

# Chuan Li

## List of Publications by Citations

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**Version:** 2024-04-28

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170  
papers

6,024  
citations

45  
h-index

71  
g-index

188  
ext. papers

7,707  
ext. citations

5.2  
avg, IF

6.61  
L-index

#	Paper	IF	Citations
170	A review on data-driven fault severity assessment in rolling bearings. <i>Mechanical Systems and Signal Processing</i> , <b>2018</b> , 99, 169-196	7.8	294
169	Gearbox fault diagnosis based on deep random forest fusion of acoustic and vibratory signals. <i>Mechanical Systems and Signal Processing</i> , <b>2016</b> , 76-77, 283-293	7.8	242
168	Multimodal deep support vector classification with homologous features and its application to gearbox fault diagnosis. <i>Neurocomputing</i> , <b>2015</b> , 168, 119-127	5.4	202
167	Time-frequency signal analysis for gearbox fault diagnosis using a generalized synchrosqueezing transform. <i>Mechanical Systems and Signal Processing</i> , <b>2012</b> , 26, 205-217	7.8	168
166	Air pollutants concentrations forecasting using back propagation neural network based on wavelet decomposition with meteorological conditions. <i>Atmospheric Pollution Research</i> , <b>2016</b> , 7, 557-566	4.5	157
165	Fault diagnosis in spur gears based on genetic algorithm and random forest. <i>Mechanical Systems and Signal Processing</i> , <b>2016</b> , 70-71, 87-103	7.8	157
164	Gearbox Fault Identification and Classification with Convolutional Neural Networks. <i>Shock and Vibration</i> , <b>2015</b> , 2015, 1-10	1.1	152
163	Forecasting the natural gas demand in China using a self-adapting intelligent grey model. <i>Energy</i> , <b>2016</b> , 112, 810-825	7.9	137
162	Deep neural networks-based rolling bearing fault diagnosis. <i>Microelectronics Reliability</i> , <b>2017</b> , 75, 327-333	3.2	135
161	State-of-charge estimation of lithium-ion batteries based on gated recurrent neural network. <i>Energy</i> , <b>2019</b> , 175, 66-75	7.9	130
160	Fault Diagnosis for Rotating Machinery Using Vibration Measurement Deep Statistical Feature Learning. <i>Sensors</i> , <b>2016</b> , 16,	3.8	130
159	Daily reservoir inflow forecasting using multiscale deep feature learning with hybrid models. <i>Journal of Hydrology</i> , <b>2016</b> , 532, 193-206	6	119
158	Strain superlattices and macroscale suspension of graphene induced by corrugated substrates. <i>Nano Letters</i> , <b>2014</b> , 14, 5044-51	11.5	107
157	Li-Ion Battery Fire Hazards and Safety Strategies. <i>Energies</i> , <b>2018</b> , 11, 2191	3.1	106
156	Improved multi-variable grey forecasting model with a dynamic background-value coefficient and its application. <i>Computers and Industrial Engineering</i> , <b>2018</b> , 118, 278-290	6.4	99
155	A systematic review of deep transfer learning for machinery fault diagnosis. <i>Neurocomputing</i> , <b>2020</b> , 407, 121-135	5.4	94
154	Rolling element bearing defect detection using the generalized synchrosqueezing transform guided by time-frequency ridge enhancement. <i>ISA Transactions</i> , <b>2016</b> , 60, 274-284	5.5	90

153	Criterion fusion for spectral segmentation and its application to optimal demodulation of bearing vibration signals. <i>Mechanical Systems and Signal Processing</i> , <b>2015</b> , 64-65, 132-148	7.8	84
152	An ensemble long short-term memory neural network for hourly PM concentration forecasting. <i>Chemosphere</i> , <b>2019</b> , 222, 286-294	8.4	82
151	Thermal energy charging behaviour of a heat exchange device with a zigzag plate configuration containing multi-phase-change-materials (m-PCMs). <i>Applied Energy</i> , <b>2015</b> , 142, 328-336	10.7	81
150	Superconducting proximity effect in long superconductor/graphene/superconductor junctions: From specular Andreev reflection at zero field to the quantum Hall regime. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	78
149	Evolving Deep Echo State Networks for Intelligent Fault Diagnosis. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 4928-4937	11.9	78
148	Improving forecasting accuracy of daily enterprise electricity consumption using a random forest based on ensemble empirical mode decomposition. <i>Energy</i> , <b>2018</b> , 165, 1220-1227	7.9	75
147	Extracting repetitive transients for rotating machinery diagnosis using multiscale clustered grey infogram. <i>Mechanical Systems and Signal Processing</i> , <b>2016</b> , 76-77, 157-173	7.8	74
146	Continuous-scale mathematical morphology-based optimal scale band demodulation of impulsive feature for bearing defect diagnosis. <i>Journal of Sound and Vibration</i> , <b>2012</b> , 331, 5864-5879	3.9	74
145	Attribute clustering using rough set theory for feature selection in fault severity classification of rotating machinery. <i>Expert Systems With Applications</i> , <b>2017</b> , 71, 69-86	7.8	72
144	Thermodynamic study on the effect of cold and heat recovery on performance of liquid air energy storage. <i>Applied Energy</i> , <b>2018</b> , 221, 86-99	10.7	71
143	Hourly PM2.5 concentration forecast using stacked autoencoder model with emphasis on seasonality. <i>Journal of Cleaner Production</i> , <b>2019</b> , 224, 739-750	10.3	59
142	Flexible integration of liquid air energy storage with liquefied natural gas regasification for power generation enhancement. <i>Applied Energy</i> , <b>2019</b> , 251, 113355	10.7	58
141	A multi-scale relevance vector regression approach for daily urban water demand forecasting. <i>Journal of Hydrology</i> , <b>2014</b> , 517, 236-245	6	58
140	Multi-Stage Feature Selection by Using Genetic Algorithms for Fault Diagnosis in Gearboxes Based on Vibration Signal. <i>Sensors</i> , <b>2015</b> , 15, 23903-26	3.8	58
139	A Systematic Review of Fuzzy Formalisms for Bearing Fault Diagnosis. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1362-1382	8.3	58
138	A multi-pattern deep fusion model for short-term bus passenger flow forecasting. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 58, 669-680	7.5	57
137	Development of an optimization method for the GM(1,N) model. <i>Engineering Applications of Artificial Intelligence</i> , <b>2016</b> , 55, 353-362	7.2	57
136	A comparison of fuzzy clustering algorithms for bearing fault diagnosis. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2018</b> , 34, 3565-3580	1.6	57

135	A review of performance investigation and enhancement of shell and tube thermal energy storage device containing molten salt based phase change materials for medium and high temperature applications. <i>Applied Energy</i> , <b>2019</b> , 255, 113806	10.7	55
134	Liquid air energy storage flexibly coupled with LNG regasification for improving air liquefaction. <i>Applied Energy</i> , <b>2019</b> , 250, 1190-1201	10.7	55
133	A comparison of dimension reduction techniques for support vector machine modeling of multi-parameter manufacturing quality prediction. <i>Journal of Intelligent Manufacturing</i> , <b>2019</b> , 30, 2245-2256	6.7	55
132	A hybrid multi-objective genetic local search algorithm for the prize-collecting vehicle routing problem. <i>Information Sciences</i> , <b>2019</b> , 478, 40-61	7.7	53
131	Daily natural gas consumption forecasting based on a structure-calibrated support vector regression approach. <i>Energy and Buildings</i> , <b>2016</b> , 127, 571-579	7	52
130	4-periodic Andreev bound states in a Dirac semimetal. <i>Nature Materials</i> , <b>2018</b> , 17, 875-880	27	52
129	Bearing fault diagnosis under unknown variable speed via gear noise cancellation and rotational order sideband identification. <i>Mechanical Systems and Signal Processing</i> , <b>2015</b> , 62-63, 30-53	7.8	51
128	Thermal energy storage: Challenges and the role of particle technology. <i>Particuology</i> , <b>2014</b> , 15, 2-8	2.8	51
127	Automatic feature extraction of time-series applied to fault severity assessment of helical gearbox in stationary and non-stationary speed operation. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 58, 53-64	7.5	47
126	Bayesian approach and time series dimensionality reduction to LSTM-based model-building for fault diagnosis of a reciprocating compressor. <i>Neurocomputing</i> , <b>2020</b> , 380, 51-66	5.4	46
125	Hierarchical feature selection based on relative dependency for gear fault diagnosis. <i>Applied Intelligence</i> , <b>2016</b> , 44, 687-703	4.9	44
124	A novel multi-variable grey forecasting model and its application in forecasting the amount of motor vehicles in Beijing. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 101, 479-489	6.4	42
123	Active cooling based battery thermal management using composite phase change materials. <i>Energy Procedia</i> , <b>2019</b> , 158, 4933-4940	2.3	41
122	Observer-biased bearing condition monitoring: From fault detection to multi-fault classification. <i>Engineering Applications of Artificial Intelligence</i> , <b>2016</b> , 50, 287-301	7.2	41
121	Attitude data-based deep hybrid learning architecture for intelligent fault diagnosis of multi-joint industrial robots. <i>Journal of Manufacturing Systems</i> , <b>2020</b> ,	9.1	41
120	A statistical comparison of neuroclassifiers and feature selection methods for gearbox fault diagnosis under realistic conditions. <i>Neurocomputing</i> , <b>2016</b> , 194, 192-206	5.4	39
119	Integration of shock absorption and energy harvesting using a hydraulic rectifier. <i>Journal of Sound and Vibration</i> , <b>2014</b> , 333, 3904-3916	3.9	38
118	Analysis of Manufacturing-Induced Defects and Structural Deformations in Lithium-Ion Batteries Using Computed Tomography. <i>Energies</i> , <b>2018</b> , 11, 925	3.1	36

117	Comparative study of the transient natural convection in an underground water pit thermal storage. <i>Applied Energy</i> , <b>2017</b> , 208, 1162-1173	10.7	35
116	. <i>IEEE Access</i> , <b>2019</b> , 7, 70643-70653	3.5	34
115	A Bayesian approach to consequent parameter estimation in probabilistic fuzzy systems and its application to bearing fault classification. <i>Knowledge-Based Systems</i> , <b>2017</b> , 129, 39-60	7.3	33
114	Selective area growth and stencil lithography for in situ fabricated quantum devices. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 825-831	28.7	33
113	4 $\pi$ Periodic Supercurrent from Surface States in Cd <sub>3</sub> As <sub>2</sub> Nanowire-Based Josephson Junctions. <i>Physical Review Letters</i> , <b>2018</b> , 121, 237701	7.4	32
112	Dynamic condition monitoring for 3D printers by using error fusion of multiple sparse auto-encoders. <i>Computers in Industry</i> , <b>2019</b> , 105, 164-176	11.6	31
111	Fault diagnosis of spur gearbox based on random forest and wavelet packet decomposition. <i>Frontiers of Mechanical Engineering</i> , <b>2015</b> , 10, 277-286	3.3	31
110	Deep Feature Learning Architectures for Daily Reservoir Inflow Forecasting. <i>Water Resources Management</i> , <b>2016</b> , 30, 5145-5161	3.7	30
109	Deep Fuzzy Echo State Networks for Machinery Fault Diagnosis. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 1-1	8.3	29
108	Fault Diagnosis of Wind Turbine Gearbox Based on the Optimized LSTM Neural Network with Cosine Loss. <i>Sensors</i> , <b>2020</b> , 20,	3.8	29
107	Dynamic Forecast of Daily Urban Water Consumption Using a Variable-Structure Support Vector Regression Model. <i>Journal of Water Resources Planning and Management - ASCE</i> , <b>2015</b> , 141, 04014058	2.8	29
106	Carbonate salt based composite phase change materials for medium and high temperature thermal energy storage: A microstructural study. <i>Solar Energy Materials and Solar Cells</i> , <b>2019</b> , 196, 25-35	6.4	28
105	MgO based composite phase change materials for thermal energy storage: The effects of MgO particle density and size on microstructural characteristics as well as thermophysical and mechanical properties. <i>Applied Energy</i> , <b>2019</b> , 250, 81-91	10.7	27
104	Superconducting nanowires by electron-beam-induced deposition. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 042601	3.4	26
103	Heat transfer performance of thermal energy storage components containing composite phase change materials. <i>IET Renewable Power Generation</i> , <b>2016</b> , 10, 1515-1522	2.9	26
102	Additive Model for Monthly Reservoir Inflow Forecast. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20, 04014079	1.8	25
101	Enhancement of the wear particle monitoring capability of oil debris sensors using a maximal overlap discrete wavelet transform with optimal decomposition depth. <i>Sensors</i> , <b>2014</b> , 14, 6207-28	3.8	25
100	Vibration suppression using two-terminal flywheel. Part II: application to vehicle passive suspension. <i>JVC/Journal of Vibration and Control</i> , <b>2012</b> , 18, 1353-1365	2	24

99	Fabrication and testing of an energy-harvesting hydraulic damper. <i>Smart Materials and Structures</i> , <b>2013</b> , 22, 065024	3.4	24
98	Heat transfer of composite phase change material modules containing a eutectic carbonate salt for medium and high temperature thermal energy storage applications. <i>Applied Energy</i> , <b>2019</b> , 238, 1074-1083	10.7	22
97	Investigation on the thermal performance of a high temperature packed bed thermal energy storage system containing carbonate salt based composite phase change materials. <i>Applied Energy</i> , <b>2019</b> , 247, 374-388	10.7	22
96	Bulk and surface states carried supercurrent in ballistic Nb-Dirac semimetal Cd <sub>3</sub> As <sub>2</sub> nanowire-Nb junctions. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	22
95	Vibration suppression using two-terminal flywheel. Part I: Modeling and characterization. <i>JVC/Journal of Vibration and Control</i> , <b>2012</b> , 18, 1096-1105	2	22
94	Fuzzy determination of informative frequency band for bearing fault detection. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2016</b> , 30, 3513-3525	1.6	22
93	Weld bead recognition using laser vision with model-based classification. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2018</b> , 52, 9-16	9.2	21
92	A fuzzy transition based approach for fault severity prediction in helical gearboxes. <i>Fuzzy Sets and Systems</i> , <b>2018</b> , 337, 52-73	3.7	21
91	Enhancement of oil debris sensor capability by reliable debris signature extraction via wavelet domain target and interference signal tracking. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2013</b> , 46, 1442-1453	4.6	21
90	Magnetic field resistant quantum interferences in Josephson junctions based on bismuth nanowires. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	21
89	Wettability of eutectic NaLiCO <sub>3</sub> salt on magnesium oxide substrates at 778 K. <i>Applied Surface Science</i> , <b>2018</b> , 442, 148-155	6.7	20
88	Intelligent Fault Diagnosis of Delta 3D Printers Using Attitude Sensors Based on Support Vector Machines. <i>Sensors</i> , <b>2018</b> , 18,	3.8	20
87	Manufacturing Quality Prediction Using Intelligent Learning Approaches: A Comparative Study. <i>Sustainability</i> , <b>2018</b> , 10, 85	3.6	20
86	Design and analysis of a shock absorber with variable moment of inertia for passive vehicle suspensions. <i>Journal of Sound and Vibration</i> , <b>2015</b> , 355, 66-85	3.9	19
85	Deep Hybrid State Network With Feature Reinforcement for Intelligent Fault Diagnosis of Delta 3-D Printers. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 779-789	11.9	19
84	Carbonate salt based composite phase change materials for medium and high temperature thermal energy storage: From component to device level performance through modelling. <i>Renewable Energy</i> , <b>2019</b> , 140, 140-151	8.1	18
83	Diatomite-based porous ceramics with high apparent porosity: Pore structure modification using calcium carbonate. <i>Ceramics International</i> , <b>2019</b> , 45, 6085-6092	5.1	18
82	A novel expander-depending natural gas pressure regulation configuration: Performance analysis. <i>Applied Energy</i> , <b>2018</b> , 220, 21-35	10.7	17

81	Investigation on the effective thermal conductivity of carbonate salt based composite phase change materials for medium and high temperature thermal energy storage. <i>Energy</i> , <b>2019</b> , 176, 728-741	7.9	16
80	Model fusion approach for monthly reservoir inflow forecasting. <i>Journal of Hydroinformatics</i> , <b>2016</b> , 18, 634-650	2.6	16
79	A critique of reliability prediction techniques for avionics applications. <i>Chinese Journal of Aeronautics</i> , <b>2018</b> , 31, 10-20	3.7	16
78	A Form Stable Composite Phase Change Material for Thermal Energy Storage Applications over 700 °C. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 814	2.6	15
77	Water-Quality Prediction Using Multimodal Support Vector Regression: Case Study of Jialing River, China. <i>Journal of Environmental Engineering, ASCE</i> , <b>2017</b> , 143, 04017070	2	15
76	Numerical and experimental study of particle deposition on inner wall of 180° bend. <i>Powder Technology</i> , <b>2013</b> , 237, 241-254	5.2	15
75	Full range of proximity effect probed with superconductor/graphene/superconductor junctions. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	15
74	Generative Transfer Learning for Intelligent Fault Diagnosis of the Wind Turbine Gearbox. <i>Sensors</i> , <b>2020</b> , 20,	3.8	14
73	Reducing Electronic Transport Dimension to Topological Hinge States by Increasing Geometry Size of Dirac Semimetal Josephson Junctions. <i>Physical Review Letters</i> , <b>2020</b> , 124, 156601	7.4	13
72	Interaction between counter-propagating quantum Hall edge channels in the 3D topological insulator BiSbTeSe <sub>2</sub> . <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	13
71	Heat transfer enhancement of a molten salt parabolic trough solar receiver with concentric and eccentric pipe inserts. <i>Energy Procedia</i> , <b>2017</b> , 142, 624-629	2.3	13
70	Forecasting Bus Passenger Flows by Using a Clustering-Based Support Vector Regression Approach. <i>IEEE Access</i> , <b>2020</b> , 8, 19717-19725	3.5	12
69	Vibration-based gearbox fault diagnosis using deep neural networks. <i>Journal of Vibroengineering</i> , <b>2017</b> , 19, 2475-2496	0.5	11
68	Multi-Scale Fuzzy Inference System for Influent Characteristic Prediction of Wastewater Treatment. <i>Clean - Soil, Air, Water</i> , <b>2018</b> , 46, 1700343	1.6	11
67	Deep neural network for manufacturing quality prediction <b>2017</b> ,		10
66	Fermi-arc supercurrent oscillations in Dirac semimetal Josephson junctions. <i>Nature Communications</i> , <b>2020</b> , 11, 1150	17.4	10
65	Signature of gate-tunable magnetism in graphene grafted with Pt-porphyrins. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	10
64	Influences of the key characteristic parameters on the thermal performance of a water pit seasonal thermal storage. <i>Energy Procedia</i> , <b>2017</b> , 142, 495-500	2.3	10

63	Fault Diagnosis for Wind Turbine Gearboxes by Using Deep Enhanced Fusion Network. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-11	5.2	10
62	A robust dynamic scheduling approach based on release time series forecasting for the steelmaking-continuous casting production. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 92, 106271	7.5	9
61	Vibration signal demodulation and bearing fault detection: A clustering-based segmentation method. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , <b>2014</b> , 228, 1888-1899	1.3	9
60	A Joint Kurtosis-Based Adaptive Bandstop Filtering and Iterative Autocorrelation Approach to Bearing Fault Detection. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , <b>2013</b> , 135,	1.6	9
59	Influence of SiO or h-BN substrate on the room-temperature electronic transport in chemically derived single layer graphene.. <i>RSC Advances</i> , <b>2019</b> , 9, 38011-38016	3.7	9
58	Inlet Water Quality Forecasting of Wastewater Treatment Based on Kernel Principal Component Analysis and an Extreme Learning Machine. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 873	3	9
57	Normal force of magnetorheological fluids with foam metal under oscillatory shear modes. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 403, 161-166	2.8	8
56	Design, Modeling and Testing of a Two-Terminal Mass Device With a Variable Inertia Flywheel. <i>Journal of Mechanical Design, Transactions of the ASME</i> , <b>2016</b> , 138,	3	8
55	Formulation and Characterisation of Ternary Salt Based Solutions as Phase Change Materials for Cold Chain Applications. <i>Energy Procedia</i> , <b>2019</b> , 158, 5103-5108	2.3	7
54	Evaluation of thermal performance in cold storage applications using EG-water based nano-composite PCMs. <i>Energy Procedia</i> , <b>2019</b> , 158, 4840-4845	2.3	7
53	Flexible Kurtogram for Extracting Repetitive Transients for Prognostics and Health Management of Rotating Components. <i>IEEE Access</i> , <b>2019</b> , 7, 55631-55639	3.5	7
52	Evaluating Water Consumption Based on Water Hierarchy Structure for Sustainable Development Using Grey Relational Analysis: Case Study in Chongqing, China. <i>Sustainability</i> , <b>2018</b> , 10, 1538	3.6	7
51	Rolling bearing fault diagnosis based on Deep Boltzmann machines <b>2016</b> ,		7
50	Liquid Air Energy Storage with LNG cold recovery for air liquefaction improvement. <i>Energy Procedia</i> , <b>2019</b> , 158, 4759-4764	2.3	6
49	Water-Resistant Smartphone Technologies. <i>IEEE Access</i> , <b>2019</b> , 7, 42757-42773	3.5	6
48	Investigation on transient cooling process in a water heat storage tank with inclined sidewalls. <i>Energy Procedia</i> , <b>2017</b> , 142, 142-147	2.3	6
47	Prediction Model of Interval Grey Numbers with a Real Parameter and Its Application. <i>Abstract and Applied Analysis</i> , <b>2014</b> , 2014, 1-12	0.7	6
46	Scheduling optimisation for supply chain in networked manufacturing. <i>International Journal of Computer Applications in Technology</i> , <b>2011</b> , 40, 85	0.7	6



45	Sparse Autoencoder-based Multi-head Deep Neural Networks for Machinery Fault Diagnostics with Detection of Novelties. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , <b>2021</b> , 34,	2.5	6
44	An ensemble learning-based fault diagnosis method for rotating machinery <b>2017</b> ,		5
43	Exploiting Generative Adversarial Networks as an Oversampling Method for Fault Diagnosis of an Industrial Robotic Manipulator. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7712	2.6	5
42	Knowledge extraction from deep convolutional neural networks applied to cyclo-stationary time-series classification. <i>Information Sciences</i> , <b>2020</b> , 524, 1-14	7.7	5
41	Zeeman-Effect-Induced 0- $\pi$ Transitions in Ballistic Dirac Semimetal Josephson Junctions. <i>Physical Review Letters</i> , <b>2019</b> , 123, 026802	7.4	5
40	Static response of stranded wire helical springs to axial loads: A two-state model. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , <b>2013</b> , 227, 1608-1618	1.3	5
39	A Multimode Relayed Piezoelectric Cantilever for Effective Vibration Energy Harvesting. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 050202	1.4	5
38	Design of Novel Hydraulic Flywheels for Vehicle Suspensions. <i>Advanced Science Letters</i> , <b>2011</b> , 4, 1586-1590		5
37	Chinese Heliosolar Explorer (CHASE) as a complementary space mission to the ASO-S. <i>Research in Astronomy and Astrophysics</i> , <b>2019</b> , 19, 165	1.5	5
36	Dominant s-wave superconducting gap in PdTe <sub>2</sub> observed by tunneling spectroscopy on side junctions. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	5
35	Theoretical Investigations on Kurtosis and Entropy and Their Improvements for System Health Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-10	5.2	5
34	A one-class generative adversarial detection framework for multifunctional fault diagnoses. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	5
33	Effects of MgO particle size and density on microstructure development of MgO based composite phase change materials. <i>Energy Procedia</i> , <b>2019</b> , 158, 4517-4522	2.3	4
32	Nonlocal signatures of the chiral magnetic effect in the Dirac semimetal Bi <sub>0.97</sub> Sb <sub>0.03</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	4
31	Steady-state harmonic response analysis of a stranded wire helical spring-mass system using an iterative harmonic balance method. <i>JVC/Journal of Vibration and Control</i> , <b>2016</b> , 22, 1449-1461	2	4
30	Prediction and Analysis of CO <sub>2</sub> Emission in Chongqing for the Protection of Environment and Public Health. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	4
29	Particle Acceleration at the Pileup Collision of the Twin Shock. <i>Astrophysical Journal</i> , <b>2019</b> , 885, 66	4.7	4
28	Verhulst Model of Interval Grey Number Based on Information Decomposing and Model Combination. <i>Journal of Applied Mathematics</i> , <b>2013</b> , 2013, 1-8	1.1	4

27	Toll-interacting protein inhibits HIV-1 infection and regulates viral latency. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 475, 161-8	3.4	4
26	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 8768-8776	8.9	4
25	Incremental Novelty Identification from Initially One-class Learning to Unknown Abnormality Classification. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	4
24	Composite phase change materials for thermal energy storage: From molecular modelling based formulation to innovative manufacture. <i>Energy Procedia</i> , <b>2019</b> , 158, 4510-4516	2.3	3
23	Deep Learning-Based Gear Pitting Severity Assessment Using Acoustic Emission, Vibration and Currents Signals <b>2019</b> ,		3
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