Yuhua Tang

List of Publications by Year
in descending order

39 papers	**163** citations	1307594 **7** h-index	1281871 **11** g-index
39 all docs	**39** docs citations	**39** times ranked	**133** citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving efficient inverse design of low-dimensional heterostructures based on a vigorous scalable multi-task learning network. Optics Express, 2021, 29, 19727.	3.4	7
2	Relation-Based Deep Attention Network with Hybrid Memory for One-Shot Person Re-Identification. Sensors, 2021, 21, 5113.	3.8	4
3	Expedited circular dichroism prediction and engineering in two-dimensional diffractive chiral metamaterials leveraging a powerful model-agnostic data enhancement algorithm. Nanophotonics, 2021, 10, 1155-1168.	6.0	12
4	Adaptive Inner-reward Shaping in Sparse Reward Games. , 2020, , .		2
5	Adversarial Mixup Synthesis Training for Unsupervised Domain Adaptation. , 2020, , .		3
6	Hyperspectral open set classification with unknown classes rejection towards deep networks. International Journal of Remote Sensing, 2020, 41, 6355-6383.	2.9	11
7	Efficiency-enhanced Progressive Sampling Method on One-shot Person Re-Identification. , 2020, , .		0
8	Joint Deep Model with Multi-Level Attention and Hybrid-Prediction for Recommendation. Entropy, 2019, 21, 143.	2.2	5
9	Analyzing time-dimension communication characterizations for representative scientific applications on supercomputer systems. Frontiers of Computer Science, 2019, 13, 1228-1242.	2.4	7
10	Optimizing High-dimensional Learner with Low-Dimension Action Features. , 2019, , .		2
11	The Research on Efficiency of Bionic Robotic Fish Cruising Formation. , 2019, , .		1
12	Deep CNN-based Visual Target Tracking System Relying on Monocular Image Sensing. , 2018, , .		4
13	Communication Optimization for Multiphase Flow Solver in the Library of OpenFOAM. Water (Switzerland), 2018, 10, 1461.	2.7	10
14	A High Order Discontinuous Galerkin Method Based RANS Turbulence Framework for OpenFOAM. , 2017, , .		1
15	A Matlab toolbox for modelling viscoelastic constitutive equation and parameter optimization. , 2017, , .		0
16	Practical Performance Models for High-Order CFD Simulation. , 2017, , .		1
17	An improved changing-topology moving mesh method in OpenFOAM. , 2017, , .		1
18	Detailed and clock-driven simulation for HPC interconnection network. Frontiers of Computer Science, 2016, 10, 797-811.	2.4	3

#	Article	IF	Citations
19	Delay-reliability tradeoff for wireless-connected indoor robot surveillance based on radio environment map. , 2016, , .		1
20	Matching-range-constrained real-time loop closure detection with CNNs features. , 2016, , .		4
21	Matching-range-constrained real-time loop closure detection with CNNs features. Robotics and Biomimetics, 2016, 3, 15.	1.7	8
22	Communication-Motion Planning for Wireless Relay-Assisted Multi-Robot System. IEEE Wireless Communications Letters, 2016, 5, 568-571.	5.0	20
23	The way to develop software towards exascale computing. , 2016, , .		1
24	Reducing Static Energy in Supercomputer Interconnection Networks Using Topology-Aware Partitioning. IEEE Transactions on Computers, 2016, 65, 2588-2602.	3.4	6
25	Parallel architecture and optimization for discrete-event simulation of spike neural networks. Science China Technological Sciences, 2013, 56, 509-517.	4.0	16
26	Circuit analysis of the memristive stateful implication gate. Electronics Letters, 2013, 49, 1282-1283.	1.0	6
27	Multi-level programming of memristor in nanocrossbar. IEICE Electronics Express, 2013, 10, 20130013-20130013.	0.8	4
28	SMP-SIM: An event-driven performance simulator for SMP. , 2012, , .		1
29	Performance analysis of the graph-partitioning algorithms used in OpenFOAM. , 2012, , .		7
30	Design and implementation of the multicore architecture teaching experiment platform. , 2012, , .		1
31	A Unique Vertex Deleting Algorithm for Graph Isomorphism. , 2011, , .		1
32	Parallization of Adaboost Algorithm through Hybrid MPI/OpenMP and Transactional Memory. , 2011, , .		7
33	Optimization and Implementation of LBM Benchmark on Multithreaded GPU. , 2010, , .		0
34	Sim-spm: A SimpleScalar-Based Simulator for Multi-level SPM Memory Hierarchy Architecture. , 2010, , .		2
35	A Case Study of SWIM: Optimization of Memory Intensive Application on GPGPU. , 2010, , .		0
36	Efficiently Protect Memory through an Independent Counter Channel. , 2009, , .		0

#	Article	IF	Citations
37	Secure Remote Storage through Authenticated Encryption. , 2008, , .		1
38	Model-guided strip size selection for minimal execution time on imagine stream processor. , 2008, , .		0
39	Protecting integrity and confidentiality for data communication. , 0, , .		3