Jigang Wu

List of Publications by Year in Descending Order

89 papers	1,079 citations	16 h-index	30 g-index
111 ext. papers	1,467 ext. citations	3.9 avg, IF	5.26 L-index

#	Paper	IF	Citations
89	Exploring Fine-grained Cluster Structure Knowledge for Unsupervised Domain Adaptation. *IEEE Transactions on Circuits and Systems for Video Technology*, **2022**, 1-1	6.4	1
88	Reconfiguration algorithms for synchronous communication on switch based degradable arrays. *Parallel Computing*, **2022**, 111, 102901	1	
87	Continuous Influence-based Community Partition for Social Networks. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	3
86	Generalized Multi-view Collaborative Subspace Clustering. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	0
85	Task Offloading Algorithms for Novel Load Balancing in Homogeneous Fog Network **2021**,		2
84	Context switch cost aware joint task merging and scheduling for deep learning applications. *Parallel Computing*, **2021**, 102, 102753	1	1
83	Combinatorial Double Auction for Resource Allocation in Mobile Blockchain Network. *Wireless Networks*, **2021**, 27, 3299-3312	2.5	
82	Defect Analysis and Parallel Testing for 3D Hybrid CMOS-Memristor Memory. *IEEE Transactions on Emerging Topics in Computing*, **2021**, 9, 745-758	4.1	2
81	Fog Computing Model and Efficient Algorithms for Directional Vehicle Mobility in Vehicular Network. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 2599-2614	6.1	11
80	Coupled Knowledge Transfer for Visual Data Recognition. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 31, 1776-1789	6.4	5
79	Feature-transfer network and local background suppression for microaneurysm detection. *Machine Vision and Applications*, **2021**, 32, 1	2.8	19
78	Asymmetric Supervised Consistent and Specific Hashing for Cross-Modal Retrieval. *IEEE Transactions on Image Processing*, **2021**, 30, 986-1000	8.7	10
77	Long-term optimization for MEC-enabled HetNets with device□edge□loud collaboration. *Computer Communications*, **2021**, 166, 66-80	5.1	3
76	. *IEEE Transactions on Multimedia*, **2021**, 23, 2930-2942	6.6	18
75	Load Balance Guaranteed Vehicle-to-Vehicle Computation Offloading for Min-Max Fairness in VANETs. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-20	6.1	0
74	Fault Modeling and Efficient Testing of Memristor-Based Memory. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-12	3.9	3
73	Blockchain-based Secure Key Management for Mobile Edge Computing. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	4

72	Search-free Inference Acceleration for Sparse Convolutional Neural Networks. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, **2021**, 1-1	2.5	
71	Robust Discriminant Projection Via Joint Margin and Locality Structure Preservation. *Neural Processing Letters*, **2021**, 53, 959-982	2.4	1
70	Integrating Two Logics Into One Crossbar Array for Logic Gate Design. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2987-2991	3.5	1
69	Structure preservation adversarial network for visual domain adaptation. *Information Sciences*, **2021**, 579, 266-280	7.7	0
68	Dependency-Aware Computation Offloading for Mobile Edge Computing with Edge-Cloud Cooperation. *IEEE Transactions on Cloud Computing*, **2021**, 1-1	3.3	7
67	Transferable Linear Discriminant Analysis. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 5630-5638	10.3	6
66	SODNet: small object detection using deconvolutional neural network. *IET Image Processing*, **2020**, 14, 1662-1669	1.7	5
65	Smart Contract-Based Long-Term Auction for Mobile Blockchain Computation Offloading. *IEEE Access*, **2020**, 8, 36029-36042	3.5	8
64	Visual Sentiment Prediction with Attribute Augmentation and Multi-attention Mechanism. *Neural Processing Letters*, **2020**, 51, 2403-2416	2.4	5
63	Joint discriminative attributes and similarity embeddings modeling for zero-shot recognition. *Neurocomputing*, **2020**, 399, 117-128	5.4	4
62	Learning Multi-Part Attention Neural Network for Zero-shot Classification. *IEEE Transactions on Cognitive and Developmental Systems*, **2020**, 1-1	3	0
61	Efficient task scheduling for servers with dynamic states in vehicular edge computing. *Computer Communications*, **2020**, 150, 245-253	5.1	13
60	Blockchain-based public auditing for big data in cloud storage. *Information Processing and Management*, **2020**, 57, 102382	6.3	62
59	Projective Double Reconstructions Based Dictionary Learning Algorithm for Cross-Domain Recognition. *IEEE Transactions on Image Processing*, **2020**, PP,	8.7	6
58	Multiview Consensus Structure Discovery. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
57	Double Relaxed Regression for Image Classification. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 307-319	6.4	11
56	Group Low-Rank Representation-Based Discriminant Linear Regression. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 760-770	6.4	2
55	Multiple-Choice Hardware/Software Partitioning for Tree Task-Graph on MPSoC. *Computer Journal*, **2020**, 63, 688-700	1.3	1

54	Constrained Discriminative Projection Learning for Image Classification. *IEEE Transactions on Image Processing*, **2020**, 29, 186-198	8.7	11
53	Flexible robust principal component analysis. *International Journal of Machine Learning and Cybernetics*, **2020**, 11, 603-613	3.8	3
52	Robust Multi-View Hashing for Cross-Modal Retrieval **2019**,		3
51	Supervised Consistent and Specific Hashing **2019**,		1
50	Secrecy rate and residual energy trade-off in energy harvesting cognitive radio networks. *Physical Communication*, **2019**, 37, 100857	2.2	2
49	Flexible Affinity Matrix Learning for Unsupervised and Semisupervised Classification. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1133-1149	10.3	23
48	Efficient three-stage auction schemes for cloudlets deployment in wireless access network. *Wireless Networks*, **2019**, 25, 3335-3349	2.5	5
47	Passivity and synchronization of switched coupled reaction□diffusion neural networks with non-delayed and delayed couplings. *International Journal of Computer Mathematics*, **2019**, 96, 1702-1722	1.2	8
46	**2019**,		9
45	Latent Elastic-Net Transfer Learning. *IEEE Transactions on Image Processing*, **2019**,	8.7	9
44	Task Merging and Scheduling for Parallel Deep Learning Applications in Mobile Edge Computing **2019**,		1
43	Low-Latency Cooperative Computation Offloading for Mobile Edge Computing **2019**,		1
42	Utility-Aware Batch-Processing Algorithms for Dynamic Carpooling Based on Double Auction **2019**,		2
41	**2019**,		2
40	**2019**,		3
39	Passivity-Based Leader-Following Consensus Control for Nonlinear Multi-Agent Systems with Fixed and Switching Topologies. *IEEE Transactions on Network Science and Engineering*, **2019**, 6, 844-856	4.9	11
38	Unsupervised feature extraction by low-rank and sparsity preserving embedding. *Neural Networks*, **2019**, 109, 56-66	9.1	19
37	Precision direction and compact surface type representation for 3D palmprint identification. *Pattern Recognition*, **2019**, 87, 237-247	7.7	11

36	TARCO: Two-Stage Auction for D2D Relay Aided Computation Resource Allocation in HetNet. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	14
35	Approximate Low-Rank Projection Learning for Feature Extraction. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 5228-5241	10.3	56
34	BRAINS: Joint Bandwidth-Relay Allocation in Multihoming Cooperative D2D Networks. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 5387-5398	6.8	15
33	Passivity and pinning control of coupled neural networks with and without time-varying delay. *Transactions of the Institute of Measurement and Control*, **2018**, 40, 2708-2717	1.8	19
32	Block-secure: Blockchain based scheme for secure P2P cloud storage. *Information Sciences*, **2018**, 465, 219-231	7.7	105
31	Low-rank and sparse embedding for dimensionality reduction. *Neural Networks*, **2018**, 108, 202-216	9.1	15
30	Algorithms for Replica Placement and Update in Tree Network. *Computer Journal*, **2018**, 61, 273-287	1.3	1
29	Defect Analysis and Parallel March Test Algorithm for 3D Hybrid CMOS-Memristor Memory **2018**,		3
28	ETRA: Efficient Three-Stage Resource Allocation Auction for Mobile Blockchain in Edge Computing **2018**,		7
27	A Direction-Based Vehicular Network Model in Vehicular Fog Computing **2018**,		2
26	TAMSA: Two-Stage Auction Mechanism for Spectrum Allocation in Cooperative Cognitive Radio Networks. *Lecture Notes in Computer Science*, **2018**, 3-16	0.9	
25	Blockchain-Based Secure and Reliable Distributed Deduplication Scheme. *Lecture Notes in Computer Science*, **2018**, 393-405	0.9	5
24	NESTLE: Incentive Mechanism Specialized for Computation Offloading in Local Edge Community. *Lecture Notes in Computer Science*, **2018**, 90-104	0.9	2
23	POEM: Pricing Longer for Edge Computing in the Device Cloud. *Lecture Notes in Computer Science*, **2018**, 355-369	0.9	3
22	Energy-Efficient Offloading in Mobile Edge Computing with Edge-Cloud Collaboration. *Lecture Notes in Computer Science*, **2018**, 460-475	0.9	8
21	Deduplication with Blockchain for Secure Cloud Storage. *Communications in Computer and Information Science*, **2018**, 558-570	0.3	10
20	QUICK: QoS-guaranteed efficient cloudlet placement in wireless metropolitan area networks. *Journal of Supercomputing*, **2018**, 74, 4037-4059	2.5	19
19	Passivity of Directed and Undirected Complex Dynamical Networks With Adaptive Coupling Weights. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 1827-1839	10.3	75

18	TACD: A Three-Stage Auction Scheme for Cloudlet Deployment in Wireless Access Network. *Lecture Notes in Computer Science*, **2017**, 877-882	0.9	5
17	Joint Charging Tour Planning and Depot Positioning for Wireless Sensor Networks Using Mobile Chargers. *IEEE/ACM Transactions on Networking*, **2017**, 25, 2250-2266	3.8	49
16	Fast algorithms for capacitated cloudlet placements **2017**,		12
15	Blockchain-Based Security Architecture for Distributed Cloud Storage **2017**,		20
14	Combining Enhanced Competitive Code with Compacted ST for 3D Palmprint Recognition **2017**,		3
13	DOTA: Delay Bounded Optimal Cloudlet Deployment and User Association in WMANs **2017**,		22
12	Passivity and Pinning Passivity of Coupled Delayed Reaction-Diffusion Neural Networks with Dirichlet Boundary Conditions. *Neural Processing Letters*, **2017**, 45, 869-885	2.4	24
11	Passivity Analysis of Coupled Reaction-Diffusion Neural Networks With Dirichlet Boundary Conditions. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2148-2159	7.3	66
10	QoE-Aware Task Offloading for Time Constraint Mobile Applications **2017**,		7
9	Note on Edge-Colored Graphs for Networks with Homogeneous Faults. *Computer Journal*, **2016**, 59, 1470-1478	1.3	1
8	Pinning Control for Synchronization of Coupled Reaction-Diffusion Neural Networks With Directed Topologies. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 1109-1120	7.3	142
7	Tight Upper Bound for Accelerating Reconfiguration of VLSI Arrays. *Journal of Circuits, Systems and Computers*, **2015**, 24, 1550099	0.9	1
6	Reconfiguring Three-Dimensional Processor Arrays for Fault-Tolerance: Hardness and Heuristic Algorithms. *IEEE Transactions on Computers*, **2015**, 64, 2926-2939	2.5	9
5	Reconfigurations for Processor Arrays with Faulty Switches and Links **2015**,		3
4	Efficient Heuristic for Placing Monitors on Flow Networks **2015**,		1
3	Algorithmic aspects of graph reduction for hardware/software partitioning. *Journal of Supercomputing*, **2015**, 71, 2251-2274	2.5	9
2	Efficient decentralized access control for secure data sharing in cloud computing. *Concurrency Computation Practice and Experience*,e6383	1.4	1
1	Efficient Algorithms For Storage Load Balancing Of Outsourced Data In Blockchain Network. *Computer Journal*,	1.3	1