# Yu Jiang

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 21<br>papers | 240<br>citations | 1163117<br>8<br>h-index | 996975<br>15<br>g-index |
| 21<br>all docs | 21<br>docs citations | 21<br>times ranked | 193<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | High-resolution temperature and salinity model analysis using support vector regression. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 1517-1525. | 4.9 | 19 |
| 2 | Spatio-temporal dependence-based tensor fusion for thermocline analysis in Argo data. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2021, 235, 1797-1807. | 1.0 | 2 |
| 3 | A field-programmable gate array system for sonar image recognition based on convolutional neural network. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2021, 235, 1808-1818. | 1.0 | 3 |
| 4 | An Underwater Human–Robot Interaction Using Hand Gestures for Fuzzy Control. International Journal of Fuzzy Systems, 2021, 23, 1879-1889. | 4.0 | 12 |
| 5 | A Method for Underwater Human–Robot Interaction Based on Gestures Tracking with Fuzzy Control. International Journal of Fuzzy Systems, 2021, 23, 2170-2181. | 4.0 | 9 |
| 6 | Diver's hand gesture recognition and segmentation for human–robot interaction on AUV. Signal, Image and Video Processing, 2021, 15, 1899-1906. | 2.7 | 9 |
| 7 | A convolutional neural network accelerator for real-time underwater image recognition of autonomous underwater vehicle. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2020, , 095965182095820. | 1.0 | 1 |
| 8 | Marine Dissolved Oxygen Prediction With Tree Tuned Deep Neural Network. IEEE Access, 2020, 8, 182431-182440. | 4.2 | 6 |
| 9 | Dolphin movement direction recognition using contour-skeleton information. Multimedia Tools and Applications, 2020, , 1. | 3.9 | 1 |
| 10 | Timely daily activity recognition from headmost sensor events. ISA Transactions, 2019, 94, 379-390. | 5.7 | 56 |
| 11 | Simulation of Evacuating Crowd Based on Deep Learning and Social Force Model. IEEE Access, 2019, 7, 155361-155371. | 4.2 | 12 |
| 12 | A novel parallel and distributed magnetotelluric inversion algorithm on multi-threads workloads cluster. Cluster Computing, 2019, 22, 1073-1083. | 5.0 | 3 |
| 13 | A parallel FP-growth algorithm on World Ocean Atlas data with multi-core CPU. Journal of Supercomputing, 2019, 75, 732-745. | 3.6 | 29 |
| 14 | Real-Time Underwater Image Recognition with FPGA Embedded System for Convolutional Neural Network. Sensors, 2019, 19, 350. | 3.8 | 37 |
| 15 | Revised simplex algorithm for linear programming on GPUs with CUDA. Multimedia Tools and Applications, 2018, 77, 30035-30050. | 3.9 | 6 |
| 16 | Trend prediction of the 3D thermocline's lateral boundary based on the SVR method. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, . | 2.4 | 7 |
| 17 | Analysis of Three-Dimensional Thermocline Based on Argo Data. , 2018, , . | | 0 |
| 18 | A Machine Learning Approach to Argo Data Analysis in a Thermocline. Sensors, 2017, 17, 2225. | 3.8 | 20 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | A balanced security protocol of Wireless Sensor Network for Smart Home. , 2014, , . | | 6 |
| 20 | Wireless Digital Gas Meter with Lower Power Consumption. , 2010, , . | | 2 |
| 21 | Q-Learning Based Optimisation Framework for Real-Time Mixed-Task Scheduling. Cyber-Physical Systems, 0, , 1-20. | 2.0 | 0 |