

**A COMPARATIVE STUDY OF LEXICAL BUNDLES  
IN ACCEPTED AND REJECTED APPLIED LINGUISTIC  
RESEARCH ARTICLE INTRODUCTIONS**

A Research Paper

Submitted as the partial fulfillment of the requirements for *Sarjana Sastra* degree  
of English Language and Literature Study Program



**Zahra Fadillah Haerunisa**

1800151

**ENGLISH LANGUAGE AND LITERATURE STUDY PROGRAM  
FACULTY OF LANGUAGE AND LITERATURE EDUCATION  
UNIVERSITAS PENDIDIKAN INDONESIA**

**2022**

---

---

**A COMPARATIVE STUDY OF LEXICAL BUNDLES  
IN ACCEPTED AND REJECTED APPLIED LINGUISTIC  
RESEARCH ARTICLE INTRODUCTIONS**

Oleh  
Zahra Fadillah Haerunisa

Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar  
Sarjana Sastra pada Fakultas Pendidikan Bahasa dan Sastra

© Zahra Fadillah Haerunisa 2022  
Universitas Pendidikan Indonesia  
Agustus 2022

Hak Cipta dilindungi undang-undang.  
Skripsi ini tidak boleh diperbanyak seluruhnya atau sebagian, dengan dicetak  
ulang, difoto kopi, atau cara lainnya tanpa ijin dari penulis.

**PAGE OF APPROVAL**

**A COMPARATIVE STUDY OF LEXICAL BUNDLES  
IN ACCEPTED AND REJECTED APPLIED LINGUISTIC  
RESEARCH ARTICLE INTRODUCTIONS**

**A Research Paper by  
Zahra Fadillah Haerunisa  
1800151**

**Approved by:  
Supervisor**



**Eri Kurniawan, M.A., Ph.D.**  
**NIP. 198111232005011002**

**Head of English Language and Literature Study Program  
Faculty of Language and Literature Education  
Universitas Pendidikan Indonesia**



**Eri Kurniawan, M.A., Ph.D.**  
**NIP. 198111232005011002**

## STATEMENT OF AUTHORIZATION

I hereby confirm this study entitled *A Comparative Study of Lexical Bundles in Accepted and Rejected Applied Linguistic Research Article Introductions* as the final result of my work. I am completely aware that I have quoted some ideas and statements from various sources. All quotations are acknowledged and appropriately stated.

Bandung, August 2022

Zahra Fadillah Haerunisa

## PREFACE

I submit this research paper entitled *A Comparative Study of Lexical Bundles in Accepted and Rejected Applied Linguistic Research Article Introductions* as the partial fulfillment of the requirements for *Sarjana Sastra* degree. I hope this study can contribute to further research in the field of linguistics, particularly in the study of lexical bundles. The author realizes that this paper still has many aspects to be improved. Therefore, any constructive suggestions will be much appreciated.

Zahra Fadillah Haerunisa

## ACKNOWLEDGEMENT

Bismillahirrahmanirrahim.

Praise be to Allah SWT, The Most Gracious and The Most Merciful, who has bestowed immeasurable blessings on me so that I can complete my study and finish this research paper as one of the requirements for *Sarjana Sastra* degree.

I realize that the completion of my study and this research paper could not have been possible without the abundant support from these following people.

- My supervisor, Pak Eri Kurniawan, M.A., Ph.D. My sincere gratitude for the given opportunity for me to be a part of your research team as well as for your guidance throughout every process of this research finalization.
- My academic supervisor, Pak Dr. Ruswan Dallyono, S.Sos., M.Pd. My thankfulness, likewise, for the advice and positivity that you have spread during each semester of my study.
- All of the lecturers and staff of English Language and Literature study program, for the valuable knowledge and any form of help that have facilitated me in finishing my study.
- My fellow research teammates—Cicih, Ananta, Ayu, Kana, and Syifa—for everything the five of you have shared with me.
- My dearest family and friends—particularly Mama, Papa, Zalfa, Mochi, Miko, Vania, Nadia, Mala, Yuni, and Unpress—for your constant prayers and encouragement.
- For those whose names may not be enumerated but have contributed to making this study possible, my heartfelt appreciation goes to each of you as well.

Finally, I am fully aware that my writing is far from perfect and there is always room for improvement. Thereof, any feedback and suggestions are welcome.

# **A Comparative Study of Lexical Bundles in Accepted and Rejected Applied Linguistic Research Article Introductions**

Zahra Fadillah Haerunisa

1800151

Supervisor:

Eri Kurniawan, M.A., Ph.D.

## **ABSTRACT**

Multi-word expressions referred to as lexical bundles are the important ‘discourse building blocks’ to construct and signal fluent writing, particularly in an attempt to produce high-quality research articles that can be accepted by reputable journals. A number of studies have reported the use of lexical bundles in various sections of research articles, including introductions as the holder of research rationale. In spite of that, attention is barely paid to the comparison between accepted and rejected manuscripts. With the intention to fill this gap, this study is aimed to investigate whether the manifestation of lexical bundles will differ between the introduction sections of accepted and rejected research articles in applied linguistics. A total of 15 introductions for each data group were observed under the frameworks of lexical bundles structures (Biber et al., 2004) and functions (Hyland, 2008b). Noun phrase-based and research-oriented bundles were respectively detected as the most prevalent main structure and function. Closer inspection, however, exposed a greater frequency and variety of lexical bundles in accepted introductions. Even so, this study confirmed the two datasets to possess different subcategories of lexical bundles in several cases. The findings of this study can be treated as a source to deepen the comprehension of lexical bundles use in preparing related future studies.

***Keywords:** lexical bundles structures; lexical bundles functions; research article introductions; accepted; rejected*

## TABLE OF CONTENTS

<b>PAGE OF APPROVAL</b> .....	<b>i</b>
<b>STATEMENT OF AUTHORIZATION</b> .....	<b>ii</b>
<b>PREFACE</b> .....	<b>iii</b>
<b>ACKNOWLEDGEMENT</b> .....	<b>iv</b>
<b>ABSTRACT</b> .....	<b>v</b>
<b>TABLE OF CONTENTS</b> .....	<b>vi</b>
<b>LIST OF TABLES</b> .....	<b>viii</b>
<b>LIST OF FIGURES</b> .....	<b>ix</b>
<b>CHAPTER I INTRODUCTION</b> .....	<b>1</b>
1.1 Background of the Study .....	1
1.2 Purposes of the Study .....	4
1.3 Statement of Problems.....	4
1.4 Scope of the Study.....	5
1.5 Significance of the Study .....	5
1.6 Clarification of Terms .....	5
1.7 Organization of the Paper .....	6
<b>CHAPTER II LITERATURE REVIEW</b> .....	<b>7</b>
2.1 Research Publication .....	7
2.2 Research Article and Its Introduction Section as a Genre .....	8
2.3 Formulaicity of Language .....	9
2.4 Lexical Bundles .....	12
2.5 Previous Studies .....	15
<b>CHAPTER III RESEARCH METHODOLOGY</b> .....	<b>18</b>



3.1 Research Design .....	18
3.2 Data Collection .....	19
3.3 Data Analysis Procedure .....	19
3.3.1 LBs lists identification .....	19
3.3.2 Exclusion step .....	21
3.3.3 LBs classification .....	22
3.3.4 Data trustworthiness .....	23
<b>CHAPTER IV FINDINGS AND DISCUSSION .....</b>	<b>24</b>
4.1 Findings on LBs Occurrences .....	24
4.2 LBs Structures in Accepted and Rejected RAIs .....	25
4.2.1 VP-based bundles .....	29
4.2.2 DC-based bundles .....	31
4.2.3 NP-based bundles .....	32
4.2.4 PP-based bundles .....	33
4.3 LBs Functions in Accepted and Rejected RAIs .....	34
4.3.1 Research-oriented bundles .....	36
4.3.2 Text-oriented bundles .....	38
4.3.3 Participant-oriented bundles .....	42
<b>CHAPTER V CONCLUSION AND SUGGESTIONS .....</b>	<b>45</b>
5.1 Conclusion .....	45
5.2 Suggestions .....	46
<b>REFERENCES .....</b>	<b>47</b>
<b>APPENDIX .....</b>	<b>58</b>

## LIST OF TABLES

Table 2.1 Structural classification of LBs (Biber et al., 2004) .....	13
Table 2.2 Functional classification of LBs (Biber et al., 2004; Hyland, 2008b) ..	14
Table 3.1 Description of the corpora .....	19
Table 4.1 LBs occurrences information .....	24
Table 4.2 Most frequent three- and four-word LBs (top 3) .....	25
Table 4.3 Z-test calculation of LBs main structures .....	27
Table 4.4 LBs substructures distribution and comparison .....	28
Table 4.5 LBs subfunctions distribution and comparison.....	35

## LIST OF FIGURES

Figure 3.1 AntConc's N-Grams feature .....	20
Figure 3.2 Configuration of LBs criteria.....	20
Figure 3.3 LBs list identification by AntConc .....	21
Figure 3.4 Example of AntConc's concordance line display.....	22
Figure 3.5 Example of LBs analysis in Microsoft Excel .....	23
Figure 4.1 Distribution of LBs structures in accepted and rejected RAIs .....	26
Figure 4.2 Distribution of LBs functions in accepted and rejected RAIs .....	34

## REFERENCES

- Ahlstrom, D., Bruton, G. D., & Zhao, L. (2013). Turning good research into good publications. *Nankai Business Review International*, 4(2), 92–106. <https://doi.org/10.1108/20408741311323317>
- Altenberg, B. (1998). On the phraseology of spoken English: The evidence of recurrent word-combinations. In A. P. Cowie (Ed.), *Phraseology: Theory, analysis, and applications*. Clarendon Press.
- Anthony, L. (2020a). *AntConc* (Version 3.5.9) [Computer Software]. Waseda University. Available from <https://www.laurenceanthony.net/software>
- Anthony, L. (2020b, December 11). *AntConc (Windows, Macintosh OS X, and Linux): Build 3.5.9*. Laurence Anthony's Website. <https://www.laurenceanthony.net/software/antconc/>
- Bajwa, N. H., König, C. J., & Harrison, O. S. V. (2016). Towards evidence-based writing advice: Using applied linguistics to understand reviewers' expectations. *Academy of Management Learning & Education*, 15(3), 419–434. <https://doi.org/10.5465/amle.2015.0002>
- Bajwa, N. H., König, C. J., & Kunze, T. (2020). Evidence-based understanding of introductions of research articles. *Scientometrics*, 124(1), 195–217. <https://doi.org/10.1007/s11192-020-03475-9>
- Baker, P. (2010). Corpus methods in linguistics. In L. Litosseliti (Ed.), *Research methods in linguistics* (pp. 93–113). Continuum.
- Bal-Gezegin, B. (2019). Lexical bundles in published research articles: A corpus-based study. *Journal of Language and Linguistic Studies*, 15(2), 520–534. <http://dx.doi.org/10.17263/jlls.586188>
- Beard, R. W. (1965). On the publish-or-perish policy. *The Journal of Higher Education*, 36(8), 455–459. <https://doi.org/10.1080/00221546.1965.11774500>
- Belcher, W. L. (2019). *Writing your journal article in twelve weeks: A guide to academic publishing success* (2nd ed.). The University of Chicago Press.
- Berūkštienė, D. (2017). A corpus-driven analysis of structural types of lexical bundles in court judgments in English and their translation into Lithuanian. *Kalbotyra*, 70, 7–31. <https://doi.org/10.15388/klbt.2017.11181>

- Biber, D. (1988). *Variation across speech and writing*. Cambridge University Press.
- Biber, D. (2009). A corpus-driven approach to formulaic language in English: Multi-word patterns in speech and writing. *International Journal of Corpus Linguistics*, 14(3), 275–311. <https://doi.org/10.1075/ijcl.14.3.08bib>
- Biber, D., & Barbieri, F. (2007). Lexical bundles in university spoken and written registers. *English for Specific Purposes*, 26(3), 263–286. <https://doi.org/10.1016/j.esp.2006.08.003>
- Biber, D., & Conrad, S. (2009). *Register, genre, and style*. Cambridge University Press.
- Biber, D., Conrad, S., & Cortes, V. (2004). If you look at ...: Lexical bundles in university teaching and textbooks. *Applied Linguistics*, 25(3), 371–405. <https://doi.org/10.1093/applin/25.3.371>
- Biber, D., & Gray, B. (2010). Challenging stereotypes about academic writing: Complexity, elaboration, explicitness. *Journal of English for Academic Purposes*, 9(1), 2–20. <https://doi.org/10.1016/j.jeap.2010.01.001>
- Biber, D., Johansson, S., Leech, G., Conrad, S., Finegan, E., & Quirk, R. (1999). *Longman grammar of spoken and written English*. Pearson Education.
- Brewer, D. J., Gates, S. M., & Goldman, C. A. (2002). *In pursuit of prestige* (1st ed.). Routledge.
- Budiwiyanto, A., & Suhardijanto, T. (2020). Indonesian lexical bundles in research articles: Frequency, structure, and function. *Indonesian Journal of Applied Linguistics*, 10(2), 292–303. <https://doi.org/10.17509/ijal.v10i2.28592>
- Burgelman, J.-C., Pascu, C., Szkuta, K., von Schomberg, R., Karalopoulos, A., Repanas, K., & Schouppe, M. (2019). Open science, open data, and open scholarship: European policies to make science fit for the twenty-first century. *Frontiers in Big Data*, 2(43). <https://doi.org/10.3389/fdata.2019.00043>
- Candarli, D., & Jones, S. (2019). Paradigmatic influences on lexical bundles in research articles in the discipline of education. *Corpora*, 14(2), 237–263. <https://doi.org/10.3366/cor.2019.0170>
- Cargill, M., & Burgess, S. (2008). Introduction to the special issue: English for research publication purposes. *Journal of English for Academic Purposes*, 7(2), 75–76. <https://doi.org/10.1016/j.jeap.2008.02.006>

- Charles, M. (2006). The construction of stance in reporting clauses: A cross-disciplinary study of theses. *Applied Linguistics*, 27(3), 492–518. <https://doi.org/10.1093/applin/aml021>
- Chen, Y.-H., & Baker, P. (2010). Lexical bundles in L1 and L2 academic writing. *Language Learning & Technology*, 14(2), 30–49. <http://dx.doi.org/10125/44213>
- Cook, G. (2003). *Applied Linguistics*. Oxford University Press.
- Cooray, M. (1967). The English passive voice. *ELT Journal*, 21(3), 203–210. <https://doi.org/10.1093/elt/XXI.3.203>
- Cortes, V. (2002). Lexical bundles in freshman composition. In R. Reppen, S. M. Fitzmaurice, & D. Biber (Eds.), *Using corpora to explore linguistic variation* (pp. 131–145). John Benjamins Publishing.
- Cortes, V. (2004). Lexical bundles in published and student disciplinary writing: Examples from history and biology. *English for Specific Purposes*, 23(4), 397–423. <https://doi.org/10.1016/j.esp.2003.12.001>
- Cortes, V. (2013). The purpose of this study is to: Connecting lexical bundles and moves in research article introductions. *Journal of English for Academic Purposes*, 12(1), 33–43. <https://doi.org/10.1016/j.jeap.2012.11.002>
- Coxhead, A., & Byrd, P. (2007). Preparing writing teachers to teach the vocabulary and grammar of academic prose. *Journal of Second Language Writing*, 16(3), 129–147. <https://doi.org/10.1016/j.jslw.2007.07.002>
- Damchevska, V. (2019). Structure of lexical bundles in economics research articles. *The Journal of Teaching English for Specific and Academic Purposes*, 7(2), 225–235. <https://doi.org/10.22190/jtesap1902225d>
- Duszak, A. (1994). Academic discourse and intellectual styles. *Journal of Pragmatics*, 21, 291–313. [https://doi.org/10.1016/0378-2166\(94\)90003-5](https://doi.org/10.1016/0378-2166(94)90003-5)
- Ellis, N. C., Simpson-Vlach, R., & Maynard, C. (2008). Formulaic language in native and second language speakers: Psycholinguistics, corpus linguistics, and TESOL. *TESOL Quarterly*, 42(3), 375–396. <https://doi.org/10.1002/j.1545-7249.2008.tb00137.x>
- Elturki, E. M. (2015). *The development of formulaic sequences: A longitudinal learner corpus investigation* [Doctoral dissertation, Washington State University]. WSU Research Exchange.

[https://rex.libraries.wsu.edu/discovery/delivery/01ALLIANCE\\_WSU:  
ResearchRepository/12349995860001842#13349995850001842](https://rex.libraries.wsu.edu/discovery/delivery/01ALLIANCE_WSU:ResearchRepository/12349995860001842#13349995850001842)

- Erman, B., & Warren, B. (2000). The idiom principle and the open choice principle. *Text & Talk*, 20(1), 29–62. <http://dx.doi.org/10.1515/text.1.2000.20.1.29>
- Eshchanov, B., Abduraimov, K., Ibragimova, M., & Eshchanov, R. (2021). Efficiency of “publish or perish” policy: Some considerations based on the Uzbekistan experience. *Publications*, 9(3), 33. <https://doi.org/10.3390/publications9030033>
- Fang, Z. (2006). The language demands of science reading in middle school. *International Journal of Science Education*, 28(5), 491–520. <https://doi.org/10.1080/09500690500339092>
- Firth, J. R. (1935). The technique of semantics. *Transactions of the Philological Society*, 34(1), 36–73. <https://doi.org/10.1111/j.1467-968X.1935.tb01254.x>
- Flowerdew, J. (2008). Scholarly writers who use English as an additional language: What can Goffman’s “stigma” tell us? *Journal of English for Academic Purposes*, 7(2), 77–86. <https://doi.org/10.1016/j.jeap.2008.03.002>
- Flowerdew, J. (2013a). English for research publication purposes. In B. Paltridge & S. Starfield (Eds.), *The Handbook of English for Specific Purposes* (1st ed., pp. 301–321). John Wiley & Sons.
- Flowerdew, J. (2013b). Some thoughts on English for research publication purposes (ERPP) and related issues. *Language Teaching*, 48(2), 1–13. <https://doi.org/10.1017/S0261444812000523>
- Flowerdew, J., & Habibie, P. (2021). *Introducing English for research publication purposes*. Routledge.
- Gavioli, L. (2005). *Exploring corpora for ESP learning*. John Benjamins Publishing.
- George, G. (2012). Publishing in AMJ for non-U.S. Authors. *Academy of Management Journal*, 55(5), 1023–1026. <https://doi.org/10.5465/amj.2012.4005>
- Gil, N. N., & Caro, E. M. (2019). Lexical bundles in learner and expert academic writing. *Bellaterra Journal of Teaching & Learning Language & Literature*, 12(1), 65–90. <http://dx.doi.org/10.5565/rev/jtl3.794>
- Hamilton College Writing Center. (2014). *How to write an APA style research paper*. Retrieved July 23, 2022, from

<https://www.hamilton.edu/academics/centers/writing/writing-resources/how-to-write-an-apa-research-paper>

- Herrando-Rodrigo, I. (2014). Genre evolution in research communication in English. *Revista Canaria de Estudios Ingleses*, 69, 35–49.
- Hood, S. (2004). *Appraising research: Taking a stance in academic writing* [Doctoral dissertation, University of Technology, Sydney]. The Appraisal Website. <https://www.grammatics.com/appraisal/suehoodphd/hoods-phd-links.htm>
- Hulley, S. B., Cummings, S. R., Browner, W. S., Grady, D. G., & Newman, T. B. (2007). *Designing clinical research* (3rd ed.). Lippincott Williams & Wilkins.
- Hunston, S. (2002). *Corpora in applied linguistics*. Cambridge University Press.
- Hyland, K. (2002). Directives: Argument and engagement in academic writing. *Applied Linguistics*, 23(2), 215–239. <https://doi.org/10.1093/applin/23.2.215>
- Hyland, K. (2005). Stance and engagement: A model of interaction in academic discourse. *Discourse Studies*, 7(2), 173–191. <https://doi.org/10.1177/1461445605050365>
- Hyland, K. (2008a). Academic clusters: Text patterning in published and postgraduate writing. *International Journal of Applied Linguistics*, 18(1), 41–62. <https://doi.org/10.1111/j.1473-4192.2008.00178.x>
- Hyland, K. (2008b). As can be seen: Lexical bundles and disciplinary variation. *English for Specific Purposes*, 27(1), 4–21. <https://doi.org/10.1016/j.esp.2007.06.001>
- Hyland, K. (2009). *Academic discourse: English in a global context*. Continuum.
- Hyland, K. (2013). Genre and discourse analysis in language for specific purposes. In C. A. Chapelle (Ed.), *The encyclopedia of applied linguistics* (pp. 2281–2288). Blackwell Publishing. <https://doi.org/10.1002/9781405198431.wbeal0452>
- Jalali, Z. S., & Moini, M. R. (2014). Structure of lexical bundles in introduction section of medical research articles. *Procedia - Social and Behavioral Sciences*, 98, 719–726. <https://doi.org/10.1016/j.sbspro.2014.03.473>
- Jalali, Z. S., & Moini, M. R. (2018). A corpus-based study of lexical bundles in discussion section of medical research articles. *Iranian Journal of Applied Language Studies*, 10(1), 95–124. <https://doi.org/10.22111/IJALS.2018.4265>



- Jalali, Z. S., Moini, M. R., & Arani, M. A. (2015). Structural and functional analysis of lexical bundles in medical research articles: A corpus-based study. *International Journal of Information Science and Management*, 13(1), 51–69.
- Jalilifar, A., & Ghoreishi, S. M. (2018). From the perspective of: Functional analysis of formulaic sequences in applied linguistics research articles. *International Journal of English Studies*, 18(2), 161–186. <https://doi.org/10.6018/ijes/2018/2/310351>
- Kanafani, A., Kurniawan, E., & Lubis, A. H. (2022). A move analysis of abstracts in a Scopus-indexed applied linguistics journal from different quartiles. *Retorika: Jurnal Ilmu Bahasa*, 8(1), 1–12. <https://doi.org/10.55637/jr.8.1.4344.1-12>
- Khamkhien, A. (2021). Functional patterns of lexical bundles and limitations in academic writing by Thai L2 English learners. *Journal of English Language Teaching and Linguistics*, 6(3), 607–632. <https://doi.org/10.21462/jeltl.v6i3.629>
- Krashen, S., & Scarcella, R. (1978). On routines and patterns in language acquisition and performance. *Language Learning*, 28(2), 283–300. <https://doi.org/10.1111/j.1467-1770.1978.tb00135.x>
- Kwary, D. A., Ratri, D., & Artha, A. F. (2017). Lexical bundles in journal articles across academic disciplines. *Indonesian Journal of Applied Linguistics*, 7(1), 132–140. <https://doi.org/10.17509/ijal.v7i1.6866>
- Lambert, V. A., & Lambert, C. E. (2012). Qualitative descriptive research: An acceptable design. *Pacific Rim International Journal of Nursing Research*, 16(4), 255–256.
- Lee, H.-K. (2020). Lexical bundles in linguistics textbooks. *Linguistic Research*, 37(1), 121–145.
- Lim, J. M. H. (2006). Method sections of management research articles: A pedagogically motivated qualitative study. *English for Specific Purposes*, 25(3), 282–309. <https://doi.org/10.1016/j.esp.2005.07.001>
- Lim, J. M. H. (2012). How do writers establish research niches? A genre-based investigation into management researchers' rhetorical steps and linguistic mechanisms. *Journal of English for Academic Purposes*, 11(3), 229–245. <https://doi.org/10.1016/j.jeap.2012.05.002>
- Luthfianda, S. N., Kurniawan, E., & Gunawan, W. (2021). Rhetorical structures of introductions in soft and hard science international journals written by Indonesian

- scholars. *Journal of English Language Teaching and Linguistics*, 6(2), 343–358.  
<https://doi.org/10.21462/jeltl.v6i2.563>
- Martin, J. R. (2008). Incongruent and proud: De-vilifying ‘nominalization’. *Discourse and Society*, 19(6), 801–810. <https://doi.org/10.1177/0957926508095895>
- Mauranen, A., & Bondi, M. (2003). Evaluative language use in academic discourse. *Journal of English for Academic Purposes*, 2(4), 269–271. [https://doi.org/10.1016/s1475-1585\(03\)00045-6](https://doi.org/10.1016/s1475-1585(03)00045-6)
- Mehrabi, K., Jalilifar, A., Hayati, A., & White, P. (2018). Investigating action nominalization in the introduction sections of research articles: A cross-disciplinary study of hard and soft sciences. *Teaching English Language*, 12(2), 1–26. <https://dx.doi.org/10.22132/tel.2018.70500>
- Metoyer-Duran, C. (1993). The readability of published, accepted, and rejected papers appearing in College & Research Libraries. *College & Research Libraries*, 54(6), 517–526. [https://doi.org/10.5860/crl\\_54\\_06\\_517](https://doi.org/10.5860/crl_54_06_517)
- Monash University Library. (n.d.). *Developing research questions*. Retrieved July 23, 2022, from <https://www.monash.edu/library/help/assignments-research/developing-research-questions>
- Nagano, R. L. (2015). Research article titles and disciplinary conventions: A corpus study of eight disciplines. *Journal of Academic Writing*, 5(1), 133–144. <http://dx.doi.org/10.18552/joaw.v5i1.168>
- Nasrabad, P., Shirvan, M. E., & Golparvar, S. E. (2020). Exploring lexical bundles in recent published papers in the field of applied linguistics. *Journal of World Languages*, 6(3), 175–197. <https://doi.org/10.1080/21698252.2020.1797992>
- Nesi, H., & Basturkmen, H. (2006). Lexical bundles and discourse signalling in academic lectures. *International Journal of Corpus Linguistics*, 11(3), 283–304. <http://dx.doi.org/10.1075/ijcl.11.3.04nes>
- Nurcik, A. B., Kurniawan, E., & Lubis, A. H. (2022). Rhetorical moves analysis on Scopus-indexed research article abstracts by national and international authors. *English Review: Journal of English Education*, 10(2), 349–358. <https://doi.org/10.25134/erjee.v10i2.6235>
- Panthong, P., & Poonpon, K. (2020). Lexical bundles in Thai medical research articles. *Journal of Studies in the English Language*, 15(1), 59–106.

- Pearson, W. S. (2021). A comparative study of lexical bundles in IELTS writing task 1 and 2 simulation essays and tertiary academic writing. *Journal of Academic Language and Learning*, 15(1), 27–52.
- Pourmusa, F. (2014). A comparative study of lexical bundles in soft science articles written by native and Iranian authors. *The Journal of Applied Linguistics and Discourse Analysis*, 2(2), 67–83. <https://doi.org/10.22049/jalda.2017.13651>
- Quirk, R., Greenbaum, S., Leech, G., & Svartvik, J. (1985). *A comprehensive grammar of the English language*. Longman.
- Qurratu'aini, S. F., Kurniawan, E., & Lubis, A. H. (2022). Rhetorical move analysis of science and engineering abstracts rejected in a Scopus-indexed journal. *Retorika: Jurnal Ilmu Bahasa*, 8(1), 38–47. <https://doi.org/10.55637/jr.8.1.4846.38-47>
- Rawat, S., & Meena, S. (2014). Publish or perish: Where are we heading? *Journal of Research in Medical Sciences*, 19(2), 87–89.
- Römer, U. (2005). *Progressives, patterns, pedagogy: A corpus-driven approach to English progressive forms, functions, contexts and didactics*. John Benjamins Publishing.
- Salazar, D. (2014). *Lexical bundles in native and non-native scientific writing: Applying a corpus-based study to language teaching*. John Benjamins Publishing.
- Savelyeva, E. N. (2021). *Structural and functional analysis of lexical bundles in music research articles: A corpus-based approach* [Master's thesis, Dalarna University]. Digitala Vetenskapliga Arkivet. <http://www.diva-portal.org/smash/get/diva2:1571315/FULLTEXT01.pdf>
- Schleppegrell, M. J. (2004). *The language of schooling: A functional linguistics perspective*. Lawrence Erlbaum Associates.
- Schmitt, N. (2006). Formulaic language: Fixed and varied. *Estudios de Lingüística Inglesa Aplicada (ELIA)*, 6, 13–39.
- Schmitt, N. (2010). *Researching vocabulary: A vocabulary research manual*. Palgrave Macmillan.
- Schmitt, N., & Carter, R. (2004). Formulaic sequences in action: An introduction. In N. Schmitt (Ed.), *Formulaic sequences: Acquisition, processing and use* (pp. 1–22). John Benjamins Publishing.

- Schmitt, N., & Celce-Murcia, M. (2020). An overview of applied linguistics. In N. Schmitt & M. P. H. Rodgers (Eds.), *An introduction to applied linguistics* (3rd ed., pp. 1–15). Routledge.
- Schmitt, N., Grandage, S., & Adolphs, S. (2004). Are corpus-derived recurrent clusters psycholinguistically valid? In N. Schmitt (Ed.), *Formulaic sequences: Acquisition, processing and use* (pp. 127–151). John Benjamins Publishing.
- Seggewiß, F. (2012). *Current changes in the English modals: A corpus-based analysis of present-day spoken English* [Doctoral dissertation, Albert-Ludwigs-Universität Freiburg]. Deutsche National Bibliothek. <https://d-nb.info/1123480818/34>
- Seoane, E. (2008). The conventionalization of the passive in late modern scientific English. *AEDEAN Conference: Congreso de La Asociación Española de Estudios Anglo-Norteamericanos*, 31, 291–301.
- Setiawati, D., Nabilla, S. N., Suherdi, D., Kurniawan, E., Gunawan, W., & Lubis, A. H. (2021). A move analysis of research article introduction written by Indonesian authors: The case of soft and hard sciences. *Proceedings of the Thirteenth Conference on Applied Linguistics (CONAPLIN 2020)*, 127–132. <https://doi.org/10.2991/ASSEHR.K.210427.020>
- Shahmoradi, N., Jalali, H., & Ghadiri, M. (2021). Lexical bundles in the abstract and conclusion sections: The case of applied linguistics and information technology. *Applied Research on English Language*, 10(3), 47–76. <https://doi.org/10.22108/are.2021.128024.1703>
- Shahriari, H. (2017). Comparing lexical bundles across the introduction, method and results sections of the research article. *Corpora*, 12(1), 1–22. <https://doi.org/10.3366/cor.2017.0107>
- Shahriari, H., Ghonsooly, B., & Fatemi, A. H. (2013). An analysis of lexical bundles in research article abstracts by Iranian and native English-speaking authors of applied linguistics articles. *The Asian ESP Journal*, 9(1), 5–25.
- Shirazizadeh, M., & Amirfazlian, R. (2021). Lexical bundles in theses, articles and textbooks of applied linguistics: Investigating intradisciplinary uniformity and variation. *Journal of English for Academic Purposes*, 49. <https://doi.org/10.1016/j.jeap.2020.100946>
- Sinclair, J. (1991). *Corpus, concordance, collocation*. Oxford University Press.

- Strunk, W., & White, E. B. (2000). *The elements of style* (4th ed.). Allyn & Bacon.
- Suiter, A. M., & Sarli, C. C. (2019). Selecting a journal for publication: Criteria to consider. *Missouri Medicine*, *116*(6), 461–465.
- Swales, J. (1986). Citation analysis and discourse analysis. *Applied Linguistics*, *7*(1), 39–56. <https://doi.org/10.1093/applin/7.1.39>
- Swales, J. M. (1990). *Genre analysis: English in academic and research settings*. Cambridge University Press.
- Swales, J. M. (2004). *Research genres: Exploration and applications*. Cambridge University Press.
- Swales, J. M., & Feak, C. B. (1994). *Academic writing for graduate students: Essential tasks and skills*. The University of Michigan Press.
- Tessler, M. H., & Goodman, N. D. (2019). The language of generalization. *Psychological Review*, *126*(3), 395–436. <https://psycnet.apa.org/doi/10.1037/rev0000142>
- Thelwall, M., & Mas-Bleda, A. (2020). How common are explicit research questions in journal articles? *Quantitative Science Studies*, *1*(2), 730–748. [https://doi.org/10.1162/qss\\_a\\_00041](https://doi.org/10.1162/qss_a_00041)
- Tuchscherer, N. R. (2016). *Adverbial clauses in 4th grade science textbooks: A structural and functional analysis* [Master's thesis, Hamline University]. HSEL Student Capstone Theses and Dissertations. [https://digitalcommons.hamline.edu/cgi/viewcontent.cgi?article=5114&context=hes\\_all](https://digitalcommons.hamline.edu/cgi/viewcontent.cgi?article=5114&context=hes_all)
- Wei, M., & Yu, G. (2019). On nominalization metaphor and its discourse function. *Journal of Language Teaching and Research*, *10*(5), 1005–1009. <http://dx.doi.org/10.17507/jltr.1005.12>
- White, P. (2017). *Developing research questions* (2nd ed.). Bloomsbury Publishing.
- Wilkins, D. A. (1999). Applied linguistics. In B. Spolsky (Ed.), *Concise encyclopedia of educational linguistics* (pp. 6–17). Elsevier.
- Witte, S. P., & Faigley, L. (1981). Coherence, cohesion, and writing quality. *College Composition and Communication*, *32*(2), 189–204. <http://dx.doi.org/10.2307/356693>

- Wood, D. (2015). *Fundamentals of formulaic language: An introduction*. Bloomsbury Publishing.
- Wray, A. (2002). *Formulaic language and the lexicon*. Cambridge University Press.
- Yuliawati, S., Ekawati, D., & Mawarrani, R. E. (2021). Investigating lexical bundles in the corpora of English and Indonesian research articles with the sketch engine. *Jurnal Sosioteknologi*, 20(2), 188–200. <https://doi.org/10.5614/sostek.itbj.2021.20.2.5>
- Zare, J., & Valipouri, L. (2021). Lexical bundles in research articles in chemistry: A structural analysis. *Iranian Journal of English for Academic Purposes*, 10(2), 90–105. <https://dorl.net/dor/20.1001.1.24763187.2021.10.2.7.3>