

# Akhil Garg

## List of Publications by Year in descending order

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145  
papers

3,556  
citations

126907

33  
h-index

182427

51  
g-index

146  
all docs

146  
docs citations

146  
times ranked

2897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallurgical and mechanical methods for recycling of lithium-ion battery pack for electric vehicles. Resources, Conservation and Recycling, 2018, 136, 198-208.	10.8	184
2	A comprehensive analysis and optimization process for an integrated liquid cooling plate for a prismatic lithium-ion battery module. Applied Thermal Engineering, 2019, 156, 324-339.	6.0	135
3	A surrogate thermal modeling and parametric optimization of battery pack with air cooling for EVs. Applied Thermal Engineering, 2019, 147, 90-100.	6.0	124
4	Comparison of statistical and machine learning methods in modelling of data with multicollinearity. International Journal of Modelling, Identification and Control, 2013, 18, 295.	0.2	91
5	Alternative Maritime Power application as a green port strategy: Barriers in China. Journal of Cleaner Production, 2019, 213, 825-837.	9.3	90
6	Multi-objective design optimization for mini-channel cooling battery thermal management system in an electric vehicle. International Journal of Energy Research, 2019, 43, 3668-3680.	4.5	85
7	An integrated SRM-multi-gene genetic programming approach for prediction of factor of safety of 3-D soil nailed slopes. Engineering Applications of Artificial Intelligence, 2014, 30, 30-40.	8.1	83
8	Experimental and numerical modelling of mechanical properties of 3D printed honeycomb structures. Measurement: Journal of the International Measurement Confederation, 2018, 116, 495-506.	5.0	79
9	A new computational approach for estimation of wilting point for green infrastructure. Measurement: Journal of the International Measurement Confederation, 2017, 111, 351-358.	5.0	76
10	A Review of State of Health Estimation of Energy Storage Systems: Challenges and Possible Solutions for Futuristic Applications of Li-Ion Battery Packs in Electric Vehicles. Journal of Electrochemical Energy Conversion and Storage, 2019, 16, .	2.1	75
11	Design optimization of battery pack enclosure for electric vehicle. Structural and Multidisciplinary Optimization, 2018, 58, 331-347.	3.5	74
12	Deep learning networks for capacity estimation for monitoring <math>SOH</math> of Li-ion batteries for electric vehicles. International Journal of Energy Research, 2021, 45, 3113-3128.	4.5	69
13	A multi-gene genetic programming model for estimating stress-dependent soil water retention curves. Computational Geosciences, 2014, 18, 45-56.	2.4	68
14	Performance evaluation of warping characteristic of fused deposition modelling process. International Journal of Advanced Manufacturing Technology, 2017, 88, 1799-1811.	3.0	58
15	A Comprehensive Approach for the Clustering of Similar-Performance Cells for the Design of a Lithium-Ion Battery Module for Electric Vehicles. Engineering, 2019, 5, 795-802.	6.7	56
16	A review of the estimation and heating methods for lithium-ion batteries pack at the cold environment. Energy Science and Engineering, 2019, 7, 645-662.	4.0	56
17	Robust model design for evaluation of power characteristics of the cleaner energy system. Renewable Energy, 2017, 112, 302-313.	8.9	53
18	Design of robust battery capacity model for electric vehicle by incorporation of uncertainties. International Journal of Energy Research, 2017, 41, 1436-1451.	4.5	52

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19	Design and analysis of capacity models for Lithium-ion battery. Measurement: Journal of the International Measurement Confederation, 2018, 120, 114-120.	5.0	50
20	Evaluation of genetic programming-based models for simulating bead dimensions in wire and arc additive manufacturing. Journal of Intelligent Manufacturing, 2019, 30, 809-820.	7.3	50
21	An application of evolutionary system identification algorithm in modelling of energy production system. Measurement: Journal of the International Measurement Confederation, 2018, 114, 122-131.	5.0	48
22	A probability and integrated learning based classification algorithm for high-level human emotion recognition problems. Measurement: Journal of the International Measurement Confederation, 2020, 150, 107049.	5.0	48
23	A Thermal Investigation and Optimization of an Air-Cooled Lithium-Ion Battery Pack. Energies, 2020, 13, 2956.	3.1	44
24	An empirical model design for evaluation and estimation of carbonation depth in concrete. Measurement: Journal of the International Measurement Confederation, 2018, 124, 205-210.	5.0	43
25	Review of materials used in laser-aided additive manufacturing processes to produce metallic products. Frontiers of Mechanical Engineering, 2019, 14, 282-298.	4.3	42
26	Recent Advancements in Battery Management System for Li-Ion Batteries of Electric Vehicles: Future Role of Digital Twin, Cyber-Physical Systems, Battery Swapping Technology, and Nondestructive Testing. Energy Technology, 2021, 9, 2000984.	3.8	42
27	Multi-objective design optimization of battery thermal management system for electric vehicles. Applied Thermal Engineering, 2021, 196, 117235.	6.0	42
28	Predicting the mechanical characteristics of hydrogen functionalized graphene sheets using artificial neural network approach. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	38
29	Development of recycling strategy for large stacked systems: Experimental and machine learning approach to form reuse battery packs for secondary applications. Journal of Cleaner Production, 2020, 275, 124152.	9.3	38
30	A Computational Intelligence-Based Genetic Programming Approach for the Simulation of Soil Water Retention Curves. Transport in Porous Media, 2014, 103, 497-513.	2.6	37
31	An evolutionary framework in modelling of multi-output characteristics of the bone drilling process. Neural Computing and Applications, 2018, 29, 1233-1241.	5.6	36
32	Review of empirical modelling techniques for modelling of turning process. International Journal of Modelling, Identification and Control, 2013, 20, 121.	0.2	35
33	Study of effect of nanofluid concentration on response characteristics of machining process for cleaner production. Journal of Cleaner Production, 2016, 135, 476-489.	9.3	35
34	An Ensemble Approach of Machine Learning in Evaluation of Mechanical Property of the Rapid Prototyping Fabricated Prototype. Applied Mechanics and Materials, 0, 575, 493-496.	0.2	33
35	Electrochemical performance investigation of LiFePO <sub>4</sub> /C <sub>0.15-x</sub> (x=0.05, 0.1, 0.15 CNTs) electrodes at various calcination temperatures: Experimental and Intelligent Modelling approach. Electrochimica Acta, 2020, 330, 135314.	5.2	33
36	Characterization of the tensile properties of friction stir welded aluminum alloy joints based on axial force, traverse speed, and rotational speed. Frontiers of Mechanical Engineering, 2016, 11, 289-298.	4.3	31

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37	Intelligent optimization methodology of battery pack for electric vehicles: A multidisciplinary perspective. International Journal of Energy Research, 2020, 44, 9686-9706.	4.5	31
38	Empirical investigation of environmental characteristic of 3-D additive manufacturing process based on slice thickness and part orientation. Measurement: Journal of the International Measurement Confederation, 2016, 86, 293-300.	5.0	30
39	A novel approach in modelling of concrete made with recycled aggregates. Measurement: Journal of the International Measurement Confederation, 2018, 115, 64-72.	5.0	30
40	Optimization for Liquid Cooling Cylindrical Battery Thermal Management System Based on Gaussian Process Model. Journal of Thermal Science and Engineering Applications, 2021, 13, .	1.5	30
41	Study of the volumetric water content based on density, suction and initial water content. Measurement: Journal of the International Measurement Confederation, 2016, 94, 531-537.	5.0	28
42	A coupled electrochemical-mechanical performance evaluation for safety design of lithium-ion batteries in electric vehicles: An integrated cell and system level approach. Journal of Cleaner Production, 2019, 222, 633-645.	9.3	28
43	Battery pack recycling challenges for the year 2030: Recommended solutions based on intelligent robotics for safe and efficient disassembly, residual energy detection, and secondary utilization. Energy Storage, 2021, 3, e190.	4.3	28
44	Estimation of factor of safety of rooted slope using an evolutionary approach. Ecological Engineering, 2014, 64, 314-324.	3.6	27
45	Investigation of the joint length of weldment of environmental-friendly magnetic pulse welding process. International Journal of Advanced Manufacturing Technology, 2016, 87, 2415-2426.	3.0	27
46	Sensor-Assisted Weighted Average Ensemble Model for Detecting Major Depressive Disorder. Sensors, 2019, 19, 4822.	3.8	27
47	Temperature Distribution Optimization of an Air-Cooling Lithium-Ion Battery Pack in Electric Vehicles Based on the Response Surface Method. Journal of Electrochemical Energy Conversion and Storage, 2019, 16, .	2.1	25
48	Multidisciplinary robust design optimization considering parameter and metamodeling uncertainties. Engineering With Computers, 2022, 38, 191-208.	6.1	25
49	Surrogate model-based heat dissipation optimization of air-cooling battery packs involving herringbone fins. International Journal of Energy Research, 2021, 45, 8508-8523.	4.5	25
50	An adaptive boosting charging strategy optimization based on thermoelectric-aging model, surrogates and multi-objective optimization. Applied Energy, 2022, 312, 118795.	10.1	25
51	Framework based on number of basis functions complexity measure in investigation of the power characteristics of direct methanol fuel cell. Chemometrics and Intelligent Laboratory Systems, 2016, 155, 7-18.	3.5	24
52	Genetic programming for soil-fiber composite assessment. Advances in Engineering Software, 2018, 122, 50-61.	3.8	24
53	An experimental investigation for a hybrid <sc>phase change material</sc> - liquid cooling strategy to achieve high-temperature uniformity of Li-ion battery module under fast charging. International Journal of Energy Research, 2021, 45, 6198-6212.	4.5	24
54	Fracture mechanics modelling of lithium-ion batteries under pinch torsion test. Measurement: Journal of the International Measurement Confederation, 2018, 114, 382-389.	5.0	23

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55	Lithium-Ion Battery Packs Formation With Improved Electrochemical Performance for Electric Vehicles: Experimental and Clustering Analysis. Journal of Electrochemical Energy Conversion and Storage, 2019, 16, .	2.1	23
56	A New Approach to Solve Uncertain Multidisciplinary Design Optimization Based on Conditional Value at Risk. IEEE Transactions on Automation Science and Engineering, 2021, 18, 356-368.	5.2	23
57	Compressive strength analysis of soil reinforced with fiber extracted from water hyacinth. Engineering Computations, 2017, 34, 330-342.	1.4	21
58	An experimental investigation of liquid cooling scheduling for a battery module. International Journal of Energy Research, 2020, 44, 3020-3032.	4.5	21
59	A hybrid disassembly framework for disassembly of electric vehicle batteries. International Journal of Energy Research, 2021, 45, 8073-8082.	4.5	21
60	Evaluation of batteries residual energy for battery pack recycling: Proposition of stack stress-coupled-AI approach. Journal of Energy Storage, 2019, 26, 101001.	8.1	20
61	Multi-objective optimization of lithium-ion battery pack casing for electric vehicles: Key role of materials design and their influence. International Journal of Energy Research, 2020, 44, 9414-9437.	4.5	19
62	Heat Transfer Efficiency Enhancement of Lithium-Ion Battery Packs by Using Novel Design of Herringbone Fins. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	18
63	Experimental- and numerical-based studies for magnetically impelled arc butt welding of T11 chromium alloy tubes. International Journal of Advanced Manufacturing Technology, 2017, 88, 3499-3506.	3.0	17
64	Constructed mathematical model for nanowire electron transfer in microbial fuel cells. Journal of Power Sources, 2018, 402, 483-488.	7.8	17
65	A Comprehensive Flowrate Optimization Design for a Novel Air-Liquid Cooling Coupled Battery Thermal Management System. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	17
66	Evolving Functional Expression of Permeability of Fly Ash by a New Evolutionary Approach. Transport in Porous Media, 2015, 107, 555-571.	2.6	16
67	A simulation-based probabilistic framework for lithium-ion battery modelling. Measurement: Journal of the International Measurement Confederation, 2018, 115, 87-94.	5.0	16
68	Experimental and numerical procedure for studying strength and heat generation responses of ultrasonic welding of polymer blends. Measurement: Journal of the International Measurement Confederation, 2019, 132, 1-10.	5.0	16
69	Aging model development based on multidisciplinary parameters for lithium-ion batteries. International Journal of Energy Research, 2020, 44, 2801-2818.	4.5	16
70	Enhancing interface adaptability of open architecture products. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2017, 28, 545-560.	2.1	15
71	Sludge selection on the performance of sediment microbial fuel cells. International Journal of Energy Research, 2018, 42, 4250-4255.	4.5	15
72	Illustration of experimental, machine learning, and characterization methods for study of performance of Li-ion batteries. International Journal of Energy Research, 2020, 44, 9513-9526.	4.5	15

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73	Design of early warning model based on time series data for production safety. Measurement: Journal of the International Measurement Confederation, 2017, 101, 62-71.	5.0	14
74	Dynamic control of welding current and welding time to investigate ultimate tensile strength of miab welded T11 tubes. Journal of Manufacturing Processes, 2018, 32, 564-581.	5.9	14
75	Electrochemical Performance Enhancement of Sodium-Ion Batteries Fabricated With NaNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> Cathodes Using Support Vector Regression-Simplex Algorithm Approach. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	14
76	Genetic Programming for Modeling Vibratory Finishing Process: Role of Experimental Designs and Fitness Functions. Lecture Notes in Computer Science, 2013, , 23-31.	1.3	13
77	A generic framework for recycling of battery module for electric vehicle by combining the mechanical and chemical procedures. International Journal of Energy Research, 2018, 42, 3390-3399.	4.5	13
78	Robust model for optimization of forming process for metallic bipolar plates of cleaner energy production system. International Journal of Hydrogen Energy, 2018, 43, 341-353.	7.1	13
79	A Novel MOGA approach for power saving strategy and optimization of maximum temperature and maximum pressure for liquid cooling type battery thermal management system. International Journal of Green Energy, 2021, 18, 80-89.	3.8	13
80	Experimental coupled predictive modelling based recycling of waste printed circuit boards for maximum extraction of copper. Journal of Cleaner Production, 2019, 218, 763-771.	9.3	13
81	Measurement of stress dependent permeability of unsaturated clay. Measurement: Journal of the International Measurement Confederation, 2016, 91, 371-376.	5.0	12
82	Experimental and artificial intelligence for determination of stable criteria in cyclic voltammetric process of medicinal herbs for biofuel cells. International Journal of Energy Research, 2019, 43, 5983-5991.	4.5	12
83	Probability distribution pattern analysis and its application in the Acute Hypotensive Episodes prediction. Measurement: Journal of the International Measurement Confederation, 2017, 104, 180-191.	5.0	11
84	Finite Element Based Physical Chemical Modeling of Corrosion in Magnesium Alloys. Metals, 2017, 7, 83.	2.3	11
85	Parameter optimization of polymer electrolyte membrane fuel cell using moment-based uncertainty evaluation technique. Journal of Energy Storage, 2018, 15, 8-16.	8.1	11
86	Experimental Combined Numerical Approach for Evaluation of Battery Capacity Based on the Initial Applied Stress, the Real-Time Stress, Charging Open Circuit Voltage, and Discharging Open Circuit Voltage. Mathematical Problems in Engineering, 2018, 2018, 1-16.	1.1	11
87	Evaluation of battery modules state for electric vehicle using artificial neural network and experimental validation. Energy Science and Engineering, 2018, 6, 397-407.	4.0	11
88	Multivariate optimization for maximum capacity of lead acid battery through Taguchi method. Measurement: Journal of the International Measurement Confederation, 2019, 148, 106904.	5.0	11
89	Crash analysis of lithium-ion batteries using finite element based neural search analytical models. Engineering With Computers, 2019, 35, 115-125.	6.1	11
90	A Novel Python Program to Automate Soil Colour Analysis and Interpret Surface Moisture Content. International Journal of Geosynthetics and Ground Engineering, 2020, 6, 1.	2.0	11

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91	A comprehensive study in quantification of response characteristics of incremental sheet forming process. International Journal of Advanced Manufacturing Technology, 2017, 89, 1353-1365.	3.0	10
92	Maximization of extraction of Cadmium and Zinc during recycling of spent battery mix: An application of combined genetic programming and simulated annealing approach. Journal of Cleaner Production, 2019, 218, 130-140.	9.3	10
93	State-of-charge prediction of lithium ion battery through multivariate adaptive recursive spline and principal component analysis. Energy Storage, 2021, 3, e147.	4.3	10
94	Evolving genetic programming models of higher generalization ability in modelling of turning process. Engineering Computations, 2015, 32, 2216-2234.	1.4	9
95	A new simulation approach of genetic programming in modelling of soil water retention property of unsaturated soil. Engineering Computations, 2015, 32, 914-930.	1.4	9
96	A novel method for determination of a time period for stabilization of power generation of microbial fuel cell with effect of microorganisms. International Journal of Energy Research, 2019, 43, 5834-5840.	4.5	9
97	Precision Manufacturing of NaNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> Cathodes: Study of Structure Evolution and Performance at Varied Calcination Temperatures. Journal of Electronic Materials, 2019, 48, 5301-5309.	2.2	9
98	A combined experimental-numerical framework for residual energy determination in spent lithium-ion battery packs. International Journal of Energy Research, 2019, 43, 4390-4402.	4.5	9
99	An integrated framework for minimization of inter lithium-ion cell temperature differences and the total volume of the cell of battery pack for electric vehicles. Energy Storage, 2019, 1, e41.	4.3	9
100	Destructuration of saturated natural loess: From experiments to constitutive modeling. International Journal of Damage Mechanics, 2021, 30, 575-594.	4.2	9
101	A novel procedure combining computational fluid dynamics and evolutionary approach to minimize parasitic power loss in air cooling of Li-ion battery for thermal management system design. Energy Storage, 2021, 3, e210.	4.3	9
102	Intelligent optimization of bioleaching process for waste lithium-ion batteries: An application of support vector regression approach. International Journal of Energy Research, 2021, 45, 6152-6162.	4.5	9
103	Model reference adaptive controller for enhancing depth of penetration and bead width during Cold Metal Transfer joining process. Robotics and Computer-Integrated Manufacturing, 2018, 53, 122-134.	9.9	8
104	AHE Detection With a Hybrid Intelligence Model in Smart Healthcare. IEEE Access, 2019, 7, 37360-37370.	4.2	8
105	A comparative study of pre-screening strategies within a surrogate-assisted multi-objective algorithm framework for computationally expensive problems. Neural Computing and Applications, 2021, 33, 4387-4416.	5.6	8
106	A Hybrid Convolutional Neural Network-Long Short Term Memory for Discharge Capacity Estimation of Lithium-Ion Batteries. Journal of Electrochemical Energy Conversion and Storage, 2022, 19, .	2.1	8
107	A Novel Approach for Enhancing Thermal Performance of Battery Modules Based on Finite Element Modeling and Predictive Modeling Mechanism. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	8
108	Experimental and optimization of material synthesis process parameters for improving capacity of lithium-ion battery. International Journal of Energy Research, 2018, 42, 3400-3409.	4.5	7



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109	Thermal performance of thin film heat gauges of gold, silver and nano-composite. Applied Thermal Engineering, 2019, 147, 545-550.	6.0	7
110	Flow shear stress applied in self-buffered microbial fuel cells. Process Biochemistry, 2020, 99, 324-330.	3.7	7
111	Machine learning approach in exploring the electrolyte additives effect on cycling performance of LiNi <sub>0</sub> Mn <sub>1</sub> O <sub>4</sub> cathode and graphite anode based lithium ion cell. International Journal of Energy Research, 2021, 45, 4133-4144.	4.5	7
112	Application of digital twins to the product lifecycle management of battery packs of electric vehicles. IET Collaborative Intelligent Manufacturing, 2021, 3, 356-366.	3.3	7
113	Estimation of Pore Water Pressure of Soil Using Genetic Programming. Geotechnical and Geological Engineering, 2014, 32, 765-772.	1.7	6
114	Thermo-mechanical modeling of metallic alloys for nuclear engineering applications. Measurement: Journal of the International Measurement Confederation, 2017, 97, 242-250.	5.0	6
115	A Coupled Mechanical–Electrochemical Study of Li-Ion Battery Based on Genetic Programming and Experimental Validation. Journal of Electrochemical Energy Conversion and Storage, 2019, 16, .	2.1	6
116	A Framework of Optimal Design of Thermal Management System for Lithium-Ion Battery Pack Using Multi-Objectives Optimization. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	6
117	Thermal management system design for batteries packs of electric vehicles: A survey. , 2017, , .		5
118	A hybrid method for overlapping speech detection in classroom environment. Computer Applications in Engineering Education, 2018, 26, 171-180.	3.4	5
119	Machine learning approach for solving inconsistency problems of Li-ion batteries during the manufacturing stage. International Journal of Energy Research, 2020, 44, 9194-9204.	4.5	5
120	An Effective Deep Neural Network Method for Prediction of Battery State at Cell and Module Level. Energy Technology, 2021, 9, 2100048.	3.8	5
121	A novel evolutionary approach in modeling wear depth of laser engineering titanium coatings. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2016, 230, 1066-1075.	2.4	4
122	A novel comprehensive procedure for determination of optimum operating conditions for cleaner energy production system. International Journal of Energy Research, 2018, 42, 3339-3350.	4.5	4
123	Evolutionary framework design in formulation of decision support models for production emissions and net profit of firm: Implications on environmental concerns of supply chains. Journal of Cleaner Production, 2019, 231, 1136-1148.	9.3	4
124	A coupled and interactive influence of operational parameters for optimizing power output of cleaner energy production systems under uncertain conditions. International Journal of Energy Research, 2019, 43, 1294-1302.	4.5	4
125	Qualitative framework based on intelligent robotics for safe and efficient disassembly of battery modules for recycling purposes. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012159.	0.3	4
126	A framework based on big data for intelligent monitoring of battery packs. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012158.	0.3	4



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127	Measurement and Prediction of Decomposed Energy Efficiencies of Lithium Ion Batteries With Two Charge Models. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	4
128	Model development and surface analysis of a bio-chemical process. Chemometrics and Intelligent Laboratory Systems, 2016, 157, 133-139.	3.5	3
129	An Application of Genetic programming for Lithium-ion Battery Pack Enclosure Design: Modelling of Mass, Minimum Natural Frequency and Maximum Deformation Case. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012065.	0.3	3
130	Framework of model selection criteria approximated genetic programming for optimization function for renewable energy systems. Swarm and Evolutionary Computation, 2020, 59, 100750.	8.1	3
131	Multidisciplinary optimal design of prismatic lithium-ion battery with an improved thermal management system for electric vehicles. Energy Storage, 2021, 3, e217.	4.3	3
132	Single point diagnosis of short circuit abuse condition in lithium-ion battery through impedance data. International Journal of Energy Research, 2021, 45, 18212-18221.	4.5	3
133	An Improved Multi-Gene Genetic Programming Approach for the Evolution of Generalized Model in Modelling of Rapid Prototyping Process. Lecture Notes in Computer Science, 2014, , 218-226.	1.3	3
134	Heat transfer augmentation of lithium-ion battery packs by incorporating an interrupted fin arrangement. International Journal of Energy Research, 2022, 46, 14371-14395.	4.5	3
135	An ensemble evolutionary approach in evaluation of surface finish reduction of vibratory finishing process. Engineering Computations, 2015, 32, 1214-1229.	1.4	2
136	Managing Information Uncertainty in Wave Height Modeling for the Offshore Structural Analysis through Random Set. Complexity, 2017, 2017, 1-13.	1.6	2
137	Computation of safety design indexes of industry vehicle operators based on the reach angle, the distance from elbow to ground and the popliteal height. International Journal of Industrial Ergonomics, 2019, 71, 155-164.	2.6	2
138	Hybrid Strategy of Multiple Optimization Algorithms Applied to 3-D Terrain Node Coverage of Wireless Sensor Network. Wireless Communications and Mobile Computing, 2021, 2021, 1-21.	1.2	2
139	A New Variant of Genetic Programming in Formulation of Laser Energy Consumption Model of 3D Printing Process. Environmental Footprints and Eco-design of Products and Processes, 2016, , 31-50.	1.1	2
140	Numerical Investigation of Flexural Properties of Curved Layer FDM Parts. Advances in Intelligent Systems and Computing, 2019, , 255-263.	0.6	2
141	High-voltage performance of $P_{2-x}Na_xMnO_5$ $Co_0$ $Co_5$ $O_2$ layered cathode material. International Journal of Energy Research, 2022, 46, 5119-5133.	4.5	2
142	A multi-gene genetic programming model for estimating stress-dependent soil water retention curves. , 2014, 18, 45.		1
143	Sequence-in-Sequence Learning for SOH Estimation of Lithium-Ion Battery. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	1
144	Estimation of bounded faults using sliding mode observers. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
145	Guest editorial for the special issue on Renewable Energy and Energy Storage Systems. Energy Storage, 2020, 2, e161.	4.3	0