

# Yu Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

240  
citations

1163117

8  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timely daily activity recognition from headmost sensor events. ISA Transactions, 2019, 94, 379-390.	5.7	56
2	Real-Time Underwater Image Recognition with FPGA Embedded System for Convolutional Neural Network. Sensors, 2019, 19, 350.	3.8	37
3	A parallel FP-growth algorithm on World Ocean Atlas data with multi-core CPU. Journal of Supercomputing, 2019, 75, 732-745.	3.6	29
4	A Machine Learning Approach to Argo Data Analysis in a Thermocline. Sensors, 2017, 17, 2225.	3.8	20
5	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
6	Simulation of Evacuating Crowd Based on Deep Learning and Social Force Model. IEEE Access, 2019, 7, 155361-155371.	4.2	12
7	An Underwater Human-Robot Interaction Using Hand Gestures for Fuzzy Control. International Journal of Fuzzy Systems, 2021, 23, 1879-1889.	4.0	12
8	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
9	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
10	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
11	A balanced security protocol of Wireless Sensor Network for Smart Home. , 2014, , .		6
12	Revised simplex algorithm for linear programming on GPUs with CUDA. Multimedia Tools and Applications, 2018, 77, 30035-30050.	3.9	6
13	Marine Dissolved Oxygen Prediction With Tree Tuned Deep Neural Network. IEEE Access, 2020, 8, 182431-182440.	4.2	6
14	A novel parallel and distributed magnetotelluric inversion algorithm on multi-threads workloads cluster. Cluster Computing, 2019, 22, 1073-1083.	5.0	3
15	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
16	Wireless Digital Gas Meter with Lower Power Consumption. , 2010, , .		2
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Dolphin movement direction recognition using contour-skeleton information. Multimedia Tools and Applications, 2020, , 1.	3.9	1
20	Analysis of Three-Dimensional Thermocline Based on Argo Data. , 2018, , .		0
21	Q-Learning Based Optimisation Framework for Real-Time Mixed-Task Scheduling. Cyber-Physical Systems, 0, , 1-20.	2.0	0