

# 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	Epidemiology, risk factors and clinical course of SARS-CoV-2 infected patients in a Swiss university hospital: An observational retrospective study. PLoS ONE, 2020, 15, e0240781.	2.5	43
2	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
3	An ETL Process for OLAP Using RDF/OWL Ontologies. Lecture Notes in Computer Science, 2009, , 97-119.	1.3	23
4	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. EclinicalMedicine, 2022, 44, 101260.	7.1	17
5	Normalising OLAP cubes for controlling sparsity. Data and Knowledge Engineering, 2003, 46, 317-343.	3.4	14
6	Detecting summarizability in OLAP. Data and Knowledge Engineering, 2014, 89, 1-20.	3.4	10
7	How much power does your server consume? Estimating wall socket power using RAPL measurements. Computer Science - Research and Development, 2016, 31, 207-214.	2.7	9
8	Searching neural network structures with L systems and genetic algorithms. International Journal of Computer Mathematics, 1999, 73, 55-75.	1.8	8
9	Server-Based Computing Solution Based on Open Source Software. Information Systems Management, 2009, 26, 77-86.	5.7	7
10	Memory-based scheduling of scientific computing clusters. Journal of Supercomputing, 2012, 61, 520-544.	3.6	7
11	EEU: a new measure to monitor and manage energy efficiency in data centers. International Journal of Productivity and Performance Management, 2018, 67, 111-127.	3.7	6
12	Using the Entity-Attribute-Value Model for OLAP Cube Construction. Lecture Notes in Business Information Processing, 2011, , 59-72.	1.0	6
13	Performance of the Digital Dietary Assessment Tool MyFoodRepo. Nutrients, 2022, 14, 635.	4.1	5
14	Energy Profiling Using IgProf. , 2015, , .		4
15	Energy efficiency of dynamic management of virtual cluster with heterogeneous hardware. Journal of Supercomputing, 2017, 73, 1978-2000.	3.6	4
16	Analyzing the power consumption behavior of a large scale data center. Software-Intensive Cyber-Physical Systems, 2019, 34, 61-70.	2.3	4
17	Energy efficiency of large scale graph processing platforms. , 2016, , .		2
18	Detecting measurement issues in SQL arithmetic expressions and aggregations. Data and Knowledge Engineering, 2019, 122, 116-129.	3.4	2

#	ARTICLE	IF	CITATIONS
19	A practical evaluation of a network expansion mechanism in an openstack cloud federation. , 2017, , .		1
20	Towards Green Big Data at CERN. Future Generation Computer Systems, 2018, 81, 103-113.	7.5	1
21	Improving Energy-Efficiency of Scientific Computing Clusters. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 1-19.	0.4	1
22	Energy Efficiency of a Web and Database Server System. International Journal of Green Computing, 2014, 5, 29-48.	0.6	1
23	The Effect of Network Performance on High Energy Physics Computing. , 2016, , .		1
24	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
25	Data integration for phone users' mobility analysis. , 2013, , .		0
26	Do flow principles of operations management apply to computing centres?. Production Planning and Control, 0, , 1-16.	8.8	0
27	Timely Report Production from WWW Data Sources. Lecture Notes in Business Information Processing, 2012, , 184-195.	1.0	0
28	Energy-Efficient Query Processing in a Combined Database and Web Service Environment. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2018, , 62-88.	0.5	0
29	Improving Energy-Efficiency of Scientific Computing Clusters. , 0, , 1916-1933.		0