

Tapio Niemi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10955745/publications.pdf>

Version: 2024-02-01

29
papers

203
citations

1307594

7
h-index

1125743

13
g-index

30
all docs

30
docs citations

30
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of a knowledge-based score to predict Fried's frailty phenotype across multiple settings using one-year hospital discharge data: The electronic frailty score. <i>EClinicalMedicine</i> , 2022, 44, 101260.	7.1	17
2	Performance of the Digital Dietary Assessment Tool MyFoodRepo. <i>Nutrients</i> , 2022, 14, 635.	4.1	5
3	Epidemiology, risk factors and clinical course of SARS-CoV-2 infected patients in a Swiss university hospital: An observational retrospective study. <i>PLoS ONE</i> , 2020, 15, e0240781.	2.5	43
4	Analyzing the power consumption behavior of a large scale data center. <i>Software-Intensive Cyber-Physical Systems</i> , 2019, 34, 61-70.	2.3	4
5	Detecting measurement issues in SQL arithmetic expressions and aggregations. <i>Data and Knowledge Engineering</i> , 2019, 122, 116-129.	3.4	2
6	EEUI: a new measure to monitor and manage energy efficiency in data centers. <i>International Journal of Productivity and Performance Management</i> , 2018, 67, 111-127.	3.7	6
7	Towards Green Big Data at CERN. <i>Future Generation Computer Systems</i> , 2018, 81, 103-113.	7.5	1
8	Energy-Efficient Query Processing in a Combined Database and Web Service Environment. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2018, , 62-88.	0.5	0
9	A practical evaluation of a network expansion mechanism in an openstack cloud federation. , 2017, , .		1
10	Energy efficiency of dynamic management of virtual cluster with heterogeneous hardware. <i>Journal of Supercomputing</i> , 2017, 73, 1978-2000.	3.6	4
11	Energy efficiency of large scale graph processing platforms. , 2016, , .		2
12	How much power does your server consume? Estimating wall socket power using RAPL measurements. <i>Computer Science - Research and Development</i> , 2016, 31, 207-214.	2.7	9
13	The Effect of Network Performance on High Energy Physics Computing. , 2016, , .		1
14	Energy Profiling Using IgProf. , 2015, , .		4
15	Detecting summarizability in OLAP. <i>Data and Knowledge Engineering</i> , 2014, 89, 1-20.	3.4	10
16	Energy Efficiency of a Web and Database Server System. <i>International Journal of Green Computing</i> , 2014, 5, 29-48.	0.6	1
17	Data integration for phone users' mobility analysis. , 2013, , .		0
18	Memory-based scheduling of scientific computing clusters. <i>Journal of Supercomputing</i> , 2012, 61, 520-544.	3.6	7

#	ARTICLE	IF	CITATIONS
19	Timely Report Production from WWW Data Sources. Lecture Notes in Business Information Processing, 2012, , 184-195.	1.0	0
20	Mapping a Resource Description Framework OLAP Ontology to the Business Intelligence Semantic Model. Advances in Intelligent and Soft Computing, 2011, , 419-428.	0.2	0
21	Using the Entity-Attribute-Value Model for OLAP Cube Construction. Lecture Notes in Business Information Processing, 2011, , 59-72.	1.0	6
22	Server-Based Computing Solution Based on Open Source Software. Information Systems Management, 2009, 26, 77-86.	5.7	7
23	An ETL Process for OLAP Using RDF/OWL Ontologies. Lecture Notes in Computer Science, 2009, , 97-119.	1.3	23
24	Ontologies with Semantic Web/Grid in Data Integration for OLAP. International Journal on Semantic Web and Information Systems, 2007, 3, 25-49.	5.1	27
25	Normalising OLAP cubes for controlling sparsity. Data and Knowledge Engineering, 2003, 46, 317-343.	3.4	14
26	Searching neural network structures with L systems and genetic algorithms. International Journal of Computer Mathematics, 1999, 73, 55-75.	1.8	8
27	Do flow principles of operations management apply to computing centres?. Production Planning and Control, 0, , 1-16.	8.8	0
28	Improving Energy-Efficiency of Scientific Computing Clusters. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 1-19.	0.4	1
29	Improving Energy-Efficiency of Scientific Computing Clusters. , 0, , 1916-1933.		0