Ehsan Mousavi Khaneghah

List of Publications by Year
in descending order

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37	161	1477746 6	1473754 9
papers	citations	h-index	g-index

37	37	37	38
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A dynamic framework for integrated management ofÂall types of resources in P2P systems. Journal of Supercomputing, 2010, 52, 149-170.	2.4	21
2	AMRC: an algebraic model for reconfiguration of high performance cluster computing systems at runtime. Journal of Supercomputing, 2014, 67, 1-30.	2.4	15
3	Challenges of Process Migration to Support Distributed Exascale Computing Environment. , 2018, , .		11
4	Modeling and analysis of access transparency and scalability in P2P distributed systems. International Journal of Communication Systems, 2014, 27, 2190-2214.	1.6	8
5	Portable Inter Process Communication Programming. , 2008, , .		7
6	Improving Learning-Based Request Forwarding in Resource Discovery through Load-Awareness. Lecture Notes in Computer Science, 2011, , 73-82.	1.0	7
7	Dynamic Multilevel Feedback-Based Searching Strategy in Unstructured Peer-to-Peer Systems. , 2012, , .		6
8	A Dynamic Popularity-Aware Load Balancing Algorithm for Structured P2P Systems. Lecture Notes in Computer Science, 2012, , 77-84.	1.0	6
9	A mathematical multi-dimensional mechanism to improve process migration efficiency in peer-to-peer computing environments. Cogent Engineering, 2018, 5, 1458434.	1.1	6
10	ExaRD: introducing a framework for empowerment of resource discovery to support distributed exascale computing systems with high consistency. Cluster Computing, 2020, 23, 3349-3369.	3.5	6
11	A Case for Kernel Level Implementation of Inter Process Communication Mechanisms. , 2008, , .		5
12	A mathematical model for empowerment of Beowulf clusters for exascale computing. , 2013, , .		5
13	DTHMM ExaLB: discrete-time hidden Markov model for load balancing in distributed exascale computing environment. Cogent Engineering, 2020, 7, 1743404.	1.1	5
14	An Efficient Live Process Migration Approach for High Performance Cluster Computing Systems. Communications in Computer and Information Science, 2011, , 362-373.	0.4	5
15	The Influence of Exascale on Resource Discovery and Defining an Indicator. Azerbaijan Journal of High Performance Computing, 2018, 1, 3-19.	0.2	5
16	CHALLENGES OF RESOURCE DISCOVERY TO SUPPORT DISTRIBUTED EXASCALE COMPUTING ENVIRONMENT. Azerbaijan Journal of High Performance Computing, 2018, 1, 168-178.	0.2	5
17	A platform independent distributed IPC mechanism inÂsupport of programming heterogeneous distributed systems. Journal of Supercomputing, 2012, 59, 548-567.	2.4	4
18	A mathematical model to adopt B2C ecommerce based on special customer requirement in social values with an emphasis on Islamic beliefs. Journal of Islamic Marketing, 2019, 10, 1167-1195.	2.3	4

#	Article	IF	Citations
19	Evaluating the Effect of Inter Process Communication Efficiency on High Performance Distributed Scientific Computing. , 2008, , .		3
20	A mathematical model to calculate real cost/performance in software distributed shared memory on computing environments. Journal of Supercomputing, 2018, 74, 1715-1764.	2.4	3
21	ExaMig Matrix: Process Migration based on Matrix Definition of Selecting Destination in Distributed Exascale Environments. Azerbaijan Journal of High Performance Computing, 2018, 1, 20-41.	0.2	3
22	The Influence of Efficient Message Passing Mechanisms on High Performance Distributed Scientific Computing. , 2008, , .		2
23	Formulating the real cost of DSM-inherent dependent parameters in HPC clusters. , 2010, , .		2
24	<scp>A</scp>tlantis: a timeâ€value model in eâ€commerce. Journal of Applied Social Psychology, 2013, 43, 1211-1227.	1.3	2
25	4-dimensional Model for Describing Status of Peers in Peer-to-Peer Distributed Systems. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , .	0.9	2
26	Artemis time: A mathematical model to calculate maximum acceptable waiting time in B2C e-commerce. Cogent Business and Management, 2017, 4, 1405509.	1.3	2
27	A mathematical framework for managing interactive communication distortions in exascale organizations. Cogent Business and Management, 2018, 5, 1545356.	1.3	2
28	A mathematical model to describe resource discovery failure in distributed exascale computing systems. Peer-to-Peer Networking and Applications, 2021, 14, 1021-1043.	2.6	2
29	CHALLENGES OF USING UNSTRUCTURED P2P SYSTEMS TO SUPPORT DISTRIBUTED EXASCALE COMPUTING. Azerbaijan Journal of High Performance Computing, 2019, 2, 3-6.	0.2	2
30	Formulating the influence of peer-to-peer systems scale up on access transparency. , 2008, , .		1
31	A low-overhead structure maintenance approach for building robust structured P2P systems. , 2012, , .		1
32	A Dynamic Replication Mechanism to Reduce Response-Time of I/O Operations in High Performance Computing Clusters. , 2013, , .		1
33	Multics and Plan 9: The Big Bangs in the Distributed Computing System Universe. Computing in Science and Engineering, 2014, 16, 76-85.	1.2	1
34	ExaFlooding RD: A Mathematical Model to Support Unstructured Resource Discovery in Distributed Exascale Computing Environments. Journal of Grid Computing, 2022, 20, .	2.5	1
35	Local Robustness: A Process Migration Criterion in HPC Clusters. Communications in Computer and Information Science, 2011, , 374-382.	0.4	0
36	CGUW: A system software for heterogeneous IPC mechanism in grid computing environments. , 2017, , .		0

#	Article	IF	Citations
37	Empowerment of cluster and grid load balancing algorithms to support distributed exascale computing systems with high compatibility. International Journal of Computational Science and Engineering, 2022, 25, 235.	0.4	0