

# Faramarz Safi-Esfahani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1215848/publications.pdf>

Version: 2024-02-01

40  
papers

613  
citations

566801

15  
h-index

642321

23  
g-index

40  
all docs

40  
docs citations

40  
times ranked

445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining hierarchical clustering approaches using the PCA method. Expert Systems With Applications, 2019, 137, 1-10.	4.4	78
2	Energy-aware resource utilization based on particle swarm optimization and artificial bee colony algorithms in cloud computing. Journal of Supercomputing, 2019, 75, 2455-2496.	2.4	50
3	A dynamic task scheduling framework based on chicken swarm and improved raven roosting optimization methods in cloud computing. Journal of Supercomputing, 2018, 74, 2581-2626.	2.4	44
4	An adaptive fuzzy threshold-based approach for energy and performance efficient consolidation of virtual machines. Computing (Vienna/New York), 2016, 98, 641-660.	3.2	38
5	ATSDS: adaptive two-stage deadline-constrained workflow scheduling considering run-time circumstances in cloud computing environments. Journal of Supercomputing, 2017, 73, 2430-2455.	2.4	33
6	Knowledge-based adaptable scheduler for SaaS providers in cloud computing. Human-centric Computing and Information Sciences, 2015, 5, .	6.1	29
7	RePro-Active: a reactive proactive scheduling method based on simulation in cloud computing. Journal of Supercomputing, 2018, 74, 801-829.	2.4	29
8	Group-based whale optimization algorithm. Soft Computing, 2020, 24, 3647-3673.	2.1	29
9	An Adaptive and Fuzzy Resource Management Approach in Cloud Computing. IEEE Transactions on Cloud Computing, 2019, 7, 907-920.	3.1	27
10	Improved Raven Roosting Optimization algorithm (IRRO). Swarm and Evolutionary Computation, 2018, 40, 144-154.	4.5	26
11	Dynamic scheduling applying new population grouping of whales meta-heuristic in cloud computing. Journal of Supercomputing, 2019, 75, 6386-6450.	2.4	26
12	Dynamic scheduling of tasks in cloud computing applying dragonfly algorithm, biogeography-based optimization algorithm and Mexican hat wavelet. Journal of Supercomputing, 2021, 77, 1214-1272.	2.4	23
13	Taxonomy of workflow partitioning problems and methods in distributed environments. Journal of Systems and Software, 2017, 132, 253-271.	3.3	18
14	Recognition of words from brain-generated signals of speech-impaired people: Application of autoencoders as a neural Turing machine controller in deep neural networks. Neural Networks, 2020, 121, 186-207.	3.3	17
15	Workflow scheduling applying adaptable and dynamic fragmentation (WSADF) based on runtime conditions in cloud computing. Future Generation Computer Systems, 2019, 90, 327-346.	4.9	16
16	Adaptable Decentralized Service Oriented Architecture. Journal of Systems and Software, 2011, 84, 1591-1617.	3.3	14
17	A hybrid algorithm based on chicken swarm and improved raven roosting optimization. Soft Computing, 2019, 23, 10129-10171.	2.1	12
18	BMDA: applying biogeography-based optimization algorithm and Mexican hat wavelet to improve dragonfly algorithm. Soft Computing, 2020, 24, 15979-16004.	2.1	12

#	ARTICLE	IF	CITATIONS
19	PCVM.ARIMA: predictive consolidation of virtual machines applying ARIMA method. Journal of Supercomputing, 2021, 77, 2172-2206.	2.4	11
20	A classifier task based on Neural Turing Machine and particle swarm algorithm. Neurocomputing, 2020, 396, 133-152.	3.5	10
21	A threshold sensitive failure prediction method using support vector machine. Multiagent and Grid Systems, 2017, 13, 97-111.	0.5	8
22	VMDFS: virtual machine dynamic frequency scaling framework in cloud computing. Journal of Supercomputing, 2018, 74, 5944-5979.	2.4	8
23	Energy-efficient placement of virtual machines in cloud data centres based on fuzzy decision making. International Journal of Grid and Utility Computing, 2018, 9, 367.	0.1	7
24	A Review on Neural Turing Machine (NTM). SN Computer Science, 2020, 1, 1.	2.3	6
25	QoS-based Web Service Composition Applying an Improved Genetic Algorithm (IGA) Method. International Journal of Enterprise Information Systems, 2016, 12, 60-77.	0.6	5
26	CRFF.GP: cloud runtime formulation framework based on genetic programming. Journal of Supercomputing, 2019, 75, 3882-3916.	2.4	5
27	EDNC: Evolving Differentiable Neural Computers. Neurocomputing, 2020, 412, 514-542.	3.5	5
28	VCSP: virtual CPU scheduling for post-copy live migration of virtual machines. International Journal of Information Technology (Singapore), 2021, 13, 239-250.	1.8	5
29	A checklist based evaluation framework to measure risk of information security management systems. International Journal of Information Technology (Singapore), 2019, 11, 517-534.	1.8	4
30	BFPF-Cloud: Applying SVM for Byzantine Failure Prediction to Increase Availability and Failure Tolerance in Cloud Computing. SN Computer Science, 2020, 1, 1.	2.3	4
31	LOADng-AT: a novel practical implementation of hybrid AHP-TOPSIS algorithm in reactive routing protocol for intelligent IoT-based networks. Journal of Supercomputing, 2022, 78, 9521-9569.	2.4	4
32	Dynamic scheduling of independent tasks in cloud computing applying a new hybrid metaheuristic algorithm including Gabor filter, opposition-based learning, multi-verse optimizer, and multi-tracker optimization algorithms. Journal of Supercomputing, 2022, 78, 1182-1243.	2.4	3
33	SLA-Driven Business Process Distribution. , 2009, , .		2
34	Using process mining to business process distribution. , 2009, , .		2
35	A framework for context-aware web service composition using planning techniques. Multiagent and Grid Systems, 2015, 10, 185-197.	0.5	1
36	Recognizing MapReduce Straggler Tasks in Big Data Infrastructures Using Artificial Neural Networks. Journal of Grid Computing, 2020, 18, 879-901.	2.5	1

#	ARTICLE	IF	CITATIONS
37	Energy-efficient placement of virtual machines in cloud data centres based on fuzzy decision making. International Journal of Grid and Utility Computing, 2018, 9, 367.	0.1	1
38	Item-Based Recommender Systems Applying Social-Economic Indicators. SN Computer Science, 2020, 1, 1.	2.3	0
39	An Agglomerative Hierarchical Clustering Framework for Improving the Ensemble Clustering Process. Cybernetics and Systems, 0, , 1-23.	1.6	0
40	SM@RMFFOG: sensor mining at resource management framework of fog computing. Journal of Supercomputing, 0, , .	2.4	0