

Moritz Schubotz

List of Publications by Year in descending order

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47
papers

489
citations

1306789

7
h-index

996533

15
g-index

49
all docs

49
docs citations

49
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Verification of the Digital Library of Mathematical Functions and Computer Algebra Systems. Lecture Notes in Computer Science, 2022, , 87-105.	1.0	2
2	Caching and Reproducibility: Making Data Science Experiments Faster and FAIRer. Frontiers in Research Metrics and Analytics, 2022, 7, 861944.	0.9	0
3	Fast Linking of Mathematical Wikidata Entities in Wikipedia Articles Using Annotation Recommendation. , 2021, , .		3
4	Introducing Peer Copy - A Fully Decentralized Peer-to-Peer File Transfer Tool. , 2021, , .		0
5	NewsDepts: Visualizing the Origin of Information in News Articles. Ars Digitalis, 2021, , 151-166.	0.2	4
6	zbMATH Open: Towards standardized machine interfaces to expose bibliographic metadata. , 2021, , 50-53.		0
7	Connecting Islands: Bridging zbMATH and DLMF with Scholix, a blueprint for connecting expert knowledge systems. , 2021, , 66-67.		0
8	Recognize, Annotate, and Visualize Parallel Content Structures in XML Documents. , 2021, , .		1
9	Leveraging node heterogeneity to improve content discovery and content retrieval in peer-to-peer networks. , 2021, , .		0
10	Math-word embedding in math search and semantic extraction. Scientometrics, 2020, 125, 3017-3046.	1.6	21
11	Discovering Mathematical Objects of Interest – A Study of Mathematical Notations. , 2020, , .		11
12	Pairwise Multi-Class Document Classification for Semantic Relations between Wikipedia Articles. , 2020, , .		14
13	Classification and Clustering of arXiv Documents, Sections, and Abstracts, Comparing Encodings of Natural and Mathematical Language. , 2020, , .		10
14	A First Step Towards Content Protecting Plagiarism Detection. , 2020, , .		1
15	Mathematical Formulae in Wikimedia Projects 2020. , 2020, , .		3
16	AutoMSC: Automatic Assignment of Mathematics Subject Classification Labels. Lecture Notes in Computer Science, 2020, , 237-250.	1.0	5
17	Detecting Machine-Obfuscated Plagiarism. Lecture Notes in Computer Science, 2020, , 816-827.	1.0	11
18	Making Presentation Math Computable: Proposing a Context Sensitive Approach for Translating LaTeX to Computer Algebra Systems. Lecture Notes in Computer Science, 2020, , 335-341.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Transforming Scanned zbMATH Volumes to LaTeX: Planning the Next Level Digitisation. EMS Newsletter, 2020, 2020-9, 49-52.	0.1	1
20	A Review on Blockchain Technology and Blockchain Projects Fostering Open Science. Frontiers in Blockchain, 2019, 2, .	1.6	93
21	Improving Academic Plagiarism Detection for STEM Documents by Analyzing Mathematical Content and Citations. , 2019, , .		24
22	Four Decades of TeX at zbMATH. EMS Newsletter, 2019, 2019-6, 50-52.	0.1	0
23	<i>AnnoMathTeX</i> - a formula identifier annotation recommender system for STEM documents. , 2019, , .		10
24	Semantic preserving bijective mappings for expressions involving special functions between computer algebra systems and document preparation systems. Aslib Journal of Information Management, 2019, 71, 415-439.	1.3	7
25	References to Research Literature in QA Forums â€“ A Case Study of zbMATH Links from MathOverflow. EMS Newsletter, 2019, 2019-12, 50-52.	0.1	0
26	Mathematical Research Data â€“ An Analysis Through zbMATH References. EMS Newsletter, 2019, 2019-9, 54-57.	0.1	0
27	Giveme5W: Main Event Retrieval from News Articles by Extraction of the Five Journalistic W Questions. Lecture Notes in Computer Science, 2018, , 356-366.	1.0	19
28	Introducing MathQA: a Math-Aware question answering system. Information Discovery and Delivery, 2018, 46, 214-224.	1.6	11
29	Improving the Representation and Conversion of Mathematical Formulae by Considering their Textual Context. , 2018, 39, .		20
30	HyPlag. , 2018, , .		35
31	Extraction of Main Event Descriptors from News Articles by Answering the Journalistic Five W and One H Questions. , 2018, , .		13
32	Automated Symbolic and Numerical Testing of DLMF Formulae Using Computer Algebra Systems. Lecture Notes in Computer Science, 2018, , 39-52.	1.0	3
33	MathTools: An Open API for Convenient MathML Handling. Lecture Notes in Computer Science, 2018, , 104-110.	1.0	1
34	DiViDu â€“ An Open Source Solution for Dual Task Experiments with Integrated Divided Visual Field Paradigm. Journal of Open Research Software, 2018, 6, .	2.7	0
35	Citolytics. , 2017, , .		4
36	Analyzing Mathematical Content to Detect Academic Plagiarism. , 2017, , .		19

#	ARTICLE	IF	CITATIONS
37	VMEXT: A Visualization Tool for Mathematical Expression Trees. Lecture Notes in Computer Science, 2017, , 340-355.	1.0	7
38	Semantic Preserving Bijective Mappings of Mathematical Formulae Between Document Preparation Systems and Computer Algebra Systems. Lecture Notes in Computer Science, 2017, , 115-131.	1.0	7
39	Analyzing Semantic Concept Patterns to Detect Academic Plagiarism. , 2017, , .		14
40	A Vision for Performing Social and Economic Data Analysis using Wikipedia's Edit History. , 2017, , .		1
41	Evaluating and Improving the Extraction of Mathematical Identifier Definitions. Lecture Notes in Computer Science, 2017, , 82-94.	1.0	12
42	Semantification of Identifiers in Mathematics for Better Math Information Retrieval. , 2016, , .		32
43	Evaluating Link-based Recommendations for Wikipedia. , 2016, , .		22
44	Challenges of Mathematical Information Retrieval in the NTCIR-11 Math Wikipedia Task. , 2015, , .		19
45	Mathoid: Robust, Scalable, Fast and Accessible Math Rendering for Wikipedia. Lecture Notes in Computer Science, 2014, , 224-235.	1.0	7
46	Digital Repository of Mathematical Formulae. Lecture Notes in Computer Science, 2014, , 419-422.	1.0	7
47	Random backaction in tunneling of single electrons through nanostructures. Physical Review B, 2011, 84, .	1.1	1