

Wensheng Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

346
citations

933264

10
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839398

18
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26
all docs

26
docs citations

26
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	A new improved fruit fly optimization algorithm IAFOA and its application to solve engineering optimization problems. Knowledge-Based Systems, 2018, 144, 153-173.	4.0	68
2	A novel hybrid bat algorithm for solving continuous optimization problems. Applied Soft Computing Journal, 2018, 73, 67-82.	4.1	56
3	A novel bat algorithm with double mutation operators and its application to low-velocity impact localization problem. Engineering Applications of Artificial Intelligence, 2020, 90, 103505.	4.3	22
4	Improved ant colony optimization algorithm and its application to solve pipe routing design. Assembly Automation, 2019, 39, 45-57.	1.0	21
5	A hybrid support vector regression with multi-domain features for low-velocity impact localization on composite plate structure. Mechanical Systems and Signal Processing, 2021, 154, 107547.	4.4	21
6	Selection and Characterization of Packaged FBG Sensors for Offshore Applications. Sensors, 2018, 18, 3963.	2.1	19
7	Improved dynamic adaptive ant colony optimization algorithm to solve pipe routing design. Knowledge-Based Systems, 2022, 237, 107846.	4.0	18
8	An improved fruit fly optimization algorithm based on selecting evolutionary direction intelligently *. International Journal of Computational Intelligence Systems, 2016, 9, 80.	1.6	17
9	An improved heuristic algorithm for 2D rectangle packing area minimization problems with central rectangles. Engineering Applications of Artificial Intelligence, 2017, 66, 1-16.	4.3	16
10	Design optimisation of submersible permanent magnet synchronous motor by combined DOE and Taguchi approach. IET Electric Power Applications, 2020, 14, 1060-1066.	1.1	14
11	Optimization design of low-speed surface-mounted PMSM for pumping unit. International Journal of Applied Electromagnetics and Mechanics, 2014, 46, 217-228.	0.3	9
12	A Novel Support Vector Machine Based on Hybrid Bat Algorithm and Its Application to Identification of Low Velocity Impact Areas. IEEE Access, 2020, 8, 8286-8299.	2.6	9
13	A dynamic stochastic search algorithm for high-dimensional optimization problems and its application to feature selection. Knowledge-Based Systems, 2022, 244, 108517.	4.0	8
14	Applying a New Adaptive Genetic Algorithm to Study the Layout of Drilling Equipment in Semisubmersible Drilling Platforms. Mathematical Problems in Engineering, 2015, 2015, 1-9.	0.6	7
15	A New Adaptive Genetic Algorithm and Its Application in the Layout problem. International Journal of Computational Intelligence Systems, 2015, 8, 1044.	1.6	6
16	A novel chaotic bat algorithm based on catfish effect for engineering optimization problems. Engineering Computations, 2019, 36, 1744-1763.	0.7	6
17	Suppression of Vortex-Induced Vibration by Fairings on Marine Risers. Journal of Ocean University of China, 2020, 19, 298-306.	0.6	6
18	An Analytical Procedure to Predict Transverse Vibration Response of Jack-Up Riser under the Random Wave Load. Shock and Vibration, 2020, 2020, 1-9.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Design of a New 1D Halbach Magnet Array with Good Sinusoidal Magnetic Field by Analyzing the Curved Surface. <i>Sensors</i> , 2021, 21, 2522.	2.1	5
20	Heuristic algorithm for RPAMP with central rectangle and its application to solve oil-gas treatment facility layout problem. <i>Engineering Applications of Artificial Intelligence</i> , 2018, 72, 294-309.	4.3	4
21	Research on facility layout optimization algorithm of deep-water semi-submersible drilling platform. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 669-675.	0.7	4
22	NHACR: A novel heuristic approach for 2D rectangle packing area minimization problem with central rectangle. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 103, 104291.	4.3	3
23	Multidisciplinary Design Optimization of Crankshaft Structure Based on Cooptimization and Multi-Island Genetic Algorithm. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-11.	0.6	2
24	Analysis and Simulation of Heavy Load Vibration Isolator for 3000HP Fracturing Track. , 2013, , .		0
25	An Analytical Method for Jack-Up Riser's Fatigue Life Estimation. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-9.	0.6	0
26	Natural Frequencies and Mode Shapes of Drill Pipe in Subsea Xmas Tree Installation. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-17.	0.6	0