

# Wanqing Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/555672/publications.pdf>

Version: 2024-02-01

23  
papers

512  
citations

932766

10  
h-index

887659

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

609  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Heuristic Distributed Task Allocation Method for Multivehicle Multitask Problems and Its Application to Search and Rescue Scenario. IEEE Transactions on Cybernetics, 2016, 46, 902-915.	6.2	153
2	Critical review of existing built environment resilience frameworks: Directions for future research. International Journal of Disaster Risk Reduction, 2017, 25, 173-189.	1.8	74
3	Optimization of Potable Water Distribution and Wastewater Collection Networks: A Systematic Review and Future Research Directions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 659-681.	5.9	46
4	A Review on Communication Aspects of Demand Response Management for Future 5G IoT- Based Smart Grids. IEEE Access, 2021, 9, 77555-77571.	2.6	42
5	A New Gradient Descent Approach for Local Learning of Fuzzy Neural Models. IEEE Transactions on Fuzzy Systems, 2013, 21, 30-44.	6.5	38
6	Urban-scale framework for assessing the resilience of buildings informed by a delphi expert consultation. International Journal of Disaster Risk Reduction, 2019, 36, 101079.	1.8	30
7	Improved Structure Optimization for Fuzzy-Neural Networks. IEEE Transactions on Fuzzy Systems, 2012, 20, 1076-1089.	6.5	27
8	Automated Model Construction for Combined Sewer Overflow Prediction Based on Efficient LASSO Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1254-1269.	5.9	21
9	An Efficient LS-SVM-Based Method for Fuzzy System Construction. IEEE Transactions on Fuzzy Systems, 2015, 23, 627-643.	6.5	19
10	A Hybrid Learning Method for Constructing Compact Rule-Based Fuzzy Models. IEEE Transactions on Cybernetics, 2013, 43, 1807-1821.	6.2	15
11	An Efficient Algorithm for Grid-Based Robotic Path Planning Based on Priority Sorting of Direction Vectors. Lecture Notes in Computer Science, 2010, , 456-466.	1.0	10
12	A systematic mixed-integer differential evolution approach for water network operational optimization. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20170879.	1.0	9
13	A regression approach to LS-SVM and sparse realization based on fast subset selection. , 2012, , .		8
14	Efficient least angle regression for identification of linear-in-the-parameters models. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20160775.	1.0	8
15	Shear walls optimization in a reinforced concrete framed building for seismic risk reduction. Journal of Building Engineering, 2022, 54, 104620.	1.6	5
16	Analysis of grey prediction based iterative learning control. , 2008, , .		2
17	Multi-objective consideration of earthquake resilience in the built environment: The case of Wenchuan earthquake. , 2017, , .		2
18	Nurturing Virtual Collaborative Networks into Urban Resilience for Seismic Hazards Mitigation. IFIP Advances in Information and Communication Technology, 2018, , 132-143.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Achieving Smart Water Network Management Through Semantically Driven Cognitive Systems. IFIP Advances in Information and Communication Technology, 2018, , 478-485.	0.5	1
20	An Online Recursive Identification Method over Networks with Random Packet Losses. Communications in Computer and Information Science, 2014, , 449-458.	0.4	1
21	Structural Behavior Analysis and Optimization, Integrating MATLAB with Autodesk Robot. , 2019, , 379-386.		0
22	An Integrated Method for the Construction of Compact Fuzzy Neural Models. Lecture Notes in Computer Science, 2010, , 102-109.	1.0	0
23	A Systematic Fire Detection Approach Based on Sparse Least-Squares SVMs. Communications in Computer and Information Science, 2014, , 351-362.	0.4	0