

Honghao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,165
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Green decoration materials selection under interior environment characteristics: A grey-correlation based hybrid MCDM method. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 682-692.	16.4	211
2	Modeling and Planning for Dual-Objective Selective Disassembly Using and/or Graph and Discrete Artificial Bee Colony. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 2456-2468.	11.3	197
3	Operation patterns analysis of automotive components remanufacturing industry development in China. <i>Journal of Cleaner Production</i> , 2017, 164, 1363-1375.	9.3	174
4	AHP, Gray Correlation, and TOPSIS Combined Approach to Green Performance Evaluation of Design Alternatives. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1093-1105.	9.3	116
5	A hybrid multi-objective optimization approach for energy-absorbing structures in train collisions. <i>Information Sciences</i> , 2019, 481, 491-506.	6.9	84
6	Green material selection for sustainability: A hybrid MCDM approach. <i>PLoS ONE</i> , 2017, 12, e0177578.	2.5	59
7	Flexure Behaviors of ABS-based Composites Containing Carbon and Kevlar Fibers by Material Extrusion 3D Printing. <i>Polymers</i> , 2019, 11, 1878.	4.5	56
8	Multistage Impact Energy Distribution for Whole Vehicles in High-Speed Train Collisions: Modeling and Solution Methodology. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2486-2499.	11.3	48
9	The origami inspired optimization design to improve the crashworthiness of a multi-cell thin-walled structure for high speed train. <i>International Journal of Mechanical Sciences</i> , 2019, 159, 345-358.	6.7	42
10	Materials selection of 3D-printed continuous carbon fiber reinforced composites considering multiple criteria. <i>Materials and Design</i> , 2020, 196, 109140.	7.0	41
11	Detection of Train Driver Fatigue and Distraction Based on Forehead EEG: A Time-Series Ensemble Learning Method. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 13559-13569.	8.0	36
12	Risks of Ear Complaints of Passengers and Drivers While Trains Are Passing Through Tunnels at High Speed: A Numerical Simulation and Experimental Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1283.	2.6	19
13	An integrated multi-objective optimization method with application to train crashworthiness design. <i>Structural and Multidisciplinary Optimization</i> , 2021, 63, 1513-1532.	3.5	17
14	Balancing Problem of Stochastic Large-Scale U-Type Assembly Lines Using a Modified Evolutionary Algorithm. <i>IEEE Access</i> , 2018, 6, 78414-78424.	4.2	16
15	Random Energy-Efficient Models for Sustainable Facility Location Subject to Carbon Emission, Economical, Capacitated and Regional Constraints. <i>IEEE Access</i> , 2018, 6, 72757-72765.	4.2	13
16	Modeling and scheduling for remanufacturing systems with disassembly, reprocessing, and reassembly considering total energy consumption. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	13
17	Reverse Logistics Location Based on Energy Consumption: Modeling and Multi-Objective Optimization Method. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6466.	2.5	9
18	Energy consumption analysis and multiple-criteria evaluation of high-speed trains with different marshaled forms in China. <i>Science of the Total Environment</i> , 2021, 759, 143678.	8.0	8

#	ARTICLE	IF	CITATIONS
19	Green supply chain management of automotive manufacturing industry considering multiperspective indices. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 1787-1795.	1.4	3
20	Evaluation of Urban Traffic Accidents Based on Pedestrian Landing Injury Risks. Applied Sciences (Switzerland), 2022, 12, 6040.	2.5	2
21	Efficient image-driven algorithms for sheet forming optimization based on deep learning. Structural and Multidisciplinary Optimization, 0, , 1.	3.5	1