# Ehsan Mousavi Khaneghah

List of Publications by Year
in descending order

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|---|---|---|---|
| 37 papers | 161 citations | 1477746<br>6 h-index | 1473754<br>9 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 38 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | ExaFlooding RD: A Mathematical Model to Support Unstructured Resource Discovery in Distributed Exascale Computing Environments. Journal of Grid Computing, 2022, 20, . | 2.5 | 1 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | DTHMM ExaLB: discrete-time hidden Markov model for load balancing in distributed exascale computing environment. Cogent Engineering, 2020, 7, 1743404. | 1.1 | 5 |
| 6 | 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 |
| 7 | CHALLENGES OF USING UNSTRUCTURED P2P SYSTEMS TO SUPPORT DISTRIBUTED EXASCALE COMPUTING. Azerbaijan Journal of High Performance Computing, 2019, 2, 3-6. | 0.2 | 2 |
| 8 | 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 |
| 9 | A mathematical framework for managing interactive communication distortions in exascale organizations. Cogent Business and Management, 2018, 5, 1545356. | 1.3 | 2 |
| 10 | Challenges of Process Migration to Support Distributed Exascale Computing Environment. , 2018, , . | | 11 |
| 11 | A mathematical multi-dimensional mechanism to improve process migration efficiency in peer-to-peer computing environments. Cogent Engineering, 2018, 5, 1458434. | 1.1 | 6 |
| 12 | 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 |
| 13 | The Influence of Exascale on Resource Discovery and Defining an Indicator. Azerbaijan Journal of High Performance Computing, 2018, 1, 3-19. | 0.2 | 5 |
| 14 | CHALLENGES OF RESOURCE DISCOVERY TO SUPPORT DISTRIBUTED EXASCALE COMPUTING ENVIRONMENT. Azerbaijan Journal of High Performance Computing, 2018, 1, 168-178. | 0.2 | 5 |
| 15 | CGUW: A system software for heterogeneous IPC mechanism in grid computing environments. , 2017, , . | | 0 |
| 16 | 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 |
| 17 | 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 |
| 18 | Modeling and analysis of access transparency and scalability in P2P distributed systems. International Journal of Communication Systems, 2014, 27, 2190-2214. | 1.6 | 8 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | AMRC: an algebraic model for reconfiguration of high performance cluster computing systems at runtime. Journal of Supercomputing, 2014, 67, 1-30. | 2.4 | 15 |
| 20 | A mathematical model for empowerment of Beowulf clusters for exascale computing. , 2013, , . | | 5 |
| 21 | A Dynamic Replication Mechanism to Reduce Response-Time of I/O Operations in High Performance Computing Clusters. , 2013, , . | | 1 |
| 22 | <scp>A</scp>tlantis: a time–value model in e–commerce. Journal of Applied Social Psychology, 2013, 43, 1211-1227. | 1.3 | 2 |
| 23 | Dynamic Multilevel Feedback-Based Searching Strategy in Unstructured Peer-to-Peer Systems. , 2012, , . | | 6 |
| 24 | A Dynamic Popularity-Aware Load Balancing Algorithm for Structured P2P Systems. Lecture Notes in Computer Science, 2012, , 77-84. | 1.0 | 6 |
| 25 | A low-overhead structure maintenance approach for building robust structured P2P systems. , 2012, , . | | 1 |
| 26 | A platform independent distributed IPC mechanism inÂsupport of programming heterogeneous distributed systems. Journal of Supercomputing, 2012, 59, 548-567. | 2.4 | 4 |
| 27 | Local Robustness: A Process Migration Criterion in HPC Clusters. Communications in Computer and Information Science, 2011, , 374-382. | 0.4 | 0 |
| 28 | Improving Learning-Based Request Forwarding in Resource Discovery through Load-Awareness. Lecture Notes in Computer Science, 2011, , 73-82. | 1.0 | 7 |
| 29 | An Efficient Live Process Migration Approach for High Performance Cluster Computing Systems. Communications in Computer and Information Science, 2011, , 362-373. | 0.4 | 5 |
| 30 | A dynamic framework for integrated management ofÂall types of resources in P2P systems. Journal of Supercomputing, 2010, 52, 149-170. | 2.4 | 21 |
| 31 | Formulating the real cost of DSM-inherent dependent parameters in HPC clusters. , 2010, , . | | 2 |
| 32 | Formulating the influence of peer-to-peer systems scale up on access transparency. , 2008, , . | | 1 |
| 33 | Portable Inter Process Communication Programming. , 2008, , . | | 7 |
| 34 | Evaluating the Effect of Inter Process Communication Efficiency on High Performance Distributed Scientific Computing. , 2008, , . | | 3 |
| 35 | A Case for Kernel Level Implementation of Inter Process Communication Mechanisms. , 2008, , . | | 5 |
| 36 | The Influence of Efficient Message Passing Mechanisms on High Performance Distributed Scientific Computing. , 2008, , . | | 2 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 37 | 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 |