

Natee Panagant

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

634
citations

758635

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all docs

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docs citations

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times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiobjective meta-heuristic with iterative parameter distribution estimation for aeroelastic design of an aircraft wing. <i>Engineering With Computers</i> , 2022, 38, 695-713.	3.5	14
2	A novel chaotic Henry gas solubility optimization algorithm for solving real-world engineering problems. <i>Engineering With Computers</i> , 2022, 38, 871-883.	3.5	57
3	Comparative Performance of Twelve Metaheuristics for Wind Farm Layout Optimisation. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 717-730.	6.0	42
4	Hybridised differential evolution and equilibrium optimiser with learning parameters for mechanical and aircraft wing design. <i>Knowledge-Based Systems</i> , 2022, 239, 107955.	4.0	7
5	A new hybrid artificial hummingbird-simulated annealing algorithm to solve constrained mechanical engineering problems. <i>Materialpruefung/Materials Testing</i> , 2022, 64, 1043-1050.	0.8	29
6	A Comparative Study of Recent Multi-objective Metaheuristics for Solving Constrained Truss Optimisation Problems. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 4031-4047.	6.0	61
7	A novel hybrid marine predators-Nelder-Mead optimization algorithm for the optimal design of engineering problems. <i>Materialpruefung/Materials Testing</i> , 2021, 63, 453-457.	0.8	11
8	Hybrid Taguchi-Lévy flight distribution optimization algorithm for solving real-world design optimization problems. <i>Materialpruefung/Materials Testing</i> , 2021, 63, 547-551.	0.8	13
9	Ground Structures-Based Topology Optimization of a Morphing Wing Using a Metaheuristic Algorithm. <i>Metals</i> , 2021, 11, 1311.	1.0	14
10	Aircraft Control Parameter Estimation Using Self-Adaptive Teaching-Learning-Based Optimization with an Acceptance Probability. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-12.	1.1	0
11	Surrogate-Assisted Reliability Optimisation of an Aircraft Wing with Static and Dynamic Aeroelastic Constraints. <i>International Journal of Aeronautical and Space Sciences</i> , 2020, 21, 723-732.	1.0	17
12	Self-adaptive many-objective meta-heuristic based on decomposition for many-objective conceptual design of a fixed wing unmanned aerial vehicle. <i>Aerospace Science and Technology</i> , 2020, 100, 105783.	2.5	79
13	Seagull optimization algorithm for solving real-world design optimization problems. <i>Materialpruefung/Materials Testing</i> , 2020, 62, 640-644.	0.8	88
14	Simultaneous topology, shape, and size optimization of trusses, taking account of uncertainties using multi-objective evolutionary algorithms. <i>Engineering With Computers</i> , 2019, 35, 721-740.	3.5	30
15	A novel self-adaptive hybrid multi-objective meta-heuristic for reliability design of trusses with simultaneous topology, shape and sizing optimisation design variables. <i>Structural and Multidisciplinary Optimization</i> , 2019, 60, 1937-1955.	1.7	33
16	Comparison of recent algorithms for many-objective optimisation of an automotive floor-frame. <i>International Journal of Vehicle Design</i> , 2019, 80, 176.	0.1	19
17	Automated design of aircraft fuselage stiffeners using multiobjective evolutionary optimisation. <i>International Journal of Vehicle Design</i> , 2019, 80, 162.	0.1	28
18	Comparison of recent algorithms for many-objective optimisation of an automotive floor-frame. <i>International Journal of Vehicle Design</i> , 2019, 80, 176.	0.1	8

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19	Automated design of aircraft fuselage stiffeners using multiobjective evolutionary optimisation. International Journal of Vehicle Design, 2019, 80, 162.	0.1	10
20	Truss topology, shape and sizing optimization by fully stressed design based on hybrid grey wolf optimization and adaptive differential evolution. Engineering Optimization, 2018, 50, 1645-1661.	1.5	55
21	ADOSH: software with graphic user interface for analysis and design of truss structures. Asian Journal of Civil Engineering, 2018, 19, 273-286.	0.8	0
22	Multiobjective Simultaneous Topology, Shape and Sizing Optimization of Trusses Using Evolutionary Optimizers. IOP Conference Series: Materials Science and Engineering, 2018, 370, 012029.	0.3	4
23	Differential Evolution Algorithm for Solving a Nonlinear Single Pendulum Problem. Advanced Materials Research, 2014, 931-932, 1129-1133.	0.3	2
24	Solving Partial Differential Equations Using a New Differential Evolution Algorithm. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	13