

Dong-sheng Li

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

800
citations

933447

10
h-index

610901

24
g-index

83
all docs

83
docs citations

83
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Adaptive Pooling by Capturing High-Order Dependency for Graph Representation Learning. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3952-3965.	5.7	10
2	Gradient Descent Learning With Floats. IEEE Transactions on Cybernetics, 2022, 52, 1763-1771.	9.5	8
3	Unsupervised Entity Resolution With Blocking and Graph Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1501-1515.	5.7	8
4	Capri: Consensus Accelerated Proximal Reweighted Iteration for A Class of Nonconvex Minimizations. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1066-1079.	5.7	2
5	Distant context aware text generation from abstract meaning representation. Applied Intelligence, 2022, 52, 1672-1685.	5.3	2
6	Improved heuristic job scheduling method to enhance throughput for big data analytics. Tsinghua Science and Technology, 2022, 27, 344-357.	6.1	11
7	Adaptive Temporal Difference Learning With Linear Function Approximation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 8812-8824.	13.9	6
8	SIFTER: A Framework for Robust Rumor Detection. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 429-442.	5.8	7
9	Text Generation From Data With Dynamic Planning. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 26-34.	5.8	2
10	Sign Stochastic Gradient Descents without bounded gradient assumption for the finite sum minimization. Neural Networks, 2022, 149, 195-203.	5.9	9
11	S2 Reducer: High-Performance Sparse Communication to Accelerate Distributed Deep Learning. , 2022, , .		2
12	Cross-Modal Knowledge Distillation in Multi-Modal Fake News Detection. , 2022, , .		9
13	Learning to classify relations between entities from noisy data - A meta instance reweighting approach. Expert Systems With Applications, 2022, 202, 117113.	7.6	1
14	Effective and Efficient Content Redundancy Detection of Web Videos. IEEE Transactions on Big Data, 2021, 7, 187-198.	6.1	4
15	Novel Convergence Results of Adaptive Stochastic Gradient Descents. IEEE Transactions on Image Processing, 2021, 30, 1044-1056.	9.8	6
16	A survey of script learning. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 341-373.	2.6	2
17	Inertial Proximal Deep Learning Alternating Minimization for Efficient Neutral Network Training. , 2021, , .		1
18	Optimizing Resource Allocation for Data-Parallel Jobs Via GCN-Based Prediction. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2188-2201.	5.6	0

#	ARTICLE	IF	CITATIONS
19	2PGraph: Accelerating GNN Training over Large Graphs on GPU Clusters. , 2021, , .		6
20	Heterogeneous Systolic Array Architecture for Compact CNNs Hardware Accelerators. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	5.6	3
21	PCGraph: Accelerating GNN Inference on Large Graphs via Partition Caching. , 2021, , .		2
22	Accelerate Graph Neural Network Training by Reusing Batch Data on GPUs. , 2021, , .		2
23	An efficient parallel and distributed solution to nonconvex penalized linear SVMs. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 587-603.	2.6	8
24	Learning to select pseudo labels: a semi-supervised method for named entity recognition. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 903-916.	2.6	9
25	Deep reinforcement learning: a survey. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 1726-1744.	2.6	93
26	Clustering-preserving Network Flow Sketching. , 2020, , .		9
27	TopoX: Topology Refactorization for Minimizing Network Communication in Graph Computations. IEEE/ACM Transactions on Networking, 2020, 28, 2768-2782.	3.8	13
28	Poster Abstract: Model Average-based Distributed Training for Sparse Deep Neural Networks. , 2020, , .		0
29	A Distributed Event Extraction Framework for Large-Scale Unstructured Text. , 2020, , .		1
30	Coordinative Scheduling of Computation and Communication in Data-parallel Systems. IEEE Transactions on Computers, 2020, , 1-1.	3.4	1
31	Tag Pollution Detection in Web Videos via Cross-Modal Relevance Estimation. , 2020, , .		0
32	Nonergodic Complexity of Proximal Inertial Gradient Descents. IEEE Transactions on Neural Networks and Learning Systems, 2020, 32, 1-14.	11.3	2
33	A Nonconvex Implementation of Sparse Subspace Clustering: Algorithm and Convergence Analysis. IEEE Access, 2020, 8, 54741-54750.	4.2	5
34	Large-scale graph processing systems: a survey. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 384-404.	2.6	12
35	A BERT-Based Semantic Matching Ranker for Open-Domain Question Answering. , 2020, , .		0
36	BSE-MAML: Model Agnostic Meta-Reinforcement Learning via Bayesian Structured Exploration. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
37	DualGCN: Representation Learning for Property Graphs via Dual-level Convolutional Networks. , 2020, , .		0
38	GraphA: Efficient Partitioning and Storage for Distributed Graph Computation. IEEE Transactions on Services Computing, 2019, , 1-1.	4.6	2
39	A Skewness-Aware Matrix Factorization Approach for Mesh-Structured Cloud Services. IEEE/ACM Transactions on Networking, 2019, 27, 1598-1611.	3.8	5
40	A Large-Gap Clone Detection Approach Using Sequence Alignment via Dynamic Parameter Optimization. IEEE Access, 2019, 7, 131270-131281.	4.2	9
41	Person Re-Identification Based on Multi-Parts of Local Feature Network. IEEE Access, 2019, 7, 132438-132447.	4.2	5
42	Diting: An Author Disambiguation Method Based on Network Representation Learning. IEEE Access, 2019, 7, 135539-135555.	4.2	4
43	Resilient Disaggregated Network Flow Monitoring. , 2019, , .		1
44	Iteratively Reweighted Penalty Alternating Minimization Methods with Continuation for Image Deblurring. , 2019, , .		4
45	Leveraging Glocality for Fast Failure Recovery in Distributed RAM Storage. ACM Transactions on Storage, 2019, 15, 1-24.	2.1	9
46	Author Disambiguation through Adversarial Network Representation Learning. , 2019, , .		4
47	Heavy-ball Algorithms Always Escape Saddle Points. , 2019, , .		3
48	CSR: Classified Source Routing in Distributed Networks. IEEE Transactions on Cloud Computing, 2018, 6, 464-477.	4.4	8
49	Every Timestamp Counts: Accurate Tracking of Network Latencies Using Reconcilable Difference Aggregator. IEEE/ACM Transactions on Networking, 2018, 26, 90-103.	3.8	4
50	An Efficient ADMM-Based Algorithm to Nonconvex Penalized Support Vector Machines. , 2018, , .		10
51	Temporal Pyramid Relation Network for Video-Based Gesture Recognition. , 2018, , .		9
52	Predicting the implicit and the explicit video popularity in a User Generated Content site with enhanced social features. Computer Networks, 2018, 140, 112-125.	5.1	38
53	The Fusion of VMs and Processes: A System Perspective of cKernel. , 2018, , .		1
54	CubicRing: Exploiting Network Proximity for Distributed In-Memory Key-Value Store. IEEE/ACM Transactions on Networking, 2017, 25, 2040-2053.	3.8	13

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55	Efficient parallel implementation of a density peaks clustering algorithm on graphics processing unit. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2017, 18, 915-927.	2.6	7
56	Cryo-EM structure of the protein-conducting ERAD channel Hrd1 in complex with Hrd3. <i>Nature</i> , 2017, 548, 352-355.	27.8	160
57	CubeX: Leveraging glocality of cube-based networks for RAM-based key-value store. , 2017, , .		5
58	VirtMan: design and implementation of a fast booting system for homogeneous virtual machines in iVCE. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2016, 17, 110-121.	2.6	0
59	Pegasus: a distributed and load-balancing fingerprint identification system. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2016, 17, 766-780.	2.6	5
60	DSS: A Scalable and Efficient Stratified Sampling Algorithm for Large-Scale Datasets. <i>Lecture Notes in Computer Science</i> , 2016, , 133-146.	1.3	2
61	Large-scale virtual machines provisioning in clouds: challenges and approaches. <i>Frontiers of Computer Science</i> , 2016, 10, 2-18.	2.4	14
62	An Efficient MapReduce Computing Model for Imprecise Applications. <i>International Journal of Web Services Research</i> , 2016, 13, 46-63.	0.8	0
63	Efficient multi-tenant virtual machine allocation in cloud data centers. <i>Tsinghua Science and Technology</i> , 2015, 20, 81-89.	6.1	28
64	DFIS: A Scalable Distributed Fingerprint Identification System. <i>Lecture Notes in Computer Science</i> , 2015, , 162-175.	1.3	2
65	MEX: A distributed computing framework for executable programs. , 2014, , .		0
66	MapCheckReduce: An Improved MapReduce Computing Model for Imprecise Applications. , 2014, , .		4
67	VMThunder: Fast Provisioning of Large-Scale Virtual Machine Clusters. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014, 25, 3328-3338.	5.6	46
68	Bulk Construction of Geo-Textual Indices. <i>International Journal of Data Warehousing and Mining</i> , 2014, 10, 15-33.	0.6	0
69	Skew-Aware Task Scheduling in Clouds. , 2013, , .		0
70	Internet-based Virtual Computing Environment: Beyond the data center as a computer. <i>Future Generation Computer Systems</i> , 2013, 29, 309-322.	7.5	74
71	OPTAS: Optimal Data Placement in MapReduce. , 2013, , .		4
72	SCautz: a high performance and fault-tolerant datacenter network for modular datacenters. <i>Science China Information Sciences</i> , 2012, 55, 1493-1508.	4.3	3

#	ARTICLE	IF	CITATIONS
73	Efficient range query processing over DHTs based on the balanced Kautz tree. Concurrency Computation Practice and Experience, 2011, 23, 796-814.	2.2	4
74	A load balancing-supported ID management method for Constant Degree DHTs. , 2010, , .		0
75	Efficient Virtual Machine Deployment in Large Scale Resource Environment. , 2010, , .		0
76	Creating Virtual Networks for Distributed Virtual Computing Environment. , 2009, , .		1
77	A Virtual Machine Server Aggregation Algorithm Based on Hierarchical Clustering. , 2009, , .		1
78	EDDTSTM: A Time-Nonlinear-Sensitive Trust Model Based on Human Mental Peculiarity in Virtual Computing Environments1. , 2006, , .		1
79	Dynamic self-adaptive replica location method in data grids. , 2003, , .		14
80	Decentralized adaptive replica location mechanism in large-scale distributed systems. , 0, , .		4
81	FISSIONE: A scalable constant degree and low congestion DHT scheme based on kautz graphs. , 0, , .		35
82	Fixed-Size Objects Encoding for Visual Relationship Detection. Neural Processing Letters, 0, , 1.	3.2	0
83	BRGraph: An efficient graph neural network training system by reusing batch data on GPU. Concurrency Computation Practice and Experience, 0, , .	2.2	0