

Stefan Trausan-Matu

List of Publications by Year in Descending Order

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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.

147
papers

795
citations

16
h-index

21
g-index

184
ext. papers

989
ext. citations

1.4
avg, IF

4.39
L-index

#	Paper	IF	Citations
147	Dialogism Meets Language Models for Evaluating Involvement in CSCL Conversations. <i>Smart Innovation, Systems and Technologies</i> , 2022 , 67-78	0.5	0
146	Automatic Fake News Detection for Romanian Online News. <i>Information (Switzerland)</i> , 2022 , 13, 151	2.6	0
145	Newcomer Integration in Online Communities: Chronemics in Asynchronous Collaborative Discussions. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 27-38	0.5	0
144	Cohesion Network Analysis for Predicting User Ranks in Reddit Communities. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 173-185	0.5	0
143	Exploring Dialogism Using Language Models. <i>Lecture Notes in Computer Science</i> , 2021 , 296-301	0.9	1
142	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
141	Identifying the Structure of CSCL Conversations Using String Kernels. <i>Mathematics</i> , 2021 , 9, 3330	2.3	0
140	Dialogism 2021 , 219-239		0
139	Artifact Analysis 2021 , 551-567		0
138	Technology: Creativity in Chats 2020 , 569-578		1
137	Automatic Irony Detection for Romanian Online News 2020 ,		1
136	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	0
135	Improving Writing for Romanian Language. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 131-141	0.5	1
134	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
133	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	0
132	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
131	Multi-document Cohesion Network Analysis: Visualizing Intratextual and Intertextual Links. <i>Lecture Notes in Computer Science</i> , 2020 , 80-85	0.9	2

130	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
129	AlgoLabel: A Large Dataset for Multi-Label Classification of Algorithmic Challenges. <i>Mathematics</i> , 2020 , 8, 1995	2.3	1
128	The Robbers and the Others [A Serious Game Using Natural Language Processing. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 159-164	0.5	
127	Automated Prediction of Student Participation in Collaborative Dialogs Using Time Series Analyses. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 177-185	0.5	
126	Modeling Collaboration in Online Conversations Using Time Series Analysis and Dialogism. <i>Lecture Notes in Computer Science</i> , 2019 , 458-468	0.9	1
125	Automated Scoring of Self-explanations Using Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019 , 659-663	0.9	
124	ReadME [Your Personal Writing Assistant. <i>Lecture Notes in Computer Science</i> , 2019 , 751-755	0.9	
123	Building a Comprehensive Romanian Knowledge Base for Drug Administration 2019 ,		3
122	ReadME [Generating Personalized Feedback for Essay Writing Using the ReaderBench Framework. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 133-145	0.5	4
121	A Three Word-Level Approach Used in Machine Learning for Romanian Sentiment Analysis 2019 ,		4
120	Intelligent Platform for the Analysis of Drug Leaflets Using NLP Techniques 2019 ,		1
119	Is it possible to grow an [thou relation with an artificial agent? A dialogistic perspective. <i>AI and Society</i> , 2019 , 34, 9-17	2.1	3
118	The Edutainment Platform: Interactive Storytelling Relying on Semantic Similarity. <i>Lecture Notes in Educational Technology</i> , 2018 , 87-96	0.4	
117	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	
116	Cohesion network analysis of CSCL participation. <i>Behavior Research Methods</i> , 2018 , 50, 604-619	6.1	27
115	Scoring Summaries Using Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 191-201	0.9	8
114	Automated dialog analysis to predict blogger community response to newcomer inquiries. <i>Computers in Human Behavior</i> , 2018 , 89, 349-354	7.7	6
113	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

112	Semantic Meta-search Using Cohesion Network Analysis. <i>Lecture Notes in Computer Science</i> , 2018 , 207-217	0.9	1
111	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
110	Towards an Automated Model of Comprehension (AMoC). <i>Lecture Notes in Computer Science</i> , 2018 , 427-436	0.9	1
109	ReadME [Enhancing Automated Writing Evaluation. <i>Lecture Notes in Computer Science</i> , 2018 , 281-285	0.9	1
108	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
107	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
106	Predicting Question Quality Using Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 491-502	0.9	6
105	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
104	Exploring Online Course Sociograms Using Cohesion Network Analysis. <i>Lecture Notes in Computer Science</i> , 2018 , 337-342	0.9	3
103	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
102	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
101	Semantic Boggle: A Game for Vocabulary Acquisition. <i>Lecture Notes in Computer Science</i> , 2017 , 606-609	0.9	1
100	ReaderBench: A Multi-lingual Framework for Analyzing Text Complexity. <i>Lecture Notes in Computer Science</i> , 2017 , 495-499	0.9	3
99	Unlocking the Power of Word2Vec for Identifying Implicit Links 2017 ,		4
98	NLCP: Towards a Compiler for Natural Language 2017 ,		2
97	Atlas: News aggregation service 2017 ,		2
96	Identifying Socio-Cognitive Structures in Online Knowledge Building Communities Using Cohesion Network Analysis 2017 ,		2
95	ReaderBench: Building Comprehensive Sociograms of Online Communities 2017 ,		3

94	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
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	Extracting Patterns from Educational Traces via Clustering and Associated Quality Metrics. <i>Lecture Notes in Computer Science</i> , 2016 , 109-118	0.9	
90	Classifying Written Texts Through Rhythmic Features. <i>Lecture Notes in Computer Science</i> , 2016 , 121-129	0.9	3
89	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
88	Predicting Academic Performance Based on Students' Blog and Microblog Posts. <i>Lecture Notes in Computer Science</i> , 2016 , 370-376	0.9	4
87	Analysis of collaboration in CSCL chat using rhetorical schemas 2016 ,		1
86	MODELING INDIVIDUAL DIFFERENCES AMONG WRITERS USING READERBENCH 2016 ,		6
85	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
84	Predicting Newcomer Integration in Online Knowledge Communities by Automated Dialog Analysis. <i>Lecture Notes in Educational Technology</i> , 2016 , 13-17	0.4	1
83	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	
82	Predicting Student Performance and Differences in Learning Styles Based on Textual Complexity Indices Applied on Blog and Microblog Posts: A Preliminary Study 2016 ,		4
81	Extracting Gamers' Opinions from Reviews 2016 ,		5
80	Time Evolution of Writing Styles in Romanian Language 2016 ,		1
79	Cube-CNN-SVM: A Novel Hyperspectral Image Classification Method 2016 ,		23
78	Analyzing the Semantic Relatedness of Paper Abstracts: An Application to the Educational Research Field 2015 ,		3
77	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

76	Rhetorical structure analysis for assessing collaborative processes in CSCL 2015 ,		1
75	Document clustering based on time series 2015 ,		2
74	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
73	Discourse cohesion 2015 ,		10
72	Seeker: A serious game for improving cognitive abilities 2015 ,		1
71	Analyzing students pauses during reading and explaining a story 2015 ,		1
70	A comparison of semantic similarity techniques for a corpus of CSCL chats 2015 ,		1
69	Predicting Comprehension from Students' Summaries. <i>Lecture Notes in Computer Science</i> , 2015 , 95-104	0.9	5
68	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
67	ReaderBench : An Integrated Cohesion-Centered Framework. <i>Lecture Notes in Computer Science</i> , 2015 , 505-508	0.9	4
66	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
65	PolyCAFé—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
64	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
63	User-Level Opinion Propagation Analysis in Discussion Forum Threads. <i>Lecture Notes in Computer Science</i> , 2014 , 25-36	0.9	
62	Trust and user profiling for refining the prediction of reader's emotional state induced by news articles 2014 ,		1
61	Reflecting Comprehension through French Textual Complexity Factors 2014 ,		6
60	CSCL chats analysis using R package 2014 ,		1
59	A comprehensive study of Twitter social networks 2014 ,		1

58	Opinion Propagation in Online Social Networks 2014 ,		11
57	Mining Texts, Learner Productions and Strategies with ReaderBench. <i>Studies in Computational Intelligence</i> , 2014 , 345-377	0.8	21
56	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
55	Are Automatically Identified Reading Strategies Reliable Predictors of Comprehension?. <i>Lecture Notes in Computer Science</i> , 2014 , 456-465	0.9	4
54	Voice Control Framework for Form Based Applications. <i>Lecture Notes in Computer Science</i> , 2014 , 222-227.	0.9	1
53	Forming Teams by Psychological Traits -- An Effective Method of Developing Groups in an Educational Environment 2013 ,		2
52	Text analysis based on time series 2013 ,		1
51	Voices' inter-animation detection with readerbench modelling and assessing polyphony in CSCL chats as voice synergy 2013 ,		4
50	A Tool for Discourse Analysis and Visualization. <i>International Journal of Virtual Communities and Social Networking</i> , 2013 , 5, 55-71		1
49	ReaderBench, an Environment for Analyzing Text Complexity and Reading Strategies. <i>Lecture Notes in Computer Science</i> , 2013 , 379-388	0.9	25
48	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
47	Network Based Analysis of Intertextual Relations. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 753-762	0.4	0
46	NLP-Based Heuristics for Assessing Participants in CSCL Chats. <i>Lecture Notes in Computer Science</i> , 2013 , 84-96	0.9	0
45	Collaborative and Differential Utterances, Pivotal Moments, and Polyphony 2013 , 123-139		6
44	ARSYS -- Article Recommender System 2012 ,		8
43	A System for the Automatic Analysis of Computer-Supported Collaborative Learning Chats 2012 ,		5
42	Repetition as Artifact Generation in Polyphonic CSCL Chats 2012 ,		4
41	Tagging Choreographic Data for Data Mining and Classification 2012 ,		1

40	Automatic forum analysis 2012 ,		2
39	Identification and Classification of the Most Important Moments from Students' Collaborative Discourses. <i>Lecture Notes in Computer Science</i> , 2012 , 330-339	0.9	4
38	Textual Complexity and Discourse Structure in Computer-Supported Collaborative Learning. <i>Lecture Notes in Computer Science</i> , 2012 , 352-357	0.9	20
37	Analyzing Emotional States Induced by News Articles with Latent Semantic Analysis. <i>Lecture Notes in Computer Science</i> , 2012 , 59-68	0.9	5
36	Towards an Integrated Approach for Evaluating Textual Complexity for Learning Purposes. <i>Lecture Notes in Computer Science</i> , 2012 , 268-278	0.9	7
35	Towards Automatic Structure Analysis of Digital Musical Content. <i>Lecture Notes in Computer Science</i> , 2012 , 223-229	0.9	
34	Ontology-Based Interoperability in Knowledge-Based Communication Systems. <i>Advanced Information and Knowledge Processing</i> , 2011 , 139-152	0.3	
33	Mapping Data Mining Algorithms on a GPU Architecture: A Study. <i>Lecture Notes in Computer Science</i> , 2011 , 102-112	0.9	8
32	Beyond Traditional NLP: A Distributed Solution for Optimizing Chat Processing - Automatic Chat Assessment Using Tagged Latent Semantic Analysis 2011 ,		2
31	The Runner -- Recommender System of Workout and Nutrition for Runners 2011 ,		4
30	Adaptive event prediction strategy with dynamic time window for large-scale HPC systems 2011 ,		23
29	Event Log Mining Tool for Large Scale HPC Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 52-64	0.9	18
28	Un environnement personnel d'apprentissage évaluant des distances épistémiques et dialogiques. <i>Distances Et Savoirs</i> , 2011 , 9, 473-492		3
27	Automatic Assessment of Collaborative Chat Conversations with PolyCAFe. <i>Lecture Notes in Computer Science</i> , 2011 , 299-312	0.9	9
26	Concept-Based Topic Model Improvement. <i>Studies in Computational Intelligence</i> , 2011 , 133-142	0.8	2
25	Repetition and Rhythmicity Based Assessment Model for Chat Conversations. <i>Lecture Notes in Computer Science</i> , 2011 , 513-522	0.9	1
24	Supporting knowledge Discovery in an eLearning Environment Having Social Components 2010 , 157-162		
23	Bringing the Social Semantic Web to the Personal Learning Environment 2010 ,		3

22	A Polyphonic Model and System for Inter-animation Analysis in Chat Conversations with Multiple Participants. <i>Lecture Notes in Computer Science</i> , 2010 , 354-363	0.9	29
21	Automatic Support for the Analysis of Online Collaborative Learning Chat Conversations. <i>Lecture Notes in Computer Science</i> , 2010 , 383-394	0.9	8
20	The Impact of Valence Shifters on Mining Implicit Economic Opinions. <i>Lecture Notes in Computer Science</i> , 2010 , 131-140	0.9	4
19	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
18	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
17	The Language Technologies for Lifelong Learning Project 2009 ,		2
16	Supporting collaborative learning across social media applications 2009 ,		2
15	Computer-assisted evaluation of CSCL chat conversations 2009 ,		3
14	Using the Social Web to Supplement Classical Learning. <i>Lecture Notes in Computer Science</i> , 2009 , 386-389.	0.9	1
13	Polyphonic Inter-Animation of Voices in VMT 2009 , 451-473		20
12	Autonomous News Clustering and Classification for an Intelligent Web Portal 2008 , 477-486		2
11	Extraction of Socio-semantic Data from Chat Conversations in Collaborative Learning Communities. <i>Lecture Notes in Computer Science</i> , 2008 , 366-377	0.9	5
10	Polyphony, a Knowledge-based Chat System Supporting Collaborative Work. <i>Studies in Computational Intelligence</i> , 2008 , 155-164	0.8	
9	ASAP- An Advanced System for Assessing Chat Participants. <i>Lecture Notes in Computer Science</i> , 2008 , 58-68	0.9	10
8	A socio-cultural ontology for urban development. <i>Studies in Computational Intelligence</i> , 2007 , 121-130	0.8	2
7	Supporting Polyphonic Collaborative Learning. <i>E-Service Journal</i> , 2007 , 6, 59	1.7	26
6	Flexible Querying of an Intelligent Information System for EU Joint Project Proposals in a Specific Topic. <i>Lecture Notes in Computer Science</i> , 2006 , 290-295	0.9	
5	Polyphonic Support for Collaborative Learning. <i>Lecture Notes in Computer Science</i> , 2006 , 132-139	0.9	12

4	Ontology-Centered Personalized Presentation of Knowledge Extracted from the Web. <i>Lecture Notes in Computer Science</i> , 2002 , 259-269	0.9	3
3	Metaphor Processing for Learning Terminology on the Web. <i>Lecture Notes in Computer Science</i> , 2000 , 232-241	0.9	1
2	Inter-Animation between Utterances in Collaborative Chat Conversations. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 63-93	0.2	
1	The Polyphonic Model of Hybrid and Collaborative Learning 466-486		16