

Walter Daelemans

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

2,400
citations

377584

21
h-index

340414

39
g-index

132
all docs

132
docs citations

132
times ranked

2194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Communicating across educational boundaries: accommodation patterns in adolescents'™ online interactions. <i>Applied Linguistics Review</i> , 2024, 15, 1-29. | 0.4 | 1 |
| 2 | EmoLabel: Semi-Automatic Methodology for Emotion Annotation of Social Media Text. <i>IEEE Transactions on Affective Computing</i> , 2022, 13, 579-591. | 5.7 | 8 |
| 3 | Linguistic Accommodation in Teenagers'™ Social Media Writing: Convergence Patterns in Mixed-gender Conversations. <i>Journal of Quantitative Linguistics</i> , 2022, 29, 241-268. | 0.7 | 11 |
| 4 | Predicting COVID-19 Symptoms From Free Text in Medical Records Using Artificial Intelligence: Feasibility Study. <i>JMIR Medical Informatics</i> , 2022, 10, e37771. | 1.3 | 1 |
| 5 | Detecting Vaccine Skepticism on Twitter Using Heterogeneous Information Networks. <i>Lecture Notes in Computer Science</i> , 2022, , 370-381. | 1.0 | 1 |
| 6 | An Ensemble Approach for Dutch Cross-Domain Hate Speech Detection. <i>Lecture Notes in Computer Science</i> , 2022, , 3-15. | 1.0 | 3 |
| 7 | Current limitations in cyberbullying detection: On evaluation criteria, reproducibility, and data scarcity. <i>Language Resources and Evaluation</i> , 2021, 55, 597-633. | 1.8 | 18 |
| 8 | Scalable Few-Shot Learning of Robust Biomedical Name Representations. , 2021, , . | | 1 |
| 9 | Improving Hate Speech Type and Target Detection with Hateful Metaphor Features. , 2021, , . | | 6 |
| 10 | Comparing automated content analysis methods to distinguish issue communication by political parties on Twitter. <i>Computational Communication Research</i> , 2021, 3, 1-27. | 1.2 | 2 |
| 11 | Are we there yet? Exploring clinical domain knowledge of BERT models. , 2021, , . | | 9 |
| 12 | Multi-modal Label Retrieval for the Visual Arts: The Case of Iconclass. , 2021, , . | | 1 |
| 13 | Transfer Learning with Style Transfer between the Photorealistic and Artistic Domain. <i>IS&T International Symposium on Electronic Imaging</i> , 2021, 33, 41-1-41-9. | 0.3 | 0 |
| 14 | Interlocutors'™ Age Impacts Teenagers'™ Online Writing Style: Accommodation in Intra- and Intergenerational Online Conversations. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 738278. | 2.0 | 3 |
| 15 | Contextual explanation rules for neural clinical classifiers. , 2021, , . | | 0 |
| 16 | Improving Cross-Domain Hate Speech Detection by Reducing the False Positive Rate. , 2021, , . | | 5 |
| 17 | Automatic classification of social media reports on violent incidents in South Africa using machine learning. <i>South African Journal of Science</i> , 2020, 116, . | 0.3 | 3 |
| 18 | Lexical Patterns in Adolescents'™ Online Writing: The Impact of Age, Gender, and Education. <i>Written Communication</i> , 2020, 37, 365-400. | 0.7 | 7 |

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|----|---|-----|-----------|
| 19 | Exploring the Classification of Security Events using Sparse and Dense Representation of Text. , 2020, , . | | 0 |
| 20 | Character-Level Transformer-Based Neural Machine Translation. , 2020, , . | | 9 |
| 21 | Sarcasm Detection Using an Ensemble Approach. , 2020, , . | | 15 |
| 22 | Transfer Learning for Digital Heritage Collections: Comparing Neural Machine Translation at the Subword-level and Character-level. , 2020, , . | | 2 |
| 23 | A Deep Generative Approach to Native Language Identification. , 2020, , . | | 1 |
| 24 | Computer-mediated communication (CMC) and social media corpora: Introduction. European Journal of Applied Linguistics, 2019, 7, 157-162. | 0.4 | 1 |
| 25 | Deep Transfer Learning for Art Classification Problems. Lecture Notes in Computer Science, 2019, , 631-646. | 1.0 | 18 |
| 26 | Simulating speech processing with cochlear implants: How does channel interaction affect learning in neural networks?. PLoS ONE, 2019, 14, e0212134. | 1.1 | 2 |
| 27 | Children Probably Store Short Rather Than Frequent or Predictable Chunks: Quantitative Evidence From a Corpus Study. Frontiers in Psychology, 2019, 10, 80. | 1.1 | 7 |
| 28 | Unsupervised concept extraction from clinical text through semantic composition. Journal of Biomedical Informatics, 2019, 91, 103120. | 2.5 | 6 |
| 29 | Discourse lexicon induction for multiple languages and its use for gender profiling. Digital Scholarship in the Humanities, 2019, 34, 208-220. | 0.4 | 3 |
| 30 | Evolution of the PAN Lab on Digital Text Forensics. The Kluwer International Series on Information Retrieval, 2019, , 461-485. | 1.0 | 4 |
| 31 | Overview of PAN 2019: Bots and Gender Profiling, Celebrity Profiling, Cross-Domain Authorship Attribution and Style Change Detection. Lecture Notes in Computer Science, 2019, , 402-416. | 1.0 | 26 |
| 32 | Adolescentsâ€™ perceptions of social media writing: Has non-standard become the new standard?. European Journal of Applied Linguistics, 2019, 7, 189-224. | 0.4 | 9 |
| 33 | Belgian economic policy uncertainty index: Improvement through text mining. International Journal of Forecasting, 2018, 34, 355-365. | 3.9 | 45 |
| 34 | Lexical category acquisition is facilitated by uncertainty in distributional co-occurrences. PLoS ONE, 2018, 13, e0209449. | 1.1 | 5 |
| 35 | Automatic detection of cyberbullying in social media text. PLoS ONE, 2018, 13, e0203794. | 1.1 | 174 |
| 36 | Patient representation learning and interpretable evaluation using clinical notes. Journal of Biomedical Informatics, 2018, 84, 103-113. | 2.5 | 29 |

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| 37 | Adolescents'™ social background and non-standard writing in online communication. Dutch Journal of Applied Linguistics, 2018, 7, 2-25. | 0.3 | 7 |
| 38 | CliCR: a Dataset of Clinical Case Reports for Machine Reading Comprehension. , 2018, , . | | 42 |
| 39 | Rule induction for global explanation of trained models. , 2018, , . | | 7 |
| 40 | Predicting Adolescents'™ Educational Track from Chat Messages on Dutch Social Media. , 2018, , . | | 3 |
| 41 | Revisiting neural relation classification in clinical notes with external information. , 2018, , . | | 0 |
| 42 | From Strings to Other Things: Linking the Neighborhood and Transposition Effects in Word Reading. , 2018, , . | | 0 |
| 43 | Metameric. Mental Lexicon, 2018, 13, 333-353. | 0.2 | 0 |
| 44 | Assigning clinical codes with data-driven concept representation on Dutch clinical free text. Journal of Biomedical Informatics, 2017, 69, 118-127. | 2.5 | 6 |
| 45 | Selecting relevant features from the electronic health record for clinical code prediction. Journal of Biomedical Informatics, 2017, 74, 92-103. | 2.5 | 31 |
| 46 | Counting trees in Random Forests: Predicting symptom severity in psychiatric intake reports. Journal of Biomedical Informatics, 2017, 75, S112-S119. | 2.5 | 19 |
| 47 | Facilitatory Effects of Multi-Word Units in Lexical Processing and Word Learning: A Computational Investigation. Frontiers in Psychology, 2017, 8, 555. | 1.1 | 12 |
| 48 | Unsupervised Context-Sensitive Spelling Correction of Clinical Free-Text with Word and Character N-Gram Embeddings. , 2017, , . | | 29 |
| 49 | Assessing the Stylistic Properties of Neurally Generated Text in Authorship Attribution. , 2017, , . | | 6 |
| 50 | Simple Queries as Distant Labels for Predicting Gender on Twitter. , 2017, , . | | 10 |
| 51 | A Short Review of Ethical Challenges in Clinical Natural Language Processing. , 2017, , . | | 13 |
| 52 | POS Tagging. , 2017, , 985-989. | | 0 |
| 53 | Computational Language Analysis for Assessment of Schizophrenia. , 2017, , . | | 1 |
| 54 | Chapter 10. Acquisition of phonological variables of a Flemish dialect by children raised in Standard Dutch. Studies in Language Variation, 2017, , 267-304. | 0.2 | 2 |

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| 55 | Towards the Improvement of Automatic Emotion Pre-annotation with Polarity and Subjective Information. , 2017, , . | | 2 |
| 56 | Stylene: an Environment for Stylometry and Readability Research for Dutch. , 2017, , 195-209. | | 0 |
| 57 | Multimodular Text Normalization of Dutch User-Generated Content. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-22. | 2.9 | 22 |
| 58 | Data integration of structured and unstructured sources for assigning clinical codes to patient stays. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, e11-e19. | 2.2 | 56 |
| 59 | Literary Detective Work on the Computer. Michael P. Oakes.. Digital Scholarship in the Humanities, 2016, , fqw055. | 0.4 | 0 |
| 60 | Authenticating the writings of Julius Caesar. Expert Systems With Applications, 2016, 63, 86-96. | 4.4 | 72 |
| 61 | The strategic impact of META-NET on the regional, national and international level. Language Resources and Evaluation, 2016, 50, 351-374. | 1.8 | 3 |
| 62 | Using Distributed Representations to Disambiguate Biomedical and Clinical Concepts. , 2016, , . | | 16 |
| 63 | Effects of online abstraction on adjective order preferences. Language, Cognition and Neuroscience, 2015, 30, 816-831. | 0.7 | 2 |
| 64 | Automatic monitoring of cyberbullying on social networking sites: From technological feasibility to desirability. Telematics and Informatics, 2015, 32, 89-97. | 3.5 | 58 |
| 65 | Evaluating Content-Independent Features for Personality Recognition. , 2014, , . | | 5 |
| 66 | Evaluating and understanding text-based stock price prediction models. Information Processing and Management, 2014, 50, 426-441. | 5.4 | 67 |
| 67 | Lazy and Eager Relational Learning Using Graph-Kernels. Lecture Notes in Computer Science, 2014, , 171-184. | 1.0 | 1 |
| 68 | Using Wiktionary to Build an Italian Part-of-Speech Tagger. Lecture Notes in Computer Science, 2014, , 1-8. | 1.0 | 3 |
| 69 | Outomatiese genreklassifikasie vir Afrikaans. South African Journal of Science and Technology, 2014, 33, . | 0.1 | 0 |
| 70 | Explanation in Computational Stylometry. Lecture Notes in Computer Science, 2013, , 451-462. | 1.0 | 45 |
| 71 | Selective impairment of adjective order constraints as overeager abstraction: An elaboration on Kemmerer etÅal. (2009). Journal of Neurolinguistics, 2013, 26, 46-72. | 0.5 | 4 |
| 72 | Implicit Schemata and Categories in Memory-based Language Processing. Language and Speech, 2013, 56, 309-328. | 0.6 | 16 |

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|----|--|------|-----------|
| 73 | COREA: Coreference Resolution for Extracting Answers for Dutch. Theory and Applications of Natural Language Processing, 2013, , 115-128. | 0.3 | 0 |
| 74 | Robust Rhymes? The Stability of Authorial Style in Medieval Narratives*. Journal of Quantitative Linguistics, 2012, 19, 54-76. | 0.7 | 3 |
| 75 | Cross-Genre Authorship Verification Using Unmasking. English Studies, 2012, 93, 340-356. | 0.1 | 38 |
| 76 | Fine-Grained Emotion Detection in Suicide Notes: A Thresholding Approach to Multi-Label Classification. Biomedical Informatics Insights, 2012, 5s1, BII.S8966. | 4.6 | 22 |
| 77 | Media coverage in times of political crisis: A text mining approach. Expert Systems With Applications, 2012, 39, 11616-11622. | 4.4 | 37 |
| 78 | deLearyous: An Interactive Application for Interpersonal Communication Training. Communications in Computer and Information Science, 2012, , 87-90. | 0.4 | 3 |
| 79 | Kernel-Based Logical and Relational Learning with kLog for Hedge Cue Detection. Lecture Notes in Computer Science, 2012, , 347-357. | 1.0 | 10 |
| 80 | Predicting age and gender in online social networks. , 2011, , . | | 142 |
| 81 | BioGraph: unsupervised biomedical knowledge discovery via automated hypothesis generation. Genome Biology, 2011, 12, R57. | 13.9 | 109 |
| 82 | Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. Journal of Biomedical Semantics, 2011, 2, S11. | 0.9 | 39 |
| 83 | BioGraph: Knowledge Discovery and Exploration in the Biomedical Domain. , 2011, , . | | 0 |
| 84 | Generative Art Inspired by Nature, Using NodeBox. Lecture Notes in Computer Science, 2011, , 264-272. | 1.0 | 7 |
| 85 | Memory-Based Learning. , 2010, , 154-179. | | 8 |
| 86 | Highlights of the BioTM 2010 workshop on advances in bio text mining. BMC Bioinformatics, 2010, 11, . | 1.2 | 3 |
| 87 | On the Limits of Sentence Compression by Deletion. Lecture Notes in Computer Science, 2010, , 45-66. | 1.0 | 6 |
| 88 | A Chunk-Driven Bootstrapping Approach to Extracting Translation Patterns. Lecture Notes in Computer Science, 2010, , 394-405. | 1.0 | 2 |
| 89 | Guest Editorsâ€™ introduction: special issue of selected papers from ECML PKDD 2008. Machine Learning, 2008, 72, 155-156. | 3.4 | 0 |
| 90 | Guest Editorsâ€™ Introduction: Special issue of Selected Papers from ECML PKDD 2008. Data Mining and Knowledge Discovery, 2008, 17, 1-2. | 2.4 | 0 |

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| 91 | Semantic and Syntactic Features for Dutch Coreference Resolution. , 2008, , 351-361. | | 6 |
| 92 | Dutch plural inflection: The exception that proves the analogy†. Cognitive Psychology, 2007, 54, 283-318. | 0.9 | 52 |
| 93 | Evaluating Hybrid Versus Data-Driven Coreference Resolution. , 2007, , 137-150. | | 3 |
| 94 | Disambiguation of the Neuter Pronoun and Its Effect on Pronominal Coreference Resolution. , 2007, , 48-55. | | 2 |
| 95 | Memory-Based Learning in Natural Language Processing. , 2005, , 3-14. | | 1 |
| 96 | Memory and Similarity. , 2005, , 26-56. | | 0 |
| 97 | Application to morpho-phonology. , 2005, , 57-84. | | 0 |
| 98 | Application to shallow parsing. , 2005, , 85-103. | | 0 |
| 99 | Abstraction and generalization. , 2005, , 104-147. | | 3 |
| 100 | Inspirations from linguistics and artificial intelligence. , 2005, , 15-25. | | 0 |
| 101 | Improving sequence segmentation learning by predicting trigrams. , 2005, , . | | 5 |
| 102 | Recent Advances in Example-Based Machine Translation. Computational Linguistics, 2004, 30, 516-520. | 2.5 | 22 |
| 103 | Using rule-induction techniques to model pronunciation variation in Dutch. Computer Speech and Language, 2004, 18, 1-23. | 2.9 | 8 |
| 104 | Combined Optimization of Feature Selection and Algorithm Parameters in Machine Learning of Language. Lecture Notes in Computer Science, 2003, , 84-95. | 1.0 | 33 |
| 105 | Transcription of out-of-vocabulary words in large vocabulary speech recognition based on phoneme-to-grapheme conversion. , 2002, , . | | 6 |
| 106 | Logistic-based patient grouping for multi-disciplinary treatment. Artificial Intelligence in Medicine, 2002, 26, 87-107. | 3.8 | 24 |
| 107 | 7. A comparison of Analogical Modeling to Memory-Based Language Processing. Human Cognitive Processing, 2002, , 157-179. | 0.1 | 17 |
| 108 | Improving Accuracy in Word Class Tagging through the Combination of Machine Learning Systems. Computational Linguistics, 2001, 27, 199-229. | 2.5 | 120 |

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| 109 | Memory-based morphological analysis. , 1999, , . | | 49 |
| 110 | Forgetting Exceptions is Harmful in Language Learning. Machine Learning, 1999, 34, 11-41. | 3.4 | 128 |
| 111 | Introduction to the special issue on memory-based language processing. Journal of Experimental and Theoretical Artificial Intelligence, 1999, 11, 287-296. | 1.8 | 22 |
| 112 | IGTree: Using Trees for Compression and Classification in Lazy Learning Algorithms. Artificial Intelligence Review, 1997, 11, 407-423. | 9.7 | 89 |
| 113 | Memory-based learning. , 1997, , . | | 10 |
| 114 | Memory-based lexical acquisition and processing. Lecture Notes in Computer Science, 1995, , 85-98. | 1.0 | 10 |
| 115 | Default inheritance in an object-oriented representation of linguistic categories. International Journal of Human Computer Studies, 1994, 41, 149-177. | 3.7 | 5 |
| 116 | Measuring the complexity of writing systems*. Journal of Quantitative Linguistics, 1994, 1, 178-188. | 0.7 | 40 |
| 117 | A Neural Network for Hyphenation. , 1992, , 1647-1650. | | 6 |
| 118 | A Model of Dutch Morphophonology and its Applications. AI Communications, 1988, 1, 18-25. | 0.8 | 1 |
| 119 | Artificial intelligence tools for grammar and spelling instruction. Instructional Science, 1987, 16, 319-336. | 1.1 | 21 |
| 120 | Lemmatization for variation-rich languages using deep learning. Digital Scholarship in the Humanities, 0, , fqw034. | 0.4 | 8 |
| 121 | Comparing Automated Content Analysis Methods To Distinguish Issue Communication by Political Parties on Twitter. SSRN Electronic Journal, 0, , . | 0.4 | 1 |