

Oguz Emrah Turgut

List of Publications by Year in descending order

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34
papers

522
citations

840776

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34
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Saturated Flow Boiling Correlations for R600a and R717 Refrigerants. <i>Heat Transfer Engineering</i> , 2022, 43, 1579-1609.	1.9	2
2	Whale optimization and sine-cosine optimization algorithms with cellular topology for parameter identification of chaotic systems and Schottky barrier diode models. <i>Soft Computing</i> , 2021, 25, 1365-1409.	3.6	15
3	Solving time-dependent heat conduction problems using metaheuristic algorithms extended with a novel local search strategy. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	0
4	An oppositional Salp Swarm: Jaya algorithm for thermal design optimization of an Organic Rankine Cycle. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	3
5	Artificial Intelligence Approaches to Estimate the Transport Energy Demand in Turkey. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 2443-2476.	3.0	6
6	A New Saturated Two-Phase Flow Boiling Correlation Based on Propane (R290) Data. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 7851.	3.0	1
7	A novel chaotic manta-ray foraging optimization algorithm for thermo-economic design optimization of an air-fin cooler. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	20
8	Global best-guided oppositional algorithm for solving multidimensional optimization problems. <i>Engineering With Computers</i> , 2020, 36, 43-73.	6.1	5
9	Differential evolution based global best algorithm: an efficient optimizer for solving constrained and unconstrained optimization problems. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	1
10	Island-based Crow Search Algorithm for solving optimal control problems. <i>Applied Soft Computing Journal</i> , 2020, 90, 106170.	7.2	29
11	Comparative investigation and multi objective design optimization of a cascaded vapor compression absorption refrigeration system operating with different refrigerants in the vapor compression cycle. <i>Heat and Mass Transfer</i> , 2019, 55, 467-488.	2.1	11
12	Comparative investigation and multi objective design optimization of R744/R717, R744/R134a and R744/R1234yf cascade refrigeration systems. <i>Heat and Mass Transfer</i> , 2019, 55, 445-465.	2.1	12
13	Multi-objective optimization of the basic and single-stage Organic Rankine Cycles utilizing a low-grade heat source. <i>Heat and Mass Transfer</i> , 2019, 55, 353-374.	2.1	11
14	A novel Master-Slave optimization algorithm for generating an optimal release policy in case of reservoir operation. <i>Journal of Hydrology</i> , 2019, 577, 123959.	5.4	19
15	Multi-Agent Metaheuristic Framework for Thermal Design Optimization of a Shell and Tube Evaporator Operated with R134a/Al ₂ O ₃ Nanorefrigerant. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 777-801.	3.0	2
16	Ensemble Shuffled Population Algorithm for multi-objective thermal design optimization of a plate frame heat exchanger operated with Al ₂ O ₃ /water nanofluid. <i>Applied Soft Computing Journal</i> , 2018, 69, 250-269.	7.2	8
17	Crow Search based Multi-objective Optimization of Irreversible Air Refrigerators. <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 2018, 2, 103-112.	1.5	2
18	Multi objective design optimization of plate fin heat sinks using improved differential search algorithm. <i>International Journal of Intelligent Systems and Applications in Engineering</i> , 2018, 1, 1-13.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Improved Artificial Cooperative Search Algorithm for Solving Non-convex Economic Dispatch Problems with Valve-point Effects. International Journal of Intelligent Systems and Applications in Engineering, 2018, 3, 228-241.	1.5	1
20	Thermal design of spiral heat exchangers and heat pipes through global best algorithm. Heat and Mass Transfer, 2017, 53, 899-916.	2.1	25
21	Thermal and Economical Optimization of a Shell and Tube Evaporator Using Hybrid Backtracking Search Sine Cosine Algorithm. Arabian Journal for Science and Engineering, 2017, 42, 2105-2123.	3.0	33
22	Saturated flow boiling heat transfer correlation for carbon dioxide for horizontal smooth tubes. Heat and Mass Transfer, 2017, 53, 2165-2185.	2.1	5
23	Multi-objective thermal design optimization of plate frame heat exchangers through Global Best Algorithm. Bitlis Eren University Journal of Science and Technology, 2017, 7, 33-33.	0.8	1
24	Global Best Algorithm Based Parameter Identification of Solar Cell Models. International Journal of Intelligent Systems and Applications in Engineering, 2017, 4, 189-205.	1.5	1
25	Experimental and numerical investigation on the performance of an internally cooled dehumidifier. Heat and Mass Transfer, 2016, 52, 2707-2722.	2.1	12
26	Saturated Flow Boiling Heat Transfer Correlation for Small Channels Based on R134a Experimental Data. Arabian Journal for Science and Engineering, 2016, 41, 1921-1939.	1.1	5
27	Hybrid Chaotic Quantum behaved Particle Swarm Optimization algorithm for thermal design of plate fin heat exchangers. Applied Mathematical Modelling, 2016, 40, 50-69.	4.2	68
28	Comparison of Flow Boiling Pressure Drop Correlations for Smooth Macrotubes. Heat Transfer Engineering, 2016, 37, 487-506.	1.9	6
29	Optimal proton exchange membrane fuel cell modelling based on hybrid Teaching Learning Based Optimization Differential Evolution algorithm. Ain Shams Engineering Journal, 2016, 7, 347-360.	6.1	85
30	Artificial Cooperative Search algorithm for parameter identification of chaotic systems. Bitlis Eren University Journal of Science and Technology, 2015, 5, .	0.8	4
31	Design and economic investigation of shell and tube heat exchangers using Improved Intelligent Tuned Harmony Search algorithm. Ain Shams Engineering Journal, 2014, 5, 1215-1231.	6.1	34
32	Chaotic quantum behaved particle swarm optimization algorithm for solving nonlinear system of equations. Computers and Mathematics With Applications, 2014, 68, 508-530.	2.7	64
33	A review of non iterative friction factor correlations for the calculation of pressure drop in pipes. Bitlis Eren University Journal of Science and Technology, 2014, 4, .	0.8	21
34	Chaotic quasi-oppositional arithmetic optimization algorithm for thermo-economic design of a shell and tube condenser running with different refrigerant mixture pairs. Neural Computing and Applications, 0, , 1.	5.6	9