Akhil Garg

List of Publications by Year
in descending order

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	Multidisciplinary robust design optimization considering parameter and metamodeling uncertainties. Engineering With Computers, 2022, 38, 191-208.	6.1	25
2	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
3	An adaptive boosting charging strategy optimization based on thermoelectric-aging model, surrogates and multi-objective optimization. Applied Energy, 2022, 312, 118795.	10.1	25
4	High‐voltage performance of P2‐Na$_x$Mn$_0$$_.$$_5Co_0$$_.$$_5O_2$ layered cathode material. International Journal of Energy Research, 2022, 46, 5119-5133.	4.5	2
5	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
6	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
7	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
8	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
9	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
10	Destructuration of saturated natural loess: From experiments to constitutive modeling. International Journal of Damage Mechanics, 2021, 30, 575-594.	4.2	9
11	Deep learning networks for capacity estimation for monitoring SOH of Li‐ion batteries for electric vehicles. International Journal of Energy Research, 2021, 45, 3113-3128.	4.5	69
12	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
13	Machine learning approach in exploring the electrolyte additives effect on cycling performance of LiNi$_0$$_.$$_5Mn_1$$_.$$_5O_4$ cathode and graphite anode‐based lithium‐ion cell. International Journal of Energy Research, 2021, 45, 4133-4144.	4.5	7
14	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
15	An experimental investigation for a hybrid phase change material ‐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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	An Effective Deep Neural Network Method for Prediction of Battery State at Cell and Module Level. Energy Technology, 2021, 9, 2100048.	3.8	5
21	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
22	Single point diagnosis of short circuit abuse condition in lithiumâ€ion battery through impedance data. International Journal of Energy Research, 2021, 45, 18212-18221.	4.5	3
23	Recent Advancements in Battery Management System for Liâ€ion Batteries of Electric Vehicles: Future Role of Digital Twin, Cyberâ€Physical Systems, Battery Swapping Technology, and Nondestructive Testing. Energy Technology, 2021, 9, 2000984.	3.8	42
24	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
25	Multi-objective design optimization of battery thermal management system for electric vehicles. Applied Thermal Engineering, 2021, 196, 117235.	6.0	42
26	A hybrid disassembly framework for disassembly of electric vehicle batteries. International Journal of Energy Research, 2021, 45, 8073-8082.	4.5	21
27	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
28	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
29	A Comprehensive Flowrate Optimization Design for a Novel Airâ€"Liquid Cooling Coupled Battery Thermal Management System. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	17
30	Sequence-in-Sequence Learning for SOH Estimation of Lithium-Ion Battery. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	1
31	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
32	Multiâ€objective optimization of lithiumâ€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
33	Aging model development based on multidisciplinary parameters for lithiumâ€ion batteries. International Journal of Energy Research, 2020, 44, 2801-2818.	4.5	16
34	Electrochemical performance investigation of LiFePO4/C0.15-x (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
35	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
36	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

#	Article	IF	Citations
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	Guest editorial for the special issue on Renewable Energy and Energy Storage Systems. Energy Storage, 2020, 2, e161.	4.3	0
39	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
40	Flow shear stress applied in self-buffered microbial fuel cells. Process Biochemistry, 2020, 99, 324-330.	3.7	7
41	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
42	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
43	A Thermal Investigation and Optimization of an Air-Cooled Lithium-Ion Battery Pack. Energies, 2020, 13, 2956.	3.1	44
44	Machine learning approach for solving inconsistency problems of Liâ€ion batteries during the manufacturing stage. International Journal of Energy Research, 2020, 44, 9194-9204.	4.5	5
45	Illustration of experimental, machine learning, and characterization methods for study of performance of Liâ€ion batteries. International Journal of Energy Research, 2020, 44, 9513-9526.	4.5	15
46	An experimental investigation of liquid cooling scheduling for a battery module. International Journal of Energy Research, 2020, 44, 3020-3032.	4.5	21
47	Electrochemical Performance Enhancement of Sodium-Ion Batteries Fabricated With $NaNi_{1/3}Mn_{1/3}Co_{1/3}O_2$ Cathodes Using Support Vector Regression-Simplex Algorithm Approach. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	14
48	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
49	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
50	A Coupled Mechanicalâ€"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
51	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
52	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
53	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
54	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

#	Article	IF	Citations
55	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
56	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
57	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
58	Precision Manufacturing of NaNi1/3Mn1/3Co1/3O2 Cathodes: Study of Structure Evolution and Performance at Varied Calcination Temperatures. Journal of Electronic Materials, 2019, 48, 5301-5309.	2.2	9
59	A combined experimentalâ€numerical framework for residual energy determination in spent lithiumâ€ion battery packs. International Journal of Energy Research, 2019, 43, 4390-4402.	4.5	9
60	A review of the estimation and heating methods for lithiumâ€ion batteries pack at the cold environment. Energy Science and Engineering, 2019, 7, 645-662.	4.0	56
61	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
62	AHE Detection With a Hybrid Intelligence Model in Smart Healthcare. IEEE Access, 2019, 7, 37360-37370.	4.2	8
63	Multiâ€objective design optimization for miniâ€channel cooling battery thermal management system in an electric vehicle. International Journal of Energy Research, 2019, 43, 3668-3680.	4.5	85
64	An integrated framework for minimization of inter lithiumâ€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
65	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
66	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
67	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
68	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
69	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
70	Sensor-Assisted Weighted Average Ensemble Model for Detecting Major Depressive Disorder. Sensors, 2019, 19, 4822.	3.8	27
71	Alternative Maritime Power application as a green port strategy: Barriers in China. Journal of Cleaner Production, 2019, 213, 825-837.	9.3	90
72	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

#	Article	IF	Citations
73	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
74	Thermal performance of thin film heat gauges of gold, silver and nano-composite. Applied Thermal Engineering, 2019, 147, 545-550.	6.0	7
75	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
76	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
77	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
78	Crash analysis of lithium-ion batteries using finite element based neural search analytical models. Engineering With Computers, 2019, 35, 115-125.	6.1	11
79	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
80	Numerical Investigation of Flexural Properties of Curved Layer FDM Parts. Advances in Intelligent Systems and Computing, 2019, , 255-263.	0.6	2
81	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
82	Design and analysis of capacity models for Lithium-ion battery. Measurement: Journal of the International Measurement Confederation, 2018, 120, 114-120.	5.0	50
83	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
84	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
85	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
86	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
87	Design optimization of battery pack enclosure for electric vehicle. Structural and Multidisciplinary Optimization, 2018, 58, 331-347.	3.5	74
88	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
89	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
90	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

#	Article	IF	Citations
91	Genetic programming for soil-fiber composite assessment. Advances in Engineering Software, 2018, 122, 50-61.	3.8	24
92	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
93	A hybrid method for overlapping speech detection in classroom environment. Computer Applications in Engineering Education, 2018, 26, 171-180.	3.4	5
94	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
95	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
96	A simulation-based probabilistic framework for lithium-ion battery modelling. Measurement: Journal of the International Measurement Confederation, 2018, 115, 87-94.	5.0	16
97	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
98	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
99	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
100	Estimation of bounded faults using sliding mode observers. , 2018, , .		0
101	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
102	Constructed mathematical model for nanowire electron transfer in microbial fuel cells. Journal of Power Sources, 2018, 402, 483-488.	7.8	17
103	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
104	Sludge selection on the performance of sediment microbial fuel cells. International Journal of Energy Research, 2018, 42, 4250-4255.	4.5	15
105	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
106	Performance evaluation of warping characteristic of fused deposition modelling process. International Journal of Advanced Manufacturing Technology, 2017, 88, 1799-1811.	3.0	58
107	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
108	Compressive strength analysis of soil reinforced with fiber extracted from water hyacinth. Engineering Computations, 2017, 34, 330-342.	1.4	21

#	Article	IF	Citations
109	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
110	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
111	Enhancing interface adaptablity of open architecture products. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2017, 28, 545-560.	2.1	15
112	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
113	Robust model design for evaluation of power characteristics of the cleaner energy system. Renewable Energy, 2017, 112, 302-313.	8.9	53
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 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
116	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
117	Thermal management system design for batteries packs of electric vehicles: A survey. , 2017, , .		5
118	Finite Element Based Physical Chemical Modeling of Corrosion in Magnesium Alloys. Metals, 2017, 7, 83.	2.3	11
119	Managing Information Uncertainty in Wave Height Modeling for the Offshore Structural Analysis through Random Set. Complexity, 2017, 2017, 1-13.	1.6	2
120	Measurement of stress dependent permeability of unsaturated clay. Measurement: Journal of the International Measurement Confederation, 2016, 91, 371-376.	5.0	12
121	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
122	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
123	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
124	Model development and surface analysis of a bio-chemical process. Chemometrics and Intelligent Laboratory Systems, 2016, 157, 133-139.	3.5	3
125	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
126	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

#	Article	IF	Citations
127	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
128	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
129	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
130	An ensemble evolutionary approach in evaluation of surface finish reduction of vibratory finishing process. Engineering Computations, 2015, 32, 1214-1229.	1.4	2
131	Evolving genetic programming models of higher generalization ability in modelling of turning process. Engineering Computations, 2015, 32, 2216-2234.	1.4	9
132	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
133	Evolving Functional Expression of Permeability of Fly Ash by a New Evolutionary Approach. Transport in Porous Media, 2015, 107, 555-571.	2.6	16
134	A multi-gene genetic programming model for estimating stress-dependent soil water retention curves. Computational Geosciences, 2014, 18, 45-56.	2.4	68
135	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
136	Estimation of factor of safety of rooted slope using an evolutionary approach. Ecological Engineering, 2014, 64, 314-324.	3.6	27
137	Estimation of Pore Water Pressure of Soil Using Genetic Programming. Geotechnical and Geological Engineering, 2014, 32, 765-772.	1.7	6
138	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
139	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
140	A multi-gene genetic programming model for estimating stress-dependent soil water retention curves. , 2014, 18, 45.		1
141	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
142	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
143	Review of empirical modelling techniques for modelling of turning process. International Journal of Modelling, Identification and Control, 2013, 20, 121.	0.2	35
144	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

#	Article	IF	Citations
145	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