Guo-Niu Zhu

List of Publications by Year
in descending order

14 papers	559 citations	1039880 9 h-index	1125617 13 g-index
14 all docs	14 docs citations	14 times ranked	503 citing authors

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