

Language in International Business: A Review and Agenda for Future Research

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Abstract

A fast growing number of studies demonstrates that language diversity influences almost all management decisions in modern multinational corporations. Whereas no doubt remains about the practical importance of language, the empirical investigation and theoretical conceptualization of its complex and multifaceted effects still presents a substantial challenge. To summarize and evaluate the current state of the literature in a coherent picture informing future research, we systematically review 264 articles on language in international business. We scrutinize the geographic distributions of data, evaluate the field's achievements to date in terms of theories and methodologies, and summarize core findings by individual, group, firm, and country levels of analysis. For each of these dimensions, we then put forward a future research agenda. We encourage scholars to transcend disciplinary boundaries and to draw on, integrate, and test a variety of theories from disciplines such as psychology, linguistics, and neuroscience to gain a more profound understanding of language in international business. We advocate more multi-level studies and cross-national research collaborations and suggest greater attention to potential new data sources and means of analysis.

Introduction

Exactly thirty years ago, a review of nearly 500 English-language management texts (Holden 1987) demonstrated that only very few authors considered language, and those who did quickly brushed over the topic without considering its complexity. Much has changed since that time. Today's international business scholars treat language as an issue at the heart of their subject area (Brannen, Piekkari, and Tietze 2014; Mughan 2015), as language determines organizational communication, constitutes the foundation of knowledge creation (Piekkari et al. 2005) and is considered essential for the construction of organizational realities (Piekkari and Tietze 2011). Highlighting the theoretical and practical relevance of language in international business, Piekkari, Welch, and Welch (2014: 1) stated: "To say that language permeates every facet of international business would meet with little argument, especially from those involved in global activities in any form."

As noted by Brannen, Piekkari, and Tietze (2014), scholars approach language issues in business from many different angles. Among the diverse conceptualizations of language they use, three facets feature most prominently: national languages spoken in multinational corporations (MNCs), officially mandated corporate languages, and English as the language of global business. Many scholars focus on the national languages of corporate headquarters and globally dispersed subsidiaries, which are spoken alongside each other in MNCs (Angouri 2014), mingle in employees' speech (Janssens and Steyaert 2014),

and thus form “linguascapes” (Steyaert, Ostendorp, and Gaibrois 2011), which are constantly subject to negotiation. Others deal with the notion of a common corporate language, mostly defined as an “administrative managerial tool” (Latukha et al. 2016) that acts as a facilitator or barrier to internal and external communication (Piekkari et al. 2005). Beyond the frequent, but simplistic understanding of top management mandating that a specific national tongue (mostly English) must always be chosen (Berthoud, Grin, and Lüdi 2015), scholars have started to recognize the complexities of common corporate languages, which “often reflect the industry context and the national language environment in the country of origin” (Brannen et al. 2014: 497; Brannen and Doz 2012). The role of English constitutes the third facet of language frequently studied in business. Depending on their disciplinary socialization, international business scholars varyingly conceptualize English as a hegemonic force (Tietze and Dick 2013), which recreates postcolonial power structures (Boussebaa, Sinha, and Gabriel 2014) or as a more neutral communicative tool in the form of business English as a lingua franca¹ (BELF) (Kankaanranta and Planken 2010). Yet other scholars investigate the interplay between national and corporate languages and English (Kuznetsov and Kuznetsova 2014). Language-related research in economics developed largely separate from those bodies of literature. This economic stream analyzes semantic structures of national languages such as future-time reference (Chen 2013) or gender marking (Hicks, Santacreu-Vasut, and Shoham 2015) and investigates their impact of economic behavior at the country level. Cross-national economic research mostly relies on linguistic distance, i.e. a measure of how difficult speakers of one language find it to learn the other (Hutchinson 2005), or as a predictor of trade patterns and various other outcomes (Sauter 2012; Melitz and Toubal 2014).

But has the proliferation of publications studying international business activities under a language lens made scholars more sophisticated in their conceptualization of language? We review the fast-growing literature on language diversity in international business in order to consolidate and evaluate its achievements to date, identify remaining desiderata, and suggest a research agenda for the years to come. Based on our reading of 264 journal articles on language issues in international business contexts, we show that different streams within the field have developed separately. Whilst economic approaches strive to make the features of specific languages measurable, business studies are divided in their conceptualizations of languages as static and discrete entities versus hybrid, fluid, and situational codes. Whereas some business studies perpetuate the notion of language as an easily accessible instrument or management tool, an increasing number of publications on multilingual business phenomena draws on transla-

¹ International business scholars typically conceptualize *lingua franca* as “a common language different from the parties’ native language, very often English” (Cuypers et al. 2015: 430). Whereas some researchers see a hegemony of English native speakers in a world focused on English (Tietze and Dick, 2013), others believe that this hegemony “is now gradually being replaced, particularly in business contexts, by the use of a neutral form of BELF that neither originates in native speaker models nor is owned or influenced by them” (Nickerson, 2015: 392). Their idea is in tune with Brannen et al.’s (2014: 496) statement that “lingua franca was originally conceived as a neutral form of communication without cultural or political bias.” Reinforcing that view, Berthoud et al. (2015: 7) emphasize that lingua franca use need not even be monolingual, but may be a “hybrid code” drawing on speakers’ multilingual repertoires.

tion studies, socio- and psycholinguistics to capture language as a multifaceted, complex, and dynamic concept. Revealing patterns in theory, methodology, data, and content within the extant literature, we conclude that international business as a subject area has substantially broadened and deepened its coverage of language issues, but would still benefit from drawing more extensively on language-focused disciplines such as linguistics, in particular applied linguistics, sociolinguistics, and psycholinguistics, as well as translation and communication studies. Only by integrating the concepts and methods from different academic disciplines can the complexity of linguistic influences on international business be adequately understood. Building on this finding, our review aims to provide an inspiring and actionable agenda for future research.

We will start by describing our systematic review methodology and show how we identified, selected, and reviewed relevant publications. Subsequently, we will develop an organizing framework through which we summarize the current status of research in language in international business by research setting, theories, methodologies, and key findings at individual, group, firm, and country levels. On this basis, the second half of our review develops a future research agenda.

Methodology: Systematic Literature Review

Data collection and analysis

We followed the systematic literature review methodology (Tranfield, Denyer, and Smart 2003) using Business Source Premier, JSTOR, and ProQuest to identify language-related research in international business. Following Cantwell and Brannen's (2011) positioning of the *Journal of International Business Studies*, we conceive of international business as a subject area covering contributions from a variety of business disciplines such as management, human resources, or marketing and other disciplines such as economics, psychology, and (in the specific case of our topic) linguistics.² These multidisciplinary contributions are united by their focus on the MNC with its cross-border activities, strategies, business processes, organizational forms, and other ramifications as a common subject matter. Regarding our specific topic, language-related publications written by management scholars, linguists, communication scholars, or members of other disciplines are equally classified as international business contributions as long as they study language in a business context.

To capture relevant publications in this subject area, we searched for the terms language, linguist*, bilingual, and multilingual, each time combined with the term "international business" (i.e. "language" AND "international business", "linguist*" AND "international business", etc.). "International" is the broadest term describing cross-border studies, whereas "business" is broader than other possible search terms such as enterprise, corporation, or management. Our results were particularly comprehensive, as the search engines not only crawled for the full term in the article texts, but also yielded

² Recent statistics of the *Journal of International Business Studies* support this view, showing that the most recent years' published articles were written from a variety of disciplinary standpoints (Springer 2015).

publications using “international” and “business” separately (EBSCO 2017). To probe for comprehensiveness, we ran several test searches combining alternative terms such as “multinational”, “transnational”, and “cross-border” with “enterprise”, “corporation”, and “management”. Our core searches covered the results of these probe queries with extremely few exceptions.

These searches led us to a variety of publications in a broad set of journals. Our review starts in 1987 with the earliest publications we identified and continues until December 31, 2016, thus spanning three decades. Our sample comprises work that is already in the public domain, i.e. has been published or appeared online first on a journal website, but excludes forthcoming articles. We omitted monographs and book chapters, as these publications are not listed in the databases we searched and could therefore not be systematically gathered. We also omitted book or thesis reviews, as well as introductions to special issues as they do not include original research. We only included publications which had one of our search terms in the abstract, keywords, or hypotheses. Furthermore, we discarded those which only considered language as one out of many independent or moderator variables, unless this variable was discussed separately in the results and discussion section and unless the related results yielded theoretical implications. To further delineate the scope of our review, we focused on publications dealing with diversity in national or corporate languages, with English as a global language or with the dynamic interplay between these aspects. We omitted studies of rhetorical (see e.g., Fiol 2002), metaphorical (see e.g., Cornelissen 2012), or symbolic (see e.g., Astley and Zammuto 1992) language use, which do not focus on the effects of language diversity, but rather on the representations of language. We also excluded communication research dealing with discourse, narratives and sensemaking rather than multiple and different languages per se (see e.g., Cooren et al. 2011).

We initially identified 390 articles, of which 264 met the criteria for inclusion outlined above. Appendix 1 lists the final set of references, which we coded in an Excel spreadsheet according to a broad range of criteria including, among others, theoretical approaches, levels of analysis, empirical methods (if applicable), major findings, and future research suggestions. Having jointly coded the first ten papers, we noticed very large inter-coder agreement, so we proceeded to code independently with regular crosschecking.

Overview of our sample

Since the earliest articles were published in 1987, language-related research in international business has grown exponentially. There were only 14 articles published from 1987-1999, 73 published 2000-2009, and 177 published 2010-present. We visualize this development in Figure 1. Whereas prior studies frequently emphasized the “infancy” of language-related international business research (see e.g., Feely and Harzing 2002; Neeley 2013), there has been a dramatic increase in research output over the past decade.

For each of the 264 publications in our sample, we verified its number of Google Scholar citations.³ The field's slow start is reflected in the low number of citations most of the earliest publications have garnered to date (Holden 1987: 29; San Antonio 1987: 71; Fixman 1990: 129; Swift 1991: 81; Tsalikis et al. 1992: 37; Sims and Guice 1992: 25). In this respect, Marschan-Piekkari's early publications (Marschan et al. 1997: 335; Marschan-Piekkari et al. 1999a: 206; 1999b: 410) marked an influential turning point, which was followed by an ever increasing growth of the field.

The early marginalization of language research in international business also becomes evident in publication outlets. Until a decade ago, most language research had appeared in fairly specialized journals with only occasional publications in more mainstream International Business journals such as *International Business Review*, *Journal of World Business*, and *Management International Review*. Only international marketing and consumer behavior have seen a relatively early attention to the topic of language in its top journals, with a 1994 publication in *Journal of Consumer Research* and three further publications in *Journal of Consumer Research* and *Journal of Marketing* between 2005-2010, all focusing on linguistics in advertising. Even between 2005 and 2010, just two publications on language topics appeared in respectively a top Management (*Journal of Management Studies*) and International Business journal (*Journal of International Business Studies*). It isn't until the last five years that the topic seems to have acquired mainstream legitimacy and we see regular publications in top journals such as *American Economic Review*, *Academy of Management Journal*, *Academy of Management Learning & Education*, *Journal of International Business Studies*, *Journal of Organizational Behavior*, *Journal of Management*, *Journal of Management Studies*, *Leadership Quarterly*, *Organization Science*, and *Psychological Science*.

³ We used Google Scholar rather than Scopus or the Web of Science to search for citations as Google Scholar has a much better coverage in the Social Sciences than the two former databases (Harzing 2013).

Table 1: Main Aspects Covered in the Review and Future Research Agenda

	Review of current research	Future research agenda
Research setting	Author origins and target regions for empirical studies	Extend the scope of target regions, target languages and academic collaborations to promote both generalizability and contextualization
Theories	<p>Most utilized theories in language-related international business research:</p> <ul style="list-style-type: none"> • Culture • Gravity model of trade • MNC and new venture internationalization • Linguistic relativity • Language-based social identity 	<p>Build on existing theories:</p> <ul style="list-style-type: none"> • Culture: Harness cross-cultural pragmatics and speech act theory • Gravity model: Explore language effects on transnational entrepreneurship • Internationalization: Study language effects on different performance indicators • Linguistic relativity: Draw on cognitive theories of decision making and study gender marking • Social identity: Develop a longitudinal perspective and theorize identity complexity <p>Harness theories from disciplines such as linguistics, in particular applied linguistics, sociolinguistics, and psycholinguistics, as well as translation and communication studies</p> <p>Transcend disciplinary boundaries to connect theories from organizational behavior, international strategy, and international economics</p>
Methodology	<p>Incidence of qualitative, quantitative, and theoretical/conceptual research</p> <p>Data source of empirical studies</p>	<p>Methods: Increase diversity to enhance robustness</p> <p>Data sources:</p> <ul style="list-style-type: none"> • Qualitative: Conduct multi-sited ethnography • Quantitative: Organize larger-scale comparative studies
Findings	<p>Findings of studies categorized by level of analysis:</p> <ul style="list-style-type: none"> • Individual level perspectives • Group level perspectives • Firm level perspectives • Country level perspectives • Multilevel perspectives 	<p>New topics to target on different levels of analysis:</p> <ul style="list-style-type: none"> • Individual level perspectives: Approach new categories of research subjects • Group level perspectives: Study language-based faultlines in different types of groups • Firm level perspectives: Look at organizational forms other than MNCs • Country level perspectives: Advance Whorfian economics • Multilevel perspectives: Capture emergent processes with multilevel data

Current Status of Language Research in International Business

As most of the journal articles in our review follow a conventional sequence of presentation – i.e. background, theory, methods, and research findings – we organize our literature overview into similar categories. Our structure also mirrors the choices of other

recent systematic reviews (see e.g., Aguinis and Glavas 2012; Terjesen et al. 2016). We will start by reporting on the geographic settings of language-related international business research reflecting the fact that most papers open with presenting their studies' background. Based on a review of theoretical framework sections, we will then discuss key theories used in the field. Drawing on the methods sections of our sample papers, we will go on to discuss frequently used methods and data sources in our focal field. Finally, we will mirror the results sections of empirical papers by providing an overview of their findings. As it is difficult to cluster the highly fragmented content around "big" research questions, we will build on Brannen et al.'s (2014) characterization of language as a "multilevel construct" and categorize findings according to the corresponding levels of analysis. Table 1 summarizes the aspects covered in our review.

Research Setting

Much of the early research originates from outside the U.S. Although ten out of seventeen authors of the 14 articles published between 1987 and 1999 were from U.S. business schools, this is only due to their large author teams. Language scholars from Finnish and Norwegian institutions published more prolifically, producing several papers per author. The United Kingdom is the most frequently studied country in these early works. This strong representation of European countries is rather atypical for the otherwise very U.S.-centered international business research. Harzing and Feely (2008: 51) explain this pattern with the fact that "American researchers (...), because of the dominance of the English language, have a reduced perception of the importance of language". Although U.S. scholars have caught on to the topic in recent years, author origins and target regions for empirical studies on language are still more diverse than other fields within the broader subject area of international business. In the overall sample ranging from 1987-2016, the number of countries examined ranges from 1 to 224, with a mean of 8, a median of 2, and a mode of 1. The most common countries examined to date are the UK, USA, Finland, Germany, Japan, and Sweden. Compared to China, there is a paucity of language research related to the other BRIC and emerging economies.

Theory

Having discussed the development in the geographic centers of language-sensitive international business research, we now turn to the theoretical background of publications. Depending on their disciplinary socialization, international business scholars with an interest in language draw on a variety of theories from organizational behavior, economics, and strategy. Organizational behavior and cross-cultural management scholars approach language with theories on culture (e.g., Harzing et al. 2002; Kassis Henderson 2005), social identity (e.g., Groot 2012; Reiche, Harzing, and Pudelko 2015), power relations (e.g., Neeley 2013; Hinds, Neeley, and Cramton 2014), emotions (e.g., Neeley, Hinds, and Cramton 2012; Tenzer and Pudelko 2015), and a range of other phenomena. Those with a background in economics apply, among others, the gravity model of trade (e.g., Melitz and Toubal 2014; Sauter 2012), transaction cost economics (e.g., Selmier and Oh 2013), or linguistic relativity (e.g., Chen 2013). Strategy researchers focus predominantly on resource-based explanations for the internationalization of MNCs and

new ventures (e.g., Fernández-Ortiz and Lombardo 2009; Hurmerinta, Nummela, and Paavilainen-Mäntymäki 2015). Despite their common goal - to explain the impact of language on international business and economic activities - these bodies of literature have hitherto only spoken to each other to a very limited extent. To broaden international business scholars' view beyond their respective home disciplines, we will now summarize the key contributions of the most utilized theories in language-related international business research in order of their frequency of use: culture, the gravity model, internationalization, linguistic relativity, and social identity.

Culture

Ever since language first emerged as a topic in international business, the relationship between language and culture has challenged international business researchers. No one has doubted the tight link between the two concepts, but their relationship has been conceptualized disparately. Early international business research often conflated language with culture (Kassis Henderson 2005) or implied that cultural modeling based on value systems substituted for specific language studies, a stance that may have delayed the recognition of language as a separate construct (Brannen and Mughan 2016). Gradually, however, the mutual relationship between language and culture came to the forefront, with some authors considering language to be “inherent in a specific culture and also an embodiment of it” (Welch and Welch 2008: 341) and others positioning it at the center of culture (Vaara et al. 2005).

In recent years, management scholars (e.g., Harzing et al. 2005; Akkermans, Harzing, and van Witteloostuijn 2010) have applied the psychological concept of *cultural accommodation* to capture the link between language and culture in a business context. Showing that language priming induces individuals to adapt their thoughts and behaviors to the cultural norms associated with the language they are currently speaking, those authors demonstrate that language use activates what the neuroscience literature identifies as the neural pathways resulting from engagement in cultural practices. Along these lines, Dutch students were found to behave more competitively when playing a price-setting game in English compared to their native language (Akkermans et al. 2010), especially if they had spent time in an Anglophone culture.

International business researchers taking inspiration from sociolinguistics have approached the culture-specific elements of language use from a different angle. Building on cross-cultural *pragmatics*, they analyze the culture-specific rhetoric patterns in speech acts such as requesting, refusing, and thanking to understand how speakers of different cultures use language in interactive contexts to create specific meaning (Kassis Henderson 2005). As this implied meaning was found to create frequent misunderstandings in global business communication (Chen, Geluykens, and Choi 2006), an increasing number of scholars recognized the “transformative power of translation” (Brannen et al. 2014: 501). Analyzing the difficulty of translating Western management terms such as “knowledge sharing” into Russian, Holden and Michailova (2014) caution against simplistic attempts to replace terms from one tongue with those of another. Following their call, international business researchers have begun to understand translation as a pro-

cess of interaction across cultures (Brannen and Mughan 2016; Chidlow et al. 2014), where meaning may be found in the space between cultures.

Gravity model of trade

The second most frequently applied theory is based on the gravity model of trade, which correlates the direction and size of trade between political entities with the size and geographic distance between these trading partners. Largely separated from other streams covered in this review, economists started in the early 2000s to extend this work to consider the role of language variation as a barrier to bilateral trade. Initial work relied on binary variables to indicate whether or not countries share an official language, whereas later studies have considered the distance between language families, the role of minority languages (Sauter 2012), and differences in translation or direct communication (Melitz 2008; Melitz and Toubal 2014). Controlling for the stock of immigrants and other factors, a consistent finding around the world is that greater distance between/amongst languages is associated with less trade across these nations. As summarized by Sauter (2012), countries with a common language trade 1.5 times more and the language barrier amounts to a tax equivalent of about 7%, while Egger and Lassman's (2011) meta-analysis suggests that a common language increases trade flows by 44%. Related research demonstrates that language is a barrier to trade across Canadian provinces (Sauter 2012), 36 countries (Hutchinson 2005), and a 19 language, 195-country dataset (Melitz and Toubal 2014).

Linguistic influences on MNC and new venture internationalization

Strategy scholars concerned with internationalization theories composed the third most prominent theoretical approach to language in business. Inspired by Johanson and Vahlne's (1977) seminal model of firms' internationalization process, which positions language diversity as an important element of psychic distance, scholars have examined how corporate decision makers' foreign language skills influence their international opportunity recognition (Hurmerinta et al. 2015). As a consequence, small to medium-sized enterprises (SMEs)' directors' knowledge of a foreign language and international experience is significantly and positively correlated to SMEs' international diversification strategies (Fernández-Ortiz and Lombardo 2009). Compared to native-born, monolingual Americans, immigrant and transnational entrepreneurs are more likely to start export-oriented businesses; however, language does not affect global imports (Light, Zhou, and Kim 2002). More than a decade later, a study of immigrant entrepreneurs reports similar findings: Canada's French and Allophone speakers are more likely to start ventures that export to global markets (Sui, Morgan, and Baum 2015).

Linguistic relativity

Linguistic relativity theory, the fourth most frequently applied approach in our sample, rests on the idea that different languages shape different worlds, a premise attributed to linguists and anthropologists (Sapir 1921; 1951; Whorf 1956; Humboldt 1836) who examine how different languages' semantic structures shape human cognition. After being virtually discarded in the 1970s, this theory has recently attracted renewed interest from researchers. An emerging body of research examines the Sapir/Whorf hypothesis

in relation to consumer behavior (Puntoni, de Langhe, and van Osselaer 2009) and economic activity (Chen 2013). For example, the presence of gender-differentiated pronouns is correlated with attitudes towards gender-based discrimination. Hicks et al.'s (2015) study of U.S. immigrants show that households where members come from countries with gender-intensive languages are more likely to allocate household tasks by sex, whereas countries with a lack of gender markers in their language have higher female board representation (Santacreu-Vasut, Shenkar, and Shoham 2014). Malul et al. (2016) demonstrate that the linguistic gender marking gap between an MNC's home and host country influences the success of female expatriates. Chen (2013) examines the linguistic structure of future tense, finding that native speakers of languages that grammatically associate the future and the present (e.g., French, English, Czech) are more likely than weak future language speakers to display future-oriented behavior such as greater savings, more wealth at retirement, less smoking, greater safe sex, and less obesity.

Language-based social identity formation

The fifth most frequently applied theoretical approach to language in international business draws on early research in organizational psychology. Leveraging social identity and self-categorization theories (Tajfel and Turner 1979), international organizational behavior scholars explain why language diversity can separate employees into groups based on a shared language and thus give rise to language boundaries in MNCs (Born and Peltokorpi 2010). As the use of specific language nuances signals a sense of familiarity (Chong, Guillen, and Rios 2010), language-based clusters form within the MNC based on homophily, a tendency to interact with similar others (Mäkelä, Kalla, and Piekkari 2007). These clusters unite employees sharing a common mother tongue who can easily create and maintain interpersonal relationships and exchange knowledge (Fredriksson, Barner-Rasmussen, and Piekkari 2006). In contrast, language differences separate expatriates as out-group members from host country nationals, thus diminishing social support, interactions, and network building (Zhang and Peltokorpi 2015). Consequently, language emerges as a key factor for self-categorization and the categorization of others (Feely and Harzing 2003). These language-based intergroup boundaries can have detrimental effects of decreasing MNCs' organizational identity, knowledge transfer, control, coordination, and communication (Born and Peltokorpi 2010).

Methodology

In the following, we will examine which methods were most frequently used for studying language in international business. We will also review the data sources empirical studies have been drawing on.

Methods

The heritage of the pioneering qualitative work by Piekkari (Marschan et al. 1997; Marschan-Piekkari et al. 1999a; 1999b) is still reflected today in a large proportion of qualitative case-study research – certainly much higher than in other fields within international business. Figure 1 provides the breakdown of qualitative, quantitative, and theo-

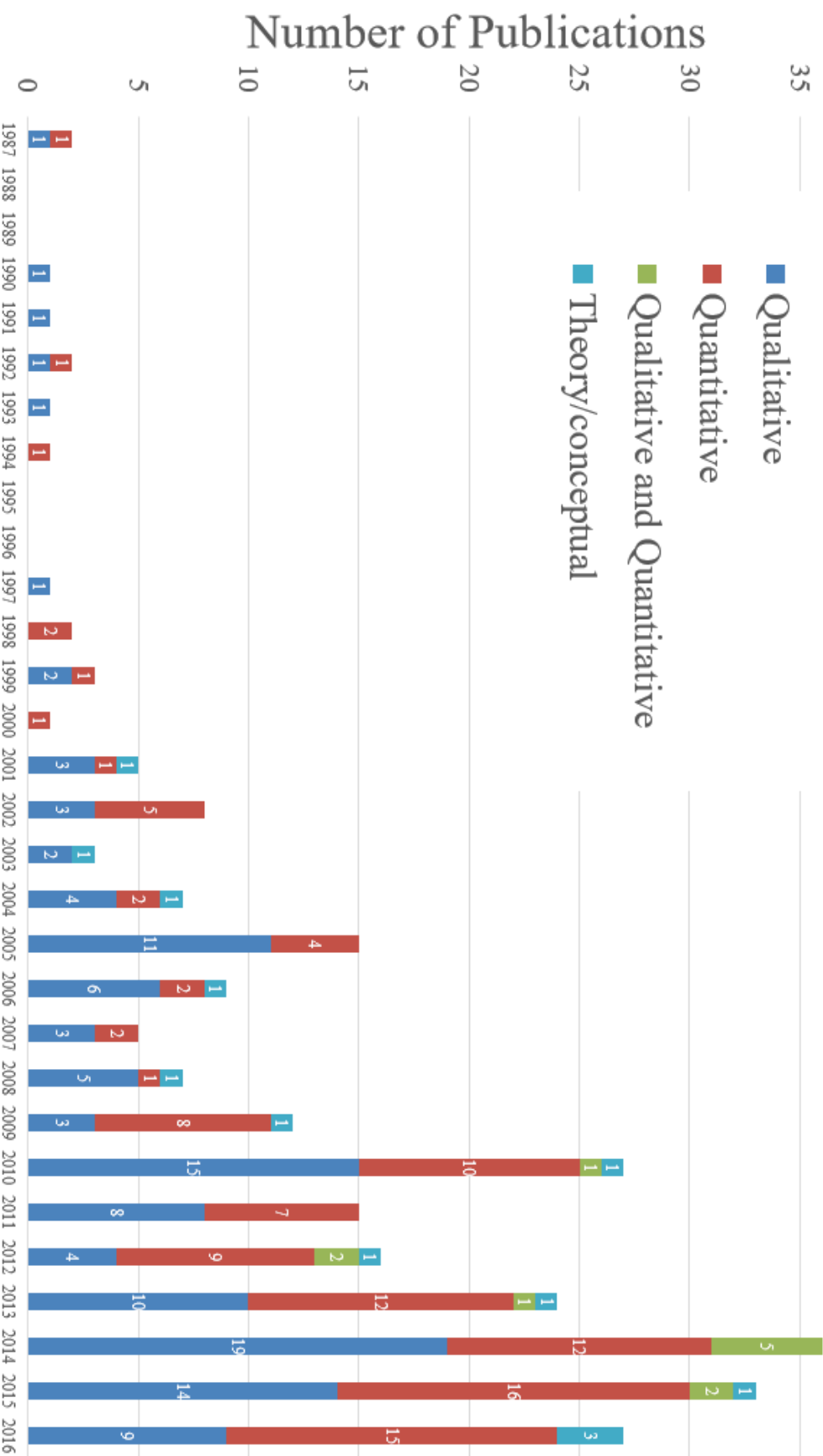
retical/conceptual research over time. In our sample, 127 (47.9%) studies are qualitative in nature, while 113 (42.6%) use quantitative methods, 11 (4.2%) use both methodologies, and 13 (4.9%) are theoretical/conceptual. Among the qualitative studies, researchers employ a variety of methods, from organizational ethnography to grounded theory and discourse analysis. Of the quantitative articles, a large majority use purely descriptive statistics. The next most utilized methods are regression analyses.

Data sources

Scholars have utilized a variety of data sources, from interviews and observations to survey data, from multilingual managers from a single or multiple countries to multi-country/language studies. Of the studies that provide a time frame for data collection, the majority are cross-sectional. The few longitudinal studies are a relatively recent development.

Of the studies with data, surveys and questionnaires represent the most common data source, followed by interviews and interviews with supplemental data. Other popular data collection means include online search and other options such as firms' e-mails, internal documents, and website content, institutional archives and databases, in-house/laboratory experiments/tests, press/census, and participant observations.

Figure 1: Language Research in International Business - Article Types by Year



Note: 2016 figures include articles that appeared online first in 2016, to be published in print in 2017.

Findings by Levels of Analysis

Over the last three decades, the number of topics covered by language-related research in international business has proliferated along with the fast growth in publications. Following Brannen et al.'s (2014) portrayal of language as a "multilevel construct", we organize our review of research findings according to their levels of analysis. The most common level in our sample is individual, followed by firm, and then group and country levels. Approximately 17% of studies include multiple levels of analysis, most commonly the combination of individual and firm levels. Below we summarize major research topics at each level of analysis. Table 2 lists some representative recent publications in these categories and provides some examples of theories, phenomena, and research questions, which language-sensitive international business studies have addressed at each level.

Individual level perspectives

Language research at the individual level incorporates multiple perspectives and covers a variety of topics. From an economic perspective, Gary Becker's (1992) notion of the importance of human capital is apparent in the large body of research that consistently indicates that one's language abilities (when one is operating in a 'host'/non-native environment, i.e., as an immigrant) condition access to information and labor market opportunities. In a multinational firm setting, language skills influence the cross-cultural adjustment of expatriates (Selmer and Luring 2015; Zhang and Peltokorpi 2015) and individual employees' career mobility (Itani et al. 2015; Latukha et al. 2016). Moreover, multilingual employees find it easier to create social capital (Barner-Rasmussen et al. 2014), enabling them to function as boundary spanners, language nodes, and information gatekeepers (Heikkilä and Smale 2011; Peltokorpi and Vaara 2012). Furthermore, individuals who are bilingual and bicultural in their ability to navigate institutional environments are more likely to pursue entrepreneurial activity, often as transnational entrepreneurs (Light et al. 2002). A small but growing body of research (e.g., Luna, Ringberg, and Peracchio 2008; Brown and Sachdev 2009; Alvarez et al. 2017) examines the impact of bilingualism on individual outcomes, such as self-sufficiency or perceived vitality. Other research studies the adverse impact of the lack of native English-language skills. For example, Hosoda, Nguyen, and Stone-Romero (2012) examined the discrimination against potential job applicants with Spanish-accented English in hiring and promotion processes. Scholars have also established that a lack of understanding due to foreign language use creates uncertainty with resulting feelings of uncertainty, anxiety, and tension (Neeley et al. 2012; Tenzer and Pudenko 2015) which can spill over to other contexts and lead to general feelings of negativity and a fear of exploitation. Again others look at the impact of language choice in bilingual advertising on individual consumers (e.g., Ying-Ching and Wang 2016; Kubat and Swaminathan 2015).

Table 2: Current Status of Language Research in International Business - Examples of Theories, Phenomena, and Research Questions by Level of Analysis

	Individual	Group	Firm	Country	Multi-level
Theories (examples)	Social identity; Power/status; Emotion; Adjustment; Human capital	Faultlines; Power/status; Human capital; Social capital; Trust; Media richness	Internationalization; Social capital; Transaction costs; Knowledge transfer	Culture; Gravity model of trade; Linguistic distance; Linguistic relativity	Power/status; Social identity; Linguistic capital; Post-colonialism
Phenomena (examples)	Bilingualism; Entrepreneurship; Career mobility; Speech quality; Accents; Discrimination	Language asymmetries; Language barriers to collaboration success (e.g., linguistic ostracism); Virtual teams; Small talk	Corporate language policies and practices; HQ-subsidiary relations; Foreign market entries; Export decisions; M&As	Bilateral trade volumes and preferences; Saving behavior; Gender relations in the household and at work	Communication avoidance; Unearned status gains; Absorptive capacity; Knowledge sharing; Social categorization
Research Questions (recent examples)	<p>How do the language skills of corporate decision makers impact opportunity recognition abroad? (Hurmerinta, Nummela and Paavilainen-Mäntymäki 2015)</p> <p>Do foreign language settings foster or diminish individual free-riding behaviors? (Urbig et al. 2016)</p> <p>How does expatriates' willingness to learn the host country language influence their relationship with host country employees (Zhang and Harzing 2016)?</p>	<p>How does linguistic ostracism affect felt rejection and anger, coworker attraction, perceived team potency, and creative performance? (Dotan-Eliasz, Sommer, and Rubin 2009)</p> <p>How does the differential use of task indicative cues in a shared language influence the performance of multinational work teams? (Butler 2011)</p> <p>Does language use influence perceived team conflicts and team atmosphere? (Voss, Albert, and Ferring 2014)</p>	<p>How do language-sensitive recruiting and language training influence absorptive capacity in foreign subsidiaries? (Peltokorpi 2017)</p> <p>How does organization members' fluency in the adopted lingua franca influence their reactions to a cross-border merger? (Kroon, Cornelissen, and Vaara 2015)</p> <p>How can MNCs manage language as a strategic resource (Sanden 2016)?</p>	<p>How do languages spoken and their proximity affect bilateral trade, communication, and trust? (Melitz and Toubal 2014)</p> <p>How does linguistic diversity within the home and host country influence the equity stake taken by acquirers? (Dow, Cuypers, and Ertug 2016)</p> <p>How do the diverse linguistic repertoires of speakers develop in increasingly multilingual environments? (Berthoud, Grin, and Lüdi 2015)</p>	<p>How do individual language resources interact with corporate language policies to create language operative capacity for MNCs? (Welch and Welch 2015)</p> <p>Which contextual factors influence corporate language-based communication avoidance? (Lauring and Klitmøller 2015)</p> <p>How does subsidiary employees' proficiency in the corporate language influence reverse knowledge transfer in MNCs? (Peltokorpi 2015)</p>
Recent examples	Itani, Järnlström, and Piekkari 2015; Froese, Kim, and Eng 2016; Zhang, Laroche and Richard, 2017	Tenzer, Pudelko and Harzing 2014; Kulkarni 2015; Dubabcock and Tanaka 2017	Sui, Morgan, and Baum 2015; Tietze, Holden, and Barner-Rasmussen 2016; Kedia and Reddy 2016	Santacreu-Vasut, Shenkar, and Shoham 2014; Luiz 2015; Fidrmuc and Fidrmuc 2016	Boussebaa, Sinha, and Gabriel 2014; Hinds, Neeley and Cramton 2014; Neeley and Dumas 2015

Group level perspectives

As early research viewed language exclusively as a skill residing in individuals, international business studies only gradually recognized it as “a constitutive, collective force

contained in the MNC” (Brannen et al. 2014: 499) and started to explore language at higher levels of analysis. At the group level, existing work investigates a diversity of settings from co-located teams (Tenzer, Pudelko and Harzing 2014) to global virtual work groups (Klitmøller, Schneider, and Jonsen 2015) and corporate boards (Piekkari, Oxelheim, and Randøy 2015). For example, recent work examines the impact of linguistic diversity on team processes and emergent states such as group cohesiveness (Lauring and Selmer 2010), social categorization (Klitmøller et al. 2015), power relations (Tenzer and Pudelko 2017) and trust formation between team members (Kassis Henderson 2005; Tenzer et al. 2014). Dotan-Eliaz et al. (2009) examine the effects of linguistic ostracism in multilingual groups on coworker attraction, felt rejection and anger, creative performance, and perceived team potency. Other studies investigate language-based choice of communication media in virtual teamwork (Klitmøller and Lauring 2013; Klitmøller et al. 2015) and language-related status evaluations (Butler 2011; Neeley 2013). At the corporate board level, language diversity can lead to impoverished and silenced discussions, particularly if employee representatives lack sufficient proficiency in the board’s working language (Piekkari et al. 2015).

Firm level perspectives

Firm-level research focuses on language competencies, policies, and practices within MNCs (e.g., Harzing and Pudelko 2013), including HQ-subsidiary relationships (Harzing, Köster, and Magner 2011; Harzing and Pudelko 2014) and mergers, acquisitions, and alliances (Joshi and Lahiri 2014; Cuypers et al. 2015). These studies investigate the impact of linguistic diversity on social identity formation (e.g. Mäkelä et al. 2007; Harzing and Feely 2008), subgroup dynamics (Steyaert et al. 2011), and knowledge sharing (Reiche et al. 2015). The latter study, for instance, finds that the positive relationship between a shared language and knowledge transfer is mediated by how much subsidiary managers share the goals and visions of HQ. Cuypers et al. (2015) find that linguistic distance is linked negatively and lingua franca proficiency is linked positively with higher stakes in acquisition targets.

Country level perspectives

Research at the country level highlights the role of language as an institution that shapes behavior and activity. *Intra*-country research frequently characterizes countries according to their official language(s); some detailed work investigates the languages a country’s citizens speak, for example using the World Values Survey data (WVS 2014). Luiz (2015), for example, draws on the South African context to develop a new measure, ethno-linguistic fractionalization, of a nation’s ethnic and/or linguistic diversity. Much of the research carried out in Switzerland (e.g., Steyaert et al. 2011, Berthoud et al. 2013; 2015) and Finland (e.g., Vaara et al. 2005, Barner-Rasmussen and Aarnio 2011) explicitly engages with language dynamics in countries with more than one official language. *Inter*-country research examines the linguistic distance between national languages or between English as a global language and specific countries’ official languages to determine the language costs of economic transactions (Selmier and Oh 2012) and

their effect on bilateral trade (Hutchinson 2005) or the choice of target countries for foreign direct investment (Lien, Oh, and Selmier 2012). A recent paper develops a measure to capture the aggregate impact of common native language, common spoken language, common official language, and linguistic proximity on bilateral trade, disentangles ease of communication from other trade enabling factors and additionally considers translators and interpreters' roles (Melitz and Toubal 2014).

Multiple level perspectives

Whereas the large majority of language-related studies in international business focus on a single level of analysis, a growing body of research recognizes that language “is a multi-level issue” (Piekkari et al. 2014: 244; Brannen et al. 2014). Equally split between qualitative and quantitative approaches, this stream investigates the impact of individual experiences with language on group dynamics and firm performance or explores influences of language issues at higher levels on individual cognitions, emotions, and behavior. However, only a few studies have implemented genuinely multi-level designs, which integrate data collection and analysis at several levels with theory building or testing spanning the same levels (Hitt et. al. 2007). Studying bottom-up influences, Hinds et al. (2014) apply an exemplary multilevel approach, which combines individual-level interviews with team-level observation in multinational work groups. The authors analyze these datasets separately and on this basis demonstrate that asymmetries in individual team members' language proficiency levels lead to subgroup formation and team-level power contests. Research spanning the individual and firm levels explores the implications of individual and corporate translation behavior on an organization's absorptive capacity (Piekkari et al. 2013) or shows how the language capital of individual employees interacts with organizational resources to shape a corporation's language operative capacity (Welch and Welch 2015). Exploring top-down effects, Boussebaa et al. (2014) demonstrate how corporate mandates to use English created a transnational language-based hierarchy between different employee groups. Other studies look at the emotional experiences (Neeley et al. 2012) or knowledge sharing activities (Mäkelä et al. 2007) of employees under a language mandate.

Future Research Agenda

Despite the fast growth of language research in international business over the past few years, the field is still far from achieving a holistic understanding of the multidimensional role of language in business. Only a few years ago, Brannen, Piekkari, and Tietze (2012: 1) remarked that “IB research remains unsophisticated in appreciating the multiple forms, facets, and features of language and its impact on MNCs and on the way in which we study IB phenomena.” Taking stock of recent developments, our literature review has shown some progress in this regard, but also revealed that large gaps remain. A juxtaposition of the earliest and latest papers included in our sample illustrates this noticeable, but slow growth. In the years following Holden's (1987: 236) critique of the “naive, misinformed and unconsciously (or unashamedly) chauvinistic” pronouncements on the nature and functions of language in international business, most

authors viewed language as “mechanical and manageable” (Fixman 1990: 25), simplistically focused on grammatical errors of non-native speakers (Sims and Guice 1992), or characterized accented speech as a fixed personal characteristic (Tsalikis et al. 1992). However, others already considered the social and cognitive dimensions of language (Swift 1991) and the unintended consequences of corporate language policies (San Antonio 1987) in those early days. We still see a varied picture today. On the one hand, scholars increasingly acknowledge the manifold languages spoken in MNCs (Tenzer and Pudelko 2017), study instances of language mixing (Schau et al. 2017), explore speakers’ linguistic positioning behavior (Millot 2017), and generally recognize the contextually conditioned, co-constructed, and culturally created nature of language (Du-Babcock and Tanaka 2017). On the other hand, natural languages are still often used as categorical variables, suggesting they are self-contained (Bell and Puzakova 2017; Touchstone et al. 2017).

Given the multidisciplinary nature of international business as a subject area, we hope that future studies will integrate concepts and methods from different academic disciplines to gain a deeper understanding of the complex linguistic influences on globalized business environments. To stimulate the field’s further development in this direction, we will now point out untapped opportunities for future research. Consistent with the structure of our review above, which follows the conventional sequence of presentation in empirical papers, we highlight promising future research directions for (1) the geographic settings of language research, (2) theoretical approaches from different disciplines, (3) methods and data, and (4) findings on different levels of analysis.

Research Settings: Future Directions

Having shown an imbalance in authors’ target regions of research, our review suggests that the field would benefit from extending the scope of investigated regions, countries, and languages. Whereas many general effects of language diversity were confirmed across contexts, others may be subject to regional variation. Considering that Harzing and Pudelko (2013) reported considerable variations in corporate language policies across countries, a more comprehensive coverage is needed, for example of emerging market multinationals. Corporations and individual employees may also face different situations in host countries with multiple official languages (such as Serbia or Singapore), where speakers may mobilize a broad array of linguistic resources to express voice (Janssens and Steyaert 2014). Harzing (2016) tentatively suggests that people of Nordic and Germanic countries tend to perceive language more mechanically as a means of communication, whereas the inhabitants of Latin and East Asian countries consider it to be at the very core of their culture. The latter are hitherto underrepresented, as the current research focuses on Finland, Germany, the UK, and the US. This may be one reason why many international business scholars have understood translation as the mere search for “equivalence” rather than a process of interaction across cultures (Chidlow et al. 2014).

Given the varying linguistic distance of local tongues to English (Hutchinson 2005) as the language of global business, our review also encourages a more comprehensive cov-

erage of influential languages in global business. In a recent study, Ly et al. (2013) list Arabic, English, French, German, Hindi, Japanese, Mandarin Chinese, Portuguese, Russian, and Spanish as the ten most influential languages on a global scale. Considering the growing importance of BRIC countries, languages such as Chinese, Russian, and Portuguese are now significant in the global arena. Whereas our review uncovered a growing number of studies on the use of Chinese in business, there is much less research on the languages of the other emerging BRIC countries. Researchers speaking Portuguese, Russian, Hindi, or Tamil as their mother tongues could enrich the field with an intimate understanding of these languages in their native context. Resting on empirical data collected in Finland, China and Russia by native speakers of Finnish, Swedish, English, Russian, Mandarin and Cantonese, Barner-Rasmussen et al. (2014)'s study on multinational boundary spanning demonstrates the enormous potential of such endeavors.

In parallel, European and North American international business scholars should go beyond the dominant domestic collaborations and aim for more international and cross-lingual cooperation with colleagues in emerging economies. They may activate collaborative relationships of this kind through conferences or mailing lists and develop them using virtual collaboration technologies such as Skype, Lync, or WebEx. Selecting languages, countries, and regions based on theoretical considerations, these international research teams could juxtapose different language combinations in one study, thus extending recent comparisons of language issues in MNCs in Nordic, Anglo, continental European, and Asian language clusters (Harzing and Pudelko 2013). Empirical projects of this scale and scope are particularly challenging to plan and carry out, as they require scholars to carefully reflect upon their methodological practices (Piekkari and Tietze 2011). Along these lines, Welch and Piekkari (2006) illustrate the difficulties of reaching shared understanding with interviewees when using foreign languages in qualitative interviewing. Chidlow et al. (2014) provide helpful guidance how international business researchers can responsibly account for their translation decisions when managing multilingual datasets.

Theory: Future Directions

As we have shown above, theoretical perspectives such as culture, the gravity model from economics, theories of firm internationalization, linguistic relativity, and social identity currently prevail among language research in international business. Consistent with Brannen et al.'s (2012) call for a "reexamination of current international business models and frameworks" under a linguistic lens, we believe that research on language diversity in international business should build on extant achievements, but also extend its theoretical scope beyond the approaches used by previous studies. To this end, organizational behavior researchers, strategy scholars or economic theorists need to look beyond the boundaries of their academic socialization. Whereas individual researchers can gain inspiration from other disciplines by way of cross-disciplinary pollination, we see the largest potential for advancement in inter-disciplinary collaboration by representatives with different academic socialization. The innovation resulting from this creative recombination of theoretical angles will help the field overcome lingering

simplistic uses of the language concept and approach its focal phenomenon in ways that are more sophisticated.

Building on existing theories

There are many promising opportunities to enrich the dominant theoretical angles in the field. In terms of culture, we second Pudelko, Tenzer, and Harzing's (2015) call for a better clarification of the relationship between culture and language. Researchers can build on the pioneering publications about cross-cultural speech pragmatics in international business settings (Chen et al. 2006; Kassis Henderson 2005). Going beyond the readily detected issues with lexical and syntactical understanding across language barriers, sociolinguistic speech act theory (e.g., Pütz and Neff-Aertselaer 2008) may help to examine the impact of culturally conditioned language use (House 1996; Wierzbicka 2003) on international business communication. Differences in the use of language for particular purposes such as informing, demanding, or promising, and diverse conversation styles, e.g. in turn-taking or intonation, merit particular attention, as these forms of language barriers "often go unnoticed and are all the more pernicious for that reason" (Kassis Henderson 2005: 70).

Building on Egger and Toubal's (2016) suggestions to refine research on language and trade, economic perspectives using the gravity model could be extended to examine the effects of immigration, transnational entrepreneurship, and a country's foreign language education on trade activity. Such endeavors may follow up works by Genc et al. (2012), Drori, Honig, and Wright (2009), and Byram (2008), respectively. The related research into linguistic influences on MNC internationalization could examine the role of language policy on firm outcomes, for example investigating how policies to use English as the corporate language affect firm growth and international expansion. This line of work could answer calls (e.g., Allen, Lee, and Reiche 2015) to better understand how MNCs manage human capital across borders.

Linguistic relativity theory can be applied to new topics such as cognitive theories of decision-making (Wood and Bandura 1989) and the related cross-cultural differences (Mann et al. 1998) or gendered structures of the workplace (Holmes 2008) such as the persistent gender gap in entrepreneurial activity. Social identity research could examine the development of linguistic identities over time and the congruence or divergence of MNC employees' language-related identities with their national, functional, or location-based identities. Theories of intersectionality (Anthias 2008; Harper 2011) may help to conceptualize this complex interplay of multiple identities.

The promise of theories from other academic disciplines

Having outlined fruitful contributions from different disciplines to the investigation of language effects in business, we reinforce Brannen et al.'s (2012) view that insights gained from disciplines such as linguistics, political science, and psychology can create frames of reference helping to understand the role of language in international business more profoundly.

Having seen the successful application of linguistic theories (e.g., Chen et al. 2006; Virkula-Räsänen 2010) to business settings and economic phenomena, we support Pudelko et al.'s (2015: 90) view that linguistics is an “obvious candidate” for cross-disciplinary pollination in this field. Recent work on the economic repercussions of linguistic gender-marking and future-time reference suggests that researchers should consider how other elements of language structure may correspond to labor market allocations as well as preferences for entrepreneurship. Moreover, the usefulness of these theories suggests that other theoretical lenses such as semiotics (Smith and Anderson 2007), evolutionary linguistics (Croft 2008), or socio-linguistics (Wardhaugh and Fuller 2015) could also contribute to the investigation of language diversity in business settings. Semiotics, for example, is the study of signs and how they are used to communicate with others (Chandler 2007). Besides considering pragmatic conventions of culturally conditioned language use (Wierzbicka 2003), researchers may examine how differences in prosodic conventions, i.e. acoustic cues like loudness of the voice, intonation, speaking rhythm, and speed (Sporer and Schwandt 2006) influence mutual understanding between employees speaking different mother tongues.

Our review also highlighted the enormous cognitive challenges employees are facing in today's multilingual organizations. International business settings already entail high cognitive demands due to their dynamic and complex nature (Volk, Köhler, and Pudelko 2014; Hadjichristidis, Geipel, and Surian 2016), but these are substantially exacerbated by the burden of foreign language processing. According to Takano and Noda (1993), activities such as conversation or negotiation require both linguistic (i.e., communication) and non-linguistic information processing (i.e., thinking and deciding). Employees speaking a foreign language at work use a larger part of their working memory to allow for the linguistic processes, thereby sacrificing resources available for thinking and decision tasks (Baddeley 2003). Tenzer and Pudelko (2016) recently connected language-based cognitive load to the choice of communication media in virtual teams. However, it remains unclear how this mechanism generally affects decision making in business. Whereas some studies find that foreign language processing causes psychological distance and therefore triggers deliberate and reflective thinking (Keysar, Hayakawa, and An 2012), others demonstrate the opposite, namely that decision making and behavior becomes more intuitive, automatic, emotional, and less analytic when people are cognitively distracted (Cornelissen, Dewitte, and Warlop 2011). Neurolinguistic research on the processing of language in the human brain (for a review see Leikin 2016) should aim to resolve this puzzle, for example by using functional MRI technology (Cabeza and Nyberg 2000) to measure individuals' brain activity while performing foreign language tasks.

Looking beyond disciplinary boundaries

Given the multidimensional influence of language on international business activities, we encourage scholars to look beyond their respective mother disciplines, as interdisciplinary perspectives allow addressing “more complex questions than those which are typically formulated when relying on the standard assumptions and the narrowing focus usually found within disciplines” (Cantwell and Brannen 2011: 3). Whereas the sub-

ject area of international business has already assembled an array of approaches from different disciplines, these mostly occurred independently from each other in separate publications. To proceed from this *multidisciplinary* setup to truly *interdisciplinary* research, scholars need to synthesize and interrelate arguments taken from different disciplinary perspectives (Cantwell and Brannen 2011).

Among many promising combinations, an integration of theories from international strategy research, organizational behavior, and international economics could advance our focal field with novel approaches. Strategy research could harness psychological insights from organizational behavior to gain a deeper understanding of individual employees' reactions to corporate language policies and the ensuing dynamics on the group-level. This may reveal the contested and negotiated nature of language practices, show how tongues are mingling in daily business communication and, consequently, facilitate the design of more sophisticated language strategies. We also encourage strategy researchers with a language interest to take inspiration from the concepts and theoretical angles applied in economics. For example, they could expand current work on linguistic distance as an independent variable to explain entry modes or analyze language structures such as gender marking and future-time reference to analyze particular features of national institutions and policies. Finally, experimental work in behavioral economics on how language choice influences thoughts, feelings, and behavior could complement the psychological perspective of language-related organizational behavior research.

According to Harzing and Feely (2008: 51), such synergies have not been fully realized so far, since scholars have been "deterred by the cross-disciplinary nature of the subject". The slow progress may also be due to the enormous difficulties of achieving genuine interdisciplinarity, which Kockelmans (1979) already cautioned against almost four decades ago. Interdisciplinary research requires that specialists combine their expertise into an integrated response to the problem (Piso 2015), but there is a lack of clarity concerning how exactly this may be achieved (Repko 2007). Rogers, Scaife, and Rizzo (2005: 268) point to the "incommensurability of concepts, different units of analysis, differences in world views, expectations, criteria, and value judgments" between academic disciplines as obstacles to integration. Scholars have captured these challenges in different metaphors. Whereas Horn (2015) likens disciplines to cultures which require scholars involved in interdisciplinary work to undergo adjustment processes, dominant images come from the realm of languages. Since each discipline has its own conceptual vocabulary (Newell 2001) and scholars "speak in dialects that are specialized to their disciplines" (Wear 1999: 299), the central barrier comes down to the difficulty of communicating concepts, theories, and methods across disciplinary boundaries (Stone 2013; Piso 2015). Disciplinary institutions such as academic journals, funding agencies, or university management furthermore discourage interdisciplinary integration, as they tend to evaluate individual scholars according to their capacity to adhere to idiosyncratic disciplinary conventions (Horn 2015).

Researchers aiming to capture the role of language in international business through interdisciplinary collaborations therefore need to prepare for setbacks (Horn 2015). However, if cross-disciplinary teams strive to explicate basic premises to each other

(Wear 1999), communicate extensively about conceptual differences and engage in constant self-reflection and -evaluation (Szostak 2013), they can broaden their horizons and achieve theoretical innovation (Cantwell and Brannen 2016). If scholars overcome the related obstacles, interdisciplinary research endeavors promise to resolve complex issues which transcend the scope of a single research expertise (Piso 2015).

Methodology: Future Directions

Our review uncovered a number of patterns in methodology and data sourcing. Specifically, we found a slightly higher proportion of qualitative studies than quantitative work in the field. In terms of data sources, most research is cross-sectional and interview-based. Based on these findings, we offer recommendations for extending the field's methodological toolbox and substantiating its empirical basis with new forms of data collection.

Methods

Our systematic review reveals that language-related research in international business has evolved considerably, both in terms of qualitative and quantitative methods. This methodological diversification bears the potential for promising complementarities. Qualitative approaches dominated the field in its early days and are certainly well suited to build robust middle range theory in previously unexplored areas (Eisenhardt and Graebner 2007), and therefore highly suitable for investigating still uncharted effects of language diversity on international business. The growing number of quantitative studies can test the propositions generated by exploratory case study research (Creswell 2013). We also encourage a broader application of experimental studies such as prisoner dilemma games in the field (see e.g., Akkermans et al. 2010; Volk et al. 2014). The use of experimental studies has the advantage that the use of a particular language use can be manipulated between treatments and thus the effect of language can be isolated. Experimental games also allow us to measure actual behavior rather than relying on self-reported surveys or interview responses, which in turn reduces the effects of social desirability and self-presentation. Another research method could involve textual analysis of concepts using software such as Diction (Ridge and Ingram 2014). Multi-method studies combining qualitative, quantitative, and experimental approaches to language effects in international business are still rare (see e.g., Angouri 2013 and Barner-Rasmussen et al. 2014 for exceptions), yet they would be invaluable to enhance the robustness of emerging theories in the field. Parallel to our encouragement of interdisciplinary theorizing, we urge scholars to broaden their methodological repertoire by tapping into the toolboxes of neighboring academic disciplines.

Data sources

We urge qualitative researchers to go beyond the dominant interview methodology, complementing their datasets with observations of naturally occurring linguistic misunderstandings among employees of multinational corporations. Whereas interviews may be biased by social desirability and only reflect consciously processed information,

observations capture actual behavior and pick up effects which the interacting parties may not be aware of. Future studies may also extend the pioneering efforts in multi-sited organizational ethnography and introduce approaches from neighboring disciplines such as discourse analysis for sociolinguistics (Schiffrin, Tannen, and Hamilton 2008) or life histories from ethnography (Musson 2004) in order to comprehensively understand the complex influence of linguistic diversity. These techniques would also provide longitudinal data, which could meaningfully advance the field by examining the development of language policies over time. In the realm of quantitative studies, our review highlights the need for more large-scale studies covering MNCs in a wide variety of country contexts in order to probe the generalizability of the impact of foreign language use.

Findings by Levels of Analysis: Future Directions

Our systematic review of language research in international business demonstrates that this fast-growing field captures language-related phenomena on all major levels of analysis. These findings suggest a series of promising future research avenues for examining language at each level, which we will outline below. Table 3 indicates additional theories, phenomena, and research questions on different levels of analysis, thus generating a general framework for future language-related research in international business.

Table 3: Suggestions for Future Language Research in International Business - Theories, Phenomena, and Research Questions by Level of Analysis

	Individual	Group	Firm	Country	Multi-level
Theories (examples)	Cultural accommodation; Cognitive processing of a foreign language; Personality	Boundary spanning; Bridge-making; Media performance; Creativity; Social identity; Speech pragmatics	Resource based view; Global staffing; Corporate decision making	Linguistic determinism; Grammatical structures; Multilingualism	Bottom-up emergent processes; Top-down contextual influences
Phenomena (examples)	Personal values; Foreign language anxiety; Cognitive load; Differences in personality	Bilingual team members; Co-located vs. virtual teams; Computer-mediated communication; Groupthink	SMEs; Born global enterprises; Business schools; Personnel selection and recruitment; Global management boards	Linguistic gender marking; Linguistic future-time reference; Majority versus minority languages; Long- vs. short-term investment	Individual coping behaviors; Emergent team processes; Corporate language policies and practices
Research Questions (examples)	How do individuals' associations with key management concepts differ depending on the language in which they voice these thoughts?	How can bilinguals contribute to effective communication, group identification, trust, conflict management, knowledge acquisition and transfer in multilingual teams?	How do language effects differ between MNCs, SMEs and born global enterprises depending on their resources?	How do languages which emphasize or downplay gender distinctions influence women's choice of occupation?	How do individual employees' language-based thoughts, feelings, and behaviors influence climate, cohesion, confidence, and conflict at the team or organizational level?
	How do prolonged foreign language-based anxiety and cognitive load influence employees' health?	How do language barriers influence the choice and performance of communication media in multilingual virtual teams?	How does language diversity influence the internationalization of business schools?	How do these grammatical features influence the talent pool MNCs can tap in different countries?	How do linguistic barriers to understanding influence the formation of collective cognition?
	How does language-based cognitive load influence individual decision making?	How can language diversity foster creativity in multilingual teams?	How does linguistic distance between headquarters and subsidiaries influence staffing strategies in MNCs?	How does obligatory or optional future time reference in employees' native languages influence their organizational citizenship behavior and preference for remuneration schemes?	How do corporate language policies and practices influence the work adjustment of employees speaking the official or parent country language and a second language?
	How does the impact of foreign language use interact with key personality dimensions?	How does language-based identification interact with national, functional, location-based, and other identities within multilingual teams?	Does decision making in corporate boards become more competitive when English is used as a corporate language?	How does future time reference in employees' native tongues influence their investment choices and adoption of new technologies?	

Individual level perspectives

A more profound understanding of how language influences individual outcomes could be promoted through fundamental research in behavioral economics. An example is Akkermans et al.'s (2010) experimental study on how language priming influences individuals' thoughts and behaviors. Scholars could for instance explore how individuals' associations with key management concepts from the Anglophone world differ depending on the language in which they voice these thoughts. Individual-level research on language in international business could also generate a deeper understanding of the role bilingual professionals can play in MNCs. Whereas previous research mostly focused on coordinate bilinguals (those who acquire their second language very early in life, usually in the same context), future studies could extend the investigation to compound bilinguals (those who acquire their second language later in life, often in another context; see Larsen, Fritsch, and Grava 1994), a situation more typical for bilingual professionals (Day and Wagner 2007) and migrant workers (Roberts 2007). As immigrant entrepreneurs play a key role in growing their host economies (Wadhwa et al. 2007), they constitute a particularly promising target group for studies on compound bilinguals. Existing work on language use in polyglossic urban areas and multilingual regions (Lüdi, Höchle, and Yanaprasart 2010) and on internal migration (Lüdi 1992) can provide useful starting points here. International business scholars may also draw on the work of Berthoud et al. (2015) in studying how individuals draw on multiple linguistic repertoires to construct, transmit and apply knowledge. Linguistic policy research on bilingual education (see e.g., Riagáin and Lüdi 2003) can meaningfully inform studies of linguistic capital in modern multinationals. Furthermore, we encourage the field to investigate the behavioral effects of language diversity in business contexts. For example, language-based cognitive load and anxiety through foreign language use have been largely ignored as a cause of health issues.

Group level perspectives

Regarding the group level of analysis, existing studies reveal that language barriers substantially influence team communication, knowledge sharing, and other processes. We therefore suggest that future researchers examine new group phenomenon such as co-located and virtual teams, and the roles of bilingual group members as boundary spanners and bridge-makers. Within these groups, future research could test theories of the consequences of linguistic ostracism (e.g., Robinson, O'Reilly, and Wang 2012). More specifically, future studies could extend recent investigations on the language-based choice of communication media (Tenzer and Pudelko 2016) to probe the suitability of established frameworks like media richness theory (Daft and Lengel 1986) or media naturalness theory (Kock 2004) in multilingual settings. Finally, researchers could examine the interplay between linguistic identities and national, cultural, functional, location-based, gender-driven, age-related, or other identities to explore the disruptive potential of language-based faultlines (Thatcher and Patel 2012; Hinds et al. 2014) within and across multilingual groups.

Firm level perspectives

Concerning the firm level, our review demonstrates that the majority of international business scholars interested in linguistic diversity investigate effects in large MNCs. We argue that it might be interesting to study language effects in other firms, particularly small and medium enterprises, new ventures, and NGOs. Considering that business researchers form a transnational community working with English as a lingua franca (Tietze and Dick 2013), the impact of linguistic diversity on business schools (see Larring and Selmer 2012; Śliwa and Johansson 2014; 2015) also offers a worthwhile avenue for exploration, as does the increasingly interdisciplinary university research environment. Comparing language policies, practices, and effects between these different contexts can assist in understanding the boundary conditions for theories of language diversity in international business. To gain a more comprehensive understanding of corporations' "transnational business communication capital" (Tietze, Holden, and Barner-Rasmussen 2016), firm-level research should furthermore study occupational vocabulary and sociolects in addition to the commonly investigated diversity in national languages.

Country level perspectives

With respect to research on the country level, our systematic literature review identified a substantial upward trend in research on the economic implications of linguistic relativity, determinism, and grammatical structures. This line of "Whorfian economics" (Fabb 2016) research could be further extended by examining whether women's occupational choices or the gender pay gap correlate with the intensity of linguistic gender marking in a country's dominant language. Considering that a recent experiment demonstrates significant differences in children's intertemporal choices depending on their mother tongue (Sutter et al. 2015), it would be interesting to investigate the effects of obligatory or optional future-time reference in a country's language on citizens' preferences for long- versus short-term investments. An experiment capturing divergent behaviors between the speakers of minority and majority languages (Cappelletti, Mittonne, and Ploner 2015) furthermore highlights the need to study language effects in countries with several official languages. Related themes involve the impact of countries' colonial past on language use or the influence of government initiatives trying to counteract the "excessive" use of English words (for the Chinese case see *Economist* 2014) on communication.

Multi-level perspectives

Our review also yields a number of recent studies connecting the perspective of individual speakers with language effects on their teams or organizations. We consider these multi-level approaches highly promising, as multilingual collaborations can only create synergies by integrating the strengths of individual contributors into an outcome greater than the sum of what each employee could have achieved individually (Katzenbach and Smith 1993). To understand how these synergies arise, scholars need to capture so-called "emergent processes" (Kozlowski and Klein 2000; Kozlowski et al. 2013),

which transform intra-personal thoughts, feelings, and behaviors through interaction and communication into higher-level collective phenomena at the dyadic, team, or organizational level. We argue that emergent processes such as cohesion, confidence, conflict, learning, adaptation, and organizational climate could be fruitfully studied under a language lens. Besides this bottom-up emergence, scholars may also study the top-down influences of a country's linguistic context or organizational language strategies on team dynamics or individual cognitions, emotions, and behaviors. Whereas many studies have tried to tackle such processes with data collection at a single level of analysis, we encourage future research could gain a more holistic understanding by building theory, and collecting and analyzing data at all involved levels (Hitt et al. 2007). To be successful in such complex research designs, scholars have to articulate the theoretical bases of their work carefully (Hitt et al. 2007) and consider the limited capabilities of existing software packages in multilevel modelling (Kozlowski et al. 2013). As the transformation of individual language-related cognitions and emotions into collective processes takes time, they need to conduct more longitudinal research, which are more time-consuming and expensive. Given that each academic discipline tends to favor specific levels of analysis, multilevel research often requires an interdisciplinary mindset. To the extent that these challenges are mastered, multi-level research will break new ground in language-related international business studies.

Limitations

The scope and focus of our study entails some limitations, which indicate possible extensions in future research. First, we had to omit monographs and book chapters from our systematic review, because the major online databases do not list them. This might have excluded relevant contributions by linguists, translation scholars, and members of other disciplines who occasionally touch on the subject area of international business, but rely more on book publications than academics in business studies do. Whereas pragmatic constraints did not allow us to systematically review the theories, methods, and empirical findings of these contributions, we have drawn many suggestions for future research from this body of literature. Interested readers may continue their studies with the *Handbook of Multilingualism and Multilingual Communication* (Auer and Wei 2007), the language section within the *Routledge Companion to Cross-Cultural Management* (Holden, Michailova, and Tietze 2015) or the recent *Palgrave Handbook of Economics and Language* (Ginsburgh and Weber 2016).

Second, we only included English-language publications in our review. To check for bias, we also entered the equivalents of our search terms in French, Spanish, and German as there are established business journals in these national languages (Venard 2007). We found that publications in these languages did not yield substantial insights beyond the English-language literature. Publications in Portuguese, Russian, Hindi, and Mandarin might have yielded more insights on the BRIC countries, but we decided to limit our review English-language material, as no research team would be able to read all major world languages. Most importantly, 75% of articles in the social sciences are written in English and the hegemony of English as a language of science is rising (Enrique Hamel

2007). Nevertheless, we would hope that scholars with language capabilities in English as well as one of the above languages could act as bridge individuals.

Third, the scope of our study did not allow us to include all forms of language diversity in business settings. Brannen et al. (2014) name technical or electronic language as potentially insightful avenues of research, whereas a large stream of discourse, rhetoric, and narrative analysis by organization theorists investigates how top managers recontextualize content through language, thus shaping sensemaking, organizational identities, and strategic orientations (Boje, Osrick, and Ford 2004; Phillips, Lawrence, and Hardy 2004). Future research could fruitfully connect the “linguistic turn in organizational research” (Alvesson and Kärreman 2000) focusing on rhetorical and metaphorical language with the linguistic turn in international business targeting on the multilingual realities in global corporations.

Fourth, if we had reviewed a larger number of publications from communication studies, sociolinguistics, and psycholinguistics, our review could have portrayed the complex concept of language in greater depth and could have shown a broader array of methods to empirically capture it. However, it was not feasible to cover these disciplines in their entirety within the space constraints of this article, so we limited our scope to papers studying how language plays out in international business settings. Whereas most publications dealing with this context were written by business scholars and economists, they are informed by many different concepts of and approaches to language. Future studies could build on our efforts by drawing more comprehensively on the achievements of linguistics, the leading discipline studying languages in form, meaning, and context and under a variety of aspects (Akmajian et al. 2001).

Fifth, we need to balance our many suggestions for future research by acknowledging a certain danger of further proliferation in research themes. If the diverse approaches to language in international business evolve in parallel and independently from each other, the field may become even more fragmented than it is today. An active dialogue between approaches and a synthesis between dominant themes will be needed to reach a holistic understanding of language in international business. To this end, we invite scholars from different mother disciplines to collectively define a set of “big” research questions, which can unite their efforts for the years to come.

Conclusion

Reinforcing the frequent calls for more conceptual innovation and empirical investigations on the impact of language on international management (see e.g., Holden 2008; Piekkari and Zander 2005), our systematic and thorough review of 264 publications on language in international business identifies some progress in understanding the “multifaceted role of language in international business” (Brannen et al. 2014). As we note a growing body of research drawing on concepts from a variety of disciplines and employing diverse methodologies, many international business scholars have gained a better understanding of the function and role of language within their subject area. However, our review also reveals that the field remains fragmented, with serious knowledge gaps in theory, data, methodology, and content. Reflecting on Holden’s (1987: 234)

statement that “linguists who aspire to an integration of linguistics into the management sciences face a herculean task”, we conclude that part of this task has been fulfilled to date, but much remains to be done. To motivate future research in this direction, we offered multiple opportunities for advancing the investigation of language diversity in international business research. We particularly encourage the integration of insights from different academic disciplines as an opportunity to gain a deeper understanding of language complexity in international business. Extending Piekkari et al.’s (2014: 244) recent conclusion that “the pervasive effects of language need to be taken more fully into account in explanations of international business activity”, we argue that a more profound understanding of its effects will have a very positive impact on business and management studies as a whole.

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References

- Aguinis, H., & Glavas, A. (2012). What we know and don't know about corporate social responsibility: A review and research agenda. *Journal of Management*, 38(4), 932-968.
- Akkermans, D., Harzing, A. W., & Witteloostuijn, A. van. (2010). Cultural accommodation and language priming. Competitive versus cooperative behavior in a prisoner's dilemma game, *Management International Review*, 50(5), 559-584.
- Akmajian, A., Demers, R. A., Farmer, A. K., & Harnish, R. M. (2001). *Linguistics: An introduction to language and communication*. Boston, MA: MIT.
- Allen, D., Lee, Y-T., & Reiche, S. (2015). Global work in the multinational enterprise: New avenues and challenges for strategically managing human capital across borders. *Journal of Management*, 41(7), 2032-2035.
- Alvarez, C. M., Taylor, K. A., & Gomez, C. (2017). The effects of Hispanic bilinguals' language use and stereotype activation on negotiations outcomes. *Journal of Business Research*, 72, 158-167.
- Alvesson, M., & Kärreman, D. (2000). Taking the linguistic turn in organizational research challenges, responses, consequences. *Journal of Applied Behavioral Science*, 36(2), 136-158.
- Ambos, T. C., & Ambos, B. (2009). The impact of distance on knowledge transfer effectiveness in multinational corporations. *Journal of International Management*, 15(1), 1-14.
- Angouri, J. (2013). The multilingual reality of the multinational workplace: Language policy and language use. *Journal of Multilingual and Multicultural Development*, 34(6), 564-581.
- Angouri, J. (2014). Multilingualism in the workplace: Language practices in multilingual contexts. *Multilingua - Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 1-9.
- Anthias, F. (2008). Thinking through the lens of translocational positionality: an intersectionality frame for understanding identity and belonging. *Translocations: Migration and Social Change*, 4(1), 5-20.
- Astley, W. G., & Zammuto, R. F. (1992). Organization science, managers, and language games. *Organization Science*, 3(4), 443-460.
- Auer, P., & Wei, L. (Eds.). (2007). *Handbook of multilingualism and multilingual communication* (Vol. 5). Berlin: de Gruyter.
- Baddeley, A. D. (2003). Working memory: Looking back and looking forward. *Nature Reviews Neuroscience*, 4(10), 829-839.
- Barner-Rasmussen, W., Ehrnrooth, M., Koveshnikov, A., & Mäkelä, K. (2014). Cultural and language skills as resources for boundary spanning within the MNC. *Journal of International Business Studies*, 45(7), 886-905.
- Becker, G. (1992). The economic way of looking at behavior. Nobel Laureate lecture.
- Bell, M.L. and Puzakova, M. (2017). ¿ Y Usted? Social influence effects on consumers' service language preferences. *Journal of Business Research*, 72, 168-177.

- Berthoud, A. C., Grin, F., & Lüdi, G. (Eds.). (2013). *Exploring the dynamics of multilingualism: The DYLAN project* (Vol. 2). Amsterdam: John Benjamins Publishing Company.
- Berthoud, A. C., Grin, F., & Lüdi, G. (2015). The DYLAN project: Language dynamics and management of diversity. *European Journal of Applied Linguistics*, 3(1), 145-153.
- Boje, D. M., Oswick, C., & Ford, J. D. (2004). Language and organization: The doing of discourse. *Academy of Management Review*, 29(4), 571-577.
- Born, F., & Peltokorpi, V. (2010). Language policies and communication in multinational companies: alignment with strategic orientation and human resource management practices. *Journal of Business Communication*, 47(2), 97-118.
- Boussebaa, M., Sinha, S., & Gabriel, Y. (2014). Englishization in offshore call centers: A postcolonial perspective. *Journal of International Business Studies*, 45(9), 1152-1169.
- Brannen, M. Y., & Doz, Y. (2012). Corporate languages and strategic agility: Trapped in your jargon or lost in translation? *California Management Review*, 54(3), 77-97.
- Brannen, M. Y., & Mughan, T. (2016). Language in international business: developing a field. In M. Y. Brannen, T. Mughan, S. Ghoshal (Eds.), *Language strategies for global business*. London: Palgrave Macmillan UK.
- Brannen, M. Y., Piekkari, R., & Tietze, S. (2012). Call for articles: Special issue of Journal of International Business Studies on the multifaceted role of language in international business. http://www.palgrave-journals.com/jibs/cfp_language_si.html
- Brannen, M. Y., Piekkari, R., & Tietze, S. (2014). The multifaceted role of language in international business: unpacking the forms, functions and features of a critical challenge to MNC theory and performance. *Journal of International Business Studies*, 45(5), 495-507.
- Brown, I., & Sachdev, I. (2009). Bilingual behavior, attitudes, identity and vitality: some data from Japanese speakers in London, UK. *Journal of Multilingual and Multicultural Development*, 30(4), 327-343.
- Butler, C. L. (2011). I know how! You know how! We know how! The multinational matter of language use in task teams. *International Journal of Human Resources Development and Management*, 11, 221-234.
- Byram, M. (2008). *From foreign language education to education for intercultural citizenship: Essays and reflections* (Vol. 17). Clevedon: Multilingual Matters.
- Cabeza, R., & Nyberg, L. (2000). Imaging cognition II: An empirical review of 275 PET and fMRI studies. *Journal of Cognitive Neuroscience*, 12(1), 1-47.
- Cantwell, J., & Brannen, M. Y. (2011). Positioning JIBS as an interdisciplinary journal. *Journal of International Business Studies*, 42(1), 1-9.
- Cantwell, J., & Brannen, M. Y. (2016). The changing nature of the international business field, and the progress of JIBS. *Journal of International Business Studies*, 47(9), 1023-1031.
- Cappelletti, D., Mittone, L., & Ploner, M. (2015). Language and intergroup discrimination. Evidence from an experiment. CEEL Working Paper 4-15.
- Chandler, D. (2007). *Semiotics: the basics*. London and New York: Routledge.

- Chen, M. K. (2013). The effect of language on economic behavior: Evidence from savings rates, health behaviors, and retirement assets. *American Economic Review*, 103(2), 690-731.
- Chen, S., Geluykens, R., & Choi, C. (2006). The importance of language in global teams: a linguistic perspective. *Management International Review*, 46(6), 679-695.
- Chidlow, A., Plakoyiannaki, E., & Welch, C. (2014). Translation in cross-language international business research: Beyond equivalence. *Journal of International Business Studies*, 45(5), 562-582.
- Chong, A., Guillen, J., & Rios, V. (2010). Language nuances and socioeconomic outcomes. *American Journal of Economics and Sociology*, 69(2), 693-716.
- Cooren, F., Kuhn, T., Cornelissen, J. P., & Clark, T. (2011). Communication, organizing and organization: An overview and introduction to the special issue. *Organization Studies*, 32(9), 1149-1170.
- Cornelissen, G., Dewitte, S., & Warlop L. (2011). Are social value orientations expressed automatically? Decision making in the dictator game. *Personality and Social Psychology Bulletin*, 37(8), 1080-1090.
- Cornelissen, J. P. (2012). Sensemaking under pressure: The influence of professional roles and social accountability on the creation of sense. *Organization Science*, 23(1), 118-137.
- Creswell, J. W. (2013). *Research design: Qualitative, quantitative, and mixed methods approaches*. Thousand Oaks: Sage Publications.
- Croft, W. (2008). Evolutionary linguistics. *Annual Review of Anthropology*, 37(1), 219-234.
- Cuypers, I. R., Ertug, G., & Hennart, J. F. (2015). The effects of linguistic distance and lingua franca proficiency on the stake taken by acquirers in cross-border acquisitions. *Journal of International Business Studies*, 46(4), 429-442.
- Daft, R. L., & Lengel, R. H. (1986). Organizational information requirements, media richness and structural design. *Management Science*, 32(5), 554-571.
- Day, D., & Wagner, J. (2007). Bilingual professionals. In P. Auer, & L. Wei (Eds.), *Handbook of Multilingualism and Multilingual Communication* (pp. 391-404). Berlin: de Gruyter.
- Dennis, A. R., Fuller, R. M., & Valacich, J. S. (2008). Media, tasks and communication processes: a theory of media synchronicity. *MIS Quarterly*, 32(3), 575-600.
- Dotan-Eliaz, O., Sommer, K., Rubin, Y. (2009). Multilingual groups: effects of linguistic ostracism on felt rejection and anger, coworker attraction, perceived team potency, and creative performance. *Basic and Applied Social Psychology*, 31(4), 363-375.
- Drori, I., Honig, B., & Wright, M. (2009). Transnational entrepreneurship: An emergent field of study. *Entrepreneurship Theory and Practice*, 33(5), 1001-1022.
- Du-Babcock, B., & Tanaka, H. (2017). Leadership construction in intra-Asian English as lingua franca decision-making meetings. *International Journal of Business Communication*, 54(1), 83-98.
- EBSCO (2017). What is SmartText searching?.

https://help.ebsco.com/interfaces/EBSCO_Guides/General_Product_FAQs/What_is_SmartText_searching. Accessed 27 March 2017.

Economist (2014). Linguistic purity: Barbarians at the gate. <http://www.economist.com/news/china/21603498-efforts-keep-language-pure-barbarians-gate>. Accessed 04 May 2016.

Egger, P. H., & Lassmann, A. (2015). The causal impact of common native language on international trade: Evidence from a spatial regression discontinuity design. *The Economic Journal*, 125(584), 699-745.

Egger, P. H., & Toubal, F. (2016) Common spoken languages and international trade. In V. Ginsburgh & S. Weber (Eds.), *The Palgrave handbook of economics and language* (pp. 263-289). New York: Palgrave.

Eisenhardt, K. M., & Graebner, M. E. (2007). Theory building from cases: opportunities and challenges. *Academy of Management Journal*, 50(1), 25-32.

Enrique Hamel, R. (2007). The dominance of English in the international scientific periodical literature and the future of language use in science. *AILA Review*, 20(1), 53-71.

Fabb, N. (2016) Linguistic theory, linguistic diversity and Whorfian economics. In V. Ginsburgh & S. Weber (Eds.), *The Palgrave handbook of economics and language* (pp. 17-60). New York: Palgrave.

Feely, A. J., & Harzing, A.-W. (2002). Forgotten and neglected – language: The orphan of International Business research. Working paper presented at Academy of Management, Denver, CO.

Feely, A. J., & Harzing, A.-W. (2003). Language management in multinational companies. *Cross-Cultural Management: An International Journal*, 10(2), 37-52.

Fernandez-Ortiz, R., & Lombardo, G. (2009). Influence of the capacities of top management on the internationalization of SMEs. *Entrepreneurship & Regional Development*, 21(2), 131-154.

Fidrmuc, J., & Fidrmuc, J. (2016). Foreign languages and trade: evidence from a natural experiment. *Empirical Economics*, 50(1), 31-49.

Fiol, C. M. (2002). Capitalizing on paradox: The role of language in transforming organizational identities. *Organization Science*, 13(6), 653-666.

Fixman, C. (1990). The foreign language needs of U.S.-based corporations. *The Annals of the American Academy of Political and Social Science*, 511(1), 25-46.

Fredriksson, R., Barner-Rasmussen, W., & Piekkari, R. (2006). The multinational corporation as a multilingual organization: The notion of a common corporate language. *Corporate Communications: An International Journal*, 11(4), 406-423.

Freeman, M.M., & Olson-Buchanan, J. B. (2013). The relations between expatriate personality and language fluency and its effect on host country adjustment: An empirical study. *International Journal of Management*, 30 (2), 393-401.

Froese, F. J., Kim, K., & Eng, A. (2016). Language, cultural intelligence, and inpatriate turnover intentions: Leveraging values in multinational corporations through inpatriates. *Management International Review*, 56(2), 283-301.

Gass, S. M., & Selinker, L. (2008). *Second language acquisition: an introductory course*.

New York: Lawrence Erlbaum Associates.

Genc, M., Gheasi, M., Nijkamp, P., & Poot, J. (2012). The impact of immigration on international trade: A meta-analysis. In P. Nijkamp, J. Poot, & M. Sahin (Eds.), *Migration impact assessment: New horizons* (pp. 301-337). Cheltenham: Edward Elgar.

Gibbons, R. (1992). *A primer in game theory*. Hertfordshire: Harvester Wheatsheaf.

Ginsburgh, V., & Weber, S. (2016) (Eds.) *The Palgrave handbook of economics and language* (pp. 425-446). New York: Palgrave.

Groot, E. (2012). Personal preference or policy? Language choice in a European-based international organization. *Corporate Communications: An International Journal*, 17(3), 255-271.

Hadjichristidis, C., Geipel, J., & Surian, L. (2016). How foreign language affects decisions: Rethinking the brain-drain model. *Journal of International Business Studies*, doi: 10.1057/s41267-016-0040-1.

Harper, C. E. (2011). Identity, intersectionality, and mixed-methods approaches. In K. A. Griffin & S. D. Museus (Eds.), *Using mixed methods to study intersectionality in higher education: New directions in institutional research* (pp. 103-115). San Francisco: Jossey-Bass.

Harzing, A. W. (2013). A preliminary test of Google Scholar as a source for citation data: A longitudinal study of Nobel Prize winners. *Scientometrics*, 93(3), 1057-1075.

Harzing, A. W. (2016). Language in academia: What can we learn from research in International Business and bibliometrics?. Presented at the European Academy of Management Annual Meeting. <http://www.harzing.com/download/multilingual.pdf>. Accessed 25 May 2017.

Harzing, A. W., & Feely, A. J. (2008). The language barrier and its implications for HQ-subsubsidiary relationships. *Cross Cultural Management: An International Journal*, 15(1), 49-60.

Harzing, A. W., & 32 country collaborators. (2005). The use of English questionnaires in cross-national research: Does cultural accommodation obscure national differences? *International Journal of Cross-Cultural Management*, 5(2), 213-224.

Harzing, A. W., Köster, K., & Magner, U. (2011). Babel in business: The language barrier and its solutions in the HQ-subsubsidiary relationship, *Journal of World Business*, 46(3), 279-287.

Harzing, A. W., Maznevski, M., & and country collaborators. (2002). The interaction between language and culture: A test of the cultural accommodation hypothesis in seven countries, *Language and Intercultural Communication*, 2(2), 120-139.

Harzing, A. W., & Pudelko, M. (2013). Language competencies, policies and practices in multinational corporations: A comprehensive review and comparison of Anglophone, Asian, Continental European and Nordic MNCs. *Journal of World Business*, 48(1), 87-97.

Harzing, A. W., Pudelko, M. (2014). Hablas vielleicht un peu la mia language? A comprehensive overview of the role of language differences in headquarters-subsubsidiary communication, *International Journal of Human Resource Management*, 25(5), 696-717.

- Heikkilä, J.-P., & Smale, A. (2011). The effects of language standardization on the acceptance and use of e-HRM systems in foreign subsidiaries. *Journal of World Business*, 46(3), 305-313.
- Hicks, D. L., Santacreu-Vasut, E., & Shoham, A. (2015). Does mother tongue make for women's work? Linguistics, household labor, and gender identity. *Journal of Economic Behavior & Organization*, 110, 19-44.
- Hinds, P. J., Neeley, T. B., & Cramton, C. D. (2014). Language as a lightning rod: Power contests, emotion regulation, and subgroup dynamics in global teams. *Journal of International Business Studies*, 45(5), 536-561.
- Hitt, M. A., Beamish, P. W., Jackson, S. E., & Mathieu, J. E. (2007). Building theoretical and empirical bridges across levels: Multilevel research in management. *Academy of Management Journal*, 50(6), 1385-1399.
- Holden, N. (1987). The treatment of language and linguistic issues in the current English-language international management literature. *Multilingua - Journal of Cross-Cultural and Interlanguage Communication*, 6(3), 233-246.
- Holden, N. (2008). Reflections of a cross cultural scholar: Context and language in management thought. *International Journal of Cross Cultural Management*, 8(2), 239-251.
- Holden, N. J., & Michailova, S. (2014). A more expansive perspective on translation in IB research: Insights from the Russian handbook of knowledge management. *Journal of International Business Studies*, 45(7), 906-918.
- Holden, N., Michailova, S., & Tietze, S. (2015). (Eds.) *The Routledge Companion to Cross-Cultural Management* (pp. 142-150). New York: Routledge.
- Holmes, J. (2008). *Gendered talk at work: Constructing gender identity through workplace discourse* (Vol. 3). Malden, MA: John Wiley & Sons.
- Horn, S. A. (2015). The front end of interdisciplinarity: an acculturation framework for explaining varieties of engagement. *Issues in Interdisciplinary Studies*, 33, 210-240.
- Hosoda, M., Nguyen, L. T., & Stone-Romero, E. F. (2012). The effect of Hispanic accents on employment decisions. *Journal of Managerial Psychology*, 27(4), 347-364.
- House, J. (1996). Contrastive discourse analysis and misunderstanding: The case of German and English. In M. Hellinger & U. Ammon (Eds.) *Contrastive sociolinguistics* (pp. 345-361). Berlin: de Gruyter.
- Humboldt, W. von. (1836). *Über die Verschiedenheit des menschlichen Sprachbaues und ihren Einfluss auf die geistige Entwicklung des Menschengeschlechts*. Berlin: F. Dümmler.
- Hurmerinta, L., Nummela, N., & Paavilainen-Mäntymäki, E. (2015). Opening and closing doors: The role of language in international opportunity recognition and exploitation. *International Business Review*, 24(6), 1082-1094.
- Hutchinson, W. (2005). Linguistic distance as a determinant of bilateral trade. *Southern Economic Journal*, 72(1), 1-15.
- Itani, S., Järlström, M., & Piekkari, R. (2015). The meaning of language skills for career mobility in the new career landscape. *Journal of World Business*, 50(2), 368-378.

- Janssens, M., & Steyaert, C. (2014). Re-considering language within a cosmopolitan understanding: Toward a multilingual franca approach in international business studies. *Journal of International Business Studies*, 45(5), 623-639.
- Johanson, J., & Vahlne, J. E. (1977). The internationalization process of the firm—a model of knowledge development and increasing foreign market commitments. *Journal of International Business Studies*, 8(1), 23-32.
- Joshi, A. M., & Lahiri, N. (2014). Language friction and partner selection in cross-border R&D alliance formation. *Journal of International Business Studies*, 46(2), 123-152.
- Kankaanranta, A. & Planken, B. (2010). BELF competence as business knowledge of internationally operating business professionals. *Journal of Business Communication*, 47(4), 380-407.
- Kassis Henderson, J. (2005). Language diversity in international management teams. *International Studies of Management and Organization*, 35(1), 66-82.
- Katzenbach, J. R., & Smith, D. K. (1993). *The wisdom of teams: Creating the high-performance organization*. Berkshire: McGraw-Hill.
- Kedia, B.L., & Reddy, R.K. (2016). Language and cross-border acquisitions: An exploratory study. *International Business Review*, 25(6), 1321-1332.
- Keysar, B., Hayakawa, S., & An, S. G. (2012). The foreign-language effect: Thinking in a foreign tongue reduces decision biases. *Psychological Science*, 23(6), 661-668.
- Klitmøller, A., & Luring, J. (2013). When global virtual teams share knowledge: Media richness, cultural difference and language commonality. *Journal of World Business*, 48(3), 398-406.
- Klitmøller, A., Schneider, S. C., & Jonsen, K. (2015). Speaking of global virtual teams: language differences, social categorization and media choice. *Personnel Review*, 44(2), 270-285.
- Kock, N. (2004). The psychobiological model: towards a new theory of computer-mediated communication based on Darwinian evolution. *Organization Science*, 15(3), 327-348.
- Kockelmans, J. (1979). Why interdisciplinarity. In J. Kockelmans (Ed.), *Interdisciplinarity and higher education* (pp. 123-160). University Park, PA: The Pennsylvania State University Press.
- Kozlowski, S. W. J., Chao, G. T., Grand, J. A., Braun, M. T., & Kuljanin, G. (2013). Advancing multilevel research design: Capturing the dynamics of emergence. *Organizational Research Methods*, 16(4), 581-615.
- Kozlowski, S. W. J., & Klein, K. J. (2000). *A multilevel approach to theory and research in organizations: Foundations, extensions, and new directions* (pp. 3-90). San Francisco, CA: Jossey-Bass.
- Kroon, D. P., Cornelissen, J. P., & Vaara, E. (2015). Explaining employees' reactions towards a cross-border merger: The role of English language fluency. *Management International Review*, 55(6), 775-800.
- Kulkarni, M. (2015). Language-based diversity and faultlines in organizations. *Journal of Organizational Behavior*, 36(1), 128-146.

- Kuznetsov, A., & Kuznetsova, O. (2014). Building professional discourse in emerging markets: Language, context and the challenge of sensemaking. *Journal of International Business Studies*, 45(5), 583-599.
- Larsen, J. D., Fritsch, T., & Grava, S. (1994). A semantic priming test of bilingual language storage and the compound vs. coordinate bilingual distinction with Latvian-English bilinguals. *Perceptual and Motor Skills*, 79(1), 459-466.
- Latukha, M., Piekkari, R., Doleeva, A., Järnlström, M., & Jokinen, T. (2016). Does corporate language influence career mobility? Evidence from MNCs in Russia. *European Management Journal*, 34(4), 363-373.
- Lauring, J., & Selmer, J. (2010). Multicultural organizations: Common language and group cohesiveness. *International Journal of Cross Cultural Management*, 10(3), 267-284.
- Lauring, J., & Selmer, J. (2012). International language management and diversity climate in multicultural organizations. *International Business Review*, 21(2), 156-166.
- Lauring, J., & Klitmøller, A. (2015). Corporate language-based communication avoidance in MNCs: A multi-sited ethnography approach. *Journal of World Business*, 50(1), 46-55.
- Leikin, M. (2016) What do we learn from neurolinguistics? In: V. Ginsburgh, & S. Weber (Eds.). (2016). *The Palgrave handbook of economics and language* (pp. 121-136). New York: Palgrave.
- Lien, D., Oh, C. H., & Selmier, W. T. (2012). Confucius institute effects on China's trade and FDI: Isn't it delightful when folks afar study Hanyu? *International Review of Economics & Finance*, 21(1), 147-155.
- Light, I., Zhou, M., & Kim, R. (2002). Transnationalism and American exports in an English-speaking world. *International Migration Review*, 36(3), 702-725.
- Lohmann, J. (2011). Do language barriers affect trade? *Economic Letters*, 110(2), 159-162.
- Louhiala-Salminen, L., Charles, M., & Kankaanranta, A. (2005). English as a lingua franca in Nordic corporate mergers: Two case companies. *English for Specific Purposes*, 24(4), 401-421.
- Lüdi, G. (1992). Internal migrants in a multilingual country. *Multilingua: Journal of Cross-Cultural and Interlanguage Communication*, 11(1), 45-74.
- Lüdi, G., Höchle, K., & Yanaprasart, P. (2010). Patterns of language use in polyglossic urban areas and multilingual regions and institutions: a Swiss case study. *International Journal of the Sociology of Language*, 205(1), 55-78.
- Luiz, J. M. (2015). The impact of ethno-linguistic fractionalization on cultural measures: Dynamics, endogeneity and modernization. *Journal of International Business Studies*, 46(9), 1080-1098.
- Luna, D., Ringberg, T., & Peracchio, L. (2008). One individual, two identities: Frame Switching among Biculturals. *Journal of Consumer Research*, 35(2), 279-293.
- Luo, Y., & Shenkar, O. (2006). The multinational corporation as a multilingual community: Language and organization in a global context. *Journal of International Business Studies*, 37(3), 321-339.

- Ly, A., Esperanca, J. P., Pereira, I. N., & Amaral-Baptista, M. A. (2013). The ten most influential global languages: exploring their effect on international trade. *Academy of Management Proceedings*, 2013(1), 13992.
- Mäkelä, K., Kalla, H. & Piekkari, R. (2007). Interpersonal similarity as a driver of knowledge sharing within multinational corporations. *International Business Review*, 16(1), 1-22.
- Malul, M., Shoham, A., & Uddin, M. (2016). Linguistic gender marking gap and female staffing at MNC's. *International Journal of Human Resource Management*, 27(20), 2531-2549.
- Mann, L., Radford, M., Burnett, P., Ford, S., Bond, M., Leung, K., Nakamura, H., Vaughan, G., & Yang, K. S. (1998). Cross-cultural differences in self-reported decision-making style and confidence. *International Journal of Psychology*, 33(5), 325-335.
- Marschan, R., Welch, D. E., & Welch, L. S. (1997). Language: the forgotten factor in multinational management. *European Management Journal*, 15(5), 591-98.
- Marschan-Piekkari, R., Welch, D. E., & Welch, L. S. (1999a). Adopting a common corporate language: IHRM implications. *International Journal of Human Resource Management*, 10(3), 377-90.
- Marschan-Piekkari, R., Welch, D. E., & Welch, L. S. (1999b). In the shadow: The impact of language on structure, power and communication in the multinational. *International Business Review*, 8(4), 421-440.
- Melitz, J. (2008). Language and foreign trade. *European Economic Review*, 52(4), 667-699.
- Melitz, J., & Toubal, F. (2014). Native language, spoken language, translation and trade. *Journal of International Economics*, 93(2), 351-363.
- Millot, P. (2017). Inclusivity and exclusivity in English as a Business Lingua Franca: The expression of a professional voice in email communication. *English for Specific Purposes*, 46(1), 59-71.
- Mughan, T. (2015) Introduction: Language and languages – moving from the periphery to the core. In N. Holden, S. Michailova, & S. Tietze (Eds.), *The Routledge companion to cross-cultural management* (pp. 79-84). New York: Routledge.
- Musson, G. (2004). Life histories. In C. Cassell & G. Symon (Eds.), *Essential guide to qualitative methods in organizational research* (pp. 34-44). Thousand Oaks, CA: Sage Publications.
- Neeley, T. B. (2013). Language matters: Status loss and achieved status distinctions in global organizations. *Organization Science*, 24(2), 476-497.
- Neeley, T., & Dumas, T. (2015). Unearned status gain: Evidence from a global language mandate. *Academy of Management Journal*, 49(1), 14-43.
- Neeley, T. B., Hinds, P. J., & Cramton, C. D. (2012). The (un)hidden turmoil of language in global collaboration. *Organizational Dynamics*, 41(3), 236-244.
- Newell, W. H. (2001). A theory of interdisciplinary studies. *Issues in Integrative Studies*, 19, 1-25.
- Nickerson, C. (2005). English as a lingua franca in international business contexts.

English for Specific Purposes, 24(4), 367-380.

Nickerson, C. (2015). The death of the non-native speaker? English as a lingua franca in business communication: A research agenda. *Language Teaching*, 48(3), 390-404.

Peltokorpi, V. (2015). Corporate language proficiency and reverse knowledge transfer in multinational corporations: Interactive effects of communication media richness and commitment to headquarters. *Journal of International Management*, 21(1), 49-62.

Peltokorpi, V. (2017). Absorptive capacity in foreign subsidiaries: The effects of language-sensitive recruitment, language training, and interunit knowledge transfer. *International Business Review*, 26(1), 119-129.

Peltokorpi, V., & Vaara, E. (2012). Language policies and practices in wholly-owned foreign subsidiaries. *Journal of International Business Studies*, 43(9), 808-833.

Peltokorpi, V., & Vaara, E. (2014). Knowledge transfer in multinational corporations: Productive and counterproductive effects of language-sensitive recruitment. *Journal of International Business Studies*, 45(5), 600-622.

Phillips, N., Lawrence, T., & Hardy, C. (2004). Discourse and institutions. *Academy of Management Review*, 29(4), 635-652.

Piekkari, R., Oxelheim, L., & Randøy, T. (2015). The silent board: How language diversity may influence the work processes of corporate boards. *Corporate Governance: An International Review*, 23(1), 25-41.

Piekkari, R., & Tietze, S. (2011). A world of languages: Implications for international management research and practice. *Journal of World Business*, 46(3), 267-269.

Piekkari, R., Vaara, E., Tienari, J., & Sääntti, R. (2005). Integration or disintegration? Human resource implications of the common corporate language decision in a cross-border merger. *International Journal of Human Resource Management*, 16(3), 330-344.

Piekkari, R., Welch, D., & Welch, L. S. (2014). *Language in international business: The multilingual reality of global business expansion*. Cheltenham: Edward Elgar Publishing.

Piekkari, R., Welch, D. E., Welch, L. S., Peltonen, J.-P., & Vesa, T. (2013). Translation behavior: an exploratory study within a multinational. *International Business Review*, 22(5), 771-783.

Piekkari, R., & Zander, L. (2005). Preface. Language and communication in international management. *International Studies of Management and Organization*, 35(1), 3-9.

Piso, Z. (2015). Integration, language, and practice: Wittgenstein and interdisciplinary communication. *Issues in Interdisciplinary Studies*, 33, 14-38.

Pudelko, M., Tenzer, H., & Harzing, A.-W. (2015). Cross-cultural management and language studies within international business research: past and present orthodoxies and suggestions for future research. In N. Holden, S. Michailova, & S. Tietze (Eds.), *The Routledge Companion to Cross-Cultural Management* (pp. 85-94). New York: Routledge.

Puntoni, S., de Langhe, B., & van Osselaer, S. M. J. (2009). Bilingualism and the emotional intensity of advertising language. *Journal of Consumer Research*, 35(6), 1012-1025.

- Pütz, M., & Neff-van Aertselear, J. (2008). Introduction: developing contrastive pragmatics. In M. Pütz & J. Neff-van Aertselear (Eds.) *Developing contrastive pragmatics: Interlanguage and cross-cultural perspectives* (pp. 155-180). Berlin: de Gruyter.
- Reiche, S., Harzing, A. W., & Pudelko, M. (2015). Why and how does shared language affect subsidiary knowledge inflows? A social identity perspective. *Journal of International Business Studies*, 46(5), 528-551.
- Repko, A.F. (2007). Integrating interdisciplinarity: How the theories of common ground and cognitive interdisciplinarity are informing the debate on interdisciplinary integration. *Issues in Integrative Studies*, 25, 1-31.
- Riagáin, P. Ó., & Lüdi, G. (2003). *Bilingual education: Some policy issues*. Strasbourg: Council of Europe.
- Ridge, J. W., & Ingram, A. (2014). Modesty in the top management team investor reaction and performance implications. *Journal of Management*, 43(4), 1283-1306.
- Roberts, C. (2007). Multilingualism in the workplace. In: P. Auer, & L. Wei (Eds.). *Handbook of multilingualism and multilingual communication* (Vol. 5) (pp. 405-422). Berlin: de Gruyter.
- Robinson, S. L., O'Reilly, J., & Wang, W. (2012). Invisible at work an integrated model of workplace ostracism. *Journal of Management*, 39(1), 203-231.
- Rogers, Y., Scaife, M. & Rizzo, A. (2005). Interdisciplinarity: An emergent or engineered process? In S. Derry, C. Schunn & M. Gernsbacher (Eds.), *Interdisciplinary collaboration: An emerging cognitive science* (pp. 265-285). Mahwah, NJ: Lawrence Erlbaum.
- San Antonio, P. M. (1987). Social mobility and language use in an American company in Japan. *Journal of Language and Social Psychology*, 6(3-4), 191-200.
- Sanden, G. R. (2016). Language: the sharpest tool in the business strategy toolbox. *Corporate Communications: An International Journal*, 21(3), 274-288.
- Santacreu-Vasut, E., Shenkar, O., & Shoham, A. (2014). Linguistic gender marking and its ramifications. *Journal of International Business Studies*, 45(9), 1170-1178.
- Sapir, E. (1921). *Language*. New York: Harcourt, Brace.
- Sapir, E. (1951) [1929]. The status of linguistics as a science. In D. Mandelbaum (Ed.) *Selected writings*. Berkeley, CA: University of California Press. Originally: *Language*, 5(4), 207-214.
- Sauter, N. (2012). Talking trade: language barriers in intra-Canadian commerce. *Empirical Economics*, 42(1), 301-323.
- Schau, H.J., Dang, Y.M. and Zhang, Y.G. (2017). Learning to navigate the American retail servicescape: Online forums as consumer acculturation platforms and consumer gift systems. *Journal of Business Research*, 72, 178-188.
- Schiffrin, D., Tannen, D., & Hamilton, H. E. (Eds.). (2008). *The handbook of discourse analysis*. Malden, MA: Blackwell Publishing.
- Schmitt, B. H., Pan, Y., & Tavassoli, N. T. (1994). Language and consumer memory: The impact of linguistic differences between Chinese and English. *Journal of Consumer Research*, 21(3), 419-431.

- Selmer, J., & Lauring, J. (2015). Host country language ability and expatriate adjustment: The moderating effect of language difficulty. *International Journal of Human Resource Management*, 26(3), 401-420.
- Selmier, T., & Oh, C. H. (2012). International business complexity and the internationalization of languages. *Business Horizons*, 55(2), 189-200.
- Selmier, W. T., & Oh, C. H. (2013). The power of major trade languages in trade and foreign direct investment. *Review of International Political Economy*, 20(3), 486-514.
- Sims, B., & Guice, S. (1992). Differences between business letters from native and non-native speakers of English. *Journal of Business Communication*, 29(1), 23-39.
- Śliwa, M., & Johansson, M. (2014). How non-native English-speaking staff are evaluated in linguistically diverse organizations: A sociolinguistic perspective. *Journal of International Business Studies*, 45(9), 1133-1151.
- Śliwa, M., & Johansson, M. (2015). Playing in the academic field: Non-native English-speaking academics in UK business schools. *Culture and Organization*, 21(1), 78-95.
- Smith, R., & Anderson, A. R. (2007). Recognizing meaning: semiotics in entrepreneurial research. In H. Neergaard, & J. P. Ulhøi: *Handbook of qualitative research methods in entrepreneurship research* (pp. 169-192). Cheltenham: Edward Elgar.
- Sporer, S. L., & Schwandt, B. (2006). Paraverbal indicators of deception: a meta-analytic synthesis. *Applied Cognitive Psychology*, 20(4), 421-446.
- Springer (2015). JIBS Fact Sheet.
http://static.springer.com/sgw/documents/1560276/application/pdf/JIBS_Fact_Sheet_2015-08.pdf. Accessed 27 March 2017
- Steyaert, C., Ostendorp, A., & Gaibrois, C. (2011). Multilingual organizations as “linguascapes”: Negotiating the position of English through discursive practices. *Journal of World Business*, 46(3), 270-278.
- Stone, D. A. (2013). Beyond common ground: A transdisciplinary approach to interdisciplinary communication and collaboration. In M. O'Rourke, S. Crowley, S. D. Eigenbrode, & J. D. Wulfhorst (Eds.), *Enhancing communication and collaboration in interdisciplinary research* (pp. 82-102). Thousand Oaks, CA: Sage Publications.
- Sui, S., Morgan, H. M., & Baum, M. (2015). Internationalization of immigrant-owned SMEs: The role of language. *Journal of World Business*, 50(4), 804-814.
- Sutter, M., Angerer, S., Glätzle-Rützler, D., & Lergetporer, P. (2015). The effect of language on economic behavior: Experimental evidence from children's intertemporal choices. IZA Discussion Paper No. 9383. <http://ftp.iza.org/dp9383.pdf>
- Swift, J. S. (1991). Foreign language ability and international marketing. *European Journal of Marketing*, 25(12), 36-49.
- Szostak, R. (2013). The state of the field: Interdisciplinary research. *Issues in Interdisciplinary Studies*, 31, 44-65.
- Tajfel, H., & Turner, J. C. (1979). An integrative theory of intergroup conflict. In W. G. Austin & S. Worchels (Eds.), *The social psychology of intergroup relations* (pp. 33-47). Monterey, CA: Brooks/Cole.
- Takano, Y., & Noda, A. (1995). Interlanguage dissimilarity enhances the decline of

- thinking ability during foreign language processing. *Language Learning*, 45(4), 657-681.
- Tenzer, H., & Pudelko, M. (2015). Leading across language barriers: Managing language-induced emotions in multinational teams. *The Leadership Quarterly*, 26(4), 606-625.
- Tenzer, H. & Pudelko, M. (2016). Media choice in multilingual virtual teams. *Journal of International Business Studies*, 47(4), 427-452.
- Tenzer, H., & Pudelko, M. (2017). The influence of language differences on power dynamics in multinational teams. *Journal of World Business*, 52(1), 45-61.
- Tenzer, H., Pudelko, M., & Harzing, A.-W. (2014). The impact of language barriers on trust formation in multinational teams. *Journal of International Business Studies*, 45(5), 508-535.
- Terjesen, S., Hessels, J., & Li, D. (2016). Comparative International Entrepreneurship A Review and Research Agenda. *Journal of Management*, 42(1), 299-344.
- Thatcher, S. M. B., & Patel, P. C. (2012). Group faultlines: A review, integration, and guide to future research. *Journal of Management*, 38(4), 969-1009.
- Tietze, S., & Dick, P. (2013). The victorious English language: Hegemonic practices in the management academy. *Journal of Management Inquiry*, 22(1), 122-134.
- Tietze, S., Holden, N. & Barner-Rasmussen, W. (2016). Language use in multinational corporations: the role of special languages and corporate idelects. In V. Ginsburgh, & S. Weber (Eds.) *The Palgrave handbook of economics and language* (pp. 312.341). New York: Palgrave.
- Touchstone, E. E., Koslow, S., Shamdasani, P. N. and D'Alessandro, S. (2017). The linguistic servicescape: Speaking their language may not be enough. *Journal of Business Research*, 72, 147-157.
- Tranfield, D. R., Denyer, D., & Smart, P. (2003). Towards a methodology for developing evidence-informed management knowledge by means of systematic review. *British Journal of Management*, 14(3), 207-222.
- Tsalikis, J., Ortiz-Buonafina, M., LaTour, M. (1992). The role of accent on the credibility and effectiveness of the international business person: the case of Guatemala. *International Marketing Review*, 9(4), 57-72.
- Urbig, D., Terjesen, S., Procher, V., Muehlfeld, K., & van Witteloostuijn, A. (2016). Come on and take a free ride: Contributing to public goods in native and foreign language settings. *Academy of Management Learning & Education*, 15(2), 268-286.
- Vaara, E., Tienari, J., Piekkari, R., & Sääntti, R. (2005). Language and the circuits of power in merging multinational corporation, *Journal of Management Studies*, 42(3), 595-623.
- Venard, B. (2007). Making sense of research: The dynamics of management research in France. *Prometheus*, 25(2), 125-145.
- Virkkula-Räisänen, T. (2010). Linguistic repertoires and semiotic resources in interaction – a Finnish manager as a mediator in a multilingual meeting. *Journal of Business Communication*, 47(4), 505-531.

- Volk, S., Köhler, T., & Pudielko, M. (2014). Brain drain: The cognitive neuroscience of foreign language processing in multilingual organizations. *Journal of International Business Studies*, 45(7), 862-885.
- Voss, J., Albert, I., & Ferring, D. (2014). Language use and value orientations in multinational work teams in Luxembourg: Conflict or harmony? *International Journal of Intercultural Relations*, 41, 192-196.
- Wadhwa, V., Saxenian, A., Rissing, B. A., & Gereffi, G. (2007). America's new immigrant entrepreneurs: Part I. Duke STI Paper No. 23. <http://ssrn.com/abstract=990152>
- Wardhaugh, R., & Fuller, J. M. (2015). *An introduction to sociolinguistics*. 7th ed. Chichester: John Wiley & Sons.
- Wear, D. N. (1999). Challenges to interdisciplinary discourse. *Ecosystems*, 2(4), 299-301.
- Welch, D. E., & Welch, L. S. (2008). The importance of language in international knowledge transfer. *Management International Review*, 48(3), 339-360.
- Welch, D. E., & Welch, L. S. (2015). Developing multilingual capacity: A challenge for the multinational enterprise. *Journal of Management*, doi: 10.1177/0149206315594846.
- Welch, C., Marschan-Piekkari, R., Penttinen, H., & Tahvanainen, M. (2002). Corporate elites as informants in qualitative international business research. *International Business Review*, 11(5), 611-628.
- Whorf, B. L. (1956) [1940]. *Language, thought, and reality: Selected writings of Benjamin Lee Whorf*. Edited by Carroll, J.B. Cambridge, MA: MIT Press.
- Wierzbicka, A. (2003). *Cross-cultural pragmatics: The semantics of human interaction*. Berlin: de Gruyter.
- Wood, R., & Bandura, A. (1989). Social cognitive theory of organizational management. *Academy of Management Review*, 14(3), 361-384.
- World Values Survey (WVS). (2014). <http://www.worldvaluessurvey.org/wvs.jsp>
- Zhang, C., Laroche, M., & Richard, M. O. (2017). The differential roles of verbs, nouns, and adjectives in English and Chinese messages among bilingual consumers. *Journal of Business Research*, 72, 127-135.
- Zhang, L. E., & Harzing, A. W. (2016). From dilemmatic struggle to legitimized indifference: Expatriates' host country language learning and its impact on the expatriate-HCE relationship. *Journal of World Business*, 51(5), 774-786.
- Zhang, L. E., & Peltokorpi, V. (2015). Multifaceted effects of host country language proficiency. *The International Journal of Human Resource Management*, 27(13), 1448-1469.

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Full bibliography of all reviewed articles

Helene Tenzer, Siri Terjesen, and Anne-Wil Harzing

- Ahmad, F., & Widén, G. (2015). Language clustering and knowledge sharing in multilingual organizations: A social perspective on language. *Journal of Information Science*, 41(4), 430-443.
- Akkermans, D., Harzing, A. W., & Van Witteloostuijn, A. (2010). Cultural accommodation and language priming. *Management International Review*, 50(5), 559-583.
- Alvarez, C. M., Taylor, K. A., & Gomez, C. (2017). The effects of Hispanic bilinguals language use and stereotype activation on negotiations outcomes. *Journal of Business Research*, 72, 158-167.
- Ambos, T. C., & Ambos, B. (2009). The impact of distance on knowledge transfer effectiveness in multinational corporations. *Journal of International Management*, 15(1), 1-14.
- Andersen, H., & Rasmussen, E. S. (2004). The role of language skills in corporate communication. *Corporate Communications: An International Journal*, 9(3), 231-242.
- Angouri, J. (2013). The multilingual reality of the multinational workplace: Language policy and language use. *Journal of Multilingual and Multicultural Development*, 34(6), 564-581.
- Angouri, J., & Miglbauer, M. (2014). 'And then we summarise in English for the others': The lived experience of the multilingual workplace. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 147-172.
- Babcock, R. D., & Du-Babcock, B. (2001). Language-based communication zones in international business communication. *The Journal of Business Communication*, 38(4), 372-412.
- Balaji, M. S., Roy, S. K., & Lassar, W. M. (2017). Language divergence in service encounters: Revisiting its influence on word-of-mouth. *Journal of Business Research*, 72, 210-213.
- Barner-Rasmussen, W., & Aarnio, C. (2011). Shifting the faultlines of language: A quantitative functional-level exploration of language use in MNC subsidiaries. *Journal of World Business*, 46(3), 288-295.
- Barner-Rasmussen, W., & Björkman, I. (2005). Surmounting interunit barriers factors associated with interunit communication intensity in the multinational corporation. *International Studies of Management & Organization*, 35(1), 28-46.
- Barner-Rasmussen, W., & Björkman, I. (2007). Language fluency, socialization and inter-unit relationships in Chinese and Finnish subsidiaries. *Management and Organization Review*, 3(1), 105-128.

- Barner-Rasmussen, W., Ehrnrooth, M., Koveshnikov, A., & Mäkelä, K. (2014). Cultural and language skills as resources for boundary spanning within the MNC. *Journal of International Business Studies*, 45(7), 886-905.
- Bell, M. L., & Puzakova, M. (2017). ¿ Y Usted? Social influence effects on consumers' service language preferences. *Journal of Business Research*, 72, 168-177.
- Berthoud, A. C., Grin, F., & Lüdi, G. (2015). THE DYLAN Project: "Language Dynamics and Management of Diversity". *European Journal of Applied Linguistics*, 3(1), 145-153.
- Björkman, A., & Piekkari, R. (2009). Language and foreign subsidiary control: An empirical test. *Journal of International Management*, 15(1), 105-117.
- Blenkinsopp, J., & Shademan Pajouh, M. (2010). Lost in translation? Culture, language and the role of the translator in international business. *Critical perspectives on international business*, 6(1), 38-52.
- Bordia, S., & Bordia, P. (2015). Employees' willingness to adopt a foreign functional language in multilingual organizations: The role of linguistic identity. *Journal of International Business Studies*, 46(4), 415-428.
- Boussebaa, M., Sinha, S., & Gabriel, Y. (2014). Englishization in offshore call centers: A post-colonial perspective. *Journal of International Business Studies*, 45(9), 1152-1169.
- Brown, I., & Sachdev, I. (2009). Bilingual behaviour, attitudes, identity and vitality: Some data from Japanese speakers in London, UK. *Journal of Multilingual and Multicultural Development*, 30(4), 327-343.
- Buckley, P. J., Carter, M. J., Clegg, J., & Tan, H. (2005). Language and social knowledge in foreign-knowledge transfer to China. *International Studies of Management & Organization*, 35(1), 47-65.
- Buckley, P. J., Chapman, M., Clegg, J., & Gajewska-De Mattos, H. (2014). A linguistic and philosophical analysis of emic and etic and their use in international business research. *Management International Review*, 54(3), 307-324.
- Butler, C. L. (2011). I know how! You know how! We know how! The multinational matter of language use in task teams. *International Journal of Human Resources Development and Management*, 11(2-4), 221-234.
- Cayla, J., & Bhatnagar, K. (2017). Language and power in India's "new services". *Journal of Business Research*, 72, 189-198.
- Charles, M. (2007). Language matters in global communication article based on ORA lecture, October 2006. *Journal of Business communication*, 44(3), 260-282.
- Charles, M., & Marschan-Piekkari, R. (2002). Language training for enhanced horizontal communication: A challenge for MNCs. *Business Communication Quarterly*, 65(2), 9-29.
- Chen, M. K. (2013). The effect of language on economic behavior: Evidence from savings rates, health behaviors, and retirement assets. *The American Economic Review*, 103(2), 690-731.
- Chen, S., Geluykens, R., & Choi, C. J. (2006). The importance of language in global teams: A linguistic perspective. *Management International Review*, 46(6), 679-696.

- Chidlow, A., Plakoyiannaki, E., & Welch, C. (2014). Translation in cross-language international business research: Beyond equivalence. *Journal of International Business Studies*, 45(5), 562-582.
- Chong, A., Guillen, J., & Rios, V. (2010). Language nuances and socioeconomic outcomes. *American Journal of Economics and Sociology*, 69(2), 693-716.
- Cleveland, M., Laroche, M., Takahashi, I., & Erdoğan, S. (2014). Cross-linguistic validation of a unidimensional scale for cosmopolitanism. *Journal of Business Research*, 67(3), 268-277.
- Cohen, L., & Kassis-Henderson, J. (2012). Language use in establishing rapport and building relations: implications for international teams and management education. *Management & Avenir*, (5), 185-207.
- Comu, S., Unsal, H. I., & Taylor, J. E. (2010). Dual impact of cultural and linguistic diversity on project network performance. *Journal of Management in Engineering*, 27(3), 179-187.
- Conaway, R. N., & Wardrope, W. J. (2010). Do their words really matter? Thematic analysis of US and Latin American CEO letters. *The Journal of Business Communication*, 47(2), 141-168.
- Crick, D. (1999). An investigation into SMEs' use of languages in their export operations. *International Journal of Entrepreneurial Behavior & Research*, 5(1), 19-31.
- Cuypers, I. R., Ertug, G., & Hennart, J. F. (2015). The effects of linguistic distance and lingua franca proficiency on the stake taken by acquirers in cross-border acquisitions. *Journal of International Business Studies*, 46(4), 429-442.
- Debaere, P., Lee, H., & Lee, J. (2013). Language, ethnicity and intrafirm trade. *Journal of Development Economics*, 103, 244-253.
- de Groot, E. (2012). Personal preference or policy? Language choice in a European-based international organization. *Corporate Communications: An International Journal*, 17(3), 255-271.
- Dhir, K. S. (2005). The value of language: concept, perspectives, and policies. *Corporate Communications: An International Journal*, 10(4), 358-382.
- Dhir, K. S., & Gòkè-Paríolá, A. (2002). The case for language policies in multinational corporations. *Corporate Communications: An International Journal*, 7(4), 241-251.
- Dhir, K. S., & Savage, T. (2002). The value of a working language. *International Journal of the Sociology of Language*, 158, 1-36.
- Dotan-Eliaz, O., Sommer, K. L., & Rubin, Y. S. (2009). Multilingual groups: Effects of linguistic ostracism on felt rejection and anger, coworker attraction, perceived team potency, and creative performance. *Basic and Applied Social Psychology*, 31(4), 363-375.
- Dow, D., Cuypers, I. R., & Ertug, G. (2016). The effects of within-country linguistic and religious diversity on foreign acquisitions. *Journal of International Business Studies*, 47(3), 319-346.
- Du-Babcock, B. (2006). An analysis of topic management strategies and turn-taking behavior in the Hong Kong bilingual environment: The impact of culture and language use. *The Journal of Business Communication*, 43(1), 21-42.

- Du-Babcock, B. (2007). Language-based communication zones and professional genre competence in business and organizational communication: A cross-cultural case approach. *Journal of Asian Pacific Communication*, 17(1), 149-171.
- Du-Babcock, B., & Tanaka, H. (2017). Leadership construction in intra-Asian English as lingua franca decision-making meetings. *International Journal of Business Communication*, 54(1), 83-98.
- Egger, P. H., & Lassmann, A. (2015). The causal impact of common native language on international trade: evidence from a spatial regression discontinuity design. *The Economic Journal*, 125(584), 699-745.
- Ehrenreich, S. (2010). English as a business lingua franca in a German multinational corporation meeting the challenge. *Journal of Business Communication*, 47(4), 408-431.
- Evans, L. (2004). Language, translation and the problem of international accounting communication. *Accounting, Auditing & Accountability Journal*, 17(2), 210-248.
- Evans, S. (2013). Perspectives on the use of English as a Business Lingua Franca in Hong Kong. *The Journal of Business Communication*, 50(3), 227-252.
- Feely, A. J., & Harzing, A. W. (2003). Language management in multinational companies. *Cross Cultural Management: An International Journal*, 10(2), 37-52.
- Fenko, A., Otten, J. J., & Schifferstein, H. N. (2010). Describing product experience in different languages: The role of sensory modalities. *Journal of Pragmatics*, 42(12), 3314-3327.
- Fernandez-Ortiz, R., & Lombardo, G. F. (2009). Influence of the capacities of top management on the internationalization of SMEs. *Entrepreneurship and Regional Development*, 21(2), 131-154.
- Fidrmuc, J., & Fidrmuc, J. (2016). Foreign languages and trade: evidence from a natural experiment. *Empirical Economics*, 50(1), 31-49.
- Fixman, C. S. (1990). The foreign language needs of US-based corporations. *The ANNALS of the American Academy of Political and Social Science*, 511(1), 25-46.
- Fredriksson, R., Barner-Rasmussen, W., & Piekkari, R. (2006). The multinational corporation as a multilingual organization: The notion of a common corporate language. *Corporate Communications: An International Journal*, 11(4), 406-423.
- Freeman, M. M., & Olson-Buchanan, J. B. (2013). The relations between expatriate personality and language fluency and its effect on host country adjustment: An empirical study. *International Journal of Management*, 30(2), 393-401.
- Froese, F. J., Kim, K., & Eng, A. (2016). Language, cultural intelligence, and inpatriate turnover intentions: Leveraging values in multinational corporations through inpatriates. *Management International Review*, 56(2), 283-301.
- Fujio, M. (2004). Silence during intercultural communication: A case study. *Corporate Communications: An International Journal*, 9(4), 331-339.
- Goodall, K., Li, N., & Warner, M. (2006). Expatriate managers in China: The influence of Chinese culture on cross-cultural management. *Journal of General Management*, 32(2), 57-76.
- Graf, A. (2004). Expatriate selection: An empirical study identifying significant skill profiles. *Thunderbird International Business Review*, 46(6), 667-685.

- Gray, J. V., & Massimino, B. (2014). The effect of language differences and national culture on operational process compliance. *Production and Operations Management*, 23(6), 1042-1056.
- Groutsis, D., O'Leary, J., & Russell, G. (2016). Capitalizing on the cultural and linguistic diversity of mobile talent: lessons from an Australian study. *The International Journal of Human Resource Management*, 09585192.2016.1239213.
- Gunnarsson, B. L. (2014). Multilingualism in European workplaces. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 11-33.
- Hadjichristidis, C., Geipel, J., & Surian, L. (2016). How foreign language affects decisions: Rethinking the brain-drain model. *Journal of International Business Studies*, s41267-016-0040-1.
- Handford, M., & Matous, P. (2015). Problem-solving discourse on an international construction site: Patterns and practices. *English for Specific Purposes*, 38, 85-98.
- Harris, S., & Bargiela-Chiappini, F. (2003). Business as a site of language contact. *Annual Review of Applied Linguistics*, 23, 155-169.
- Harzing, A. W. (2005). Does the use of English-language questionnaires in cross-national research obscure national differences?. *International Journal of Cross Cultural Management*, 5(2), 213-224.
- Harzing, A. W., Baldueza, J., Barner-Rasmussen, W., Barzantny, C., Canabal, A., Davila, A., ... & Zander, L. (2009). Rating versus ranking: What is the best way to reduce response and language bias in cross-national research?. *International Business Review*, 18(4), 417-432.
- Harzing, A. W., & Feely, A. J. (2008). The language barrier and its implications for HQ-subsubsidiary relationships. *Cross Cultural Management: An International Journal*, 15(1), 49-61.
- Harzing, A. W., Köster, K., & Magner, U. (2011). Babel in business: The language barrier and its solutions in the HQ-subsubsidiary relationship. *Journal of World Business*, 46(3), 279-287.
- Harzing, A. W., & Maznevski, M. (2002). The interaction between language and culture: A test of the cultural accommodation hypothesis in seven countries. *Language and Intercultural Communication*, 2(2), 120-139.
- Harzing, A. W., & Pudelko, M. (2013). Language competencies, policies and practices in multinational corporations: A comprehensive review and comparison of Anglophone, Asian, Continental European and Nordic MNCs. *Journal of World Business*, 48(1), 87-97.
- Harzing, A. W., & Pudelko, M. (2014). Hablas vielleicht un peu la mia language? A comprehensive overview of the role of language differences in headquarters–subsidiary communication. *The International Journal of Human Resource Management*, 25(5), 696-717.
- Hechavarría, D. M., Terjesen, S. A., Stenholm, P., Brännback, M., & Lång, S. (2017). More than words: Do gendered linguistic structures widen the gender gap in entrepreneurial activity?. *Entrepreneurship Theory and Practice*, etap.12278.
- Heikkilä, J. P., & Smale, A. (2011). The effects of 'language standardization' on the acceptance and use of e-HRM systems in foreign subsidiaries. *Journal of World Business*, 46(3), 305-313.

- Hicks, D. L., Santacreu-Vasut, E., & Shoham, A. (2015). Does mother tongue make for women's work? Linguistics, household labor, and gender identity. *Journal of Economic Behavior & Organization*, 110, 19-44.
- Hinds, P. J., Neeley, T. B., & Cramton, C. D. (2014). Language as a lightning rod: Power contests, emotion regulation, and subgroup dynamics in global teams. *Journal of International Business Studies*, 45(5), 536-561.
- Holden, N. J. (1987). The treatment of language and linguistic issues in the current English-language international management literature. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 6(3), 233-246.
- Holden, N. J. (1998). Viewpoint: international marketing studies-time to break the English-language strangle-hold?. *International Marketing Review*, 15(2), 86-100.
- Holden, N. J. (2008). Reflections of a cross cultural scholar: Context and language in management thought. *International Journal of Cross Cultural Management*, 8(2), 239-251.
- Holden, N. J., Kuznetsov, A., & Whitelock, J. (2008). Russia's struggle with the language of marketing in the communist and post-communist eras. *Business History*, 50(4), 474-488.
- Holden, N. J., & Michailova, S. (2014). A more expansive perspective on translation in IB research: Insights from the Russian Handbook of Knowledge Management. *Journal of International Business Studies*, 45(7), 906-918.
- Horn, S. (2017). Non-English Nativeness as Stigma in Academic Settings. *Academy of Management Learning & Education*, amle-2015-0194.
- Hosoda, M., Nguyen, L. T., & Stone-Romero, E. F. (2012). The effect of Hispanic accents on employment decisions. *Journal of Managerial Psychology*, 27(4), 347-364.
- Hua, Z. (2014). Piecing together the 'workplace multilingualism' jigsaw puzzle. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 233-242.
- Hultgren, A. K. (2014). Whose parallellingualism? Overt and covert ideologies in Danish university language policies. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 61-87.
- Hurmerinta, L., Nummela, N., & Paavilainen-Mäntymäki, E. (2015). Opening and closing doors: the role of language in international opportunity recognition and exploitation. *International Business Review*, 24(6), 1082-1094.
- Hutchinson, W. K. (2002). Does ease of communication increase trade? Commonality of language and bilateral trade. *Scottish Journal of Political Economy*, 49(5), 544-556.
- Hutchinson, W. K. (2005). "Linguistic distance" as a determinant of bilateral trade. *Southern Economic Journal*, 72(1), 1-15.
- Hwang, K. (2013). Effects of the language barrier on processes and performance of international scientific collaboration, collaborators' participation, organizational integrity, and interorganizational relationships. *Science Communication*, 35(1), 3-31.
- Ishii, K. (2012). Dual organizational identification among Japanese expatriates: The role of communication in cultivating subsidiary identification and outcomes. *The International Journal of Human Resource Management*, 23(6), 1113-1128.

- Isphording, I. E. (2013). Returns to foreign language skills of immigrants in Spain. *Labour*, 27(4), 443-461.
- Isphording, I. E., & Otten, S. (2013). The costs of Babylon—linguistic distance in applied economics. *Review of International Economics*, 21(2), 354-369.
- Itani, S., Järnlström, M., & Piekkari, R. (2015). The meaning of language skills for career mobility in the new career landscape. *Journal of World Business*, 50(2), 368-378.
- Janssens, M., Lambert, J., & Steyaert, C. (2004). Developing language strategies for international companies: The contribution of translation studies. *Journal of World Business*, 39(4), 414-430.
- Janssens, M., & Steyaert, C. (2014). Re-considering language within a cosmopolitan understanding: Toward a multilingual franca approach in international business studies. *Journal of International Business Studies*, 45(5), 623-639.
- Jansson, G. (2014). Bridging language barriers in multilingual care encounters. *Multilingual Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 201-232.
- Jeanjean, T., Lesage, C., & Stolowy, H. (2010). Why do you speak English (in your annual report)? *The International Journal of Accounting*, 45(2), 200-223.
- Jeanjean, T., Stolowy, H., Erkens, M., & Yohn, T. L. (2015). International evidence on the impact of adopting English as an external reporting language. *Journal of International Business Studies*, 46(2), 180-205.
- Johansson, M., & Śliwa, M. (2016). 'It is English and there is no Alternative': Intersectionality, Language and Social/Organizational Differentiation of Polish Migrants in the UK. *Gender, Work & Organization*, 23(3), 296-309.
- Joshi, A. M., & Lahiri, N. (2015). Language friction and partner selection in cross-border R&D alliance formation. *Journal of International Business Studies*, 46(2), 123-152.
- Jung, Y., & Louhiala-Salminen, L. (2012). Korean employees are direct: (Im)politeness and rapport in international professional encounters. *Dispute Resolution Studies Review*, 10(2), 179-210.
- Kameda, N. (2005). A research paradigm for international business communication. *Corporate Communications: An International Journal*, 10(2), 168-182.
- Kankaanranta, A. (2006). "Hej Seppo, Could you pls comment on this!" - Internal email communication in lingua franca English in a multinational company. *Business Communication Quarterly*, 69(2), 216-225.
- Kankaanranta, A., & Louhiala-Salminen, L. (2010). "English?—Oh, it's just work!": A study of BELF users' perceptions. *English for Specific Purposes*, 29(3), 204-209.
- Kankaanranta, M., & Salminen, L. L. (2013). "What language does global business speak?" - The concept and development of BELF. *Ibérica, the Journal of the European Association of Languages for Specific Purposes*, 26, 17-34.
- Kankaanranta, A., Louhiala-Salminen, L., & Karhunen, P. (2015). English in multinational companies: implications for teaching "English" at an international business school. *Journal of English as a Lingua Franca*, 4(1), 125-148.

- Kankaanranta, A., & Lu, W. (2013). The evolution of English as the business lingua franca: Signs of convergence in Chinese and Finnish professional communication. *Journal of Business and Technical Communication*, 27(3), 288-307.
- Kankaanranta, A., & Planken, B. (2010). BELF competence as business knowledge of internationally operating business professionals. *Journal of Business Communication*, 47(4), 380-407.
- Kassis Henderson, J. (2005). Language diversity in international management teams. *International Studies of Management & Organization*, 35(1), 66-82.
- Kedia, B. L., & Reddy, R. K. (2016). Language and cross-border acquisitions: An exploratory study. *International Business Review*, 25(6), 1321-1332.
- Keysar, B., Hayakawa, S. L., & An, S. G. (2012). The foreign-language effect thinking in a foreign tongue reduces decision biases. *Psychological science*, 23(6), 661-668.
- Kim, H. (2016). Language Strategy: Beyond Englishization. *Annals of Business Administrative Science*, 15(5), 221-237.
- Kingsley, L. (2009). Explicit and implicit dimensions of language policy in multilingual banks in Luxembourg: An analysis of top-down and bottom-up pressures on practices. *Language Problems and Language Planning*, 33(2), 153-173.
- Kingsley, L. (2013). Language choice in multilingual encounters in transnational workplaces. *Journal of Multilingual and Multicultural Development*, 34(6), 533-548.
- Klitmøller, A., & Luring, J. (2013). When global virtual teams share knowledge: Media richness, cultural difference and language commonality. *Journal of World Business*, 48(3), 398-406.
- Klitmøller, A., & Luring, J. (2016). When distance is good: a construal level perspective on perceptions of inclusive international language use. *International Business Review*, 25(1), 276-285.
- Klitmøller, A., Schneider, S. C., & Jonsen, K. (2015). Speaking of global virtual teams: language differences, social categorization and media choice. *Personnel Review*, 44(2), 270-285.
- Kordsmeier, W., Arn, J., & Rogers, B. (2000). International perspective: Foreign language needs of US businesses. *Journal of Education for Business*, 75(3), 169-171.
- Kraak, J. M., & Holmqvist, J. (2017). The authentic service employee: Service employees' language use for authentic service experiences. *Journal of Business Research*, 72, 199-209.
- Kroon, D. P., Cornelissen, J. P., & Vaara, E. (2015). Explaining employees' reactions towards a cross-border merger: the role of English language fluency. *Management International Review*, 55(6), 775-800.
- Ku, H., & Zussman, A. (2010). Lingua franca: The role of English in international trade. *Journal of Economic Behavior & Organization*, 75(2), 250-260.
- Kubat, U., & Swaminathan, V. (2015). Crossing the cultural divide through bilingual advertising: The moderating role of brand cultural symbolism. *International Journal of Research in Marketing*, 32(4), 354-362.

- Kulkarni, M. (2015). Language-based diversity and faultlines in organizations. *Journal of Organizational Behavior*, 36(1), 128-146.
- Kuznetsov, A., & Kuznetsova, O. (2014). Building professional discourse in emerging markets: Language, context and the challenge of sensemaking. *Journal of International Business Studies*, 45(5), 583-599.
- Lagerström, K., & Andersson, M. (2003). Creating and sharing knowledge within a transnational team—the development of a global business system. *Journal of World Business*, 38(2), 84-95.
- Latukha, M., Doleeva, A., Järnlström, M., Jokinen, T., & Piekkari, R. (2016). Does corporate language influence career mobility? Evidence from MNCs in Russia. *European Management Journal*, 34(4), 363-373.
- Lauring, J. (2007). Language and ethnicity in international management. *Corporate Communications: An International Journal*, 12(3), 255-266.
- Lauring, J. (2008). Rethinking social identity theory in international encounters: Language use as a negotiated object for identity making. *International Journal of Cross Cultural Management*, 8(3), 343-361.
- Lauring, J., & Klitmøller, A. (2015a). Corporate language-based communication avoidance in MNCs: A multi-sited ethnography approach. *Journal of World Business*, 50(1), 46-55.
- Lauring, J., & Klitmøller, A. (2015b). Inclusive Language Use in Multicultural Business Organizations The Effect on Creativity and Performance. *International Journal of Business Communication*, 2329488415572779.
- Lauring, J., & Selmer, J. (2010). Multicultural organizations: Common language and group cohesiveness. *International journal of cross cultural management*, 10(3), 267-284.
- Lauring, J., & Selmer, J. (2011). Multicultural organizations: common language, knowledge sharing and performance. *Personnel Review*, 40(3), 324-343.
- Lauring, J., & Selmer, J. (2012a). Positive dissimilarity attitudes in multicultural organizations: The role of language diversity and communication frequency. *Corporate Communications: An International Journal*, 17(2), 156-172.
- Lauring, J., & Selmer, J. (2012b). International language management and diversity climate in multicultural organizations. *International Business Review*, 21(2), 156-166.
- Lauring, J., & Selmer, J. (2013). Linguistic diversity and English language use in multicultural organizations: is there a moderating effect of the age of organizational members?. *The International Journal of Human Resource Management*, 24(10), 1985-1996.
- Lauring, J., & Tange, H. (2010). International language management: Contained or dilute communication. *European Journal of International Management*, 4(4), 317-332.
- Lehman-Wilzig, S. (2001). Babbling our way to a new Babel: Erasing the language barriers. *The Futurist*, 35(3), 16-23.
- Lien, D. (2013). Financial effects of the Confucius Institute on Chinese language acquisition: Isn't it delightful that friends come from afar to teach you Hanyu?. *The North American Journal of Economics and Finance*, 24, 87-100.

- Lien, D., Oh, C. H., & Selmier, W. T. (2012). Confucius institute effects on China's trade and FDI: Isn't it delightful when folks afar study Hanyu?. *International Review of Economics & Finance*, 21(1), 147-155.
- Light, I., Zhou, M., & Kim, R. (2002). Transnationalism and American exports in an English-speaking world. *International Migration Review*, 36(3), 702-725.
- Lin, Y. C., & Wang, K. Y. (2016). Language choice in advertising for multinational corporations and local firms: A reinquiry focusing on monolinguals. *Journal of Advertising*, 45(1), 43-52.
- Logemann, M., & Piekkari, R. (2015). Localize or local lies? The power of language and translation in the multinational corporation. *Critical perspectives on international business*, 11(1), 30-53.
- López-Duarte, C., & Vidal-Suárez, M. M. (2010). External uncertainty and entry mode choice: Cultural distance, political risk and language diversity. *International Business Review*, 19(6), 575-588.
- Louhiala-Salminen, L., Charles, M., & Kankaanranta, A. (2005). English as a lingua franca in Nordic corporate mergers: Two case companies. *English for Specific purposes*, 24(4), 401-421.
- Louhiala-Salminen, L., & Kankaanranta, A. (2011). Professional communication in a global business context: The notion of global communicative competence. *IEEE Transactions on professional communication*, 54(3), 244-262.
- Louhiala-Salminen, L., & Kankaanranta, A. (2012). Language as an issue in international internal communication: English or local language? If English, what English?. *Public Relations Review*, 38(2), 262-269.
- Luiz, J. M. (2015). The impact of ethno-linguistic fractionalization on cultural measures: Dynamics, endogeneity and modernization. *Journal of International Business Studies*, 46(9), 1080-1098.
- Luna, D., Ringberg, T., & Peracchio, L. A. (2008). One individual, two identities: Frame switching among biculturals. *Journal of Consumer Research*, 35(2), 279-293.
- Luo, Y., & Shenkar, O. (2006). The multinational corporation as a multilingual community: Language and organization in a global context. *Journal of International Business Studies*, 37(3), 321-339.
- Maclean, D. (2006). Beyond English: Transnational corporations and the strategic management of language in a complex multilingual business environment. *Management Decision*, 44(10), 1377-1390.
- Mahili, I. (2014). 'It's pretty simple and in Greek...': Global and local languages in the Greek corporate setting. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 117-146.
- Makela, K., Kalla, H. K., & Piekkari, R. (2007). Interpersonal similarity as a driver of knowledge sharing within multinational corporations. *International Business Review*, 16(1), 1-22.

- Marschan, R., Welch, D., & Welch, L. (1997). Language: The forgotten factor in multinational management. *European Management Journal*, 15(5), 591-598.
- Marschan-Piekkari, R., Welch, D., & Welch, L. (1999a). Adopting a common corporate language: IHRM implications. *International Journal of Human Resource Management*, 10(3), 377-390.
- Marschan-Piekkari, R., Welch, D., & Welch, L. (1999b). In the shadow: The impact of language on structure, power and communication in the multinational. *International Business Review*, 8(4), 421-440.
- Malul, M., Shoham, A., & Uddin, M. (2016). Linguistic gender marking gap and female staffing at MNC's. *The International Journal of Human Resource Management*, 27(20), 2531-2549.
- Melitz, J. (2008). Language and foreign trade. *European Economic Review*, 52(4), 667-699.
- Melitz, J., & Toubal, F. (2014). Native language, spoken language, translation and trade. *Journal of International Economics*, 93(2), 351-363.
- Millot, P. (2017). Inclusivity and exclusivity in English as a Business Lingua Franca: The expression of a professional voice in email communication. *English for Specific Purposes*, 46, 59-71.
- Moore, F. (2015). Language, Power and the Liminal: A Korean Translator/Interpreter's Role in Shaping Identities in the London (UK) Business Community. *Journal of Business Anthropology*, 4(1), 82-105.
- Neeley, T. B. (2012). Global business speaks English: Why you need a language strategy now. *Harvard Business Review*, 90(5), 116-124.
- Neeley, T. B. (2013). Language matters: Status loss and achieved status distinctions in global organizations. *Organization Science*, 24(2), 476-497.
- Neeley, T. B., & Dumas, T. L. (2016). Unearned status gain: Evidence from a global language mandate. *Academy of Management Journal*, 59(1), 14-43.
- Neeley, T. B., Hinds, P. J., & Cramton, C. D. (2012). The (un) hidden turmoil of language in global collaboration. *Organizational Dynamics*, 41(3), 236-244.
- Neeley, T. B., & Kaplan, R. S. (2014). What's your language strategy?. *Harvard business review*, 92(9), 70-76.
- Nelson, M. (2014). 'You need help as usual, do you?': Joking and swearing for collegiality in a Swedish workplace. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 173-200.
- Nerrière, J. P. (2003). Parlez-vous English ou Globish? *Gérer et Comprendre*. 71, 31-39.
- Nickerson, C. (1998). Corporate culture and the use of written English within British subsidiaries in the Netherlands. *English for Specific Purposes*, 17(3), 281-294.
- Nickerson, C. (2005). English as a lingua franca in international business contexts. *English for Specific Purposes*, 24(4), 367-380.
- Nickerson, C. (2015). The death of the non-native speaker? English as a Lingua Franca in business communication: A research agenda. *Language Teaching*, 48(3), 390-404.

- Oh, C. H., Selmier, W. T., & Lien, D. (2011). International trade, foreign direct investment, and transaction costs in languages. *The Journal of Socio-Economics*, 40(6), 732-735.
- Okamoto, K. (2011). Language needs and benefits of cultural mediators in overseas Japanese companies. *International Journal of Employment Studies*, 19(1), 1-25.
- Peltokorpi, V. (2010). Intercultural communication in foreign subsidiaries: The influence of expatriates' language and cultural competencies. *Scandinavian Journal of Management*, 26(2), 176-188.
- Peltokorpi, V. (2015a). Foreign subsidiary top manager nationality and language policy: The moderating effects of subsidiary age and size. *International Business Review*, 24(5), 739-748.
- Peltokorpi, V. (2015b). Corporate language proficiency and reverse knowledge transfer in multinational corporations: interactive effects of communication media richness and commitment to headquarters. *Journal of International Management*, 21(1), 49-62.
- Peltokorpi, V. (2017). Absorptive capacity in foreign subsidiaries: The effects of language-sensitive recruitment, language training, and interunit knowledge transfer. *International Business Review*, 26(1), 119-129.
- Peltokorpi, V., & Clausen, L. (2011). Linguistic and cultural barriers to intercultural communication in foreign subsidiaries. *Asian Business & Management*, 10(4), 509-528.
- Peltokorpi, V., & Vaara, E. (2012). Language policies and practices in wholly owned foreign subsidiaries: A recontextualization perspective. *Journal of International Business Studies*, 43(9), 808-833.
- Peltokorpi, V., & Vaara, E. (2014). Knowledge transfer in multinational corporations: Productive and counterproductive effects of language-sensitive recruitment. *Journal of International Business Studies*, 45(5), 600-622.
- Piekkari, R., Oxelheim, L., & Randøy, T. (2015). The silent board: How language diversity may influence the work processes of corporate boards. *Corporate governance: An international review*, 23(1), 25-41.
- Piekkari, R., Vaara, E., Tienari, J., & Säntti, R. (2005). Integration or disintegration? Human resource implications of a common corporate language decision in a cross-border merger. *The International Journal of Human Resource Management*, 16(3), 330-344.
- Piekkari, R., Welch, D. E., Welch, L. S., Peltonen, J. P., & Vesa, T. (2013). Translation behaviour: An exploratory study within a service multinational. *International Business Review*, 22(5), 771-783.
- Piller, I., & Lising, L. (2014). Language, employment, and settlement: Temporary meat workers in Australia. *Multilingua-Journal of Cross-Cultural and Interlanguage Communication*, 33(1-2), 35-59.
- Pullin, P. (2010). Small talk, rapport, and international communicative competence: Lessons to learn from BELF. *The Journal of Business Communication*, 47(4), 455-476.
- Puntoni, S., De Langhe, B., & Van Osselaer, S. M. (2009). Bilingualism and the emotional intensity of advertising language. *Journal of Consumer Research*, 35(6), 1012-1025.
- Ravasi, C., Salamin, X., & Davoine, E. (2015). Cross-cultural adjustment of skilled migrants in a multicultural and multilingual environment: an explorative study of foreign employees and

- their spouses in the Swiss context. *The International Journal of Human Resource Management*, 26(10), 1335-1359.
- Reiche, B. S., Harzing, A. W., & Pudelko, M. (2015). Why and how does shared language affect subsidiary knowledge inflows? A social identity perspective. *Journal of International Business Studies*, 46(5), 528-551.
- Roberts, C. (2010). Language socialization in the workplace. *Annual Review of Applied Linguistics*, 30, 211-227.
- Rogerson-Revell, P. (2010). "Can you spell that for us nonnative speakers?" Accommodation strategies in international business meetings. *Journal of Business Communication*, 47(4), 432-454.
- Salciuviene, L., Ghauri, P. N., Salomea Streder, R., & De Mattos, C. (2010). Do brand names in a foreign language lead to different brand perceptions?. *Journal of marketing management*, 26(11-12), 1037-1056.
- SanAntonio, P. M. (1987). Social mobility and language use in an American company in Japan. *Journal of Language and Social Psychology*, 6(3-4), 191-200.
- Sanden, G. R. (2016). Language: the sharpest tool in the business strategy toolbox. *Corporate Communications: An International Journal*, 21(3), 274-288.
- Santacreu-Vasut, E., Shenkar, O., & Shoham, A. (2014). Linguistic gender marking and its international business ramifications. *Journal of International Business Studies*, 45(9), 1170-1178.
- Sauter, N. (2012). Talking trade: language barriers in intra-Canadian commerce. *Empirical Economics*, 42(1), 301-323.
- Schau, H. J., Dang, Y. M., & Zhang, Y. G. (2017). Learning to navigate the American retail servicescape: Online forums as consumer acculturation platforms and consumer gift systems. *Journal of Business Research*, 72, 178-188.
- Schmitt, B. H., Pan, Y., & Tavassoli, N. T. (1994). Language and consumer memory: The impact of linguistic differences between Chinese and English. *Journal of Consumer Research*, 21(3), 419-431.
- Schomaker, M. S., & Zaheer, S. (2014). The role of language in knowledge transfer to geographically dispersed manufacturing operations. *Journal of International Management*, 20(1), 55-72.
- Selmer, J. (2006). Language ability and adjustment: Western expatriates in China. *Thunderbird International Business Review*, 48(3), 347-368.
- Selmer, J., & Luring, J. (2015). Host country language ability and expatriate adjustment: The moderating effect of language difficulty. *The International Journal of Human Resource Management*, 26(3), 401-420.
- Selmer, J., Luring, J., & Jonasson, C. (2013). Academic staff involvement and openness to diversity in international educational organisations: Is there a moderating effect of shared language?. *Higher Education Quarterly*, 67(2), 135-156.

- Selmier II, W. T., Newenham-Kahindi, A., & Oh, C. H. (2015). "Understanding the words of relationships": Language as an essential tool to manage CSR in communities of place. *Journal of International Business Studies*, 46(2), 153-179.
- Selmier, W. T., & Oh, C. H. (2012). International business complexity and the internationalization of languages. *Business Horizons*, 55(2), 189-200.
- Selmier, W. T., & Oh, C. H. (2013). The power of major trade languages in trade and foreign direct investment. *Review of International Political Economy*, 20(3), 486-514.
- Sharp, Z. (2010). From unilateral transfer to bilateral transition: Towards an integrated model for language management in the MNE. *Journal of International Management*, 16(3), 304-313.
- Sims, B. R., & Guice, S. (1992). Differences between business letters from native and non-native speakers of English. *Journal of Business Communication*, 29(1), 23-39.
- Slangen, A. H. (2011). A Communication-Based Theory of the Choice Between Greenfield and Acquisition Entry. *Journal of Management Studies*, 48(8), 1699-1726.
- Śliwa, M., & Johansson, M. (2014). How non-native English-speaking staff are evaluated in linguistically diverse organizations: A sociolinguistic perspective. *Journal of International Business Studies*, 45(9), 1133-1151.
- Śliwa, M., & Johansson, M. (2015). Playing in the academic field: Non-native English-speaking academics in UK business schools. *Culture and Organization*, 21(1), 78-95.
- Spielmann, N., & Delvert, M. (2014). Adapted or standardized copy: Is non-cultural English the answer?. *Journal of Business Research*, 67(4), 434-440.
- Steyaert, C., & Janssens, M. (2013). Multilingual scholarship and the paradox of translation and language in management and organization studies. *Organization*, 20(1), 131-142.
- Steyaert, C., Ostendorp, A., & Gaibrois, C. (2011). Multilingual organizations as 'linguascapes': Negotiating the position of English through discursive practices. *Journal of World Business*, 46(3), 270-278.
- Sui, S., Morgan, H. M., & Baum, M. (2015). Internationalization of immigrant-owned SMEs: The role of language. *Journal of World Business*, 50(4), 804-814.
- Sunaoshi, Y., Kotabe, M., & Murray, J. Y. (2005). How technology transfer really occurs on the factory floor: a case of a major Japanese automotive die manufacturer in the United States. *Journal of World Business*, 40(1), 57-70.
- Sweeney, E., & Hua, Z. (2010). Accommodating toward your audience: do native speakers of English know how to accommodate their communication strategies toward nonnative speakers of English?. *The Journal of Business Communication*, 47(4), 477-504.
- Swift, J. S. (1991). Foreign language ability and international marketing. *European Journal of Marketing*, 25(12), 36-49.
- Swift, J. S. (1993). Problems with learning foreign languages for international business. *Journal of European Industrial Training*, 17(10), 35-42.
- Swift, J. S. (2002). Foreign language competence and cultural affinity: a study of UK executives in foreign markets. *Cross Cultural Management: An International Journal*, 9(2), 4-24.

- Swift, J. S., & Wallace, J. (2011). Using English as the common corporate language in a German multinational. *Journal of European Industrial Training*, 35(9), 892-913.
- Tan, H., & Gartland, A. (2014). Language, knowledge transfer and firm's strategic assets: the strategic role of language in knowledge transfer to China. *Journal of Chinese Economic and Business Studies*, 12(1), 63-79.
- Tange, H. (2009). Language workers and the practice of language management. *Corporate Communications: An International Journal*, 14(2), 131-143.
- Tange, H. (2010). Caught in the Tower of Babel: university lecturers' experiences with internationalisation. *Language and Intercultural Communication*, 10(2), 137-149.
- Tange, H., & Luring, J. (2009). Language management and social interaction within the multilingual workplace. *Journal of Communication Management*, 13(3), 218-232.
- Tenzer, H., & Pudelko, M. (2015). Leading across language barriers: Managing language-induced emotions in multinational teams. *The Leadership Quarterly*, 26(4), 606-625.
- Tenzer, H., & Pudelko, M. (2016). Media choice in multilingual virtual teams. *Journal of International Business Studies*, 47(4), 427-452.
- Tenzer, H., & Pudelko, M. (2017). The influence of language differences on power dynamics in multinational teams. *Journal of World Business*, 52(1), 45-61.
- Tenzer, H., Pudelko, M., & Harzing, A. W. (2014). The impact of language barriers on trust formation in multinational teams. *Journal of International Business Studies*, 45(5), 508-535.
- Tiessen, J. H. (2004). Multinational multilingualism on the Internet: The use of Japanese on corporate web sites. *Canadian Journal of Administrative Sciences*, 21(2), 180-189.
- Tietze, S. (2004). Spreading the management gospel—in English. *Language and intercultural communication*, 4(3), 175-189.
- Tietze, S. (2008). The work of management academics: An English language perspective. *English for Specific Purposes*, 27(4), 371-386.
- Tietze, S. (2010). International managers as translators. *European Journal of International Management*, 4(1-2), 184-199.
- Tietze, S., & Dick, P. (2009). Hegemonic practices and knowledge production in the management academy: An English language perspective. *Scandinavian Journal of Management*, 25(1), 119-123.
- Tietze, S., & Dick, P. (2013). The victorious English language: Hegemonic practices in the management academy. *Journal of Management Inquiry*, 22(1), 122-134.
- Touchstone, E. E., Koslow, S., Shamdasani, P. N., & D'Alessandro, S. (2017). The linguistic servicescape: Speaking their language may not be enough. *Journal of Business Research*, 72, 147-157.
- Tsalikis, J., Ortiz-Buonafina, M., & LaTour, M. S. (1992). The role of accent on the credibility and effectiveness of the international business person: The case of Guatemala. *International Marketing Review*, 9(4), 57-72.

- Urbig, D., Terjesen, S., Procher, V., Muehlfeld, K., & Van Witteloostuijn, A. (2016). Come on and take a free ride: Contributing to public goods in native and foreign language settings. *Academy of Management Learning & Education*, 15(2), 268-286.
- Usunier, J. C. (2011). Language as a resource to assess cross-cultural equivalence in quantitative management research. *Journal of World Business*, 46(3), 314-319.
- Vaara, E., Tienari, J., Piekkari, R., & Säntti, R. (2005). Language and the circuits of power in a merging multinational corporation. *Journal of management studies*, 42(3), 595-623.
- van den Born, F., & Peltokorpi, V. (2010). Language policies and communication in multinational companies: Alignment with strategic orientation and human resource management practices. *The Journal of Business Communication*, 47(2), 97-118.
- van der Velde, L., Tyrowicz, J., & Siwinska, J. (2015). Language and (the estimates of) the gender wage gap. *Economics Letters*, 136, 165-170.
- Vidal-Suárez, M., & López-Duarte, C. (2013). Language distance and international acquisitions: A transaction cost approach. *International Journal of Cross Cultural Management*, 13(1), 47-63.
- Virkkula-Räisänen, T. (2010). Linguistic repertoires and semiotic resources in interaction: A Finnish manager as a mediator in a multilingual meeting. *Journal of Business Communication*, 47(4), 505-531.
- Volk, S., Köhler, T., & Pudelko, M. (2014). Brain drain: The cognitive neuroscience of foreign language processing in multinational corporations. *Journal of International Business Studies*, 45(7), 862-885.
- Voss, J., Albert, I., & Ferring, D. (2014). Language use and value orientations in multinational work teams in Luxembourg: Conflict or harmony?. *International Journal of Intercultural Relations*, 41, 192-196.
- Wang, C., & Wang, L. (2011). Language skills and the earnings distribution among child immigrants. *Industrial Relations: A Journal of Economy and Society*, 50(2), 297-322.
- Welch, C., Marschan-Piekkari, R., Penttinen, H., & Tahvanainen, M. (2002). Corporate elites as informants in qualitative international business research. *International Business Review*, 11(5), 611-628.
- Welch, C., & Piekkari, R. (2006). Crossing language boundaries: Qualitative interviewing in international business. *Management International Review*, 46(4), 417-437.
- Welch, D. E., & Welch, L. S. (2008). The importance of language in international knowledge transfer. *Management International Review*, 48(3), 339-360.
- Welch, D. E., & Welch, L. S. (2015). Developing multilingual capacity: A challenge for the multinational enterprise. *Journal of Management*, 0149206315594846.
- Welch, D. E., Welch, L. S., & Marschan-Piekkari, R. (2001). The persistent impact of language on global operations. *Prometheus*, 19(3), 193-209.
- Welch, D., Welch, L., & Piekkari, R. (2005). Speaking in tongues: The importance of language in international management processes. *International Studies of Management & Organization*, 35(1), 10-27.

- West, J., & Graham, J. L. (2004). A linguistic-based measure of cultural distance and its relationship to managerial values. *MIR: Management International Review*, 44(3), 239-260.
- Williams, D. A. (2011). Modeling small locally-owned firms export behaviour: The role of language. *Academy of Entrepreneurship Journal*, 17(2), 19-35.
- Wright, C., Kumagai, F., & Boney, N. (2001). Language and power in Japanese transplants in Scotland. *The Sociological Review*, 49(2), 236-253.
- Yamao, S., & Sekiguchi, T. (2015). Employee commitment to corporate globalization: The role of English language proficiency and human resource practices. *Journal of World Business*, 50(1), 168-179.
- Zaidman, N. (2001). Cultural codes and languages strategies in business communication: interactions between Israeli and Indian businesspeople. *Management Communication Quarterly*, 14(3), 408-441.
- Zander, L. (2005). Communication and country clusters: A study of language and leadership preferences. *International Studies of Management & Organization*, 35(1), 83-103.
- Zander, L., Mockaitis, A. I., Harzing, A. W., Baldueza, J., Barner-Rasmussen, W., Barzantny, C., ... & Giroud, A. (2011). Standardization and contextualization: A study of language and leadership across 17 countries. *Journal of World Business*, 46(3), 296-304.
- Zhang, L. E., & Harzing, A. W. (2016). From dilemmatic struggle to legitimized indifference: Expatriates' host country language learning and its impact on the expatriate-HCE relationship. *Journal of World Business*, 51(5), 774-786.
- Zhang, C., Laroche, M., & Richard, M. O. (2017). The differential roles of verbs, nouns, and adjectives in English and Chinese messages among bilingual consumers. *Journal of Business Research*, 72, 127-135.
- Zhang, L. E., & Peltokorpi, V. (2016). Multifaceted effects of host country language proficiency in expatriate cross-cultural adjustments: a qualitative study in China. *The International Journal of Human Resource Management*, 27(13), 1448-1469.
- Zhong, W., & Chin, T. (2015). The role of translation in cross-cultural knowledge transfer within a MNE's business networks: A 3D-hierarchical model in China. *Chinese Management Studies*, 9(4), 589-610.
- Zhu, Y., & Hildebrandt, H. W. (2013). Effective persuasion of international business sales letters. *Management International Review*, 53(3), 391-418.