

Mihai Dascalu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125 papers	780 citations	14 h-index	23 g-index
146 ext. papers	990 ext. citations	1.6 avg, IF	4.6 L-index

#	Paper	IF	Citations
125	Predicting Text Comprehension, Processing, and Familiarity in Adult Readers: New Approaches to Readability Formulas. <i>Discourse Processes</i> , 2017 , 54, 340-359	2.1	64
124	Participation in virtual academic communities of practice under the influence of technology acceptance and community factors. A learning analytics application. <i>Computers in Human Behavior</i> , 2014 , 34, 339-344	7.7	59
123	Combining click-stream data with NLP tools to better understand MOOC completion 2016 ,		50
122	Analyzing Discourse and Text Complexity for Learning and Collaborating. <i>Studies in Computational Intelligence</i> , 2014 ,	0.8	45
121	ReaderBench: Automated evaluation of collaboration based on cohesion and dialogism. <i>International Journal of Computer-Supported Collaborative Learning</i> , 2015 , 10, 395-423	4.6	37
120	PolyCAFe—Automatic support for the polyphonic analysis of CSCL chats. <i>International Journal of Computer-Supported Collaborative Learning</i> , 2014 , 9, 127-156	4.6	30
119	Cohesion network analysis of CSCL participation. <i>Behavior Research Methods</i> , 2018 , 50, 604-619	6.1	27
118	SENSE: A collaborative selfish node detection and incentive mechanism for opportunistic networks. <i>Journal of Network and Computer Applications</i> , 2014 , 41, 240-249	7.9	25
117	ReaderBench, an Environment for Analyzing Text Complexity and Reading Strategies. <i>Lecture Notes in Computer Science</i> , 2013 , 379-388	0.9	25
116	The Tool for the Automatic Analysis of Cohesion 2.0: Integrating semantic similarity and text overlap. <i>Behavior Research Methods</i> , 2019 , 51, 14-27	6.1	24
115	Mining Texts, Learner Productions and Strategies with ReaderBench. <i>Studies in Computational Intelligence</i> , 2014 , 345-377	0.8	21
114	Textual Complexity and Discourse Structure in Computer-Supported Collaborative Learning. <i>Lecture Notes in Computer Science</i> , 2012 , 352-357	0.9	20
113	Moving beyond classic readability formulas: new methods and new models. <i>Journal of Research in Reading</i> , 2019 , 42, 541-561	2.1	17
112	Finding student-centered open learning environments on the internet: Automated dialogue assessment in academic virtual communities of practice. <i>Computers in Human Behavior</i> , 2015 , 47, 119-127	7.7	16
111	Artificial intelligence moving serious gaming: Presenting reusable game AI components. <i>Education and Information Technologies</i> , 2020 , 25, 351-380	3.6	14
110	Before and during COVID-19: A Cohesion Network Analysis of students' online participation in moodle courses. <i>Computers in Human Behavior</i> , 2021 , 121, 106780	7.7	13
109	Discourse cohesion 2015 ,		10

108	ASAP- An Advanced System for Assessing Chat Participants. <i>Lecture Notes in Computer Science</i> , 2008 , 58-68	0.9	10
107	Automated essay scoring in applied games: Reducing the teacher bandwidth problem in online training. <i>Computers and Education</i> , 2018 , 123, 212-224	9.5	10
106	Automatic Assessment of Collaborative Chat Conversations with PolyCAFe. <i>Lecture Notes in Computer Science</i> , 2011 , 299-312	0.9	9
105	Scoring Summaries Using Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 191-201	0.9	8
104	ARSYS -- Article Recommender System 2012 ,		8
103	A Deep Insight in Chat Analysis: Collaboration, Evolution and Evaluation, Summarization and Search. <i>Lecture Notes in Computer Science</i> , 2010 , 191-200	0.9	8
102	Overview and Preliminary Results of Using PolyCAFe for Collaboration Analysis and Feedback Generation. <i>Lecture Notes in Computer Science</i> , 2010 , 420-425	0.9	8
101	Towards an Integrated Approach for Evaluating Textual Complexity for Learning Purposes. <i>Lecture Notes in Computer Science</i> , 2012 , 268-278	0.9	7
100	Predicting newcomer integration in online learning communities: Automated dialog assessment in blogger communities. <i>Computers in Human Behavior</i> , 2020 , 105, 106202	7.7	7
99	Automated dialog analysis to predict blogger community response to newcomer inquiries. <i>Computers in Human Behavior</i> , 2018 , 89, 349-354	7.7	6
98	Reflecting Comprehension through French Textual Complexity Factors 2014 ,		6
97	MODELING INDIVIDUAL DIFFERENCES AMONG WRITERS USING READERBENCH 2016 ,		6
96	ReaderBench Learns Dutch: Building a Comprehensive Automated Essay Scoring System for Dutch Language. <i>Lecture Notes in Computer Science</i> , 2017 , 52-63	0.9	6
95	Predicting Question Quality Using Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 491-502	0.9	6
94	Bring It on! Challenges Encountered While Building a Comprehensive Tutoring System Using ReaderBench. <i>Lecture Notes in Computer Science</i> , 2018 , 409-419	0.9	6
93	Expressing Sentiments in Game Reviews. <i>Lecture Notes in Computer Science</i> , 2016 , 352-355	0.9	5
92	Combining Taxonomies using Word2vec 2016 ,		5
91	A System for the Automatic Analysis of Computer-Supported Collaborative Learning Chats 2012 ,		5

90	Intelligent Tutoring Systems for Psychomotor Training [A Systematic Literature Review. <i>Lecture Notes in Computer Science</i> , 2020 , 335-341	0.9	5
89	Predicting Comprehension from Students' Summaries. <i>Lecture Notes in Computer Science</i> , 2015 , 95-104	0.9	5
88	Analyzing Emotional States Induced by News Articles with Latent Semantic Analysis. <i>Lecture Notes in Computer Science</i> , 2012 , 59-68	0.9	5
87	Extracting Gamers' Opinions from Reviews 2016 ,		5
86	Evaluating the resilience of the bottom-up method used to detect and benchmark the smartness of university campuses 2016 ,		5
85	Predicting Academic Performance Based on Students' Blog and Microblog Posts. <i>Lecture Notes in Computer Science</i> , 2016 , 370-376	0.9	4
84	Unlocking the Power of Word2Vec for Identifying Implicit Links 2017 ,		4
83	Voices' inter-animation detection with readerbench modelling and assessing polyphony in CSCL chats as voice synergy 2013 ,		4
82	The Runner -- Recommender System of Workout and Nutrition for Runners 2011 ,		4
81	A Literature Review of NLP Approaches to Fake News Detection and Their Applicability to Romanian-Language News Analysis. <i>Revista Transilvania</i> , 2020 , 65-71	1.5	4
80	Validating the Automated Assessment of Participation and of Collaboration in Chat Conversations. <i>Lecture Notes in Computer Science</i> , 2014 , 230-235	0.9	4
79	Are Automatically Identified Reading Strategies Reliable Predictors of Comprehension?. <i>Lecture Notes in Computer Science</i> , 2014 , 456-465	0.9	4
78	ReaderBench : An Integrated Cohesion-Centered Framework. <i>Lecture Notes in Computer Science</i> , 2015 , 505-508	0.9	4
77	ReadME [Generating Personalized Feedback for Essay Writing Using the ReaderBench Framework. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 133-145	0.5	4
76	A Paper Recommendation System with ReaderBench: The Graphical Visualization of Semantically Related Papers and Concepts. <i>Lecture Notes in Educational Technology</i> , 2016 , 445-451	0.4	4
75	Towards an Integrated Model of Teacher Inquiry into Student Learning, Learning Design and Learning Analytics. <i>Lecture Notes in Computer Science</i> , 2013 , 605-606	0.9	4
74	Predicting Student Performance and Differences in Learning Styles Based on Textual Complexity Indices Applied on Blog and Microblog Posts: A Preliminary Study 2016 ,		4
73	Predicting Multi-document Comprehension: Cohesion Network Analysis. <i>Lecture Notes in Computer Science</i> , 2019 , 358-369	0.9	3

72	Analyzing the Semantic Relatedness of Paper Abstracts: An Application to the Educational Research Field 2015 ,		3
71	Classifying Written Texts Through Rhythmic Features. <i>Lecture Notes in Computer Science</i> , 2016 , 121-129	0.9	3
70	ReaderBench: A Multi-lingual Framework for Analyzing Text Complexity. <i>Lecture Notes in Computer Science</i> , 2017 , 495-499	0.9	3
69	ReaderBench: Building Comprehensive Sociograms of Online Communities 2017 ,		3
68	Building a Comprehensive Romanian Knowledge Base for Drug Administration 2019 ,		3
67	Comprehensive Exploration of Game Reviews Extraction and Opinion Mining Using NLP Techniques. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 323-331	0.4	3
66	Informal Learning in Online Knowledge Communities: Predicting Community Response to Visitor Inquiries. <i>Lecture Notes in Computer Science</i> , 2015 , 447-452	0.9	3
65	Virtual Communities of Practice in Academia: Automated Analysis of Collaboration Based on the Social Knowledge-Building Model. <i>Lecture Notes in Computer Science</i> , 2013 , 623-624	0.9	3
64	Exploring Online Course Sociograms Using Cohesion Network Analysis. <i>Lecture Notes in Computer Science</i> , 2018 , 337-342	0.9	3
63	Semantic Matching of Open Texts to Pre-scripted Answers in Dialogue-Based Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 242-246	0.9	2
62	Forming Teams by Psychological Traits -- An Effective Method of Developing Groups in an Educational Environment 2013 ,		2
61	Identifying Socio-Cognitive Structures in Online Knowledge Building Communities Using Cohesion Network Analysis 2017 ,		2
60	Beyond Traditional NLP: A Distributed Solution for Optimizing Chat Processing - Automatic Chat Assessment Using Tagged Latent Semantic Analysis 2011 ,		2
59	Automatic forum analysis 2012 ,		2
58	Extractive Summarization using Cohesion Network Analysis and Submodular Set Functions 2020 ,		2
57	Neural Grammatical Error Correction for Romanian 2020 ,		2
56	Multi-document Cohesion Network Analysis: Visualizing Intratextual and Intertextual Links. <i>Lecture Notes in Computer Science</i> , 2020 , 80-85	0.9	2
55	ReaderBench (1) - Cohesion-Based Discourse Analysis and Dialogism. <i>Studies in Computational Intelligence</i> , 2014 , 137-160	0.8	2

54	Selfit: An Intelligent Tutoring System for Psychomotor Development. <i>Lecture Notes in Computer Science</i> , 2021 , 291-295	0.9	2
53	Automated Summary Scoring with ReaderBench. <i>Lecture Notes in Computer Science</i> , 2021 , 321-332	0.9	2
52	Prevention of Hand Eczema among Nurse Apprentice (PREVEDERM): An Interventional Study. <i>Annals of Work Exposures and Health</i> , 2021 , 65, 167-175	2.4	2
51	Identifying Implicit Links in CSCL Chats Using String Kernels and Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 204-208	0.9	2
50	Finding the Needle in a Haystack: Who are the Most Central Authors Within a Domain?. <i>Lecture Notes in Computer Science</i> , 2016 , 632-635	0.9	1
49	Modeling Collaboration in Online Conversations Using Time Series Analysis and Dialogism. <i>Lecture Notes in Computer Science</i> , 2019 , 458-468	0.9	1
48	How Well Do Student Nurses Write Case Studies? A Cohesion-Centered Textual Complexity Analysis. <i>Lecture Notes in Computer Science</i> , 2017 , 43-53	0.9	1
47	Semantic Boggle: A Game for Vocabulary Acquisition. <i>Lecture Notes in Computer Science</i> , 2017 , 606-609	0.9	1
46	Seeker: A serious game for improving cognitive abilities 2015 ,		1
45	Trust and user profiling for refining the prediction of reader's emotional state induced by news articles 2014 ,		1
44	A comprehensive study of Twitter social networks 2014 ,		1
43	Reconstructing Scanned Documents for Full-Text Indexing to Empower Digital Library Services. <i>Lecture Notes in Computer Science</i> , 2020 , 183-190	0.9	1
42	Help Me Understand This Conversation: Methods of Identifying Implicit Links Between CSCL Contributions. <i>Lecture Notes in Computer Science</i> , 2018 , 482-496	0.9	1
41	Semantic Meta-search Using Cohesion Network Analysis. <i>Lecture Notes in Computer Science</i> , 2018 , 207-217	0.9	1
40	Improving Writing for Romanian Language. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 131-141	0.5	1
39	Cohesion Network Analysis: Predicting Course Grades and Generating Sociograms for a Romanian Moodle Course. <i>Lecture Notes in Computer Science</i> , 2020 , 174-183	0.9	1
38	Voice Control Framework for Form Based Applications. <i>Lecture Notes in Computer Science</i> , 2014 , 222-227	0.9	1
37	Teaching iSTART to Understand Spanish. <i>Lecture Notes in Computer Science</i> , 2017 , 485-489	0.9	1

36	Modeling Math Success Using Cohesion Network Analysis. <i>Lecture Notes in Computer Science</i> , 2018 , 63-67.	0.9	1
35	Predicting Newcomer Integration in Online Knowledge Communities by Automated Dialog Analysis. <i>Lecture Notes in Educational Technology</i> , 2016 , 13-17	0.4	1
34	ReaderBench (2) - Individual Assessment through Reading Strategies and Textual Complexity. <i>Studies in Computational Intelligence</i> , 2014 , 161-188	0.8	1
33	Time Evolution of Writing Styles in Romanian Language 2016 ,		1
32	Intelligent Platform for the Analysis of Drug Leaflets Using NLP Techniques 2019 ,		1
31	Multilingual Age of Exposure. <i>Lecture Notes in Computer Science</i> , 2021 , 77-87	0.9	1
30	Exploring Dialogism Using Language Models. <i>Lecture Notes in Computer Science</i> , 2021 , 296-301	0.9	1
29	Towards an Automated Model of Comprehension (AMoC). <i>Lecture Notes in Computer Science</i> , 2018 , 427-436	0.9	1
28	ReadME [Enhancing Automated Writing Evaluation. <i>Lecture Notes in Computer Science</i> , 2018 , 281-285	0.9	1
27	SelfFitAccounting for Sexual Dimorphism in Personalized Motor Skills Learning. <i>Smart Innovation, Systems and Technologies</i> , 2022 , 79-92	0.5	1
26	Mass Customization in Continuing Medical Education: Automated Extraction of E-Learning Topics. <i>Lecture Notes in Computer Science</i> , 2017 , 576-579	0.9	0
25	Cohesion-Centered Analysis of Sociograms for Online Communities and Courses Using ReaderBench. <i>Lecture Notes in Computer Science</i> , 2018 , 622-626	0.9	0
24	Computational Discourse Analysis. <i>Studies in Computational Intelligence</i> , 2014 , 53-77	0.8	0
23	Automated Model of Comprehension V2.0. <i>Lecture Notes in Computer Science</i> , 2021 , 119-123	0.9	0
22	Automated Paraphrase Quality Assessment Using Language Models and Transfer Learning. <i>Computers</i> , 2021 , 10, 166	1.9	0
21	Identifying the Structure of CSCL Conversations Using String Kernels. <i>Mathematics</i> , 2021 , 9, 3330	2.3	0
20	The Edutainment Platform: Interactive Storytelling Relying on Semantic Similarity. <i>Lecture Notes in Educational Technology</i> , 2018 , 87-96	0.4	
19	Exploring General Morphological Analysis and Providing Personalized Recommendations to Stimulate Creativity with ReaderBench. <i>Lecture Notes in Educational Technology</i> , 2018 , 41-50	0.4	

18	Extracting Patterns from Educational Traces via Clustering and Associated Quality Metrics. <i>Lecture Notes in Computer Science</i> , 2016 , 109-118	0.9
17	The Robbers and the Others DA Serious Game Using Natural Language Processing. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 159-164	0.5
16	Automated Prediction of Student Participation in Collaborative Dialogs Using Time Series Analyses. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 177-185	0.5
15	Individual Learning. <i>Studies in Computational Intelligence</i> , 2014 , 11-28	0.8
14	Newcomer Integration in Online Communities: Chronemics in Asynchronous Collaborative Discussions. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 27-38	0.5
13	Automated Scoring of Self-explanations Using Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019 , 659-663	0.9
12	ReadME DA Your Personal Writing Assistant. <i>Lecture Notes in Computer Science</i> , 2019 , 751-755	0.9
11	Prediction of Newcomer Integration in Online Knowledge Building Communities Using Time Series Analyses. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 153-160	0.5
10	Cohesion Network Analysis for Predicting User Ranks in Reddit Communities. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 173-185	0.5
9	Extended Multi-document Cohesion Network Analysis Centered on Comprehension Prediction. <i>Lecture Notes in Computer Science</i> , 2020 , 228-233	0.9
8	Semantic Recommendations and Topic Modeling Based on the Chronology of Romanian Literary Life. <i>Lecture Notes in Computer Science</i> , 2020 , 164-174	0.9
7	What Makes Your Writing Style Unique? Significant Differences Between Two Famous Romanian Orators. <i>Lecture Notes in Computer Science</i> , 2016 , 143-152	0.9
6	Quantitative Analysis of Chat ParticipantsDA Involvement. <i>Studies in Computational Intelligence</i> , 2014 , 87-105	0.8
5	Collaborative Learning. <i>Studies in Computational Intelligence</i> , 2014 , 29-51	0.8
4	ReaderBench (3) - Involvement and Collaboration Assessment through Cohesion and Dialogism. <i>Studies in Computational Intelligence</i> , 2014 , 189-209	0.8
3	Dialogism Meets Language Models for Evaluating Involvement in CSCL Conversations. <i>Smart Innovation, Systems and Technologies</i> , 2022 , 67-78	0.5
2	Age of Exposure 2.0: Estimating word complexity using iterative models of word embeddings.. <i>Behavior Research Methods</i> , 2022 , 1	6.1
1	Selfit v2 DA Challenges Encountered in Building a Psychomotor Intelligent Tutoring System. <i>Lecture Notes in Computer Science</i> , 2022 , 350-361	0.9

