

Walter Daelemans

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

2,400
citations

331670

21
h-index

302126

39
g-index

132
all docs

132
docs citations

132
times ranked

1944
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.	0.9	1
2	EmoLabel: Semi-Automatic Methodology for Emotion Annotation of Social Media Text. <i>IEEE Transactions on Affective Computing</i> , 2022, 13, 579-591.	8.3	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.	1.2	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.	2.6	1
5	Detecting Vaccine Skepticism on Twitter Using Heterogeneous Information Networks. <i>Lecture Notes in Computer Science</i> , 2022, , 370-381.	1.3	1
6	An Ensemble Approach for Dutch Cross-Domain Hate Speech Detection. <i>Lecture Notes in Computer Science</i> , 2022, , 3-15.	1.3	3
7	Current limitations in cyberbullying detection: On evaluation criteria, reproducibility, and data scarcity. <i>Language Resources and Evaluation</i> , 2021, 55, 597-633.	2.7	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.	2.0	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.	0.4	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.	3.4	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, .	0.7	3
18	Lexical Patterns in Adolescents'™ Online Writing: The Impact of Age, Gender, and Education. <i>Written Communication</i> , 2020, 37, 365-400.	1.3	7

#	ARTICLE	IF	CITATIONS
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.	0.6	1
25	Deep Transfer Learning for Art Classification Problems. Lecture Notes in Computer Science, 2019, , 631-646.	1.3	18
26	Simulating speech processing with cochlear implants: How does channel interaction affect learning in neural networks?. PLoS ONE, 2019, 14, e0212134.	2.5	2
27	Children Probably Store Short Rather Than Frequent or Predictable Chunks: Quantitative Evidence From a Corpus Study. Frontiers in Psychology, 2019, 10, 80.	2.1	7
28	Unsupervised concept extraction from clinical text through semantic composition. Journal of Biomedical Informatics, 2019, 91, 103120.	4.3	6
29	Discourse lexicon induction for multiple languages and its use for gender profiling. Digital Scholarship in the Humanities, 2019, 34, 208-220.	0.7	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.	1.3	26
32	Adolescentsâ€™ perceptions of social media writing: Has non-standard become the new standard?. European Journal of Applied Linguistics, 2019, 7, 189-224.	0.6	9
33	Belgian economic policy uncertainty index: Improvement through text mining. International Journal of Forecasting, 2018, 34, 355-365.	6.5	45
34	Lexical category acquisition is facilitated by uncertainty in distributional co-occurrences. PLoS ONE, 2018, 13, e0209449.	2.5	5
35	Automatic detection of cyberbullying in social media text. PLoS ONE, 2018, 13, e0203794.	2.5	174
36	Patient representation learning and interpretable evaluation using clinical notes. Journal of Biomedical Informatics, 2018, 84, 103-113.	4.3	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.	0.5	0
44	Assigning clinical codes with data-driven concept representation on Dutch clinical free text. Journal of Biomedical Informatics, 2017, 69, 118-127.	4.3	6
45	Selecting relevant features from the electronic health record for clinical code prediction. Journal of Biomedical Informatics, 2017, 74, 92-103.	4.3	31
46	Counting trees in Random Forests: Predicting symptom severity in psychiatric intake reports. Journal of Biomedical Informatics, 2017, 75, S112-S119.	4.3	19
47	Facilitatory Effects of Multi-Word Units in Lexical Processing and Word Learning: A Computational Investigation. Frontiers in Psychology, 2017, 8, 555.	2.1	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.	4.5	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.	4.4	56
59	Literary Detective Work on the Computer. Michael P. Oakes.. Digital Scholarship in the Humanities, 2016, , fqw055.	0.7	0
60	Authenticating the writings of Julius Caesar. Expert Systems With Applications, 2016, 63, 86-96.	7.6	72
61	The strategic impact of META-NET on the regional, national and international level. Language Resources and Evaluation, 2016, 50, 351-374.	2.7	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.	1.2	2
64	Automatic monitoring of cyberbullying on social networking sites: From technological feasibility to desirability. Telematics and Informatics, 2015, 32, 89-97.	5.8	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.	8.6	67
67	Lazy and Eager Relational Learning Using Graph-Kernels. Lecture Notes in Computer Science, 2014, , 171-184.	1.3	1
68	Using Wiktionary to Build an Italian Part-of-Speech Tagger. Lecture Notes in Computer Science, 2014, , 1-8.	1.3	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.	1.3	45
71	Selective impairment of adjective order constraints as overeager abstraction: An elaboration on Kemmerer etÅal. (2009). Journal of Neurolinguistics, 2013, 26, 46-72.	1.1	4
72	Implicit Schemata and Categories in Memory-based Language Processing. Language and Speech, 2013, 56, 309-328.	1.1	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.	1.2	3
75	Cross-Genre Authorship Verification Using Unmasking. English Studies, 2012, 93, 340-356.	0.2	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.	7.6	37
78	deLearyous: An Interactive Application for Interpersonal Communication Training. Communications in Computer and Information Science, 2012, , 87-90.	0.5	3
79	Kernel-Based Logical and Relational Learning with kLog for Hedge Cue Detection. Lecture Notes in Computer Science, 2012, , 347-357.	1.3	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.	9.6	109
82	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. Journal of Biomedical Semantics, 2011, 2, S11.	1.6	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.	1.3	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, .	2.6	3
87	On the Limits of Sentence Compression by Deletion. Lecture Notes in Computer Science, 2010, , 45-66.	1.3	6
88	A Chunk-Driven Bootstrapping Approach to Extracting Translation Patterns. Lecture Notes in Computer Science, 2010, , 394-405.	1.3	2
89	Guest Editorsâ€™ introduction: special issue of selected papers from ECML PKDD 2008. Machine Learning, 2008, 72, 155-156.	5.4	0
90	Guest Editorsâ€™ Introduction: Special issue of Selected Papers from ECML PKDD 2008. Data Mining and Knowledge Discovery, 2008, 17, 1-2.	3.7	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.	2.2	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.	3.3	22
103	Using rule-induction techniques to model pronunciation variation in Dutch. Computer Speech and Language, 2004, 18, 1-23.	4.3	8
104	Combined Optimization of Feature Selection and Algorithm Parameters in Machine Learning of Language. Lecture Notes in Computer Science, 2003, , 84-95.	1.3	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.	6.5	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.	3.3	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.	5.4	128
111	Introduction to the special issue on memory-based language processing. Journal of Experimental and Theoretical Artificial Intelligence, 1999, 11, 287-296.	2.8	22
112	IGTree: Using Trees for Compression and Classification in Lazy Learning Algorithms. Artificial Intelligence Review, 1997, 11, 407-423.	15.7	89
113	Memory-based learning. , 1997, , .		10
114	Memory-based lexical acquisition and processing. Lecture Notes in Computer Science, 1995, , 85-98.	1.3	10
115	Default inheritance in an object-oriented representation of linguistic categories. International Journal of Human Computer Studies, 1994, 41, 149-177.	5.6	5
116	Measuring the complexity of writing systems*. Journal of Quantitative Linguistics, 1994, 1, 178-188.	1.2	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.	1.2	1
119	Artificial intelligence tools for grammar and spelling instruction. Instructional Science, 1987, 16, 319-336.	2.0	21
120	Lemmatization for variation-rich languages using deep learning. Digital Scholarship in the Humanities, 0, , fqw034.	0.7	8
121	Comparing Automated Content Analysis Methods To Distinguish Issue Communication by Political Parties on Twitter. SSRN Electronic Journal, 0, , .	0.4	1