Natee Panagant

List of Publications by Year
in descending order

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Version: 2024-02-01

		758635	676716
24	634	12	22
papers	citations	h-index	g-index

24	24	24	353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seagull optimization algorithm for solving real-world design optimization problems. Materialpruefung/Materials Testing, 2020, 62, 640-644.	0.8	88
2	Self-adaptive many-objective meta-heuristic based on decomposition for many-objective conceptual design of a fixed wing unmanned aerial vehicle. Aerospace Science and Technology, 2020, 100, 105783.	2.5	79
3	A Comparative Study of Recent Multi-objective Metaheuristics for Solving Constrained Truss Optimisation Problems. Archives of Computational Methods in Engineering, 2021, 28, 4031-4047.	6.0	61
4	A novel chaotic Henry gas solubility optimization algorithm forÂsolvingÂreal-world engineering problems. Engineering With Computers, 2022, 38, 871-883.	3.5	57
5	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
6	Comparative Performance of Twelve Metaheuristics for Wind Farm Layout Optimisation. Archives of Computational Methods in Engineering, 2022, 29, 717-730.	6.0	42
7	A novel self-adaptive hybrid multi-objective meta-heuristic for reliability design of trusses with simultaneous topology, shape and sizing optimisation design variables. Structural and Multidisciplinary Optimization, 2019, 60, 1937-1955.	1.7	33
8	Simultaneous topology, shape, and size optimization of trusses, taking account of uncertainties using multi-objective evolutionary algorithms. Engineering With Computers, 2019, 35, 721-740.	3.5	30
9	A new hybrid artificial hummingbird-simulated annealing algorithm to solve constrained mechanical engineering problems. Materialpruefung/Materials Testing, 2022, 64, 1043-1050.	0.8	29
10	Automated design of aircraft fuselage stiffeners using multiobjective evolutionary optimisation. International Journal of Vehicle Design, 2019, 80, 162.	0.1	28
11	Comparison of recent algorithms for many-objective optimisation of an automotive floor-frame. International Journal of Vehicle Design, 2019, 80, 176.	0.1	19
12	Surrogate-Assisted Reliability Optimisation of an Aircraft Wing with Static and Dynamic Aeroelastic Constraints. International Journal of Aeronautical and Space Sciences, 2020, 21, 723-732.	1.0	17
13	Multiobjective meta-heuristic with iterative parameter distribution estimation for aeroelastic design of an aircraft wing. Engineering With Computers, 2022, 38, 695-713.	3.5	14
14	Ground Structures-Based Topology Optimization of a Morphing Wing Using a Metaheuristic Algorithm. Metals, 2021, 11, 1311.	1.0	14
15	Solving Partial Differential Equations Using a New Differential Evolution Algorithm. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	13
16	Hybrid Taguchi-LÃ©vy flight distribution optimization algorithm for solving real-world design optimization problems. Materialpruefung/Materials Testing, 2021, 63, 547-551.	0.8	13
17	A novel hybrid marine predators-Nelder-Mead optimization algorithm for the optimal design of engineering problems. Materialpruefung/Materials Testing, 2021, 63, 453-457.	0.8	11
18	Automated design of aircraft fuselage stiffeners using multiobjective evolutionary optimisation. International Journal of Vehicle Design, 2019, 80, 162.	0.1	10

#	Article	IF	Citations
19	Comparison of recent algorithms for many-objective optimisation of an automotive floor-frame. International Journal of Vehicle Design, 2019, 80, 176.	0.1	8
20	Hybridised differential evolution and equilibrium optimiser with learning parameters for mechanical and aircraft wing design. Knowledge-Based Systems, 2022, 239, 107955.	4.0	7
21	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
22	Differential Evolution Algorithm for Solving a Nonlinear Single Pendulum Problem. Advanced Materials Research, 2014, 931-932, 1129-1133.	0.3	2
23	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
24	Aircraft Control Parameter Estimation Using Self-Adaptive Teaching-Learning-Based Optimization with an Acceptance Probability. Computational Intelligence and Neuroscience, 2021, 2021, 1-12.	1.1	0