Mihai Dascalu

List of Publications by Year in Descending Order

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	Selfit: Accounting for Sexual Dimorphism in Personalized Motor Skills Learning. *Smart Innovation, Systems and Technologies*, **2022**, 79-92	0.5	1
124	Dialogism Meets Language Models for Evaluating Involvement in CSCL Conversations. *Smart Innovation, Systems and Technologies*, **2022**, 67-78	0.5	
123	Age of Exposure 2.0: Estimating word complexity using iterative models of word embeddings.. *Behavior Research Methods*, **2022**, 1	6.1	
122	Selfit v2 : Challenges Encountered in Building a Psychomotor Intelligent Tutoring System. *Lecture Notes in Computer Science*, **2022**, 350-361	0.9	
121	Newcomer Integration in Online Communities: Chronemics in Asynchronous Collaborative Discussions. *Smart Innovation, Systems and Technologies*, **2021**, 27-38	0.5	
120	Cohesion Network Analysis for Predicting User Ranks in Reddit Communities. *Smart Innovation, Systems and Technologies*, **2021**, 173-185	0.5	
119	Multilingual Age of Exposure. *Lecture Notes in Computer Science*, **2021**, 77-87	0.9	1
118	Selfit : An Intelligent Tutoring System for Psychomotor Development. *Lecture Notes in Computer Science*, **2021**, 291-295	0.9	2
117	Automated Summary Scoring with ReaderBench. *Lecture Notes in Computer Science*, **2021**, 321-332	0.9	2
116	Automated Model of Comprehension V2.0. *Lecture Notes in Computer Science*, **2021**, 119-123	0.9	0
115	Exploring Dialogism Using Language Models. *Lecture Notes in Computer Science*, **2021**, 296-301	0.9	1
114	Prevention of Hand Eczema among Nurse Apprentice (PREVEDERM): An Interventional Study. *Annals of Work Exposures and Health*, **2021**, 65, 167-175	2.4	2
113	Before and during COVID-19: A Cohesion Network Analysis of students online participation in moodle courses. *Computers in Human Behavior*, **2021**, 121, 106780	7.7	13
112	Automated Paraphrase Quality Assessment Using Language Models and Transfer Learning. *Computers*, **2021**, 10, 166	1.9	0
111	Identifying the Structure of CSCL Conversations Using String Kernels. *Mathematics*, **2021**, 9, 3330	2.3	0
110	Extractive Summarization using Cohesion Network Analysis and Submodular Set Functions **2020**,		2
109	Reconstructing Scanned Documents for Full-Text Indexing to Empower Digital Library Services. *Lecture Notes in Computer Science*, **2020**, 183-190	0.9	1

108	A Literature Review of NLP Approaches to Fake News Detection and Their Applicability to Romanian-Language News Analysis. *Revista Transilvania*, **2020**, 65-71	1.5	4
107	Neural Grammatical Error Correction for Romanian **2020**,		2
106	Prediction of Newcomer Integration in Online Knowledge Building Communities Using Time Series Analyses. *Smart Innovation, Systems and Technologies*, **2020**, 153-160	0.5	
105	Improving Writing for Romanian Language. *Smart Innovation, Systems and Technologies*, **2020**, 131-141	0.5	1
104	Comprehensive Exploration of Game Reviews Extraction and Opinion Mining Using NLP Techniques. *Advances in Intelligent Systems and Computing*, **2020**, 323-331	0.4	3
103	Extended Multi-document Cohesion Network Analysis Centered on Comprehension Prediction. *Lecture Notes in Computer Science*, **2020**, 228-233	0.9	
102	Semantic Recommendations and Topic Modeling Based on the Chronology of Romanian Literary Life. *Lecture Notes in Computer Science*, **2020**, 164-174	0.9	
101	Cohesion Network Analysis: Predicting Course Grades and Generating Sociograms for a Romanian Moodle Course. *Lecture Notes in Computer Science*, **2020**, 174-183	0.9	1
100	Intelligent Tutoring Systems for Psychomotor Training – A Systematic Literature Review. *Lecture Notes in Computer Science*, **2020**, 335-341	0.9	5
99	Multi-document Cohesion Network Analysis: Visualizing Intratextual and Intertextual Links. *Lecture Notes in Computer Science*, **2020**, 80-85	0.9	2
98	Predicting newcomer integration in online learning communities: Automated dialog assessment in blogger communities. *Computers in Human Behavior*, **2020**, 105, 106202	7.7	7
97	Artificial intelligence moving serious gaming: Presenting reusable game AI components. *Education and Information Technologies*, **2020**, 25, 351-380	3.6	14
96	Predicting Multi-document Comprehension: Cohesion Network Analysis. *Lecture Notes in Computer Science*, **2019**, 358-369	0.9	3
95	The Robbers and the Others – A Serious Game Using Natural Language Processing. *Smart Innovation, Systems and Technologies*, **2019**, 159-164	0.5	
94	Automated Prediction of Student Participation in Collaborative Dialogs Using Time Series Analyses. *Smart Innovation, Systems and Technologies*, **2019**, 177-185	0.5	
93	Modeling Collaboration in Online Conversations Using Time Series Analysis and Dialogism. *Lecture Notes in Computer Science*, **2019**, 458-468	0.9	1
92	Semantic Matching of Open Texts to Pre-scripted Answers in Dialogue-Based Learning. *Lecture Notes in Computer Science*, **2019**, 242-246	0.9	2
91	Moving beyond classic readability formulas: new methods and new models. *Journal of Research in Reading*, **2019**, 42, 541-561	2.1	17

90	Automated Scoring of Self-explanations Using Recurrent Neural Networks. *Lecture Notes in Computer Science*, **2019**, 659-663	0.9	
89	ReadME Your Personal Writing Assistant. *Lecture Notes in Computer Science*, **2019**, 751-755	0.9	
88	Building a Comprehensive Romanian Knowledge Base for Drug Administration **2019**,		3
87	ReadME Generating Personalized Feedback for Essay Writing Using the ReaderBench Framework. *Smart Innovation, Systems and Technologies*, **2019**, 133-145	0.5	4
86	Intelligent Platform for the Analysis of Drug Leaflets Using NLP Techniques **2019**,		1
85	The Tool for the Automatic Analysis of Cohesion 2.0: Integrating semantic similarity and text overlap. *Behavior Research Methods*, **2019**, 51, 14-27	6.1	24
84	The Edutainment Platform: Interactive Storytelling Relying on Semantic Similarity. *Lecture Notes in Educational Technology*, **2018**, 87-96	0.4	
83	Exploring General Morphological Analysis and Providing Personalized Recommendations to Stimulate Creativity with ReaderBench. *Lecture Notes in Educational Technology*, **2018**, 41-50	0.4	
82	Cohesion network analysis of CSCL participation. *Behavior Research Methods*, **2018**, 50, 604-619	6.1	27
81	Scoring Summaries Using Recurrent Neural Networks. *Lecture Notes in Computer Science*, **2018**, 191-201	0.9	8
80	Automated dialog analysis to predict blogger community response to newcomer inquiries. *Computers in Human Behavior*, **2018**, 89, 349-354	7.7	6
79	Help Me Understand This Conversation: Methods of Identifying Implicit Links Between CSCL Contributions. *Lecture Notes in Computer Science*, **2018**, 482-496	0.9	1
78	Semantic Meta-search Using Cohesion Network Analysis. *Lecture Notes in Computer Science*, **2018**, 207-217	0.9	1
77	Cohesion-Centered Analysis of Sociograms for Online Communities and Courses Using ReaderBench. *Lecture Notes in Computer Science*, **2018**, 622-626	0.9	0
76	Modeling Math Success Using Cohesion Network Analysis. *Lecture Notes in Computer Science*, **2018**, 63-67	0.9	1
75	Towards an Automated Model of Comprehension (AMoC). *Lecture Notes in Computer Science*, **2018**, 427-436	0.9	1
74	ReadME Enhancing Automated Writing Evaluation. *Lecture Notes in Computer Science*, **2018**, 281-285	0.9	1
73	Automated essay scoring in applied games: Reducing the teacher bandwidth problem in online training. *Computers and Education*, **2018**, 123, 212-224	9.5	10

72	Identifying Implicit Links in CSCL Chats Using String Kernels and Neural Networks. *Lecture Notes in Computer Science*, **2018**, 204-208	0.9	2
71	Predicting Question Quality Using Recurrent Neural Networks. *Lecture Notes in Computer Science*, **2018**, 491-502	0.9	6
70	Bring It on! Challenges Encountered While Building a Comprehensive Tutoring System Using ReaderBench. *Lecture Notes in Computer Science*, **2018**, 409-419	0.9	6
69	Exploring Online Course Sociograms Using Cohesion Network Analysis. *Lecture Notes in Computer Science*, **2018**, 337-342	0.9	3
68	Predicting Text Comprehension, Processing, and Familiarity in Adult Readers: New Approaches to Readability Formulas. *Discourse Processes*, **2017**, 54, 340-359	2.1	64
67	How Well Do Student Nurses Write Case Studies? A Cohesion-Centered Textual Complexity Analysis. *Lecture Notes in Computer Science*, **2017**, 43-53	0.9	1
66	Mass Customization in Continuing Medical Education: Automated Extraction of E-Learning Topics. *Lecture Notes in Computer Science*, **2017**, 576-579	0.9	0
65	Semantic Boggle: A Game for Vocabulary Acquisition. *Lecture Notes in Computer Science*, **2017**, 606-609	0.9	1
64	ReaderBench: A Multi-lingual Framework for Analyzing Text Complexity. *Lecture Notes in Computer Science*, **2017**, 495-499	0.9	3
63	Unlocking the Power of Word2Vec for Identifying Implicit Links **2017**,		4
62	Identifying Socio-Cognitive Structures in Online Knowledge Building Communities Using Cohesion Network Analysis **2017**,		2
61	ReaderBench: Building Comprehensive Sociograms of Online Communities **2017**,		3
60	Teaching iSTART to Understand Spanish. *Lecture Notes in Computer Science*, **2017**, 485-489	0.9	1
59	ReaderBench Learns Dutch: Building a Comprehensive Automated Essay Scoring System for Dutch Language. *Lecture Notes in Computer Science*, **2017**, 52-63	0.9	6
58	Expressing Sentiments in Game Reviews. *Lecture Notes in Computer Science*, **2016**, 352-355	0.9	5
57	Combining Taxonomies using Word2vec **2016**,		5
56	Extracting Patterns from Educational Traces via Clustering and Associated Quality Metrics. *Lecture Notes in Computer Science*, **2016**, 109-118	0.9	
55	Classifying Written Texts Through Rhythmic Features. *Lecture Notes in Computer Science*, **2016**, 121-129	0.9	3

54	Finding the Needle in a Haystack: Who are the Most Central Authors Within a Domain?. *Lecture Notes in Computer Science*, **2016**, 632-635	0.9	1
53	Predicting Academic Performance Based on Students Blog and Microblog Posts. *Lecture Notes in Computer Science*, **2016**, 370-376	0.9	4
52	MODELING INDIVIDUAL DIFFERENCES AMONG WRITERS USING READERBENCH **2016**,		6
51	A Paper Recommendation System with ReaderBench: The Graphical Visualization of Semantically Related Papers and Concepts. *Lecture Notes in Educational Technology*, **2016**, 445-451	0.4	4
50	Predicting Newcomer Integration in Online Knowledge Communities by Automated Dialog Analysis. *Lecture Notes in Educational Technology*, **2016**, 13-17	0.4	1
49	What Makes Your Writing Style Unique? Significant Differences Between Two Famous Romanian Orators. *Lecture Notes in Computer Science*, **2016**, 143-152	0.9	
48	Predicting Student Performance and Differences in Learning Styles Based on Textual Complexity Indices Applied on Blog and Microblog Posts: A Preliminary Study **2016**,		4
47	Extracting Gamers' Opinions from Reviews **2016**,		5
46	Time Evolution of Writing Styles in Romanian Language **2016**,		1
45	Combining click-stream data with NLP tools to better understand MOOC completion **2016**,		50
44	Evaluating the resilience of the bottom-up method used to detect and benchmark the smartness of university campuses **2016**,		5
43	Analyzing the Semantic Relatedness of Paper Abstracts: An Application to the Educational Research Field **2015**,		3
42	ReaderBench: Automated evaluation of collaboration based on cohesion and dialogism. *International Journal of Computer-Supported Collaborative Learning*, **2015**, 10, 395-423	4.6	37
41	Finding student-centered open learning environments on the internet: Automated dialogue assessment in academic virtual communities of practice. *Computers in Human Behavior*, **2015**, 47, 119-127	7.7	16
40	Discourse cohesion **2015**,		10
39	Seeker: A serious game for improving cognitive abilities **2015**,		1
38	Predicting Comprehension from Students Summaries. *Lecture Notes in Computer Science*, **2015**, 95-104	0.9	5
37	Informal Learning in Online Knowledge Communities: Predicting Community Response to Visitor Inquiries. *Lecture Notes in Computer Science*, **2015**, 447-452	0.9	3

36	ReaderBench : An Integrated Cohesion-Centered Framework. *Lecture Notes in Computer Science*, **2015**, 505-508	0.9	4
35	Participation in virtual academic communities of practice under the influence of technology acceptance and community factors. A learning analytics application. *Computers in Human Behavior*, **2014**, 34, 339-344	7.7	59
34	PolyCAFe Automatic support for the polyphonic analysis of CSCL chats. *International Journal of Computer-Supported Collaborative Learning*, **2014**, 9, 127-156	4.6	30
33	SENSE: A collaborative selfish node detection and incentive mechanism for opportunistic networks. *Journal of Network and Computer Applications*, **2014**, 41, 240-249	7.9	25
32	Analyzing Discourse and Text Complexity for Learning and Collaborating. *Studies in Computational Intelligence*, **2014**,	0.8	45
31	Trust and user profiling for refining the prediction of reader's emotional state induced by news articles **2014**,		1
30	Reflecting Comprehension through French Textual Complexity Factors **2014**,		6
29	A comprehensive study of Twitter social networks **2014**,		1
28	Individual Learning. *Studies in Computational Intelligence*, **2014**, 11-28	0.8	
27	Mining Texts, Learner Productions and Strategies with ReaderBench. *Studies in Computational Intelligence*, **2014**, 345-377	0.8	21
26	Validating the Automated Assessment of Participation and of Collaboration in Chat Conversations. *Lecture Notes in Computer Science*, **2014**, 230-235	0.9	4
25	Are Automatically Identified Reading Strategies Reliable Predictors of Comprehension?. *Lecture Notes in Computer Science*, **2014**, 456-465	0.9	4
24	Voice Control Framework for Form Based Applications. *Lecture Notes in Computer Science*, **2014**, 222-227	0.9	1
23	Quantitative Analysis of Chat Participants Involvement. *Studies in Computational Intelligence*, **2014**, 87-105	0.8	
22	ReaderBench (1) - Cohesion-Based Discourse Analysis and Dialogism. *Studies in Computational Intelligence*, **2014**, 137-160	0.8	2
21	Computational Discourse Analysis. *Studies in Computational Intelligence*, **2014**, 53-77	0.8	0
20	ReaderBench (2) - Individual Assessment through Reading Strategies and Textual Complexity. *Studies in Computational Intelligence*, **2014**, 161-188	0.8	1
19	Collaborative Learning. *Studies in Computational Intelligence*, **2014**, 29-51	0.8	

18	ReaderBench (3) - Involvement and Collaboration Assessment through Cohesion and Dialogism. *Studies in Computational Intelligence*, **2014**, 189-209	0.8	
17	Forming Teams by Psychological Traits -- An Effective Method of Developing Groups in an Educational Environment **2013**,		2
16	Voices' inter-animation detection with readerbench modelling and assessing polyphony in CSCL chats as voice synergy **2013**,		4
15	ReaderBench, an Environment for Analyzing Text Complexity and Reading Strategies. *Lecture Notes in Computer Science*, **2013**, 379-388	0.9	25
14	Virtual Communities of Practice in Academia: Automated Analysis of Collaboration Based on the Social Knowledge-Building Model. *Lecture Notes in Computer Science*, **2013**, 623-624	0.9	3
13	Towards an Integrated Model of Teacher Inquiry into Student Learning, Learning Design and Learning Analytics. *Lecture Notes in Computer Science*, **2013**, 605-606	0.9	4
12	ARSYS -- Article Recommender System **2012**,		8
11	A System for the Automatic Analysis of Computer-Supported Collaborative Learning Chats **2012**,		5
10	Automatic forum analysis **2012**,		2
9	Textual Complexity and Discourse Structure in Computer-Supported Collaborative Learning. *Lecture Notes in Computer Science*, **2012**, 352-357	0.9	20
8	Analyzing Emotional States Induced by News Articles with Latent Semantic Analysis. *Lecture Notes in Computer Science*, **2012**, 59-68	0.9	5
7	Towards an Integrated Approach for Evaluating Textual Complexity for Learning Purposes. *Lecture Notes in Computer Science*, **2012**, 268-278	0.9	7
6	Beyond Traditional NLP: A Distributed Solution for Optimizing Chat Processing - Automatic Chat Assessment Using Tagged Latent Semantic Analysis **2011**,		2
5	The Runner -- Recommender System of Workout and Nutrition for Runners **2011**,		4
4	Automatic Assessment of Collaborative Chat Conversations with PolyCAFe. *Lecture Notes in Computer Science*, **2011**, 299-312	0.9	9
3	A Deep Insight in Chat Analysis: Collaboration, Evolution and Evaluation, Summarization and Search. *Lecture Notes in Computer Science*, **2010**, 191-200	0.9	8
2	Overview and Preliminary Results of Using PolyCAFe for Collaboration Analysis and Feedback Generation. *Lecture Notes in Computer Science*, **2010**, 420-425	0.9	8
1	ASAP- An Advanced System for Assessing Chat Participants. *Lecture Notes in Computer Science*, **2008**, 58-68	0.9	10