Scott A Crossley

List of Publications by Year
in descending order

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97 papers	4,858 citations	109321 35 h-index	110387 64 g-index
100 all docs	100 docs citations	100 times ranked	1575 citing authors

#	Article	IF	Citations
1	Linguistic Features of Writing Quality. Written Communication, 2010, 27, 57-86.	1.3	317
2	Automatically Assessing Lexical Sophistication: Indices, Tools, Findings, and Application. TESOL Quarterly, 2015, 49, 757-786.	2.9	264
3	Assessing Text Readability Using Cognitively Based Indices. TESOL Quarterly, 2008, 42, 475-493.	2.9	181
4	Predicting second language writing proficiency: the roles of cohesion and linguistic sophistication. Journal of Research in Reading, 2012, 35, 115-135.	2.0	167
5	A Linguistic Analysis of Simplified and Authentic Texts. Modern Language Journal, 2007, 91, 15-30.	2.3	158
6	A hierarchical classification approach to automated essay scoring. Assessing Writing, 2015, 23, 35-59.	3.4	157
7	Measuring Syntactic Complexity in L2 Writing Using Fineâ€Grained Clausal and Phrasal Indices. Modern Language Journal, 2018, 102, 333-349.	2.3	155
8	Does writing development equal writing quality? A computational investigation of syntactic complexity in L2 learners. Journal of Second Language Writing, 2014, 26, 66-79.	3.0	147
9	The tool for the automatic analysis of text cohesion (TAACO): Automatic assessment of local, global, and text cohesion. Behavior Research Methods, 2016, 48, 1227-1237.	4.0	145
10	Predicting human judgments of essay quality in both integrated and independent second language writing samples: A comparison study. Assessing Writing, 2013, 18, 218-238.	3.4	137
11	Sentiment Analysis and Social Cognition Engine (SEANCE): An automatic tool for sentiment, social cognition, and social-order analysis. Behavior Research Methods, 2017, 49, 803-821.	4.0	134
12	The Development of Polysemy and Frequency Use in English Second Language Speakers. Language Learning, 2010, 60, 573-605.	2.7	133
13	The development and use of cohesive devices in L2 writing and their relations to judgments of essay quality. Journal of Second Language Writing, 2016, 32, 1-16.	3.0	130
14	The tool for the automatic analysis of lexical sophistication (TAALES): version 2.0. Behavior Research Methods, 2018, 50, 1030-1046.	4.0	128
15	Computational assessment of lexical differences in L1 and L2 writing. Journal of Second Language Writing, 2009, 18, 119-135.	3.0	127
16	The relationship between lexical sophistication and independent and source-based writing. Journal of Second Language Writing, 2016, 34, 12-24.	3.0	124
17	Natural language processing in an intelligent writing strategy tutoring system. Behavior Research Methods, 2013, 45, 499-515.	4.0	117
18	The Development of Writing Proficiency as a Function of Grade Level: A Linguistic Analysis. Written Communication, 2011, 28, 282-311.	1.3	115

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19	Predicting lexical proficiency in language learner texts using computational indices. Language Testing, 2011, 28, 561-580.	3.2	114
20	Predicting Text Comprehension, Processing, and Familiarity in Adult Readers: New Approaches to Readability Formulas. Discourse Processes, 2017, 54, 340-359.	1.8	103
21	Assessing syntactic sophistication in L2 writing: A usage-based approach. Language Testing, 2017, 34, 513-535.	3.2	80
22	Measuring L2 Lexical Growth Using Hypernymic Relationships. Language Learning, 2009, 59, 307-334.	2.7	79
23	Predicting the proficiency level of language learners using lexical indices. Language Testing, 2012, 29, 243-263.	3.2	73
24	Lexical Sophistication as a Multidimensional Phenomenon: Relations to Second Language Lexical Proficiency, Development, and Writing Quality. Modern Language Journal, 2018, 102, 120-141.	2.3	73
25	The Tool for the Automatic Analysis of Cohesion 2.0: Integrating semantic similarity and text overlap. Behavior Research Methods, 2019, 51, 14-27.	4.0	66
26	Psycholinguistic word information in second language oral discourse. Second Language Research, 2011, 27, 343-360.	2.0	65
27	What Is Lexical Proficiency? Some Answers From Computational Models of Speech Data. TESOL Quarterly, 2011, 45, 182-193.	2.9	60
28	Text simplification and comprehensible input: A case for an intuitive approach. Language Teaching Research, 2012, 16, 89-108.	4.0	58
29	Comparing count-based and band-based indices of word frequency: Implications for active vocabulary research and pedagogical applications. System, 2013, 41, 965-981.	3.4	58
30	Modeling second language writing quality: A structural equation investigation of lexical, syntactic, and cohesive features in source-based and independent writing. Assessing Writing, 2018, 37, 39-56.	3.4	57
31	Understanding expert ratings of essay quality: Coh-Metrix analyses of first and second language writing. International Journal of Continuing Engineering Education and Life-Long Learning, 2011, 21, 170.	0.2	56
32	The development of lexical bundle accuracy and production in English second language speakers. IRAL-International Review of Applied Linguistics in Language Teaching, 2011, 49, 1-26.	0.8	54
33	N-gram measures and L2 writing proficiency. System, 2019, 80, 176-187.	3.4	46
34	Assessing the Validity of Lexical Diversity Indices Using Direct Judgements. Language Assessment Quarterly, 2021, 18, 154-170.	2.0	46
35	Analyzing Discourse Processing Using a Simple Natural Language Processing Tool. Discourse Processes, 2014, 51, 511-534.	1.8	45
36	Multi-dimensional register classification using bigrams. International Journal of Corpus Linguistics, 2007, 12, 453-478.	1.4	42

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37	Moving beyond classic readability formulas: new methods and new models. Journal of Research in Reading, 2019, 42, 541-561.	2.0	38
38	A Usageâ€Based Investigation of L2 Lexical Acquisition: The Role of Input and Output. Modern Language Journal, 2016, 100, 702-715.	2.3	35
39	Assessing Lexical Proficiency Using Analytic Ratings: A Case for Collocation Accuracy. Applied Linguistics, 0, , amt056.	2.4	34
40	FREQUENCY EFFECTS OR CONTEXT EFFECTS IN SECOND LANGUAGE WORD LEARNING. Studies in Second Language Acquisition, 2013, 35, 727-755.	2.6	33
41	Say more and be more coherent: How text elaboration and cohesion can increase writing quality. Journal of Writing Research, 2016, 7, 351-370.	1.2	33
42	Construct validity in TOEFL iBT speaking tasks: Insights from natural language processing. Language Testing, 2016, 33, 319-340.	3.2	29
43	Shared features of L2 writing: Intergroup homogeneity and text classification. Journal of Second Language Writing, 2011, 20, 271-285.	3.0	26
44	The Next Frontier in Communication and the ECLIPPSE Study: Bridging the Linguistic Divide in Secure Messaging. Journal of Diabetes Research, 2017, 2017, 1-9.	2.3	26
45	Developing pedagogically-guided algorithms for intelligent writing feedback. International Journal of Learning Technology, 2013, 8, 362.	0.2	25
46	Using natural language processing and machine learning to classify health literacy from secure messages: The ECLIPPSE study. PLoS ONE, 2019, 14, e0212488.	2.5	23
47	The Role of Lexical Properties and Cohesive Devices in Text Integration and Their Effect on Human Ratings of Speaking Proficiency. Language Assessment Quarterly, 2014, 11, 250-270.	2.0	21
48	MEASURING LONGITUDINAL WRITING DEVELOPMENT USING INDICES OF SYNTACTIC COMPLEXITY AND SOPHISTICATION. Studies in Second Language Acquisition, 2021, 43, 781-812.	2.6	21
49	Reading comprehension components and their relation to writing. Annee Psychologique, 2014, 114, 663-691.	0.3	21
50	Advancing research in second language writing through computational tools and machine learning techniques: A research agenda. Language Teaching, 2013, 46, 256-271.	2.5	20
51	A Latent Curve Model Approach To Studying L2 Nâ€Gram Development. Modern Language Journal, 2018, 102, 494-511.	2.3	20
52	Wordplay in church marquees. Humor, 2011, 24, .	1.0	19
53	Idea Generation in Student Writing. Written Communication, 2016, 33, 328-354.	1.3	19
54	ABSOLUTE FREQUENCY EFFECTS IN SECOND LANGUAGE LEXICAL ACQUISITION. Studies in Second Language Acquisition, 2019, 41, 721-744.	2.6	19

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55	Technological disruption in foreign language teaching: The rise of simultaneous machine translation. Language Teaching, 2018, 51, 541-552.	2.5	17
56	Assessing writing with the tool for the automatic analysis of lexical sophistication (TAALES). Assessing Writing, 2018, 38, 46-50.	3.4	17
57	Beginning and intermediate L2 writerâ€™s use of N-grams: an association measures study. IRAL-International Review of Applied Linguistics in Language Teaching, 2020, 58, 51-74.	0.8	17
58	Verb argument construction complexity indices and L2 writing quality: Effects of writing tasks and prompts. Journal of Second Language Writing, 2020, 49, 100730.	3.0	17
59	Secure Messaging with Physicians by Proxies for Patients with Diabetes: Findings from the ECLIPPSE Study. Journal of General Internal Medicine, 2019, 34, 2490-2496.	2.6	16
60	Examining the Online Processing of Satirical Newspaper Headlines. Discourse Processes, 2019, 56, 61-76.	1.8	16
61	Using Automated Indices of Cohesion to Evaluate an Intelligent Tutoring System and an Automated Writing Evaluation System. Lecture Notes in Computer Science, 2013, , 269-278.	1.3	16
62	A large-scaled corpus for assessing text readability. Behavior Research Methods, 2023, 55, 491-507.	4.0	16
63	Precision communication: Physiciansâ€™ linguistic adaptation to patientsâ€™ health literacy. Science Advances, 2021, 7, eabj2836.	10.3	16
64	Frequency effects and second language lexical acquisition. International Journal of Corpus Linguistics, 2014, 19, 301-332.	1.4	15
65	Pssst... textual features... there is more to automatic essay scoring than just you!. , 2015, , .		15
66	Learning linkages: Integrating data streams of multiple modalities and timescales. Journal of Computer Assisted Learning, 2019, 35, 99-109.	5.1	15
67	Examining lexical development in second language learners: An approximate replication of Salsbury, Crossley & McNamara (2011). Language Teaching, 2019, 52, 385-405.	2.5	15
68	Effects of lexical features, textual properties, and individual differences on word processing times during second language reading comprehension. Reading and Writing, 2018, 31, 1155-1180.	1.7	14
69	Developing and Testing Automatic Models of Patient Communicative Health Literacy Using Linguistic Features: Findings from the ECLIPPSE study. Health Communication, 2021, 36, 1018-1028.	3.1	14
70	Accuracy feedback improves word learning from context: evidence from a meaning-generation task. Reading and Writing, 2016, 29, 609-632.	1.7	11
71	Using Native-Speaker Psycholinguistic Norms to Predict Lexical Proficiency and Development in Second-Language Production. Applied Linguistics, 2019, 40, 22-42.	2.4	11
72	Predicting the readability of physiciansâ€™ secure messages to improve health communication using novel linguistic features: Findings from the ECLIPPSE study. Journal of Communication in Healthcare, 2020, 13, 344-356.	1.5	11

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73	Employing computational linguistics techniques to identify limited patient health literacy: Findings from the ECLIPPSE study. Health Services Research, 2021, 56, 132-144.	2.0	10
74	USING LEXICAL FEATURES TO INVESTIGATE SECOND LANGUAGE LEXICAL DECISION PERFORMANCE. Studies in Second Language Acquisition, 2019, 41, 911-935.	2.6	8
75	ChapterÂ3. The effects of task repetition and task complexity on L2 lexicon use. Task-based Language Teaching, 0, , 75-96.	1.5	8
76	Second language reading and writing in relation to first language, vocabulary knowledge, and learning backgrounds. International Journal of Bilingual Education and Bilingualism, 2022, 25, 1992-2005.	2.1	7
77	Predicting Math Identity Through Language and Click-Stream Patterns in a Blended Learning Mathematics Program for Elementary Students. Journal of Learning Analytics, 2020, 7, .	2.4	7
78	Chapter 3.1 A Multi-Dimensional analysis of essay writing. Studies in Corpus Linguistics, 2014, , 197-238.	0.2	7
79	Analyzing Spoken and Written Discourse: A Role for Natural Language Processing Tools. , 2018, , 567-594.		6
80	Text Integration and Speaking Proficiency: Linguistic, Individual Differences, and Strategy Use Considerations. Language Assessment Quarterly, 2019, 16, 217-235.	2.0	6
81	In Search of New Benchmarks: Using L2 Lexical Frequency and Contextual Diversity Indices to Assess Second Language Writing. Applied Linguistics, 2020, 41, 280-300.	2.4	6
82	MODELING INDIVIDUAL DIFFERENCES AMONG WRITERS USING READERBENCH. , 2016, , .		6
83	Source inclusion in synthesis writing: an NLP approach to understanding argumentation, sourcing, and essay quality. Reading and Writing, 0, , 1.	1.7	6
84	Expressing Sentiments in Game Reviews. Lecture Notes in Computer Science, 2016, , 352-355.	1.3	5
85	Challenges and solutions to employing natural language processing and machine learning to measure patientsâ€™ health literacy and physician writing complexity: The ECLIPPSE study. Journal of Biomedical Informatics, 2021, 113, 103658.	4.3	5
86	The effect of cohesive features in integrated and independent L2 writing quality and text classification. Language Education & Assessment, 2019, 2, 110-134.	0.5	5
87	That noun phrase may be beneficial and this may not be: discourse cohesion in reading and writing. Reading and Writing, 2017, 30, 569-589.	1.7	4
88	The action dynamics of native and non-native speakers of English in processing active and passive sentences. Linguistic Approaches To Bilingualism, 2020, 10, 58-85.	0.9	4
89	Letting the Genie Out of the Lamp: Using Natural Language Processing Tools to Predict Math Performance. Lecture Notes in Computer Science, 2017, , 330-342.	1.3	3
90	Descriptive examination of secure messaging in a longitudinal cohort of diabetes patients in the ECLIPPSE study. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1252-1258.	4.4	3

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91	Predictors of English as second language learnersâ€™ oral proficiency development in a classroom context. International Journal of Applied Linguistics, 2021, 31, 526-548.	0.9	2
92	Please, Please, Just Tell Me: The Linguistic Features of Humorous Deception. Dialogue and Discourse, 2020, 11, 128-149.	1.0	2
93	Cohesive devices as an indicator of L2 students' writing fluency. Reading and Writing, 2024, 37, 419-441.	1.7	2
94	Roles of working memory, syllogistic inferencing ability, and linguistic knowledge on second language listening comprehension for passages of different lengths. Language Testing, 0, , 026553222110600.	3.2	2
95	Validity of a Computational Linguistics-Derived Automated Health Literacy Measure Across Race/Ethnicity: Findings from The ECLIPPSE Project. Journal of Health Care for the Poor and Underserved, 2021, 32, 347-365.	0.8	1
96	Relationships Between Math Performance and Human Judgments of Motivational Constructs in an Online Math Tutoring System. Lecture Notes in Computer Science, 2020, , 329-333.	1.3	1
97	Studentsâ€™ use of lexical bundles. Studies in Corpus Linguistics, 2020, , 116-133.	0.2	0