Sangyoon Oh

List of Publications by Year
in descending order

36 papers	250 citations	1163117 8 h-index	996975 15 g-index
36 all docs	36 docs citations	36 times ranked	244 citing authors

#	Article	IF	Citations
1	Ensemble Learning with Active Example Selection for Imbalanced Biomedical Data Classification. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 316-325.	3.0	72
2	XML Metadata Services. Concurrency Computation Practice and Experience, 2008, 20, 801-823.	2.2	26
3	Evaluating ARM HPC clusters for scientific workloads. Concurrency Computation Practice and Experience, 2015, 27, 5390-5410.	2.2	18
4	Modeling Analysis and Cost-Performance Ratio Optimization of Virtual Machine Scheduling in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1518-1532.	5.6	18
5	Mitigating Cold Start Problem in Serverless Computing with Function Fusion. Sensors, 2021, 21, 8416.	3.8	15
6	Achieving Balanced Load Distribution with Reinforcement Learning-Based Switch Migration in Distributed SDN Controllers. Electronics (Switzerland), 2021, 10, 162.	3.1	12
7	A dynamic task offloading algorithm based on greedy matching in vehicle network. Ad Hoc Networks, 2021, 123, 102639.	5.5	11
8	Alternating decision tree algorithm for assessing protein interaction reliability. Vietnam Journal of Computer Science, 2014, 1, 169-178.	1.2	9
9	Vehicle detection from airborne LiDAR point clouds based on a decision tree algorithm with horizontal and vertical features. Remote Sensing Letters, 2017, 8, 409-418.	1.4	9
10	User Preference-Based Hierarchical Offloading for Collaborative Cloud-Edge Computing. IEEE Transactions on Services Computing, 2021, , 1-1.	4.6	8
11	Lightweight Single Image Super-resolution with Dense Connection Distillation Network. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-17.	4.3	7
12	Novel data€placement scheme for improving the data locality of Hadoop in heterogeneous environments. Concurrency Computation Practice and Experience, 2021, 33, e5752.	2.2	6
13	Spark-based in-memory DEM creation from 3D LiDAR point clouds. Remote Sensing Letters, 2017, 8, 360-369.	1.4	5
14	Label Propagation-Based Parallel Graph Partitioning for Large-Scale Graph Data. IEEE Access, 2020, 8, 72801-72813.	4.2	5
15	An approach to mitigate DoS attack based on routing misbehavior in wireless ad hoc networks. Peer-to-Peer Networking and Applications, 2015, 8, 684-693.	3.9	4
16	I/O Performance Evaluation of Large-Scale Deep Learning on an HPC System. , 2019, , .		4
17	Scalable RDF triple store using summary of hashed information and Bit comparison. , 2015, , .		3
18	Accelerating Deep Reinforcement Learning Using Human Demonstration Data Based on Dual Replay Buffer Management and Online Frame Skipping. , 2019, , .		3

#	Article	IF	Citations
19	Indexing and querying algorithm based on structure indexing for managing massive-scale RDF data. Journal of Intelligent and Fuzzy Systems, 2014, 27, 575-587.	1.4	2
20	Efficient vCore Based Container Deployment Algorithm for Improving Heterogeneous Hadoop YARN Performance. Lecture Notes in Electrical Engineering, 2017, , 191-201.	0.4	2
21	Enabling RETE Algorithm for RDFS Reasoning on Apache Spark. , 2018, , .		2
22	A low redundancy and high time efficiency large-scale task assignment strategy for heterogeneous service-oriented cloud computing systems. Journal of Supercomputing, 2021, 77, 3450-3483.	3.6	2
23	Ensemble Learning Based on Active Example Selection for Solving Imbalanced Data Problem in Biomedical Data. , 2009, , .		1
24	CPartition: a Correlation-Based Space Partitioning for Content-Based Publish/Subscribe Systems with Skewed Workload. , 2020, , .		1
25	Accelerated deep reinforcement learning with efficient demonstration utilization techniques. World Wide Web, 2020, 24, 1275.	4.0	1
26	Exploring a system architecture of content‐based publish/subscribe system for efficient on‐the‐fly data dissemination. Concurrency Computation Practice and Experience, 2021, 33, e6090.	2.2	1
27	Vehicle Detection Method Based on Object-Based Point Cloud Analysis Using Vertical Elevation Data. KIPS Transactions on Software and Data Engineering, 2016, 5, 369-376.	0.1	1
28	AR-CNN: an attention ranking network for learning urban perception. Science China Information Sciences, 2022, 65, 1.	4.3	1
29	SURF: Direction-Optimizing Breadth-First Search Using Workload State on GPUs. Sensors, 2022, 22, 4899.	3.8	1
30	A Model for QoS-Aware Service Oriented Architecture in the Realm of Content Delivery. , 2009, , .		0
31	STR-octree indexing method for processing LiDAR data. , 2015, , .		0
32	Efficient RDF Representation and Parallel Join Processing Algorithm on General Purpose Many-Core. , 2016, , .		0
33	High Performance Query Processing for Web Scale RDF Data using BSP Style Communication and Balanced Distribution. , 2017, , .		0
34	Balanced content space partitioning for pub/sub: a study on impact of varying partitioning granularity. Journal of Supercomputing, 2021, 77, 13676-13702.	3.6	0
35	Parallel Programming Models in High‐Performance Cloud (ParaMo 2019). Concurrency Computation Practice and Experience, 2021, 33, e6527.	2.2	0
36	An Efficient Dynamic Allocation Algorithm for Virtual Machines in Heterogeneous Server Environment. Advanced Science Letters, 2016, 22, 2509-2513.	0.2	0