

Yuhua Tang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

163
citations

1307594

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h-index

1281871

11
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39
all docs

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docs citations

39
times ranked

133
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Communication-Motion Planning for Wireless Relay-Assisted Multi-Robot System. IEEE Wireless Communications Letters, 2016, 5, 568-571. | 5.0 | 20 |
| 2 | Parallel architecture and optimization for discrete-event simulation of spike neural networks. Science China Technological Sciences, 2013, 56, 509-517. | 4.0 | 16 |
| 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 | Hyperspectral open set classification with unknown classes rejection towards deep networks. International Journal of Remote Sensing, 2020, 41, 6355-6383. | 2.9 | 11 |
| 5 | Communication Optimization for Multiphase Flow Solver in the Library of OpenFOAM. Water (Switzerland), 2018, 10, 1461. | 2.7 | 10 |
| 6 | Matching-range-constrained real-time loop closure detection with CNNs features. Robotics and Biomimetics, 2016, 3, 15. | 1.7 | 8 |
| 7 | Parallization of Adaboost Algorithm through Hybrid MPI/OpenMP and Transactional Memory. , 2011, , . | | 7 |
| 8 | Performance analysis of the graph-partitioning algorithms used in OpenFOAM. , 2012, , . | | 7 |
| 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 | 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 |
| 11 | Circuit analysis of the memristive stateful implication gate. Electronics Letters, 2013, 49, 1282-1283. | 1.0 | 6 |
| 12 | Reducing Static Energy in Supercomputer Interconnection Networks Using Topology-Aware Partitioning. IEEE Transactions on Computers, 2016, 65, 2588-2602. | 3.4 | 6 |
| 13 | Joint Deep Model with Multi-Level Attention and Hybrid-Prediction for Recommendation. Entropy, 2019, 21, 143. | 2.2 | 5 |
| 14 | Multi-level programming of memristor in nanocrossbar. IEICE Electronics Express, 2013, 10, 20130013-20130013. | 0.8 | 4 |
| 15 | Matching-range-constrained real-time loop closure detection with CNNs features. , 2016, , . | | 4 |
| 16 | Deep CNN-based Visual Target Tracking System Relying on Monocular Image Sensing. , 2018, , . | | 4 |
| 17 | Relation-Based Deep Attention Network with Hybrid Memory for One-Shot Person Re-Identification. Sensors, 2021, 21, 5113. | 3.8 | 4 |
| 18 | Protecting integrity and confidentiality for data communication. , 0, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Detailed and clock-driven simulation for HPC interconnection network. <i>Frontiers of Computer Science</i> , 2016, 10, 797-811. | 2.4 | 3 |
| 20 | Adversarial Mixup Synthesis Training for Unsupervised Domain Adaptation. , 2020, , . | | 3 |
| 21 | Sim-spm: A SimpleScalar-Based Simulator for Multi-level SPM Memory Hierarchy Architecture. , 2010, , . | | 2 |
| 22 | Optimizing High-dimensional Learner with Low-Dimension Action Features. , 2019, , . | | 2 |
| 23 | Adaptive Inner-reward Shaping in Sparse Reward Games. , 2020, , . | | 2 |
| 24 | Secure Remote Storage through Authenticated Encryption. , 2008, , . | | 1 |
| 25 | A Unique Vertex Deleting Algorithm for Graph Isomorphism. , 2011, , . | | 1 |
| 26 | SMP-SIM: An event-driven performance simulator for SMP. , 2012, , . | | 1 |
| 27 | Design and implementation of the multicore architecture teaching experiment platform. , 2012, , . | | 1 |
| 28 | Delay-reliability tradeoff for wireless-connected indoor robot surveillance based on radio environment map. , 2016, , . | | 1 |
| 29 | The way to develop software towards exascale computing. , 2016, , . | | 1 |
| 30 | A High Order Discontinuous Galerkin Method Based RANS Turbulence Framework for OpenFOAM. , 2017, , . | | 1 |
| 31 | Practical Performance Models for High-Order CFD Simulation. , 2017, , . | | 1 |
| 32 | An improved changing-topology moving mesh method in OpenFOAM. , 2017, , . | | 1 |
| 33 | The Research on Efficiency of Bionic Robotic Fish Cruising Formation. , 2019, , . | | 1 |
| 34 | Model-guided strip size selection for minimal execution time on imagine stream processor. , 2008, , . | | 0 |
| 35 | Efficiently Protect Memory through an Independent Counter Channel. , 2009, , . | | 0 |
| 36 | Optimization and Implementation of LBM Benchmark on Multithreaded GPU. , 2010, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 37 | A Case Study of SWIM: Optimization of Memory Intensive Application on GPGPU. , 2010, , . | | 0 |
| 38 | A Matlab toolbox for modelling viscoelastic constitutive equation and parameter optimization. , 2017, , . | | 0 |
| 39 | Efficiency-enhanced Progressive Sampling Method on One-shot Person Re-Identification. , 2020, , . | | 0 |