

A High-Power Continuous-Wave Mid-Infrared Optical

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ap-FSM: A parallel algorithm for approximate frequent subgraph mining using Pregel. Expert Systems With Applications, 2018, 106, 217-232.	4.4	19
2	ELM with guaranteed performance for online approximation of dynamical systems. Nonlinear Dynamics, 2018, 91, 1587-1603.	2.7	20
3	Noise Suppression Threshold Channel Estimation Method Using RC and SRRC Filters in OFDM Systems. , 2018, , .		1
4	The application of cluster analysis to identify the occupational profile of people injured in accidents in the Polish construction industry. IOP Conference Series: Materials Science and Engineering, 2018, 456, 012027.	0.3	4
5	Bio-Inspired Climbing Robots in Wet Environments: Recent Trends in Adhesion Methods and Materials. , 2018, , .		9
6	A Novel Hybrid Boundary-Type Meshless Method for Solving Heat Conduction Problems in Layered Materials. Applied Sciences (Switzerland), 2018, 8, 1887.	1.3	6
7	Fault Arc Resistance Impact on Fault Location in High Voltage Transmission line. , 2018, , .		1
8	A New Model-Free Trajectory Tracking Control for Robot Manipulators. Mathematical Problems in Engineering, 2018, 2018, 1-13.	0.6	3
9	Allocation and Sizing of Energy Storage System Considering Wind Uncertainty: An Approach Based on Stochastic SCUC. , 2018, , .		6
10	Data Driven Predictive Model to Compact a Production Stop-on-Fail Test Set for an Electronic Device. , 2018, , .		3
11	Numerical Study of Heat Transfer Enhancement of Internal Flow Using Double-Sided Delta-Winglet Tape Insert. Energies, 2018, 11, 3170.	1.6	35
12	A Robust Hybrid Filter Based on Evolutionary Intelligence and Fuzzy Evaluation. International Journal of Image and Graphics, 2018, 18, 1850023.	1.2	3
13	Observer-based backstepping control method using reduced lateral dynamics for autonomous lane-keeping system. ISA Transactions, 2018, 83, 214-226.	3.1	28
14	Enhanced Strength of 304 SS-Ti6Al4V Laser-Welded Joints Containing Composite Interlayers. Journal of Materials Engineering and Performance, 2018, 27, 6135-6148.	1.2	5
15	3D Biomimetic Chips for Cancer Cell Migration in Nanometer-Sized Spaces Using "Ship-in-a-Bottle" Femtosecond Laser Processing. ACS Applied Bio Materials, 2018, 1, 1667-1676.	2.3	15
16	Laser ablation parameters influencing gold nanoparticle synthesis in water. Radiation Effects and Defects in Solids, 2018, 173, 729-739.	0.4	24
17	Control optimization of an aerial robotic swarm in a search task and its adaptation to different scenarios. Journal of Computational Science, 2018, 29, 107-118.	1.5	10
18	Microstructure and nanomechanical properties of foreleg surface of the praying mantis (Mantis) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.6	1

#	ARTICLE	IF	CITATIONS
19	The Effect of Process Parameters on the Machined Surface Quality in Milling of CFRPs. Communications in Computer and Information Science, 2018, , 418-427.	0.4	2
20	Special Issue on Solid State Lasers Materials, Technologies and Applications. Applied Sciences (Switzerland), 2018, 8, 460.	1.3	1
21	Lithium recovery from spent Li-ion batteries using coconut shell activated carbon. Waste Management, 2018, 79, 454-461.	3.7	46
22	Non-destructive detection of Flos Lonicerae treated by sulfur fumigation based on hyperspectral imaging. Journal of Food Measurement and Characterization, 2018, 12, 2809-2818.	1.6	10
23	Real-Time Monitoring of Bond Slip between GFRP Bar and Concrete Structure Using Piezoceramic Transducer-Enabled Active Sensing. Sensors, 2018, 18, 2653.	2.1	65
24	A Business Process Analysis Methodology Based on Process Mining for Complaint Handling Service Processes. Applied Sciences (Switzerland), 2019, 9, 3313.	1.3	6
25	An Extended Flatness-Based Controller for Permanent Magnet Synchronous Machines Incorporating an Event-Based Mechanism. , 2019, , .		2
26	GPON Parser for Database Analysis. , 2019, , .		1
27	On the use of phase change materials applied on cork-coconut-cork panels. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4061-4090.	2.0	11
28	Image Segmentation Based on Local Chan-Vese Model Combined with Fractional Order Derivative. Lecture Notes in Computer Science, 2019, , 326-336.	1.0	3
29	A Human-assistive Robotic Platform with Quadrupedal Locomotion*. , 2019, 2019, 305-310.		2
30	A Short Review on Data Mining Techniques for Electricity Customers Characterization. , 2019, , .		14
31	CAPIRCI: A Multi-modal System for Collaborative Robot Programming. Lecture Notes in Computer Science, 2019, , 51-66.	1.0	9
32	Flow field uniformity analysis and structural optimization of coal pyrolysis heat exchanger. Engineering Applications of Computational Fluid Mechanics, 2019, 13, 417-425.	1.5	4
33	Revisiting the use of squared magnitude function for the optimal approximation of $(1 \pm j\omega)^{-n}$ -order Butterworth filter. AEU - International Journal of Electronics and Communications, 2019, 110, 152826.	1.7	15
34	End-User Development in Industry 4.0: Challenges and Opportunities. Lecture Notes in Computer Science, 2019, , 230-233.	1.0	1
35	Dual Security Method for Digital Image using HBV Encryption and Least Significant Bit Steganography. Journal of Physics: Conference Series, 2019, 1201, 012024.	0.3	7
37	Analysis of Dynamic Characteristics of a 600 kW Storage Type Wind Turbine with Hybrid Hydraulic Transmission. Processes, 2019, 7, 397.	1.3	8

#	ARTICLE	IF	CITATIONS
38	On Solving Two-Dimensional Inverse Heat Conduction Problems Using the Multiple Source Meshless Method. Applied Sciences (Switzerland), 2019, 9, 2629.	1.3	4
39	Biosynthesis of nanoparticles and applications in agriculture. , 2019, , 199-217.		10
40	Fiber bragg grating based detection of part-thickness cracks in bent composite laminates using feature-guided waves. Smart Materials and Structures, 2019, 28, 085026.	1.8	8
41	Morphology and Thermal Stability of Thin Cu _{1.8} Se Films Produced by Chemical Deposition. Inorganic Materials, 2019, 55, 106-115.	0.2	1
42	Multispectral incoherent holography based on measurement of differential wavefront curvature. Optical Review, 2019, 26, 616-630.	1.2	2
43	Investigation on communication aspects of multiple swarm networked robotics. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 2010-2020.	0.9	7
44	Optimization-based improved kernel extreme learning machine for rolling bearing fault diagnosis. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	0.8	11
45	Preoperative hidden renal dysfunction add an age dependent risk of progressive chronic kidney disease after cardiac surgery. Journal of Cardiothoracic Surgery, 2019, 14, 151.	0.4	8
46	Signal propagation analysis in multiuser human body communication. , 2019, , .		0
47	On Solving Modified Helmholtz Equation in Layered Materials Using the Multiple Source Meshfree Approach. Mathematics, 2019, 7, 1114.	1.1	2
48	Bio-Inspired Approach for Long-Range Underwater Navigation Using Model Predictive Control. IEEE Transactions on Cybernetics, 2021, 51, 4286-4297.	6.2	17
49	Few-shot palmprint recognition via graph neural networks. Electronics Letters, 2019, 55, 890-892.	0.5	19
50	Response of a Piezoelectric Harvester to Impacts Generated by Rain-Drops. , 2019, , .		1
51	Capabilities and Visions of Broadband Power-Line in Smart Grids Applications. , 2019, , .		7
52	An Efficient Method for Offset Mitigation in Free-Space Optical Systems. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	1
53	Contrast and Volume Rate Enhancement of 3-D Ultrasound Imaging Using Aperiodic Plane Wave Angles: A Simulation Study. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1731-1748.	1.7	5
54	Influence of Axial Loads to Propagation Characteristics of the Elastic Wave in a Non-Uniform Shaft. Chinese Journal of Mechanical Engineering (English Edition), 2019, 32, .	1.9	0
55	Evaluation of surfactin synthesis in a genome reduced Bacillus subtilis strain. AMB Express, 2019, 9, 84.	1.4	24

#	ARTICLE	IF	CITATIONS
56	Automatic Generation of Labeled 3D Point Clouds of Natural Environments with Gazebo. , 2019, , .		3
57	A Business Model Incorporating Harmonic Control as a Value-Added Service for Utility-Owned Electricity Retailers. IEEE Transactions on Industry Applications, 2019, 55, 4441-4450.	3.3	43
58	Key Exchange with PUF in NG-PON2 Networks. , 2019, , .		1
59	Knock Detection Based on Recursive Variational Mode Decomposition and Multilevel Semi-Supervised Local Fisher Discriminant Analysis. IEEE Access, 2019, 7, 122028-122040.	2.6	8
60	Strain Sensor Fabrication by Means of Laser Carbonization. , 2019, , .		7
61	A Hybrid Algorithm for Multi-Objective Scientific Workflow Scheduling in IaaS Cloud. IEEE Access, 2019, 7, 125783-125795.	2.6	26
62	Robust Observer Design and Fault Reconstruction for Wind Energy Conversion System: SOS Approach. , 2019, , .		0
63	A dynamic access-point transmission power minimization method using PI feedback control in elastic WLAN system for IoT applications. Internet of Things (Netherlands), 2019, 8, 100089.	4.9	16
64	Toxicity prediction of small drug molecules of aryl hydrocarbon receptor using a proposed ensemble model. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 2883-2849.	0.9	9
65	Development of Models for Fermented Mixed Feed Production for Swine. Journal of Biosystems Engineering, 2019, 44, 152-160.	1.2	0
66	Impact factors analysis on the probability characterized effects of time of use demand response tariffs using association rule mining method. Energy Conversion and Management, 2019, 197, 111891.	4.4	54
67	Robot fault detection and remaining life estimation for predictive maintenance. Procedia Computer Science, 2019, 151, 709-716.	1.2	22
68	Dimensionality Reduction and Subspace Clustering in Mixed Reality for Condition Monitoring of High-Dimensional Production Data. Sensors, 2019, 19, 3903.	2.1	5
69	A simplified retrofitting method based on seismic damage of a SDOF system equivalent to a damped braced building. Engineering Structures, 2019, 200, 109712.	2.6	32
70	A review of the noise uncertainty impact on energy detection with different OFDM system designs. Computer Communications, 2019, 148, 185-207.	3.1	14
71	In situ fabrication of flaky-like NiMn-layered double hydroxides as efficient catalyst for Li-O ₂ battery. Journal of Solid State Electrochemistry, 2019, 23, 1121-1128.	1.2	12
72	Microbial characterization of heavy metal resistant bacterial strains isolated from an electroplating wastewater treatment plant. Ecotoxicology and Environmental Safety, 2019, 181, 472-480.	2.9	49
73	Multi-step material decomposition for spectral computed tomography. Physics in Medicine and Biology, 2019, 64, 145001.	1.6	15

#	ARTICLE	IF	CITATIONS
74	Observation of field emission from carbon nanoparticles film coating on top of vertically aligned carbon nanotubes on silicon substrate. <i>Vacuum</i> , 2019, 167, 113-117.	1.6	5
76	Morphological Arrhythmia Automated Diagnosis Method Using Gray-Level Co-Occurrence Matrix Enhanced Convolutional Neural Network. <i>IEEE Access</i> , 2019, 7, 67123-67129.	2.6	36
77	Biodegradable cross-linked chitosan nanoparticles improve anti-Candida and anti-biofilm activity of TistH, a peptide identified in the venom gland of the Tityus stigmurus scorpion. <i>Materials Science and Engineering C</i> , 2019, 103, 109830.	3.8	18
78	Workflow Scheduling in Cloud Computing Using Memetic Algorithm. , 2019, , .		10
79	Refined Study on Free Vibration of a Cable with an Inertial Mass Damper. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2271.	1.3	13
80	3D bioprinting models of neural tissues: The current state of the field and future directions. <i>Brain Research Bulletin</i> , 2019, 150, 240-249.	1.4	32
81	Electrochemical Sensor Based on Multi-walled Carbon Nanotube/Gold Nanoparticle Modified Glassy Carbon Electrode for Detection of Estradiol in Environmental Samples. <i>Electroanalysis</i> , 2019, 31, 1925-1933.	1.5	38
82	New strategy for CBIR by combining low-level visual features with a colour descriptor. <i>IET Image Processing</i> , 2019, 13, 1191-1200.	1.4	12
83	A mobile health monitoring-and-treatment system based on integration of the SSN sensor ontology and the HL7 FHIR standard. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 97.	1.5	57
84	A triangular vortex generator modeling on a DU97-W-300 airfoil by a source term model. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2019, 233, 635-645.	0.8	5
85	Evaluation of factors affecting gully headcut location using summary statistics and the maximum entropy model: Golestan Province, NE Iran. <i>Science of the Total Environment</i> , 2019, 677, 281-298.	3.9	36
86	An open-source CFD model for computing thermal effect in the context of laser-induced semiconductor processing in photovoltaic applications. <i>Journal of Computational Science</i> , 2019, 34, 55-65.	1.5	1
87	New Four Points Initialization for Digital Image Correlation in Metal-Sheet Strain Measurements. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1691.	1.3	3
88	Possible nanoantenna control of chlorophyll dynamics for bioinspired photovoltaics. <i>Scientific Reports</i> , 2019, 9, 7138.	1.6	21
89	Critical risk factors in the application of modular integrated construction: a systematic review. <i>International Journal of Construction Management</i> , 2022, 22, 133-147.	2.2	51
90	Optical response of magnetically actuated biocompatible membranes. <i>Nanoscale</i> , 2019, 11, 10667-10683.	2.8	5
91	Valorization of Orange Peel Residues via Fluidized Bed Torrefaction: Comparison between Different Bed Materials. <i>Combustion Science and Technology</i> , 2019, 191, 1585-1599.	1.2	15
92	How to Formulate Biobased Surfactants Through the HLD-NAC Model. , 2019, , 471-510.		9

#	ARTICLE	IF	CITATIONS
93	Stimulations of Thermophysical Characteristics of Nano-Diamond and Silver Nanoparticles for Nonlinear Radiative Curved Surface Flow. <i>IEEE Access</i> , 2019, 7, 55509-55517.	2.6	12
94	Mean-square performance of the modified frequency-domain block LMS algorithm. <i>Signal Processing</i> , 2019, 163, 18-25.	2.1	8
95	Partial relay selection in mixed RF/FSO dual-hop system over unified M-distributed fading channel with non-zero boresight pointing errors. <i>Optical and Quantum Electronics</i> , 2019, 51, 1.	1.5	3
96	Observation of Soliton Molecules in NPR Mode-Locked Er-Fiber Laser via Birefringence Management. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 639-642.	1.3	3
97	Converting waste to energy: Production and characterization of biodiesel from <i>Chlorella pyrenoidosa</i> grown in a medium designed from waste. <i>Renewable Energy</i> , 2019, 142, 415-425.	4.3	14
98	Glioma Tumor Grade Identification Using Artificial Intelligent Techniques. <i>Journal of Medical Systems</i> , 2019, 43, 113.	2.2	48
99	A brief review of condition monitoring techniques for the induction motor. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , 2019, 43, 499-508.	0.3	12
100	Properties of pervious concrete made from steel slag and magnesium phosphate cement. <i>Construction and Building Materials</i> , 2019, 209, 95-104.	3.2	73
101	Manganese Peroxidase-Based Electro-Oxidation of Bisphenol A at Hydrogellic Polyaniline-Titania Nanocomposite-Modified Glassy Carbon Electrode. <i>Electrocatalysis</i> , 2019, 10, 323-331.	1.5	12
102	Neural Network-Based Model Reference Adaptive System for Torque Ripple Reduction in Sensorless Poly Phase Induction Motor Drive. <i>Energies</i> , 2019, 12, 920.	1.6	8
103	A Collaborative Multi-Agent Reinforcement Learning Anti-Jamming Algorithm in Wireless Networks. <i>IEEE Wireless Communications Letters</i> , 2019, 8, 1024-1027.	3.2	96
104	Load balancing optimization based on hybrid Heuristic-Metaheuristic techniques in cloud environment. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 813-824.	2.7	21
105	From Optical Music Recognition to Handwritten Music Recognition: A baseline. <i>Pattern Recognition Letters</i> , 2019, 123, 1-8.	2.6	41
106	Comparative analysis of different characteristics of automatic sleep stages. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 175, 53-72.	2.6	31
107	Effects of Heat and Mass Flux Conditions on Magnetohydrodynamics Flow of Casson Fluid over a Curved Stretching Surface. <i>Defect and Diffusion Forum</i> , 2019, 392, 29-41.	0.4	8
108	Interval-Valued Probabilistic Hesitant Fuzzy Set Based Muirhead Mean for Multi-Attribute Group Decision-Making. <i>Mathematics</i> , 2019, 7, 342.	1.1	15
109	Moisture-mechanical performance improvement of thermal insulating polyurethane using paper production waste particles grafted with different coupling agents. <i>Construction and Building Materials</i> , 2019, 208, 525-534.	3.2	15
110	Experimental and Theoretical Research on Shear Strength of Seismic-Damaged SRC Frame Columns Strengthened with Enveloped Steel Jackets. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-8.	0.4	8

#	ARTICLE	IF	CITATIONS
111	A Deep Learning-Based Intelligent Medicine Recognition System for Chronic Patients. IEEE Access, 2019, 7, 44441-44458.	2.6	53
112	Assessing the performance of GIS- based machine learning models with different accuracy measures for determining susceptibility to gully erosion. Science of the Total Environment, 2019, 664, 1117-1132.	3.9	137
113	New insights into application of nanoparticles for water-based enhanced oil recovery in carbonate reservoirs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 568, 164-172.	2.3	36
114	Experimental Investigation on Performance of a Compression Ignition Engine Fueled with Waste Cooking Oil Biodiesel-Diesel Blend Enhanced with Iron-Doped Cerium Oxide Nanoparticles. Energies, 2019, 12, 798.	1.6	66
115	Implementing life cycle cost analysis methodology for evaluating agricultural pruning-to-energy initiatives. Bioresource Technology Reports, 2019, 6, 54-62.	1.5	10
116	Differences between DIN EN 1992-1-1/NA2011 guidelines and EN-1992-1-1:2004 standard with respect to the design of the minimum reinforcement and crack width from imposed deformation. Archives of Civil and Mechanical Engineering, 2019, 19, 627-638.	1.9	4
117	Dynamic characteristics of a jumping robot with coordinated quadruped legs. Assembly Automation, 2019, 40, 11-21.	1.0	2
118	Creep effects on crack initiation and propagation in reinforced concrete walls. International Journal of Hydromechanics, 2019, 2, 159.	1.0	2
119	The Network Planning Concept for Increase Quality of Service using Packet Tracer. , 2019, , .		5
120	A model-driven decision approach to collaborative planning and obsolescence for manufacturing operations. Industrial Management and Data Systems, 2019, 119, 1926-1946.	2.2	13
121	CLASSIFICATION OF SPINAL POSTURES DURING CROSS-LEGGED SITTING ON THE FLOOR. Journal of Mechanics in Medicine and Biology, 2019, 19, 1940056.	0.3	0
122	Effects of diverse materials-based methods on DNA extraction for <i>Clostridium difficile</i> from stool samples. Materials Express, 2019, 9, 509-516.	0.2	15
123	Texture CNN for Thermoelectric Metal Pipe Image Classification. , 2019, , .		4
124	Performance Analysis of FSO DF Relays with Log-Normal Fading Channel. Journal of Optical Communications, 2023, 44, 395-403.	4.0	0
125	Short-term PV power forecasting based on sky-conditions using intelligent modelling techniques. International Journal of Engineering, Science and Technology, 2019, 11, 49-57.	0.3	4
126	Determination of effective parameters of composite materials using surface acoustic waves. Proceedings of Meetings on Acoustics, 2019, , .	0.3	0
127	Robust Nonsingular Fast Terminal Sliding Mode Control in Trajectory Tracking for a Rigid Robotic Arm. Automatic Control and Computer Sciences, 2019, 53, 511-521.	0.4	6
128	Adaptive Set-Point Using Flow Estimation for Oxygen Control in Wastewater Plant. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
129	A Game Approach for Distributed Channel Selection in UAV Communication Networks. , 2019, , .		2
130	Robust Optimal Control of Omni-directional Mobile Robot using Model Predictive Control Method. , 2019, , .		7
131	DLMPCSA€based improved yaw stability control strategy for DDEV. IET Intelligent Transport Systems, 2019, 13, 1329-1339.	1.7	8
132	Development and calibration of a CFD-based model of the bed fusion SLM additive manufacturing process aimed at optimising laser parameters. Procedia Structural Integrity, 2019, 24, 370-380.	0.3	5
133	A SDN based approach to improve energy consumption in wireless ad hoc network. , 2019, , .		2
134	Retinal vascular analysis: Segmentation, tracing, and beyond. , 2019, , 95-120.		1
135	Design and analysis of a plasmonic demultiplexer based on band-stop filters using double-nanodisk-shaped resonators. Optical and Quantum Electronics, 2019, 51, 1.	1.5	38
136	Determination of Dominant EEG Frequency Sub-Bands in the Process of Playing a Puzzle Video Game. , 2019, , .		0
137	Dispersion Behavior of Fundamental Supermodes in Homogeneous Strongly Coupled Multicore Optical Fibers for Different Core Counts and Layouts. , 2019, , .		0
138	Optimization of steering control to improve the energy consumption of internal combustion engine vehicles. Heliyon, 2019, 5, e03056.	1.4	7
139	Stability improvement and controlÂof grid-connected photovoltaic system during faults using supercapacitor. SN Applied Sciences, 2019, 1, 1.	1.5	16
140	Behavior-Based Control for an Aerial Robotic Swarm in Surveillance Missions. Sensors, 2019, 19, 4584.	2.1	9
141	Development of an intelligent and distributed low-cost platform for marine observations. , 2019, , .		2
142	GPON Network with Simulated Rogue ONU. , 2019, , .		4
143	Interface tailoring through the supply of optimized oxygen and hydrogen to semiconductors for highly stable top-gate-structured high-mobility oxide thin-film transistors. RSC Advances, 2019, 9, 36293-36300.	1.7	19
144	A Comprehensive Review of the Mechanical Behavior of Suspension Bridge Tunnel-Type Anchorage. Advances in Materials Science and Engineering, 2019, 2019, 1-19.	1.0	12
145	Applying Long Short-Term Memory (LSTM) Mechanisms for Fingerprinting Outdoor Positioning in Hybrid Networks. , 2019, , .		9
146	Vector-valued nonstationary Gabor frames. Journal of Mathematical Analysis and Applications, 2019, 469, 358-377.	0.5	3

#	ARTICLE	IF	CITATIONS
147	Switchable and dual-wavelength self-Q-switched fiber laser based on a homemade Er/Yb double clad fiber and polarization maintaining fiber Bragg grating. <i>Laser Physics</i> , 2019, 29, 015102.	0.6	10
148	Recent progress in polymer materials for advanced lithium-sulfur batteries. <i>Progress in Polymer Science</i> , 2019, 90, 118-163.	11.8	130
149	Mining High Utility Itemsets from Multiple Databases. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 139-146.	0.5	0
150	3D shell model for the thermo-mechanical analysis of FGM structures via imposed and calculated temperature profiles. <i>Aerospace Science and Technology</i> , 2019, 85, 125-149.	2.5	15
151	Enhancing rate of penetration in a tight formation with high-pressure water jet (HPWJ) via a downhole pressurized drilling tool. <i>Journal of Petroleum Science and Engineering</i> , 2019, 174, 1194-1207.	2.1	19
152	Dynamic Wireless Power Transfer for Cost-Effective Wireless Sensor Networks Using Frequency-Scanned Beaming. <i>IEEE Access</i> , 2019, 7, 8081-8094.	2.6	28
153	Structural vibration mitigation – a concise review of the capabilities and applications of Cu and Fe based shape memory alloys in civil structures. <i>Journal of Building Engineering</i> , 2019, 22, 22-32.	1.6	31
154	Interlayer thickening for development of laser-welded Ti-SS joint strength. <i>Optics and Laser Technology</i> , 2019, 112, 379-394.	2.2	14
155	One pot green synthesis of Pt, Co and Pt@Co core-shell nanoparticles using Sechium edule. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 911-918.	1.6	17
156	Vibration analysis of beam structures with localized nonlinearities by a wave approach. <i>Journal of Sound and Vibration</i> , 2019, 439, 344-361.	2.1	16
157	Effect of the surface charge of entrapped polypropylene at nanosilica-composite on cuttings transport capacity of water-based muds. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 61-82.	1.6	23
158	Surface Defect Detection via Entity Sparsity Pursuit With Intrinsic Priors. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 141-150.	7.2	81
159	Computational models applied to the service life prediction of External Thermal Insulation Composite Systems (ETICS). <i>Journal of Building Engineering</i> , 2020, 27, 100944.	1.6	22
160	Improved sensing response of nanostructured CuO thin films towards sweat rate monitoring: Effect of Cr doping. <i>Materials Science in Semiconductor Processing</i> , 2020, 105, 104698.	1.9	12
161	Tension between Leadership Archetypes: Systematic Review to Inform Construction Research and Practice. <i>Journal of Management in Engineering - ASCE</i> , 2020, 36, .	2.6	40
162	Morphological studies on the development of chemical conversion coating on surface of Mg-4Zn alloy and its corrosion and bio mineralisation behaviour in simulated body fluid. <i>Journal of Alloys and Compounds</i> , 2020, 812, 152146.	2.8	38
163	Epileptic Signal Classification With Deep EEG Features by Stacked CNNs. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020, 12, 709-722.	2.6	57
164	Functionalization of silica membranes for CO2 separation. <i>Separation and Purification Technology</i> , 2020, 235, 116207.	3.9	17

#	ARTICLE	IF	CITATIONS
165	In situ fluorescence measurements of dissolved organic matter: A review. <i>Science of the Total Environment</i> , 2020, 699, 134361.	3.9	93
166	From Validation of Medical Devices towards Validation of Adaptive Cyber-Physical Systems. <i>Journal of Integrated Design and Process Science</i> , 2020, 23, 37-59.	0.2	2
167	A Survey on Accessible Context-Aware Systems. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020, , 29-63.	0.9	6
168	Remanufacturing-oriented process planning and scheduling: mathematical modelling and evolutionary optimisation. <i>International Journal of Production Research</i> , 2020, 58, 3781-3799.	4.9	27
169	Technological Trends in Improved Mobility of the Visually Impaired. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020, , .	0.9	6
170	A Novel Rolling Bearing Fault Diagnosis Method Based on Empirical Wavelet Transform and Spectral Trend. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 2891-2904.	2.4	52
171	Mk-NNG-DPC: density peaks clustering based on improved mutual K-nearest-neighbor graph. <i>International Journal of Machine Learning and Cybernetics</i> , 2020, 11, 1179-1195.	2.3	10
172	Effect of salinity on supercritical CO ₂ permeability of caprock in deep saline aquifers: An experimental study. <i>Energy</i> , 2020, 191, 116486.	4.5	17
173	Modified heat transfer flow model for SWCNTs-H ₂ O and MWCNTs-H ₂ O and	1.2	20
174	Fabrication of polylactic acid/halloysite nanotube scaffolds by foam injection molding for tissue engineering. <i>Polymer Composites</i> , 2020, 41, 757-767.	2.3	27
175	Bat algorithm-based beamforming for mmWave massive MIMO systems. <i>International Journal of Communication Systems</i> , 2020, 33, e4182.	1.6	9
176	Mechanochemical degradation of brominated flame retardants in waste printed circuit boards by Ball Milling. <i>Journal of Hazardous Materials</i> , 2020, 385, 121509.	6.5	47
177	Electrospun Polymer-Inorganic Nanostructured Materials and Their Applications. <i>Polymer Reviews</i> , 2020, 60, 493-541.	5.3	19
178	On the estimation of the friction factor: a review of recent approaches. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	6
179	Estimation of crack width based on shape-sensitive kernels and semantic segmentation. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2504.	1.9	42
180	<i>Lactobacillus fermentum</i> HFY06 reduced CCl ₄ -induced hepatic damage in Kunming mice. <i>RSC Advances</i> , 2020, 10, 1-9.	1.7	15
181	Advances in femtosecond laser processing of optical material for device applications. <i>International Journal of Applied Glass Science</i> , 2020, 11, 480-490.	1.0	18
182	Metal carbides, phosphides, and nitrides for biomass conversion. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 22, 47-53.	3.2	26

#	ARTICLE	IF	CITATIONS
183	Analysis of the seismic behavior of CFRP-strengthened seismic-damaged composite steel-concrete frame joints. <i>Journal of Building Engineering</i> , 2020, 28, 101057.	1.6	12
184	Feasibility of commercial waste biorefineries for cassava starch industries: Techno-economic assessment. <i>Bioresource Technology</i> , 2020, 297, 122461.	4.8	43
185	Multi-response Optimization and Surface Texture Characterization for CNC Milling of Inconel 718 Alloy. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 1265-1277.	1.7	13
186	A Review on Prognostics Methods for Engineering Systems. <i>IEEE Transactions on Reliability</i> , 2020, 69, 1110-1129.	3.5	84
187	Thermal error modeling and prediction analysis based on OM algorithm for machine tool's spindle. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 3345-3356.	1.5	24
188	Phase noise effects on the performance of joint carrier phase recovery algorithms in phase-locked WDM superchannel transmission systems. <i>Optical Fiber Technology</i> , 2020, 54, 102104.	1.4	4
189	Simulation model of loading bin bottom by bulk material. <i>Chemical Engineering Research and Design</i> , 2020, 154, 151-161.	2.7	0
190	Factors affecting direct lightning strike damage to fiber reinforced composites: A review. <i>Composites Part B: Engineering</i> , 2020, 183, 107688.	5.9	68
191	Failure characterisation of CF/epoxy V-shape components using digital image correlation and acoustic emission analyses. <i>Composite Structures</i> , 2020, 236, 111797.	3.1	10
192	Optimizing collapsed pipes mapping: Effects of DEM spatial resolution. <i>Catena</i> , 2020, 187, 104344.	2.2	10
193	Load response potential evaluation for distribution networks: A hybrid decision-making model with intuitionistic normal cloud and unknown weight information. <i>Energy</i> , 2020, 192, 116673.	4.5	22
194	Modification of the Near-Infrared Spontaneous Emission in Er ³⁺ -Activated Inverse Silica Opals. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900476.	0.7	1
195	Dynamic analysis of laminated piezoelectric cylindrical shells. <i>Engineering Structures</i> , 2020, 209, 109945.	2.6	9
196	Electric Vehicle Control and Driving Safety Systems: A Review. <i>IETE Journal of Research</i> , 2023, 69, 482-498.	1.8	15
197	Room for doubt as a way to improve the accuracy of machine learning algorithms. , 2020, , .		0
198	Energy-optimal transport trajectory planning and online trajectory modification for holonomic robots. <i>Asian Journal of Control</i> , 2021, 23, 2185-2200.	1.9	9
199	An adaptive robust nonsingular fast terminal sliding mode controller based on wavelet neural network for a 2-DOF robotic arm. <i>Journal of the Franklin Institute</i> , 2020, 357, 13259-13282.	1.9	36
200	Improving the Specifications of Floor Coating by adding nanoclay. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 881, 012073.	0.3	0

#	ARTICLE	IF	CITATIONS
201	Application of nanoparticles for strengthening wellbore cement-formation bonding. Oil and Gas Science and Technology, 2020, 75, 64.	1.4	4
202	Power generation enhancement in a horizontal axis wind turbine blade using split blades. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 206, 104352.	1.7	11
203	Geometric composition, structural behavior and material design for asphalt trackbed: A review. Construction and Building Materials, 2020, 262, 120755.	3.2	26
204	Experimental design approach in optimizing the sorption properties of a new generation of reinforced porous hybrid beads. Arabian Journal of Chemistry, 2020, 13, 6461-6471.	2.3	0
205	Bifurcations to bursting and spiking in the Chay neuron and their validation in a digital circuit. Chaos, Solitons and Fractals, 2020, 141, 110353.	2.5	65
206	Pods of Acacia nilotica mediated synthesis of copper oxide nanoparticles and its in vitro biological applications. Materials Today: Proceedings, 2021, 47, 751-756.	0.9	4
207	Performance enhancement of Nanopyramid based Si hybrid solar cells utilizing the plasmonic properties of oxide coated Metal Nanoparticles. Optical Materials, 2020, 107, 110166.	1.7	16
208	Influence of nano-TiO ₂ on the wellbore shear bond strength at cement-formation interface. Upstream Oil and Gas Technology, 2020, 5, 100016.	1.1	7
209	A Review on Performance of Self-Compacting Concrete with Use of Mineral Admixtures and Steel Fibres with Artificial Neural Network Application. Construction and Building Materials, 2020, 261, 120215.	3.2	42
210	Effective non-intrusive load monitoring of buildings based on a novel multi-descriptor fusion with dimensionality reduction. Applied Energy, 2020, 279, 115872.	5.1	42
211	SiO ₂ -SnO ₂ :Er ³⁺ planar waveguides: Highly photorefractive glass-ceramics. Optical Materials: X, 2020, 7, 100056.	0.3	3
212	Comparative laboratory measurement of pervious concrete permeability using constant-head and falling-head permeameter methods. Construction and Building Materials, 2020, 263, 120614.	3.2	35
213	Optimal scheduling of battery storage with grid tied PV systems for trade-off between consumer energy cost and storage health. Microprocessors and Microsystems, 2020, 79, 103274.	1.8	14
214	Effects of 1,4-dioxane and bisphenol A on the hydraulic barrier performance of clay bottom liners for waste containment facilities. Soils and Foundations, 2020, 60, 767-777.	1.3	5
215	5G new radio photonically-amplified Xhaul. Optical Fiber Technology, 2020, 60, 102358.	1.4	1
216	ScalpEye: A Deep Learning-Based Scalp Hair Inspection and Diagnosis System for Scalp Health. IEEE Access, 2020, 8, 134826-134837.	2.6	34
217	Traffic Offloading for Content Distribution Assisted With Device-to-Device Communications. IEEE Open Journal of the Communications Society, 2020, 1, 578-592.	4.4	2
218	Recent Progress with Pincer Transition Metal Catalysts for Sustainability. Catalysts, 2020, 10, 773.	1.6	71

#	ARTICLE	IF	CITATIONS
219	Surveys on the reliability impacts of power system cyber-physical layers. <i>Sustainable Cities and Society</i> , 2020, 62, 102384.	5.1	58
220	Application of acoustic intelligent leak detection in an urban water supply pipe network. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2020, 69, 512-520.	0.6	19
221	Effect of Cooling Rate and Aging Process on Wear Behavior of Deformed TC21 Ti-Alloy. <i>Key Engineering Materials</i> , 2020, 835, 265-273.	0.4	10
222	Role of Spirulina on gamma-irradiated rats using Fourier transform infrared attenuated total reflectance and Electron spin resonance for brain. <i>Journal of Radiation Research and Applied Sciences</i> , 2020, 13, 528-541.	0.7	0
223	Industry 4.0 Disruption and Its Neologisms in Major Industrial Sectors: A State of the Art. <i>Journal of Engineering (United States)</i> , 2020, 2020, 1-45.	0.5	47
224	Development of bentonite-gelatin nanocomposite hybrid hydrogels for tissue engineering. <i>Applied Clay Science</i> , 2020, 199, 105860.	2.6	17
225	Light Absorption and Scattering by Silver/Silver Sulfide Hybrid Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27024-27031.	1.5	10
226	Green is the new black – a review of technologies for carboxylic acid recovery from black liquor. <i>Green Chemistry</i> , 2020, 22, 8097-8115.	4.6	29
227	Employing a Laser Headlight Electrical System to Measure and Calculate Electro-Optic Conversion Efficiencies of Blue-Beam Laser Diodes. <i>Electronics (Switzerland)</i> , 2020, 9, 1902.	1.8	1
228	DEVELOPMENT AND EVALUATION OF ORAL SUSTAINED-RELEASE RANITIDINE DELIVERY SYSTEM BASED ON BACTERIAL NANOCELLULOSE MATERIAL PRODUCED BY KOMAGATAEIBACTER XYLINUS. <i>International Journal of Applied Pharmaceutics</i> , 2020, , 48-55.	0.3	2
229	<i>Jatropha dioica</i> , an Aztec plant with promising pharmacological properties: A systematic review. <i>African Journal of Pharmacy and Pharmacology</i> , 2020, 14, 169-178.	0.2	7
230	Consolidated and inconclusive effects of additive manufacturing adoption: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2020, 148, 106713.	3.4	39
231	Preliminary Characterization of Capacitive Intrabody Communication Channel under Implantable-Like Conditions. , 2020, , .		1
232	Intelligent humanoid robots expressing artificial humanlike empathy in nursing situations. <i>Nursing Philosophy</i> , 2020, 21, e12318.	0.9	33
233	Recurrent Neural Network-Based Hybrid Localization for Worker Tracking in an Offshore Environment. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4721.	1.3	4
234	<i>ROPPSA</i>: TV Program Recommendation Based on Personality and Social Awareness. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-15.	0.6	7
235	Multiclass EEG signal classification utilizing R�nyi min-entropy-based feature selection from wavelet packet transformation. <i>Brain Informatics</i> , 2020, 7, 7.	1.8	31
236	Demand Response Service Certification and Customer Baseline Evaluation Using Blockchain Technology. <i>IEEE Access</i> , 2020, 8, 139313-139331.	2.6	21

#	ARTICLE	IF	CITATIONS
237	Light weight non-metallic lightning strike protection film for CFRP. Materials Today Communications, 2020, 25, 101502.	0.9	11
238	Influence of chicken feather on the rheological properties and performance of modified asphalts. Construction and Building Materials, 2020, 264, 120128.	3.2	6
239	Interfacial transfer and phase evolution between Cu and Sn solder doped with minor Cu, Ag and Ni: experimental and theoretical investigations. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	12
240	Macrosegregation Characteristics of Ferrite and Austenite Stabilizer Elements in Large Size High Strength Steel Ingot. Key Engineering Materials, 0, 846, 82-86.	0.4	1
241	Nonfragile predictive control for an omnidirectional rehabilitative training walker with constraints on the tracking errors of position and velocity. Optimal Control Applications and Methods, 2020, 41, 1749-1772.	1.3	0
242	Chemical, optical and photovoltaic properties of TiO ₂ /reduced graphene oxide photoanodes sensitized with Roselle and N719 dyes for dye-sensitized solar cell application. Pigment and Resin Technology, 2020, 49, 315-324.	0.5	6
243	Multiple-Notch Frequency Selective Surface for Automotive Applications. , 2020, , .		3
244	Influence of fibre pretreatments on characteristics of green fabric materials. Polymers and Polymer Composites, 2021, 29, 1039-1054.	1.0	11
245	A Comparative Analysis of Capsule Networks in Content based Image Retrieval tasks: CapsCBIR. , 2020, , .		0
246	Measurement for cracks at the bottom of bridges based on tethered creeping unmanned aerial vehicle. Automation in Construction, 2020, 119, 103330.	4.8	29
247	Real-Time Processor-in-Loop Investigation of a Modified Non-Linear State Observer Using Sliding Modes for Speed Sensorless Induction Motor Drive in Electric Vehicles. Energies, 2020, 13, 4212.	1.6	10
248	Plants inspired algorithms for uncapacitated facility location problems. AIP Conference Proceedings, 2020, , .	0.3	1
249	Reducing nonpriority queues at theme parks. Journal of Hospitality and Tourism Insights, 2021, 4, 531-541.	2.2	2
250	Lactic Acid Fermentation of Arthrospira platensis (Spirulina) in a Vegetal Soybean Drink for Developing New Functional Lactose-Free Beverages. Frontiers in Microbiology, 2020, 11, 560684.	1.5	32
251	Unilateral low-field magnetic resonance measurements of carbonation depth in unsaturated and saturated Portland cement mortars. Cement and Concrete Research, 2020, 138, 106237.	4.6	6
252	Fatigue behaviour of the multi-pass friction stir processed AA8011-H14 and AA6082-T651 dissimilar joints. Engineering Failure Analysis, 2020, 118, 104876.	1.8	22
253	Industry 4.0 solutions supporting Circular Economy. , 2020, , .		4
254	Object Detection Recognition and Robot Grasping Based on Machine Learning: A Survey. IEEE Access, 2020, 8, 181855-181879.	2.6	64

#	ARTICLE	IF	CITATIONS
255	A Review and Analysis of Automatic Optical Inspection and Quality Monitoring Methods in Electronics Industry. IEEE Access, 2020, 8, 183192-183271.	2.6	81
256	Nano-carriers effects on the viability and efficiency of Pseudomonas strains as phosphate solubilizing bacteria. Heliyon, 2020, 6, e05076.	1.4	13
257	Impact of Mobile Augmented Reality System on Cognitive Behavior and Performance during Rebar Inspection Tasks. Journal of Computing in Civil Engineering, 2020, 34, .	2.5	25
258	Structural Optimization of Ship Lock Heads during Construction Period considering Concrete Creep. Mathematical Problems in Engineering, 2020, 2020, 1-17.	0.6	2
259	Strategies to use fibrinogen as bioink for 3D bioprinting fibrin-based soft and hard tissues. Acta Biomaterialia, 2020, 117, 60-76.	4.1	115
260	IEEE 802.11ba Wake-Up Radio: Performance Evaluation and Practical Designs. IEEE Access, 2020, 8, 141547-141557.	2.6	12
261	Research on coupling dynamics and coordinated control of a legged robot. JVC/Journal of Vibration and Control, 2020, , 107754632096087.	1.5	1
262	Effect of Feed Supplement on Sperm Quality and Total Intestinal Bacteria of Fish Exposed by Cadmium. Asian Journal of Water, Environment and Pollution, 2020, 17, 61-64.	0.4	2
263	Parallel computation of time-varying convolution. Journal of New Music Research, 2020, 49, 403-415.	0.6	0
264	Analysis of coupled vibration characteristics of PMS grinding motorized spindle. Journal of Mechanical Science and Technology, 2020, 34, 3497-3515.	0.7	5
265	A complex garment assembly line balancing using simulation-based optimization. Engineering Reports, 2020, 2, e12258.	0.9	10
266	Phase transformation study during diffusion brazing of $\hat{1}^3$ -TiAl intermetallic using amorphous Ni-based filler metals. Materials Science and Technology, 2020, 36, 1639-1647.	0.8	2
267	Machine Learning Techniques for Optical Performance Monitoring and Modulation Format Identification: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 2839-2882.	24.8	70
268	A Comparison of Empirical Correlations of Viscosity and Thermal Conductivity of Water-Ethylene Glycol-Al ₂ O ₃ Nanofluids. Nanomaterials, 2020, 10, 1487.	1.9	16
269	Detecting congestive heart failure by extracting multimodal features with synthetic minority oversampling technique (SMOTE) for imbalanced data using robust machine learning techniques. Waves in Random and Complex Media, 2022, 32, 1079-1102.	1.6	15
270	Optimal Sizing of Battery Energy Storage System in Smart Microgrid with Air-conditioning Resources. , 2020, , .		2
271	Optimal Modelling of $(1 + \hat{1}^{\pm})$ Order Butterworth Filter under the CFE Framework. Fractal and Fractional, 2020, 4, 55.	1.6	8
272	The Curing Simulation And Prediction Of Shape Distortion Of Thermoset Composite Reinforced With 3d Woven. IOP Conference Series: Materials Science and Engineering, 2020, 986, 012041.	0.3	2

#	ARTICLE	IF	CITATIONS
273	Schizophrenia EEG Signal Classification Based on Swarm Intelligence Computing. Computational Intelligence and Neuroscience, 2020, 2020, 1-14.	1.1	23
274	Surface functionalisation of poly-APO-b-polyol ester cross-linked copolymers as core-shell nanoparticles for targeted breast cancer therapy. Scientific Reports, 2020, 10, 21704.	1.6	10
275	High Performance of Salt-Modified LTO Anode in LiFePO ₄ Battery. Applied Sciences (Switzerland), 2020, 10, 7135.	1.3	8
276	In-package atmospheric cold plasma inactivation of Salmonella in freeze-dried pet foods: Effect of inoculum population, water activity, and storage. Innovative Food Science and Emerging Technologies, 2020, 66, 102543.	2.7	13
277	In Vivo Evaluation of Plane Wave Imaging for Abdominal Ultrasonography. Sensors, 2020, 20, 5675.	2.1	3
278	Viscous dissipation effect on Williamson nanofluid over stretching/shrinking wedge with thermal radiation and chemical reaction. Journal of Physics Communications, 2020, 4, 045015.	0.5	17
279	Culture and Differentiation of Human Hair Follicle Dermal Papilla Cells in a Soft 3D Self-Assembling Peptide Scaffold. Biomolecules, 2020, 10, 684.	1.8	28
280	Influence of Ag alloying on the morphology, structure, mechanical properties, thermal stability and oxidation resistance of multilayered TiSiN/Ti(Ag)N films. Materials and Design, 2020, 192, 108703.	3.3	20
281	Analysis of power allocation strategies in the smoothing of wind farm power fluctuations considering lifetime extension of BESS units. Journal of Cleaner Production, 2020, 266, 122045.	4.6	11
282	Collaborative Neural Network Algorithm for Event-Driven Deployment in Wireless Sensor and Robot Networks. Sensors, 2020, 20, 2779.	2.1	3
283	Nanotechnology in the petroleum industry: Focus on the use of nanosilica in oil-well cementing applications - A review. Journal of Petroleum Science and Engineering, 2020, 193, 107397.	2.1	24
284	Acceleration harmonics estimation and elimination with MABC-RLS algorithm: Simulation and experimental analyses on shaking table. Applied Soft Computing Journal, 2020, 92, 106377.	4.1	4
285	Application of the rolling ball algorithm to measure phase volume fraction from backscattered electron images. Materials Characterization, 2020, 163, 110273.	1.9	8
286	Analysis of the measurement uncertainty and its effects on noise mapping validations. Journal of Environmental Management, 2020, 266, 110606.	3.8	5
287	Valorization of waste powders from cement-concrete life cycle: A pathway to circular future. Journal of Cleaner Production, 2020, 268, 122358.	4.6	77
288	Multi scrolls chaotic encryption for physical layer security in OFDM-PON. Optics Communications, 2020, 471, 126009.	1.0	11
289	Digital Microscopic Image Sensing and Processing for Leather Species Identification. IEEE Sensors Journal, 2020, 20, 10045-10056.	2.4	17
290	A Review of Deep Learning Based Methods for Acoustic Scene Classification. Applied Sciences (Switzerland), 2020, 10, 2020.	1.3	89

#	ARTICLE	IF	CITATIONS
291	Strengthen EEG-based emotion recognition using firefly integrated optimization algorithm. Applied Soft Computing Journal, 2020, 94, 106426.	4.1	47
292	Bar Diagnostics of Double Cage or Deep Bar Rotor of an Induction Motor. , 2020, , .		0
293	Comparison of User Models Based on GMM-UBM and I-Vectors for Speech, Handwriting, and Gait Assessment of Parkinsonâ€™s Disease Patients. , 2020, , .		4
294	EEG-based intelligent system for cognitive behavior classification. Journal of Intelligent and Fuzzy Systems, 2020, 39, 177-194.	0.8	3
295	Iminodiacetic acid-functionalized porous polymer for removal of toxic metal ions from water. Journal of Hazardous Materials, 2020, 400, 123188.	6.5	40
296	A Mobile Device-Based Hairy Scalp Diagnosis System Using Deep Learning Techniques. , 2020, , .		5
297	Investigation on fiber laser irradiation of transparent polycarbonate. Journal of Laser Applications, 2020, 32, 032009.	0.8	1
298	Holographic Predictive Search: Extending the scope. Optics Communications, 2020, 467, 125701.	1.0	3
299	Optimal reinforcement framework for distribution system based on life cycle cost and considering uncertainties. International Journal of Sustainable Energy, 2020, 39, 804-821.	1.3	3
300	Intent based recognition of walking and ramp activities for amputee using sEMG based lower limb prostheses. Biocybernetics and Biomedical Engineering, 2020, 40, 1110-1123.	3.3	27
301	Curvature enhanced bearing fault diagnosis method using 2D vibration signal. Journal of Mechanical Science and Technology, 2020, 34, 2257-2266.	0.7	13
302	A Review of the Impact of Integrating Wind Generation on Transient Stability. , 2020, , .		5
303	A Miniature Piezoresistive Transducer and a New Temperature Compensation Method for New Developed SEM-Based Nanoindentation Instrument Integrated With AFM Function. IEEE Access, 2020, 8, 104326-104335.	2.6	1
304	Ultra-high-efficiency luminescent solar concentrator using superimposed colloidal quantum dots. Optical and Quantum Electronics, 2020, 52, 1.	1.5	8
305	Matrix inversionâ€less direct decoding for efficient channel estimation in fifthâ€generation massive MIMO systems. IET Communications, 2020, 14, 865-871.	1.5	3
306	Model-Based Control of a Robotic Fish to Enable 3D Maneuvering Through a Moving Orifice. IEEE Robotics and Automation Letters, 2020, 5, 4719-4726.	3.3	12
307	From coal ashes to solid sorbents for hydrogen storage. Journal of Cleaner Production, 2020, 270, 122355.	4.6	25
308	Anti-swing strategy of overhead cranes based on prescribed performance PID control. International Journal of Wireless and Mobile Computing, 2020, 18, 194.	0.1	1

#	ARTICLE	IF	CITATIONS
309	Batch process fault detection for multi-stage broad learning system. <i>Neural Networks</i> , 2020, 129, 298-312.	3.3	28
310	The effect of injection pressure on the thermal performance and emission characteristics of an oil burner operating on B20 palm oil biodiesel-diesel blend fuel. <i>Fuel</i> , 2020, 278, 118174.	3.4	21
311	An Efficient Algorithm for Power Prediction in PV Generation System. <i>International Journal of Renewable Energy Development</i> , 2020, 9, 207-216.	1.2	4
312	Development of ensemble smoother neural network and its application to history matching of channelized reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2020, 191, 107159.	2.1	13
313	Interactions of the process parameters and mechanical properties of laser butt welds in thin high strength low alloy steel plates. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2020, 234, 665-680.	0.7	8
314	Structural, elastic, magnetic and electronic properties of Ti-based Heusler alloys. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050055.	1.0	12
315	Key Parameters of Proton-conducting Solid Oxide Fuel Cells from the Perspective of Coherence with Models. <i>Fuel Cells</i> , 2020, 20, 323-331.	1.5	2
316	Performance improvement of an optoelectronic oscillator by modifying the optical characteristics of a multimode laser diode. <i>Optics and Laser Technology</i> , 2020, 128, 106263.	2.2	3
317	Antecedents of Cybersecurity Implementation: A Study of the Cyber-Preparedness of U.K. Social Enterprises. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 3826-3837.	2.4	4
318	Analysis of a combined clutch with an electrorheological fluid. <i>Smart Materials and Structures</i> , 2020, 29, 087006.	1.8	11
319	Optimized Intelligent Coordinator for Load Frequency Control in a Two-Area System with PV Plant and Thermal Generator. <i>IETE Journal of Research</i> , 2022, 68, 3876-3886.	1.8	16
320	Screen-printing process of electromagnetic interference (EMI) shielding materials on mulberry paper. <i>Materials and Manufacturing Processes</i> , 2020, 35, 1701-1706.	2.7	15
321	Improved Performance of Passive-Matrix Micro-LED Displays Using a Multi-Function Passivation Structure. <i>IEEE Photonics Journal</i> , 2020, 12, 1-11.	1.0	8
322	Application of the LVRT function for the correct functioning of wind farms. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
323	Analysis of Image Preprocessing Effects in a Landsat Image Simulation. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 2186-2192.	0.9	1
324	A Novel Decision Making Strategy for Computation Offloading in Mobile Edge Computing. , 2020, , .		3
325	Optimal Input Variables Disposition of Artificial Neural Networks Models for Enhancing Time Series Forecasting Accuracy. <i>Applied Artificial Intelligence</i> , 2020, 34, 792-815.	2.0	10
326	Effects of Nano yttrium and Spark Plasma Sintering on the Mechanical Properties of AA2024 Matrix Composites. <i>Metals and Materials International</i> , 2021, 27, 4626-4637.	1.8	4

#	ARTICLE	IF	CITATIONS
327	Optimal rational approximation of bandpass Butterworth filter with symmetric fractional-order roll-off. <i>AEU - International Journal of Electronics and Communications</i> , 2020, 117, 153106.	1.7	10
328	Effect of cold deformation and heat treatment on microstructure and mechanical properties of TC21 Ti alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 1290-1299.	1.7	33
329	Novel N-cadherin antagonist causes glioblastoma cell death in a 3D bioprinted co-culture model. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 162-168.	1.0	20
330	Theoretical and experimental optimization of DMT-based visible light communication under lighting constraints. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2020, 2020, .	1.5	9
331	Microstructural damage and fracture mechanisms of selective laser melted Al-Si alloys under fatigue loading. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 106, 102483.	2.1	20
332	Fast Chaotic Encryption for Hyperspectral Images. , 0, , .		2
333	A Novel Multi-Criteria Decision-Making Model for Building Material Supplier Selection Based on Entropy-AHP Weighted TOPSIS. <i>Entropy</i> , 2020, 22, 259.	1.1	144
334	Development and implementation of a laser headlight system for electro-optic characteristic measurement and comparison. <i>International Journal of Circuit Theory and Applications</i> , 2020, 48, 294-307.	1.3	4
336	Shear Strengthening of Reinforced Concrete T-Beams by Using Fiber-Reinforced Polymer Composites: A Data Analysis. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 4203-4234.	1.7	9
337	Wire arc additive manufacturing of Ti6Al4V using active interpass cooling. <i>Materials and Manufacturing Processes</i> , 2020, 35, 845-851.	2.7	31
338	Photovoltaic power forecast using empirical models and artificial intelligence approaches for water pumping systems. <i>Renewable Energy</i> , 2020, 153, 1016-1028.	4.3	44
339	The laser power effect on the performance of gas leak detector based on laser photo-acoustic spectroscopy. <i>Sensors and Actuators A: Physical</i> , 2020, 305, 111914.	2.0	8
340	Damage and healing mechanics in plane stress, plane strain, and isotropic elasticity. <i>International Journal of Damage Mechanics</i> , 2020, 29, 1246-1270.	2.4	13
341	Equimolar cation exchange of polyacrylamide in smectite. <i>Applied Clay Science</i> , 2020, 188, 105501.	2.6	4
342	Dynamic mode decomposition analysis of plasma aeroelastic control of airfoils in cascade. <i>Journal of Fluids and Structures</i> , 2020, 94, 102901.	1.5	7
343	A study on the simulation-based installation shape design method of steel lazy wave riser (SLWR) in ultra deepwater depth. <i>Ocean Engineering</i> , 2020, 197, 106902.	1.9	12
344	Thermo-oxidative evolution and physico-chemical characterization of seashell waste for application in commercial sectors. <i>Thermochimica Acta</i> , 2020, 686, 178568.	1.2	8
345	Preparation, characterization and antitumor activity of a cationic starch-derivative membrane embedded with a β -cyclodextrin/curcumin inclusion complex. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 140-152.	3.6	41

#	ARTICLE	IF	CITATIONS
346	The Use of Artificial Neural Networks for Forecasting of Air Temperature inside a Heated Foil Tunnel. Sensors, 2020, 20, 652.	2.1	31
347	Security threats, detection, and countermeasures for physical layer in cognitive radio networks: A survey. Physical Communication, 2020, 39, 101001.	1.2	50
348	Comparison of petroleum biodegradation efficiencies of three different bacterial consortia determined in petroleum-contaminated waste mud pit. SN Applied Sciences, 2020, 2, 1.	1.5	20
349	Recognition of different Longjing fresh tea varieties using hyperspectral imaging technology and chemometrics. Journal of Food Process Engineering, 2020, 43, e13378.	1.5	20
350	Cyclometalation of lanthanum (La^{III}) based MOF for catalytic hydrogenation of carbon dioxide to formate. RSC Advances, 2020, 10, 3593-3605.	1.7	35
351	Monolithic Micro Light-Emitting Diode/Metal Oxide Nanowire Gas Sensor with Microwatt-Level Power Consumption. ACS Sensors, 2020, 5, 563-570.	4.0	87
352	Preparation and application of fly ash-based geopolymer for heavy metal removal. AIP Conference Proceedings, 2020, , .	0.3	7
353	Phase imaging based on modified transport of intensity equation using liquid crystal variable retarder with partial coherent illumination. Optical Review, 2020, 27, 142-148.	1.2	11
354	On-Board and Train-to-Wayside Free Space Optical Link: Design and Characterization. Journal of Physics: Conference Series, 2020, 1447, 012030.	0.3	2
355	Research on defect detection method for high-reflective-metal surface based on high dynamic range imaging. Optik, 2020, 206, 164349.	1.4	9
356	An Ensemble Learning and RUL Prediction Method Based on Bearings Degradation Indicator Construction. Applied Sciences (Switzerland), 2020, 10, 346.	1.3	13
357	<i>Lactobacillus plantarum</i> KFY02 enhances the relieving effect of gardenoside on montmorillonite induced constipation in mice. RSC Advances, 2020, 10, 10368-10381.	1.7	14
358	Aeroelastic Performance Analysis of Wind Turbine in the Wake with a New Elastic Actuator Line Model. Water (Switzerland), 2020, 12, 1233.	1.2	14
359	Decentralized Greedy-Based Algorithm for Smart Energy Management in Plug-in Electric Vehicle Energy Distribution Systems. IEEE Access, 2020, 8, 75666-75681.	2.6	34
360	Electrochemical characteristics of thin heterogeneous ion exchange membranes. Journal of Membrane Science, 2020, 604, 118081.	4.1	17
361	Real time monitoring of slow pyrolysis of polyethylene terephthalate (PET) by different mass spectrometric techniques. Waste Management, 2020, 106, 226-239.	3.7	55
362	Photocatalytic Degradation of Malachite Green Dye by Plant-mediated Biosynthesized Zinc Oxide Nanoparticles. IOP Conference Series: Materials Science and Engineering, 2020, 808, 012034.	0.3	13
363	ADPM: An Alzheimer's Disease Prediction Model for Time Series Neuroimage Analysis. IEEE Access, 2020, 8, 62601-62609.	2.6	3

#	ARTICLE	IF	CITATIONS
364	A New Power Sharing Scheme of Multiple Microgrids and an Iterative Pairing-Based Scheduling Method. <i>Energies</i> , 2020, 13, 1605.	1.6	2
365	Triethyleneglycol dimethacrylate addition improves the 3D-printability and construct properties of a GelMA-nHA composite system towards tissue engineering applications. <i>Materials Science and Engineering C</i> , 2020, 112, 110937.	3.8	18
366	Functional and Bioactive Properties of Gelatin Extracted from Aquatic Bioresources – A Review. <i>Food Reviews International</i> , 2022, 38, 812-855.	4.3	24
367	Weak fault detection for wind turbine bearing based on ACYCBD and IESB. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 1399-1413.	0.7	22
368	Effects of annealing temperature on the crystal structure, optical and photocatalytic properties of Bi ₂ O ₃ needles. <i>Applied Surface Science</i> , 2020, 520, 146294.	3.1	32
369	Power forecasting-based coordination dispatch of PV power generation and electric vehicles charging in microgrid. <i>Renewable Energy</i> , 2020, 155, 1191-1210.	4.3	42
370	Insights into the accumulation and transformation of Ch-SeNPs by <i>Raphanus sativus</i> and <i>Brassica juncea</i> : Effect on essential elements uptake. <i>Science of the Total Environment</i> , 2020, 725, 138453.	3.9	22
371	Combining CNN and Broad Learning for Music Classification. <i>IEICE Transactions on Information and Systems</i> , 2020, E103.D, 695-701.	0.4	11
372	Optimal sizing of distributed energy resources and battery energy storage system in planning of islanded micro-grids based on life cycle cost. <i>Energy Systems</i> , 2021, 12, 637-656.	1.8	6
373	Numerical simulation of rail surface-initiated rolling contact fatigue in the switch panel of railway turnouts. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2021, 235, 155-165.	1.3	7
374	Enhanced F-OFDM candidate for 5G applications. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 635-652.	3.3	6
375	KOH ratio effect, characterization, and kinetic modeling of methylene blue from aqueous medium using activated carbon from <i>Thevetia peruviana</i> shell. <i>Chemical Engineering Communications</i> , 2021, 208, 1189-1208.	1.5	7
376	Detecting safety helmet wearing on construction sites with bounding box regression and deep transfer learning. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2021, 36, 180-196.	6.3	73
377	Evaluation of recycled asphalt mixtures rejuvenated with <i>Madhuca longifolia</i> (Mahua) oil. <i>International Journal of Pavement Research and Technology</i> , 2021, 14, 43-53.	1.3	17
378	Using Technology to Enhance PD Performance: A Comparative Case Study 3-D Scanning Technology Deployment. <i>EMJ - Engineering Management Journal</i> , 2021, 33, 141-154.	1.4	1
379	Green Strategies to Printed Sensors for Healthcare Applications. <i>Polymer Reviews</i> , 2021, 61, 116-156.	5.3	30
380	Metal-insulator-metal nano square ring resonator for gas sensing applications. <i>Waves in Random and Complex Media</i> , 2021, 31, 146-156.	1.6	46
381	Microbial Fuel Cell – A Sustainable Approach for Simultaneous Wastewater Treatment and Energy Recovery. <i>Journal of Water Process Engineering</i> , 2021, 40, 101768.	2.6	32

#	ARTICLE	IF	CITATIONS
382	Estimating Generated Power of Photovoltaic Systems During Cloudy Days Using Gene Expression Programming. IEEE Journal of Photovoltaics, 2021, 11, 185-194.	1.5	6
383	Magneto-hydrodynamic thermal convection of Cu-Al ₂ O ₃ /water hybrid nanofluid saturated with porous media subjected to half-sinusoidal nonuniform heating. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1727-1753.	2.0	88
384	Path following of under-actuated ships based on model predictive control with state observer. Journal of Marine Science and Technology, 2021, 26, 408-418.	1.3	14
385	Sonochemical production of hydrogen: A numerical model applied to the recovery of aqueous methanol waste under oxygen-argon atmosphere. Environmental Progress and Sustainable Energy, 2021, 40, e13511.	1.3	14
386	Acid-treated clay materials (Southwestern Tunisia) for removing sodium leuco-vat dye: Characterization, adsorption study and activation mechanism. Journal of Molecular Structure, 2021, 1223, 128944.	1.8	44
387	A rain energy harvester using a self-release tank. Mechanical Systems and Signal Processing, 2021, 147, 107099.	4.4	30
388	An Analytical Approach to Assess the Influence of Shield Wires in Improving the Lightning Performance Due to Indirect Strokes. IEEE Transactions on Power Delivery, 2021, 36, 1491-1498.	2.9	7
389	From Acetate to Bio-Based Products: Underexploited Potential for Industrial Biotechnology. Trends in Biotechnology, 2021, 39, 397-411.	4.9	95
390	Steel mill scale waste and granite powder waste in concrete production -An experimental study. Materials Today: Proceedings, 2021, 37, 1748-1752.	0.9	11
391	Performance assessment of the metaheuristic optimization algorithms: an exhaustive review. Artificial Intelligence Review, 2021, 54, 2323-2409.	9.7	106
392	Transmission Capability Assessment of Distributed Energy Resources Using Measurement-Based Site-Dependent Single-Port Model. IEEE Transactions on Power Systems, 2021, 36, 1515-1525.	4.6	0
393	A one-pot strategy for nanocrystalline coating of micro- and nanoparticles. Materials Chemistry and Physics, 2021, 257, 123829.	2.0	2
394	Validity of an instrumented knee brace compared to 3D motion navigation: A cadaveric investigation. Measurement: Journal of the International Measurement Confederation, 2021, 173, 108590.	2.5	2
395	Cybersecurity in ports and maritime industry: Reasons for raising awareness on this issue. Transport Policy, 2021, 100, 1-4.	3.4	38
396	Surface Modification of Magnetic Mesoporous Systems with Aminopropyl Groups and Their Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1347-1358.	1.9	2
397	Bivariate grid-connection speed control of hydraulic wind turbines. Journal of the Franklin Institute, 2021, 358, 296-320.	1.9	8
398	Prepared for work in Industry 4.0? Modelling the target activity system and five dimensions of worker readiness. International Journal of Computer Integrated Manufacturing, 2021, 34, 1-19.	2.9	30
399	Facile preparation and characterization of nanostructured ZnO/CuO composite thin film for sweat concentration sensing applications. Materials Science in Semiconductor Processing, 2021, 121, 105428.	1.9	26

#	ARTICLE	IF	CITATIONS
400	Measurement and inspection of electrical discharge machined steel surfaces using deep neural networks. <i>Machine Vision and Applications</i> , 2021, 32, 1.	1.7	14
401	Key resources for industry 4.0 adoption and its effect on sustainable production and circular economy: An empirical study. <i>Journal of Cleaner Production</i> , 2021, 281, 125233.	4.6	175
402	Optimal analog-to-digital transformation of fractional-order Butterworth filter using binomial series expansion with Alâ€Alaoui operator. <i>International Journal of Circuit Theory and Applications</i> , 2021, 49, 44-79.	1.3	3
403	Experimental study on comprehensive geophysical advanced prediction of water-bearing structure of shaft. <i>Acta Geodaetica Et Geophysica</i> , 2021, 56, 193-209.	0.7	1
404	Nonlinear vector model control of underactuated air cushion vehicle based on parameter reduction algorithm. <i>Transactions of the Institute of Measurement and Control</i> , 2021, 43, 1202-1211.	1.1	4
405	Aerodynamic optimization of a SCO ₂ radial-inflow turbine based on an improved simulated annealing algorithm. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2021, 235, 1039-1052.	0.8	8
406	Investigation of the performance of asphalt binder modified by sargassum. <i>Construction and Building Materials</i> , 2021, 271, 121876.	3.2	11
407	Switchable multi-wavelength and tunable waveband fiber laser based on a thermal sensitive filter. <i>Optics Communications</i> , 2021, 482, 126613.	1.0	6
408	Fabrication of a strain sensor based on polymer/silver nanowires nanocomposite for medical applications: Siloxane based versus urethane based nanocomposites. <i>Polymer Composites</i> , 2021, 42, 1440-1450.	2.3	16
409	Digital audio watermarking using minimum-amplitude scaling on optimized DWT low-frequency coefficients. <i>Multimedia Tools and Applications</i> , 2021, 80, 2413-2439.	2.6	2
410	Predicting property prices with machine learning algorithms. <i>Journal of Property Research</i> , 2021, 38, 48-70.	1.7	92
411	Improved clustering algorithms for image segmentation based on non-local information and back projection. <i>Information Sciences</i> , 2021, 550, 129-144.	4.0	39
412	Air void and ring gap effect on CFST arch bridges dynamic performance. <i>Journal of Constructional Steel Research</i> , 2021, 177, 106418.	1.7	7
413	Influence of Montmorillonite and Clinoptilolite on the Properties of Starch/Minerals Biocomposites and Their Effect on Aquatic Environments. <i>Journal of Polymers and the Environment</i> , 2021, 29, 382-391.	2.4	3
414	Adaptive fuzzy sliding mode formation controller for autonomous underwater vehicles with variable payload. <i>International Journal of Intelligent Unmanned Systems</i> , 2021, 9, 133-166.	0.6	5
415	Analysis of the Time and Phase Delay Resolutions in Ultrasound Baseband I/Q Beamformers. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1690-1701.	2.5	1
416	Influence of hydraulic and organic load on the anaerobic-aerobic dairy wastewater treatment characteristics. <i>E3S Web of Conferences</i> , 2021, 247, 01002.	0.2	0
417	Comparison of Classification Analysis Using LASSO and Principal Component Analysis for Kidney Cancer. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 160-167.	0.5	0

#	ARTICLE	IF	CITATIONS
418	Internet of Things Applications, Security Challenges, Attacks, Intrusion Detection, and Future Visions: A Systematic Review. IEEE Access, 2021, 9, 59353-59377.	2.6	111
419	Feature extraction of finger-vein patterns based on boosting evolutionary algorithm and its application for IoT identity and access management. Multimedia Tools and Applications, 2021, 80, 14829-14851.	2.6	4
420	Equipment maintenance task prediction model analysis based on BAS-PSO hybrid optimization algorithm. Systems Science and Control Engineering, 2021, 9, 455-466.	1.8	1
421	The frontiers of functionalized graphene-based nanocomposites as chemical sensors. Nanotechnology Reviews, 2021, 10, 330-369.	2.6	31
422	Numerical Modelling of Stochastic Fatigue Damage Accumulation in Thick Composites. Lecture Notes in Civil Engineering, 2021, , 776-787.	0.3	3
424	Evolution of Fatigue Crack Growth Phenomena in Friction Stir Welded AA2xxx Alloys. Key Engineering Materials, 0, 875, 227-237.	0.4	0
425	General Statistics-Based Methodology for the Determination of the Geometrical and Mechanical Representative Elementary Volumes of Fractured Media. Rock Mechanics and Rock Engineering, 2021, 54, 1841-1861.	2.6	10
426	Very high cycle fatigue life and critical defect size: Modeling of statistical size effects. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 1209-1224.	1.7	19
427	Frequency coordinated control strategy based on sliding mode method for a microgrid with hybrid energy storage system. IET Generation, Transmission and Distribution, 2021, 15, 1962-1971.	1.4	6
428	Path following of ship based on sliding mode control with improved RBF neural network and virtual circle. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2021, 39, 216-223.	0.3	7
429	Flow over a Needle Moving in a Stream of Dissipative Fluid Having Variable Viscosity and Thermal Conductivity. Arabian Journal for Science and Engineering, 2021, 46, 7295-7302.	1.7	10
430	Order-statistic filtering Fourier decomposition and its application to rolling bearing fault diagnosis. JVC/Journal of Vibration and Control, 2022, 28, 1605-1620.	1.5	7
431	Electromagnetic pollution alert: Microwave radiation and absorption in human organs and tissues. Electromagnetic Biology and Medicine, 2021, 40, 236-253.	0.7	29
432	One-dimensional semi-analytical model on longitudinal thermal loads of a tram track pile-plank structure buried beneath the pavement. Archives of Civil and Mechanical Engineering, 2021, 21, 1.	1.9	4
433	Ultrafast charging of energy-dense lithium-ion batteries for urban air mobility. ETransportation, 2021, 7, 100103.	6.8	46
434	Photodegradation of organic dyes and antibacterial activity of Escherichia coli and Staphylococcus aureus by ZnO nanoparticles under UVA radiation. Materials Technology, 0, , 1-9.	1.5	0
435	Performance of carbon fibre-reinforced pervious concrete (CFRPC) subjected to static, cyclic and impact loads. International Journal of Pavement Engineering, 2022, 23, 3113-3128.	2.2	4
436	Marine predators algorithm for parameters estimation of photovoltaic modules considering various weather conditions. Neural Computing and Applications, 2021, 33, 11799-11819.	3.2	30

#	ARTICLE	IF	CITATIONS
437	Numerical modeling of a ballastless track mockup based on asphalt. <i>Construction and Building Materials</i> , 2021, 274, 121852.	3.2	8
438	A watermarking scheme for source authentication, ownership identification, tamper detection and restoration for color medical images. <i>Multimedia Tools and Applications</i> , 2021, 80, 23815.	2.6	5
439	A compact and high efficiency intracavity OPO based on periodically poled lithium niobate. <i>Scientific Reports</i> , 2021, 11, 5079.	1.6	9
440	Influence of various types of clays on velocity dependence of friction composites. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021, 235, 2415-2431.	1.0	6
441	Adaptive sliding mode repetitive learning control of the upper-limb exoskeleton with unknown dynamics. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2021, 235, 1638-1649.	0.7	0
442	Simple and low-cost synthesis of Al-doped ZnO/CuO composite nanowires for highly efficient hydration level sensing. <i>Ceramics International</i> , 2021, 47, 11405-11414.	2.3	3
443	3D Cluster-Based Ray Tracing Technique for Massive MIMO Channel Modeling. <i>Advanced Electromagnetics</i> , 2021, 10, 36-45.	0.7	1
444	Research on rotary nozzle structure and flow field of the spinneret for centrifugal spinning. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50832.	1.3	8
445	Photocatalytic degradation of volatile organic compounds using nanocomposite of P-type and N-type transition metal semiconductors. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 605-614.	1.1	8
446	Comparison of Novel Seismic Protection Devices to Attenuate the Earthquake Induced Energy. <i>Actuators</i> , 2021, 10, 73.	1.2	2
447	The spherical primitive and perlin noise method to recreate realistic aggregate shapes. <i>Granular Matter</i> , 2021, 23, 1.	1.1	6
448	Electrospun PU/MgO/Ag Nanofibers for Antibacterial Activity and Flame Retardency. <i>Clothing and Textiles Research Journal</i> , 2023, 41, 236-253.	2.2	4
450	Integrated Multiple-Defect Detection and Evaluation of Rail Wheel Tread Images using Convolutional Neural Networks. <i>International Journal of Prognostics and Health Management</i> , 2021, 12, .	0.6	2
451	Classification of bird sounds as an early warning method of forest fires using Convolutional Neural Network (CNN) algorithm. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 4345-4357.	2.7	13
452	Enhanced heat transfer in H ₂ O inspired by Al ₂ O ₃ and $\hat{1}^3$ Al ₂ O ₃ nanomaterials and effective nanofluid models. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402110236.	0.8	5
453	Application of Carbonized Starches as Carbon Electrode Active Material Compared to Graphene Nanoplatelets-Based Anode in a Lithium-Ion Cell. <i>Waste and Biomass Valorization</i> , 2021, 12, 6403-6422.	1.8	4
454	Study on flow field and aerodynamic noise of electric vehicle rearview mirror. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2022, 236, 724-737.	1.1	1
455	A hybrid deep learning algorithm for short-term electric load forecasting. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
456	Cross-sectional microanalysis for tracking the effect of solvent on the morphological evaluation of PLA/AgNWs bionanocomposites. <i>Polymers and Polymer Composites</i> , 0, , 096739112110230.	1.0	0
457	Chemo-Rheological Characterization of the Effect of Iran Rock Asphalt on the Performance of Waste Bio-Oil Modified Asphalts. <i>Transportation Research Record</i> , 2021, 2675, 1324-1338.	1.0	7
458	Deep neural network for automated simultaneous intervertebral disc (IVDs) identification and segmentation of multi-modal MR images. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 205, 106074.	2.6	14
459	Nonlinear/dispersion compensation in dual polarization 128-QAM system incorporating optical backpropagation. <i>Journal of Optical Communications</i> , 2024, 44, s1581-s1586.	4.0	7
460	($N + \hat{1}$)-Order low-pass and high-pass filter transfer functions for non-cascade implementations approximating butterworth response. <i>Fractional Calculus and Applied Analysis</i> , 2021, 24, 689-714.	1.2	5
461	A denoising method for ship radiated noise based on Spearman variational mode decomposition, spatial-dependence recurrence sample entropy, improved wavelet threshold denoising, and Savitzky-Golay filter. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 3379-3400.	3.4	64
462	Modelling and evaluating moisture susceptibility of laboratory prepared asphalt concrete mixtures. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101512.	3.5	2
463	ZnO nanostructures: synthesis by anodization and applications in photoelectrocatalysis. <i>Reviews in Chemical Engineering</i> , 2022, 38, 1065-1088.	2.3	1
464	An architecture to facilitate the integration of human workers in Industry 4.0 environments. <i>International Journal of Production Research</i> , 2022, 60, 4778-4796.	4.9	25
465	Hybrid Meta-heuristic Approach for Workflow Scheduling in IaaS Cloud. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 9101-9113.	1.7	1
466	Condition-based maintenance in hydroelectric plants: A systematic literature review. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2022, 236, 631-646.	0.6	1
467	Application of metal oxides-based nanofluids in PV/T systems: a review. <i>Frontiers in Energy</i> , 2022, 16, 397-428.	1.2	4
468	Electrospun wound dressings containing bioactive natural products: physico-chemical characterization and biological assessment. <i>Biomaterials Research</i> , 2021, 25, 23.	3.2	31
469	Fuzzy Guided Autonomous Nursing Robot through Wireless Beacon Network. <i>Multimedia Tools and Applications</i> , 2021, , 1-29.	2.6	8
470	Rapid ash content determination method for coal particles through images captured under multiple ring light sources with various incident angles. <i>Fuel</i> , 2021, 296, 120528.	3.4	9
471	Copper-Doped ZnO Thin Films Deposited by Spray Pyrolysis: Effect of Water Content in Starting Solution on Methylene Blue Degradation by Photocatalysis. <i>Journal of Electronic Materials</i> , 2021, 50, 5542-5552.	1.0	7
472	Application of total interpretive structural modeling for analyzing factors of additive manufacturing and industry 4.0 integration. <i>Rapid Prototyping Journal</i> , 2021, 27, 1591-1608.	1.6	13
473	Molecular transport of aliphatic alcohols through expanded polystyreneâ€“polyvinyl alcohol thin films. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	0.8	0

#	ARTICLE	IF	CITATIONS
474	Assessment and design of real world driving cycles targeted to the calibration of vehicles with electrified powertrain. International Journal of Engine Research, 2021, 22, 3503-3518.	1.4	9
475	Near-infrared spectroscopy and hyperspectral imaging can aid in the prediction and mapping of polyploid acacia hybrid wood properties in tree improvement programs. Holzforschung, 2021, 75, 1067-1080.	0.9	4
476	A Review of Deep Reinforcement Learning for Smart Building Energy Management. IEEE Internet of Things Journal, 2021, 8, 12046-12063.	5.5	136
477	Keypoint detectors and texture analysis based comprehensive comparison in different color spaces for automatic detection of the optic disc in retinal fundus images. SN Applied Sciences, 2021, 3, 1.	1.5	0
478	BCH encoded robust and blind audio watermarking with tamper detection using hash. Multimedia Tools and Applications, 2021, 80, 32925-32945.	2.6	8
479	Electricity production and comparative analysis for wind availability power potential assessment at four sites in Egypt. Wind Engineering, 0, , 0309524X2110445.	1.1	0
480	Bifurcation analysis of vortex-induced vibration of low-dimensional models of marine risers. Nonlinear Dynamics, 2021, 106, 147-167.	2.7	23
481	Clay Minerals Effects for Metal Reclamation from Leached Solution. , 0, , .		0
482	A novel self-learning weighted fuzzy local information clustering algorithm integrating local and non-local spatial information for noise image segmentation. Applied Intelligence, 2022, 52, 6376-6397.	3.3	10
483	Hybrid prediction method of load-carrying capacity considering boundary condition of expansion joint sleeve and rotation angle of spindle. Journal of Mechanical Science and Technology, 2021, 35, 4605-4615.	0.7	2
484	Low Temperature Resistance Increase for Bitumen by Compounding with Tar. Applied Sciences (Switzerland), 2021, 11, 8579.	1.3	4
485	SolarNet: A hybrid reliable model based on convolutional neural network and variational mode decomposition for hourly photovoltaic power forecasting. Applied Energy, 2021, 300, 117410.	5.1	63
486	Elastic and magnetic properties of Tb-MnO based thin films. Journal of Magnetism and Magnetic Materials, 2021, 537, 168199.	1.0	0
487	Defect classification based on deep features for railway tracks in sustainable transportation. Applied Soft Computing Journal, 2021, 111, 107706.	4.1	36
488	HoloGen: An open-source toolbox for high-speed hologram generation. Computer Physics Communications, 2022, 270, 108139.	3.0	2
489	High-Frequency Noise Removal on Corrupted ECG Signal Using Exponential Averagers. Communications in Computer and Information Science, 2021, , 43-54.	0.4	3
490	Influence of the characteristics of isolation and mitigation devices on the response of single-degree-of-freedom vibro-impact systems with two-sided bumpers and gaps via shaking table tests. Structural Control and Health Monitoring, 2020, 27, e2517.	1.9	19
491	Categories, Musical Instruments, and Drawings: A Unification Dream. Lecture Notes in Computer Science, 2019, , 59-72.	1.0	3

#	ARTICLE	IF	CITATIONS
492	Preliminary Study of an Energy Harvesting System for Road Pavements Made with Marginal Aggregate. Lecture Notes in Civil Engineering, 2020, , 101-113.	0.3	5
493	Potentials of activated carbon produced from biomass materials for sequestration of dyes, heavy metals, and crude oil components from aqueous environment. Applied Water Science, 2020, 10, 1.	2.8	105
494	Adsorption of Phenol from Wastewater Using Microwave-Assisted Ag@Au Nanoparticle-Modified Mango Seed Shell-Activated Carbon. International Journal of Environmental Research, 2020, 14, 215-233.	1.1	13
495	ACO-IBR: a modified intersection-based routing approach for the VANET. IET Networks, 2020, 9, 348-359.	1.1	5
496	Path plan strategy of an underwater robot to approach a moving emitter while maximising sound intensity measurements. IET Radar, Sonar and Navigation, 2019, 13, 795-801.	0.9	7
497	Blockchain based transactive energy systems for voltage regulation in active distribution networks. IET Smart Grid, 2020, 3, 646-656.	1.5	25
498	Prediction of shear strength parameters of hydrocarbon contaminated sand based on machine learning methods. Georisk, 2021, 15, 317-335.	2.6	7
499	Dataset. , 2019, , .		9
500	"SmartPointer". , 2019, , .		3
501	Preventive effect of Lactobacillus plantarum HFY09 on HCl/ethanol-induced gastric injury in mice. Applied Biological Chemistry, 2020, 63, .	0.7	3
502	Improving holographic search algorithms using sorted pixel selection. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 1456.	0.8	4
503	Hydro-elastic analysis of standing submerged structures under seismic excitations with SPH-FEM approach. Latin American Journal of Solids and Structures, 2020, 17, .	0.6	5
504	Synthesis of Multi-walled Carbon Nanotubes Decorated with ZnO/Ag Nanoparticles by Co-precipitation Method. Nanoscience and Nanotechnology - Asia, 2020, 10, 127-133.	0.3	39
505	Analysis of Continuous Manufacturing Process of Oral Solid Dosage Using Neural Network. Journal of the Society of Powder Technology, Japan, 2021, 58, 414-423.	0.0	4
506	Training Convolutional Neural Networks to Detect Waste in Train Carriages. , 2021, , .		0
507	Assessment of spatiotemporal variability of precipitation using entropy indexes: a case study of Beijing, China. Stochastic Environmental Research and Risk Assessment, 2022, 36, 939-953.	1.9	10
508	Impact of Cr substitution on the structural, morphological, dielectric, and electrical properties of MgCo ₂ O ₄ nanoparticles synthesized via solid-state reaction route. Results in Surfaces and Interfaces, 2021, 5, 10	1.0	0
509	Collaborative Safe Escape in Digital Transformation. IFIP Advances in Information and Communication Technology, 2019, , 431-444.	0.5	2

#	ARTICLE	IF	CITATIONS
510	Predicting Structure Dynamic Acceleration Based on Measured Strain. Mechanisms and Machine Science, 2020, , 1273-1282.	0.3	0
511	Deep Reinforcement Learning Based Resource Allocation For Narrowband Cognitive Radio-IoT Systems. Procedia Computer Science, 2020, 175, 315-324.	1.2	11
512	A Two-Level Approach based on Integration of Bagging and Voting for Outlier Detection. Journal of Data and Information Science, 2020, 5, 111-135.	0.5	2
513	Optimizing linear phased array transducers for non-destructive evaluation of thin layers. International Review of Applied Sciences and Engineering, 2020, 11, 147-156.	0.3	0
514	AUTHENTICATION OF PERSONAL COMPUTERS WITH UNSTABLE INTERNAL NOISE. International Journal of Computing, 0, , 569-574.	1.5	1
515	Dynamic simulation of gas turbines via feature similarity-based transfer learning. Frontiers in Energy, 2020, 14, 817-835.	1.2	10
516	Prospects of nanocomposite membranes in commercial scale. , 2020, , 457-473.		0
517	A 3D Flower Modeling Method Based on a Single Image. Lecture Notes in Computer Science, 2020, , 422-433.	1.0	0
518	Gain Scheduling Model Predictive Path Tracking Controller for Autonomous Vehicle on Highway Scenario. Lecture Notes in Mechanical Engineering, 2020, , 461-473.	0.3	0
519	High-resolution holographic 3D display method by direct coding of light field images. , 2020, , .		0
520	Synthesis of Solar Photovoltaic Systems: Optimal Sizing Comparison. Lecture Notes in Computer Science, 2020, , 87-105.	1.0	0
521	Intelligent coordinators for automatic voltage regulator and power system stabiliser in a multi-machine power system. IET Generation, Transmission and Distribution, 2020, 14, 5480-5490.	1.4	19
522	EO/IR imaging systems countermeasures and camouflage: capabilities and new technological challenges. , 2020, , .		2
523	Spatially continuous transformer online temperature monitoring based on distributed optical fibre sensing technology. High Voltage, 2022, 7, 336-345.	2.7	11
524	Reconfigurable bandstop filter using active frequency selective surface, design and fabrication. Frequenz, 2022, 76, 17-28.	0.6	0
525	Simulation investigation on flow and combustion characteristics in a high temperature rise combustor based on RQL under different primary holes spacing. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	1
526	LÃ©vy flight and chaos theory-based gravitational search algorithm for mechanical and structural engineering design optimization. Open Computer Science, 2021, 11, 509-529.	1.3	5
527	MAXIMIZING OUTPUT VOLTAGE OF A PIEZOELECTRIC ENERGY HARVESTER VIA BEAM DEFLECTION METHOD FOR LOW-FREQUENCY INPUTS. IIUM Engineering Journal, 2022, 23, 434-446.	0.5	1

#	ARTICLE	IF	CITATIONS
528	Mapping the links between Industry 4.0, circular economy and sustainability: a systematic literature review. <i>Journal of Enterprise Information Management</i> , 2022, 35, 1-35.	4.4	60
529	Tailoring variations in the linear optical and radiation shielding parameters of PVA polymeric composite films doped with rare-earth elements. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	1.1	22
530	Machinability Study on CNC Turning of Stainless Steel 303 with CVD Multi-Layer (TiN/Al ₂ O ₃ /TiCN) Coated Carbide Insert by using Grey-Fuzzy Logic Approach. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 0, , 095440892210787.	1.4	1
531	Biosurfactants from lactic acid bacteria: A critical review on production, extraction, structural characterization and food application. <i>Food Bioscience</i> , 2022, 46, 101598.	2.0	25
533	MICROBIAL SURFACTANTS: CLASSIFICATIONS, PROPERTIES, RECOVERY, AND APPLICATIONS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2022, 84, 35-45.	0.3	2
534	Deep Optimization of Parametric IIR Filters for Audio Equalization. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2022, 30, 1136-1149.	4.0	5
535	Lead induced-toxicity in vegetables, its mitigation strategies, and potential health risk assessment: a review. <i>International Journal of Environmental Science and Technology</i> , 0, , 1.	1.8	2
536	Sea ice concentration impacts dissolved organic gases in the Canadian Arctic. <i>Biogeosciences</i> , 2022, 19, 1021-1045.	1.3	9
537	A new image encryption based on bit replacing, chaos and DNA coding techniques. <i>Multimedia Tools and Applications</i> , 2022, 81, 27453-27493.	2.6	37
538	Green fabrication of iron nanoparticles decorated with amine functionality for the remediation of lead ions from aqueous solutions. <i>Surfaces and Interfaces</i> , 2022, 30, 101909.	1.5	4
539	Lithium recovery from a simulated geothermal fluid by a combined selective precipitation and solvent extraction method. <i>Geothermics</i> , 2022, 102, 102388.	1.5	4
540	Characteristics of air-liquid heat and mass transfer in a bubble column humidifier. <i>Applied Thermal Engineering</i> , 2022, 209, 118240.	3.0	8
541	Mobile robot path planning using fuzzy enhanced improved Multi-Objective particle swarm optimization (FIMOPSO). <i>Expert Systems With Applications</i> , 2022, 198, 116875.	4.4	24
542	Fuzzy mixed integer linear programming model for national level monthly unit commitment under price-based uncertainty: A case study in Thailand. <i>Electric Power Systems Research</i> , 2022, 209, 107963.	2.1	6
543	Effect of glass fibers and waste engine oil on the properties of RAP asphalt concretes. <i>International Journal of Pavement Engineering</i> , 2022, 23, 5227-5238.	2.2	12
545	Implementation of Lean Kaizen to Reduce Waiting Time for the Indonesian Health Social Security Agency Prescription Services in Hospital Pharmacy Installation Implementation of Lean Kaizen to Reduce Waiting Time for the Indonesian Health Social Security Agency Prescription Services in Hospital Pharmacy Installation. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2021, 9, 1495-1503.	0.1	2
546	Trajectory Tracking Using Linear State Feedback Controller for a Mecanum Wheel Omnidirectional. <i>Mechanisms and Machine Science</i> , 2022, , 411-421.	0.3	5
548	Adoption of technological innovation and recycling practices in automobile sector: under the Covid-19 pandemic. <i>Operations Management Research</i> , 2022, 15, 298-306.	5.0	14

#	ARTICLE	IF	CITATIONS
550	How is machine learning useful for macroeconomic forecasting?. Journal of Applied Econometrics, 2022, 37, 920-964.	1.3	42
551	Kinetics for chemical looping process with fabricated Fe ₂ O ₃ -CuO/Al ₂ O ₃ oxygen carriers. Chemical Engineering Science, 2022, 258, 117730.	1.9	7
552	Numerical investigation of heat transfer in the nanofluids under the impact of length and radius of carbon nanotubes. Open Physics, 2022, 20, 416-430.	0.8	2
553	The Behaviour of a Rod (Beam) Under the Influence of an External Power Load. Lecture Notes in Mechanical Engineering, 2022, , 13-22.	0.3	2
554	A real-time hybrid battery state of charge and state of health estimation technique in renewable energy integrated microgrid applications. International Journal of Emerging Electric Power Systems, 2022, .	0.6	1
555	What predicts the technical efficiency in healthcare systems of OECD countries? A two-stage DEA approach. International Journal of Healthcare Management, 0, , 1-16.	1.2	3
557	Static and Fatigue Characteristics of Heat-Treated Ti-6Al-3Mo-2Zr-2Sn-2Nb-1.5Cr-0.1Si Alloy. Metallography, Microstructure, and Analysis, 2022, 11, 443-453.	0.5	8
558	Low and high temperature characteristics of compounded and modified bitumens. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129308.	2.3	3
559	Meander and Koch Hybrid Fractal Curve Based Dual Hexagonal Radiating Patch Antenna for Quad Band Wireless Applications. Wireless Personal Communications, 2022, 126, 665-677.	1.8	2
560	Improvement of the texture and dough stability of milk bread using bioemulsifiers/biosurfactants produced by lactobacilli isolated from an indigenous fermented milk (pendidam). LWT - Food Science and Technology, 2022, 163, 113609.	2.5	3
561	On using nonlinear wave interactions in multi-directional seas for energy conversion on the ocean floor. Applied Ocean Research, 2022, 124, 103193.	1.8	0
562	Application of Random Forest and Multi-layer Perceptron ANNs in Estimating the Axial Compression Capacity of Concrete-Filled Steel Tubes. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 4111-4130.	1.0	1
563	Recent development in polymer/montmorillonite clay mixed matrix membranes for gas separation: a short review. Polymer Bulletin, 2023, 80, 4663-4687.	1.7	8
564	Dynamic simulation of a microgrid system for a university community in Nigeria. , 2022, , .		1
565	Dynamic Analysis of a Loading-Adapting Quasi-Zero-Stiffness Isolation System Based on the Rolling Lobe Air-Springs. Journal of Vibration Engineering and Technologies, 2022, 10, 3207-3225.	1.3	5
566	Industrial cylinder liner defect detection using a transformer with a block division and mask mechanism. Scientific Reports, 2022, 12, .	1.6	1
568	Simplified Evaluation of Plastic Rotation Demand for Existing EBFs Equipped with Short Links. Metals, 2022, 12, 1002.	1.0	2
569	Research progress on periodically poled lithium niobate for nonlinear frequency conversion. Infrared Physics and Technology, 2022, 125, 104243.	1.3	19

#	ARTICLE	IF	CITATIONS
570	Microbial fuel cell-based sensor for Enterobacter sp. KBH6958 activity monitoring during hydrogen production: the effects of pH and glucose concentration. Journal of Applied Electrochemistry, 2022, 52, 1327-1342.	1.5	3
571	Applicability of statistical and machine learning-based regression algorithms in modeling of carbon dioxide emission in experimental pig barns. Air Quality, Atmosphere and Health, 2022, 15, 1899-1912.	1.5	8
572	The Design of Asymmetric Wireless Power Transmission Coils with Limited-size. , 2022, , .		1
573	Greener nanomaterials and their diverse applications in the energy sector. Clean Technologies and Environmental Policy, 2022, 24, 3237-3252.	2.1	6
574	EFFECT OF ACETYLATION ON TECHNOLOGICAL CHARACTERISTICS OF Jacaranda copaia WOOD: PART 2 "CHEMICAL AND COLORIMETRIC CHANGES. Nativa, 2022, 10, 283-289.	0.2	1
575	Research on a new power distribution control strategy of hybrid energy storage system for hybrid electric vehicles based on the subtractive clustering and adaptive fuzzy neural network. Cluster Computing, 2022, 25, 4413-4422.	3.5	2
576	Construction of dynamical S-boxes based on image encryption approach. Soft Computing, 2022, 26, 13985-13997.	2.1	7
577	Review of the optimization techniques for cool pavements solutions to mitigate Urban Heat Islands. Building and Environment, 2022, 223, 109482.	3.0	14
579	Enhancement of long alkyl-chained imidazolium ionic liquids for the formation and extraction behaviour of PEG 600/(NH ₄) ₂ SO ₄ aqueous two-phase system by complexing with Triton X-100. Journal of Molecular Liquids, 2022, 367, 120358.	2.3	4
580	Metallic Core-Shell Nanoparticles as Drug Delivery Vehicles in Targeted Photodynamic Therapy of Cancer. , 2022, , 1245-1260.		0
581	Learning Optimal Time-Frequency Representations for Heart Sound: A Comparative Study. Lecture Notes in Electrical Engineering, 2023, , 93-104.	0.3	0
582	Convolutional Neural Network-Based Contemporaneous Human Facial Expression Identification. Lecture Notes in Electrical Engineering, 2022, , 379-392.	0.3	0
583	Biotic elicitation mediated in vitro production of L-DOPA from Mucuna pruriens (L.) DC. cell cultures. In Vitro Cellular and Developmental Biology - Plant, 2022, 58, 1077-1089.	0.9	1
584	Graphene patterned polyaniline- based NH ₃ gas sensor. Polymer Bulletin, 0, , .	1.7	0
585	Performance-aware design for piezoelectric energy harvesting optimisation via finite element analysis. International Journal of Mechanics and Materials in Design, 2023, 19, 121-136.	1.7	2
586	Chelating Agents for Zirconium-89 in the Synthesis of Radiopharmaceuticals: Current State and Prospects of Development. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2022, 48, 675-695.	0.3	0
587	Physicochemical Properties of Waste Palm-Based Catalysts Synthesized from Pyrolyzed and Hydrothermalized Chars for Biodiesel Production. Topics in Catalysis, 0, , .	1.3	1
588	Double-Peaked Mid-Infrared Generation Based on Intracavity Difference Frequency Generation. Applied Sciences (Switzerland), 2022, 12, 11644.	1.3	1

#	ARTICLE	IF	CITATIONS
589	An efficient hash map based technique for mining high average utility itemset. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2022, 47, .	0.8	0
590	Subcarrier Index Modulation Aided Non-Coherent Chaotic Communication System for Underwater Acoustic Communications. <i>Lecture Notes in Computer Science</i> , 2022, , 621-634.	1.0	0
591	Musigraph: Optical Music Recognition Through Object Detection and Graph Neural Network. <i>Lecture Notes in Computer Science</i> , 2022, , 171-184.	1.0	2
592	Adsorbed natural gas storage facility based on activated carbon of wood waste origin. <i>Adsorption</i> , 2023, 29, 291-307.	1.4	2
593	A Passively Wavelength-Stabilized Mid-Infrared Optical Parametric Oscillator. <i>Photonics</i> , 2023, 10, 5.	0.9	3
594	Probabilistic optimization of planning and operation of networked microgrids with renewable energy resources considering demand response programs. <i>Energy Systems</i> , 0, , .	1.8	0
595	Design of a 24/16 Outer-Rotor Switched Reluctance Motor with Symmetrical/Asymmetrical Pole Shoes for Performance Improvement. <i>Journal of Electrical Engineering and Technology</i> , 2023, 18, 961-970.	1.2	1
596	Application of Bio and Nature-Inspired Algorithms in Agricultural Engineering. <i>Archives of Computational Methods in Engineering</i> , 2023, 30, 1979-2012.	6.0	14
597	DeepCF-PPI: improved prediction of protein-protein interactions by combining learned and handcrafted features based on attention mechanisms. <i>Applied Intelligence</i> , 2023, 53, 17887-17902.	3.3	4
598	Lane Change Classification with Neural Networks for Automated Conversion of Logical Scenarios. <i>Lecture Notes in Networks and Systems</i> , 2023, , 778-789.	0.5	0
599	Multi-storey Building Retrofit by ADAS-Equipped Braces. <i>Lecture Notes in Civil Engineering</i> , 2023, , 532-545.	0.3	0
600	Engineering Properties of Geopolymer Mortars Containing Industrial Steel Shavings. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 0, , .	1.0	0
601	Ternary Z-scheme NiO/CdO/Co ₃ O ₄ nanocomposite powder with enhanced photocatalytic activity under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2023, 34, .	1.1	4
602	Characterization of wideband semiconductor optical amplifier: numerical analysis and simulation. <i>Optical and Quantum Electronics</i> , 2023, 55, .	1.5	1
603	Performance Evaluation of Multigrid Brute-Force Solutions of Inverse Kinematics Problem for the Robotis OP2 Humanoid Hand. <i>Smart Innovation, Systems and Technologies</i> , 2023, , 61-75.	0.5	1
604	Squirrel search algorithm applied to effective estimation of solar PV model parameters: a real-world practice. <i>Neural Computing and Applications</i> , 2023, 35, 13529-13546.	3.2	6
605	Case Study 1. Reducing Industrial Waste Disposal Costs. <i>Synthesis Lectures on Engineering Science and Technology</i> , 2023, , 23-45.	0.2	0
606	Dynamic S-Box Generation Using Novel Chaotic Map with Nonlinearity Tweaking. <i>Computers, Materials and Continua</i> , 2023, 75, 3011-3026.	1.5	4

#	ARTICLE	IF	CITATIONS
607	Machine Learning Algorithm for Classification of Alopecia Areata from Human Scalp Hair Images. Advances in Intelligent Systems and Computing, 2023, , 269-288.	0.5	1
608	Dispersion curves for lamb waves using analytical solutions and the scaled-boundary finite element method. AIP Conference Proceedings, 2023, , .	0.3	0
609	Natural dyes in DSSC fabrication: Sources, stability, and performance enhancement efforts. , 2024, , 289-305.		0