

# Guo-Niu Zhu

## List of Publications by Year in descending order

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14  
papers

559  
citations

1039880

9  
h-index

1125617

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14  
docs citations

14  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated AHP and VIKOR for design concept evaluation based on rough number. <i>Advanced Engineering Informatics</i> , 2015, 29, 408-418.	4.0	213
2	A fuzzy rough number-based AHP-TOPSIS for design concept evaluation under uncertain environments. <i>Applied Soft Computing Journal</i> , 2020, 91, 106228.	4.1	102
3	An integrated feature selection and cluster analysis techniques for case-based reasoning. <i>Engineering Applications of Artificial Intelligence</i> , 2015, 39, 14-22.	4.3	57
4	A fuzzy rough number extended AHP and VIKOR for failure mode and effects analysis under uncertainty. <i>Advanced Engineering Informatics</i> , 2022, 51, 101454.	4.0	40
5	Dynamic representation of fuzzy knowledge based on fuzzy petri net and genetic-particle swarm optimization. <i>Expert Systems With Applications</i> , 2014, 41, 1369-1376.	4.4	39
6	Safety-Enhanced Model-Free Visual Servoing for Continuum Tubular Robots Through Singularity Avoidance in Confined Environments. <i>IEEE Access</i> , 2019, 7, 21539-21558.	2.6	30
7	A rough number-based DEMATEL to evaluate the creative sustainable value propositions for smart product-service systems. <i>International Journal of Intelligent Systems</i> , 2021, 36, 3645-3679.	3.3	23
8	Evaluating biological inspiration for biologically inspired design: An integrated DEMATEL-MAIRCA based on fuzzy rough numbers. <i>International Journal of Intelligent Systems</i> , 2021, 36, 6032-6065.	3.3	15
9	Transcend Anthropomorphic Robotic Grasping With Modular Antagonistic Mechanisms and Adhesive Soft Modulations. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 2463-2470.	3.3	12
10	Pinch Grasp and Suction for Delicate Object Manipulations Using Modular Anthropomorphic Robotic Gripper with Soft Layer Enhancements. <i>Robotics</i> , 2019, 8, 67.	2.1	10
11	A Bimanual Robotic Teleoperation Architecture with Anthropomorphic Hybrid Grippers for Unstructured Manipulation Tasks. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2086.	1.3	9
12	Change mode and effects analysis by enhanced grey relational analysis under subjective environments. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2017, 31, 207-221.	0.7	5
13	Quantitative behavioral knowledge modeling for functional case adaptation. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2015, 26, 309-326.	1.2	3
14	Design Concept Evaluation Based on Rough Number and Information Entropy Theory. , 2015, , .		1