

Identification and Evaluation of Composition in Food Products by Spectral Imaging

Applied Sciences (Switzerland)

7, 1

DOI: [10.3390/app7010001](https://doi.org/10.3390/app7010001)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Engineering Metrology and Measurements. SSRN Electronic Journal, 0, , .	0.4	4
2	Non-linear layerwise dynamic response analysis of sandwich plates with soft auxetic cores and embedded SMA wires experiencing cyclic loadings. Composite Structures, 2017, 171, 185-197.	3.1	38
3	Reliability-based design optimization of rotating FGM cylindrical shells with temperature-dependent probabilistic frequency constraints. Aerospace Science and Technology, 2017, 68, 223-239.	2.5	14
4	Nonlinear dynamic analysis and vibration of eccentrically stiffened S-FGM elliptical cylindrical shells surrounded on elastic foundations in thermal environments. Thin-Walled Structures, 2017, 117, 178-189.	2.7	72
5	A computational method for laminated composite plates based on layerwise theory. Composites Part B: Engineering, 2017, 122, 202-218.	5.9	12
6	A new doubly-curved shell element for the free vibrations of arbitrarily shaped laminated structures based on Weak Formulation IsoGeometric Analysis. Composite Structures, 2017, 171, 429-461.	3.1	88
7	Development of Seasonal ARIMA Models for Traffic Noise Forecasting. MATEC Web of Conferences, 2017, 125, 05013.	0.1	4
8	Effects of Oil-Based Nanofluid on a Stretching Surface with Variable Suction and Thermal Conductivity. , 2017, 11, 99-109.		5
9	Classification of EEG signals for epileptic seizures using hybrid artificial neural networks based wavelet transforms and fuzzy relations. Expert Systems With Applications, 2017, 88, 419-434.	4.4	74
10	Combined solar charging stations and energy storage units allocation for electric vehicles by considering uncertainties. , 2017, , .		6
11	Mechanical behaviour of composite Cosserat solids in elastic problems with holes and discontinuities. Composite Structures, 2017, 179, 468-481.	3.1	16
12	Evaluation of traffic congestion degree: An integrated approach. International Journal of Distributed Sensor Networks, 2017, 13, 155014771772316.	1.3	12
13	Recognition of indigenous and foreign speech in a noisy classroom: A case of primary school pupils. Building Acoustics, 2017, 24, 255-279.	1.1	1
14	A multi-objective demand side management considering ENS cost in smart grids. , 2017, , .		0
15	Sliding Mode Regulator for the Perturbations Attenuation in Two Tank Plants. IEEE Access, 2017, 5, 20504-20511.	2.6	13
16	Design of FPGA based AFM controller for undergraduate study. , 2017, , .		1
17	Economic demand response model in liberalised electricity markets with respect to flexibility of consumers. IET Generation, Transmission and Distribution, 2017, 11, 4291-4298.	1.4	49
18	Automated identification of epileptic seizure EEG signals using empirical wavelet transform based Hilbert marginal spectrum. , 2017, , .		18

#	ARTICLE	IF	CITATIONS
19	Maximum energy yield oriented turbine control in PMSG-based wind farm. Journal of Engineering, 2017, 2017, 2455-2460.	0.6	9
20	Heading estimation fusing inertial sensors and landmarks for indoor navigation using a smartphone in the pocket. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	15
21	Pseudo-Differential electronically controllable second-order band-pass filter using modified current differencing/summing units. , 2017, , .		2
22	A Review of Hybrid Fiber-Optic Distributed Simultaneous Vibration and Temperature Sensing Technology and Its Geophysical Applications. Sensors, 2017, 17, 2511.	2.1	78
23	A Spatially Offset Raman Spectroscopy Method for Non-Destructive Detection of Gelatin-Encapsulated Powders. Sensors, 2017, 17, 618.	2.1	18
24	A Congestion Control Strategy for Power Scale-Free Communication Network. Applied Sciences (Switzerland), 2017, 7, 1054.	1.3	5
25	Influence of Winkler-Pasternak Foundation on the Vibrational Behavior of Plates and Shells Reinforced by Agglomerated Carbon Nanotubes. Applied Sciences (Switzerland), 2017, 7, 1228.	1.3	69
26	Feature Selection and Parameters Optimization of SVM Using Particle Swarm Optimization for Fault Classification in Power Distribution Systems. Computational Intelligence and Neuroscience, 2017, 2017, 1-9.	1.1	41
27	Evaluation of the Effects of Crushed and Expanded Waste Glass Aggregates on the Material Properties of Lightweight Concrete Using Image-Based Approaches. Materials, 2017, 10, 1354.	1.3	85
28	Free Vibration Analysis of Reinforced Composite Functionally Graded Plates with Steady State Thermal Conditions. Latin American Journal of Solids and Structures, 2017, 14, 886-905.	0.6	7
29	Nondestructive Quality Evaluation Techniques. , 2017, , .		0
30	A review on optical fiber sensors for environmental monitoring. International Journal of Precision Engineering and Manufacturing - Green Technology, 2018, 5, 173-191.	2.7	257
31	Three-dimensional vibration behavior of bi-directional functionally graded curved parallelepipeds using spectral Tchebychev approach. Composite Structures, 2018, 191, 100-112.	3.1	31
32	Environmentally friendly MCDM of reliability-based product optimisation combining DEMATEL-based ANP, interval uncertainty and Vlse Kriterijumska Optimizacija Kompromisno Resenje (VIKOR). Information Sciences, 2018, 442-443, 128-144.	4.0	79
33	Study on factors affecting the droplet temperature in plasma MIG welding process. Journal Physics D: Applied Physics, 2018, 51, 135206.	1.3	27
34	Study on the influence of water flow on temperature around freeze pipes and its distribution optimization during artificial ground freezing. Applied Thermal Engineering, 2018, 135, 435-445.	3.0	67
35	Application of the FOSDT to the solution of buckling problem of FGM sandwich conical shells under hydrostatic pressure. Composites Part B: Engineering, 2018, 144, 88-98.	5.9	30
36	Free vibration of FG-CNT reinforced composite skew cylindrical shells using the Chebyshev-Ritz formulation. Composites Part B: Engineering, 2018, 147, 169-177.	5.9	102

#	ARTICLE	IF	CITATIONS
37	Geometrically nonlinear analysis of shear deformable FGM shallow pinned arches on nonlinear elastic foundation under mechanical and thermal loads. <i>Acta Mechanica</i> , 2018, 229, 3123-3141.	1.1	33
38	Noise evaluation of a point autofocus surface topography measuring instrument. <i>Measurement Science and Technology</i> , 2018, 29, 065008.	1.4	23
39	Interface thermal conductance characterization by infrared thermography: A tool for the study of insertions in bronze ancient Statuary. <i>Infrared Physics and Technology</i> , 2018, 90, 31-39.	1.3	18
40	Mechanical behavior of damaged laminated composites plates and shells: Higher-order Shear Deformation Theories. <i>Composite Structures</i> , 2018, 189, 304-329.	3.1	38
41	Hardware design of multiclass SVM classification for epilepsy and epileptic seizure detection. <i>IET Circuits, Devices and Systems</i> , 2018, 12, 108-115.	0.9	44
42	Vibration response of cable for submerged floating tunnel under simultaneous hydrodynamic force and earthquake excitations. <i>Advances in Structural Engineering</i> , 2018, 21, 1761-1773.	1.2	17
43	A new model for wave propagation in functionally graded anisotropic doubly-curved shells. <i>Composite Structures</i> , 2018, 190, 91-111.	3.1	22
44	Discrete stationary wavelet transform based saliency information fusion from frequency and spatial domain in low contrast images. <i>Pattern Recognition Letters</i> , 2018, 115, 84-91.	2.6	13
45	Thermal buckling analysis of stiffened FGM truncated conical shells resting on elastic foundations using FSDT. <i>Acta Mechanica</i> , 2018, 229, 2221-2249.	1.1	7
46	Energy-Efficient Industrial Internet of UAVs for Power Line Inspection in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 2705-2714.	7.2	125
47	Dual Band Metamaterial Antenna For LTE/Bluetooth/WiMAX System. <i>Scientific Reports</i> , 2018, 8, 1240.	1.6	97
48	Real Field Deployment of a Smart Fiber-Optic Surveillance System for Pipeline Integrity Threat Detection: Architectural Issues and Blind Field Test Results. <i>Journal of Lightwave Technology</i> , 2018, 36, 1052-1062.	2.7	79
49	Investigation of luminescent properties of Eu ³⁺ doped double perovskite Ba ₂ ZnMoO ₆ phosphors by using solid-state reaction method. <i>Microsystem Technologies</i> , 2018, 24, 4067-4074.	1.2	12
50	Deep learning for smart manufacturing: Methods and applications. <i>Journal of Manufacturing Systems</i> , 2018, 48, 144-156.	7.6	1,052
51	Early Monitoring of Rebar Corrosion Evolution Based on FBG Sensor. <i>International Journal of Structural Stability and Dynamics</i> , 2018, 18, 1840001.	1.5	69
52	Bending analysis of simply supported rectangular laminated composite plates using a new computation method based on analytical solution of layerwise theory. <i>Archive of Applied Mechanics</i> , 2018, 88, 671-689.	1.2	8
53	Evaluation of reliability in risk-constrained scheduling of autonomous microgrids with demand response and renewable resources. <i>IET Renewable Power Generation</i> , 2018, 12, 657-667.	1.7	69
54	Multi-Objective Optimization Model of Source-Load-Storage Synergetic Dispatch for a Building Energy Management System Based on TOU Price Demand Response. <i>IEEE Transactions on Industry Applications</i> , 2018, 54, 1017-1028.	3.3	197

#	ARTICLE	IF	CITATIONS
55	Numerical nonlinear frequency analysis of pre-damaged curved layered composite structure using higher-order finite element method. International Journal of Non-Linear Mechanics, 2018, 102, 14-24.	1.4	26
56	Structure and optical properties of SiO ₂ films with ZnSe nanocrystals formed by ion implantation. Surface and Coatings Technology, 2018, 344, 596-600.	2.2	11
57	Moving Vehicle Classification Using Wireless Acoustic Sensor Networks. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 129-138.	3.4	34
58	A Novel Signal Modeling Approach for Classification of Seizure and Seizure-Free EEG Signals. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 925-935.	2.7	122
59	Integrated Torque Vectoring Control for a Three-Axle Electric Bus Based on Holistic Cornering Control Method. IEEE Transactions on Vehicular Technology, 2018, 67, 2921-2933.	3.9	18
60	Social Big-Data-Based Content Dissemination in Internet of Vehicles. IEEE Transactions on Industrial Informatics, 2018, 14, 768-777.	7.2	174
61	Strong and weak formulations based on differential and integral quadrature methods for the free vibration analysis of composite plates and shells: Convergence and accuracy. Engineering Analysis With Boundary Elements, 2018, 92, 3-37.	2.0	64
62	Vehicle Detection Method for Intelligent Vehicle at Night Time Based on Video and Laser Information. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1850009.	0.7	14
63	The effects of resonances on time delay estimation for water leak detection in plastic pipes. Journal of Sound and Vibration, 2018, 420, 315-329.	2.1	30
64	Enhanced electrochemical performance of LiCoBO ₃ cathode material for next generation Lithium-ion batteries. Applied Surface Science, 2018, 449, 421-425.	3.1	8
65	An Improved Skewness Decision Tree SVM Algorithm for the Classification of Steel Cord Conveyor Belt Defects. Applied Sciences (Switzerland), 2018, 8, 2574.	1.3	8
66	Statistical analysis of Litchi chinensis's adsorption behavior toward Cr(VI). Applied Water Science, 2018, 8, 1.	2.8	11
67	Soundscape Assessment of Aircraft Height and Size. Frontiers in Psychology, 2018, 9, 2492.	1.1	4
68	Validation of Seasonal ARIMA Models on Road Traffic Noise Measurements. MATEC Web of Conferences, 2018, 210, 05001.	0.1	2
69	Low reversed cyclic loading tests for integrated precast structure of lightweight wall with single-row reinforcement under a lightweight steel frame. Royal Society Open Science, 2018, 5, 180321.	1.1	5
70	A Novel Hybrid Boundary-Type Meshless Method for Solving Heat Conduction Problems in Layered Materials. Applied Sciences (Switzerland), 2018, 8, 1887.	1.3	6
71	New Low-Voltage CMOS Differential Difference Amplifier (DDA) and an Application Example. , 2018, , .		3
72	Parallel Implementation on GPU for EEG Artifact Rejection by Combining FastICA and TQWT. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
73	A New Model-Free Trajectory Tracking Control for Robot Manipulators. Mathematical Problems in Engineering, 2018, 2018, 1-13.	0.6	3
74	Crack identification using piezoelectric testing on carbon steel pipe for transverse, longitudinal and hole defects with low excitation frequency. International Journal of Engineering and Technology(UAE), 2018, 7, 171.	0.2	6
75	Decision Support Systems. , 2018, , .		9
76	Reprint of "Structure and optical properties of SiO ₂ films with ZnSe nanocrystals formed by ion implantation" Surface and Coatings Technology, 2018, 355, 328-332.	2.2	1
77	A new technique for thermal nondestructive testing by means of local thermal pulse. AIP Conference Proceedings, 2018, , .	0.3	0
78	Rehabilitation reliability of the road pavement structure with recycled base course with foamed bitumen. IOP Conference Series: Materials Science and Engineering, 2018, 356, 012016.	0.3	3
79	Adoption of light steel (LS) for building projects in South Africa. Journal of Engineering, Design and Technology, 2018, 16, 711-733.	1.1	4
80	A Robust Hybrid Filter Based on Evolutionary Intelligence and Fuzzy Evaluation. International Journal of Image and Graphics, 2018, 18, 1850023.	1.2	3
81	Towards Systematic Benchmarking of Activity Recognition Algorithms. , 2018, , .		0
82	Towards an Economic Mechanism for Providing Inertial Support Through DFIG-based Wind Farms. , 2018, , .		1
83	Tribological Interaction of Bio-Based Metalworking Fluids in Machining Process. , 0, , .		4
84	Auxiliary dead-band controller for the coordination of fast frequency support from multi-terminal HVDC grids and offshore wind farms. IET Renewable Power Generation, 2018, 12, 1444-1452.	1.7	11
85	Free Vibration of Single Walled Carbon Nanotube Resting on Exponentially Varying Elastic Foundation. Curved and Layered Structures, 2018, 5, 260-272.	0.5	22
86	Free Vibration Analysis of Variable Cross-Section Single-Layered Graphene Nano-Ribbons (SLGNRs) Using Differential Quadrature Method. Frontiers in Built Environment, 2018, 4, .	1.2	28
87	Nonlinear Beam Propagation in a Class of Complex Non- P T $\{PT\}$ -Symmetric Potentials. Springer Tracts in Modern Physics, 2018, , 557-579.	0.1	2
88	Double-layered wrap-around sensor network for three-dimensional positioning of acoustic emission sources and its effect on monitoring crack propagation in rock samples. International Journal of Distributed Sensor Networks, 2018, 14, 155014771880306.	1.3	5
89	Feasibility Study of Real-Time Monitoring of Pin Connection Wear Using Acoustic Emission. Applied Sciences (Switzerland), 2018, 8, 1775.	1.3	9
90	A dual channel perturbation particle filter algorithm based on GPU acceleration. Journal of Systems Engineering and Electronics, 2018, 29, 854.	1.1	2

#	ARTICLE	IF	CITATIONS
91	EFFECTS OF INLET CLOSURE LEVEL ON VIBRATION CHARACTERISTICS OF A MODIFIED CENTRIFUGAL FAN. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.3	1
92	A coupled biodynamic model for crowd-footbridge interaction. Engineering Structures, 2018, 177, 47-60.	2.6	13
93	Gait-Based Human Identification by Combining Shallow Convolutional Neural Network-Stacked Long Short-Term Memory and Deep Convolutional Neural Network. IEEE Access, 2018, 6, 63164-63186.	2.6	38
94	A Decentralized Model for Coordinated Operation of Distribution Network and EV Aggregators. , 2018, , .		3
95	Characteristic Evaluation of the Mobile Acoustic Communication for Spherical Underwater Robots (SUR III). , 2018, , .		3
96	Free Vibration Analysis of Single Walled Carbon Nanotube with Exponentially Varying Stiffness. Curved and Layered Structures, 2018, 5, 201-212.	0.5	19
97	Stochastic Frequency-Security Constrained Scheduling of a Microgrid Considering Price-Driven Demand Response. , 2018, , .		9
98	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
99	Experimental and numerical analyses of multi-DBD plasma actuators to reduce wind loads and modify local flow on the roofs of low-rise buildings. AIP Advances, 2018, 8, .	0.6	4
100	Artificial Potential Field and Sliding Mode Strategies for Proximity Operations with Obstacle Avoidance. , 2018, , .		0
101	Energy Shaping Controller for a Revisited Quadrotor Model Using New Passive Outputs. , 2018, , .		0
102	The influence of different concrete additions on the properties of lightweight concrete evaluated using experimental and numerical approaches. Construction and Building Materials, 2018, 189, 314-322.	3.2	33
103	Design and Experiments of a New Type Pressure Proportional Valve. , 2018, , .		1
104	A Simulation Model for Coupled Heat Transfer and Moisture Transport under the Action of Heat Source in Unsaturated Soils. Scientific Reports, 2018, 8, 7750.	1.6	4
105	Formation of GaN thin film on silicon substrate by gallium oxide ammoniation. Optik, 2018, 171, 51-57.	1.4	4
106	Application of sinusoidal shear deformation theory and physical neutral surface to analysis of functionally graded piezoelectric plate. Composites Part B: Engineering, 2018, 151, 35-50.	5.9	42
107	Design and Experiment of Casing Treatment for a Centrifugal Compressor. International Journal of Turbo and Jet Engines, 2021, 38, 233-244.	0.3	4
108	An economic customer-oriented demand response model in electricity markets. , 2018, , .		12

#	ARTICLE	IF	CITATIONS
109	VOCs Air Pollutant Cleaning with Polyacrylonitrile/Fly Ash Nanocomposite Electrospun Nanofibrous Membranes. IOP Conference Series: Materials Science and Engineering, 2018, 301, 012036.	0.3	3
110	Structural response of porous FG nanobeams under hygro-thermo-mechanical loadings. Composites Part B: Engineering, 2018, 152, 71-78.	5.9	67
111	Assessment of geospatial and hydrochemical interactions of groundwater quality, southwestern Nigeria. Environmental Monitoring and Assessment, 2018, 190, 440.	1.3	42
112	Hyperspectral imaging, a non-destructive technique in medicinal and aromatic plant products industry: Current status and potential future applications. Computers and Electronics in Agriculture, 2018, 152, 9-18.	3.7	25
113	Dynamic stability of doubly-curved multilayered shells subjected to arbitrarily oriented angular velocities: Numerical evaluation of the critical speed. Composite Structures, 2018, 201, 1031-1055.	3.1	20
114	Free longitudinal vibration of a nanorod with elastic spring boundary conditions made of functionally graded material. Micro and Nano Letters, 2018, 13, 1031-1035.	0.6	26
115	SMES based a new PID controller for frequency stability of a real hybrid power system considering high wind power penetration. IET Renewable Power Generation, 2018, 12, 1304-1313.	1.7	98
116	A 1064 nm Dispersive Raman Spectral Imaging System for Food Safety and Quality Evaluation. Applied Sciences (Switzerland), 2018, 8, 431.	1.3	21
117	Raman Imaging for the Detection of Adulterants in Paprika Powder: A Comparison of Data Analysis Methods. Applied Sciences (Switzerland), 2018, 8, 485.	1.3	4
118	The Influence of Forming Directions and Strain Rate on Dynamic Shear Properties of Aerial Aluminum Alloy. Applied Sciences (Switzerland), 2018, 8, 520.	1.3	6
119	Detection of Azo Dyes in Curry Powder Using a 1064-nm Dispersive Point-Scan Raman System. Applied Sciences (Switzerland), 2018, 8, 564.	1.3	21
120	Adaptive CoMP with Spatial Phase Coding for Interference Mitigation in the Heterogeneous Network. Applied Sciences (Switzerland), 2018, 8, 631.	1.3	4
121	Metal catalyzed preparation of carbon nanomaterials by hydrogen-oxygen detonation method. Combustion and Flame, 2018, 196, 108-115.	2.8	13
122	Dynamic Stability of Rotating FG-CNTRC Cylindrical Shells under Combined Static and Periodic Axial Loads. International Journal of Structural Stability and Dynamics, 2018, 18, 1850151.	1.5	40
123	Nonlocal three-dimensional theory of elasticity for buckling behavior of functionally graded porous nanoplates using volume integrals. Materials Research Express, 2018, 5, 095006.	0.8	45
124	Beam quality improvement by population-dynamic-coupled combined guiding effect in end-pumped Nd:YVO ₄ laser oscillator. Applied Physics B: Lasers and Optics, 2018, 124, 1.	1.1	9
125	Security-constrained unit commitment in AC microgrids considering stochastic price-based demand response and renewable generation. International Transactions on Electrical Energy Systems, 2018, 28, e2596.	1.2	32
126	Numerical and experimental validation of nonlinear deflection and stress responses of pre-damaged glass-fibre reinforced composite structure. Ocean Engineering, 2018, 159, 237-252.	1.9	15

#	ARTICLE	IF	CITATIONS
127	A review of global maximum power point tracking techniques of photovoltaic system under partial shading conditions. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 92, 513-553.	8.2	171
128	Contact-free microparticle characterization via Raman spectroscopy and digital holography. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 095608.	1.0	0
129	Studies on the secondary modification of SBS modified asphalt by the application of octadecyl amine grafted graphene nanoplatelets as modifier. <i>Diamond and Related Materials</i> , 2018, 89, 140-150.	1.8	60
130	Non-destructive detection of <i>Flos Loniceræ</i> treated by sulfur fumigation based on hyperspectral imaging. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 2809-2818.	1.6	10
131	Biologically Inspired Safety and Security for Smart Built Environments: Position Paper. , 2018, , .		9
132	Highly flexible glycol-urea-formaldehyde resins. <i>European Polymer Journal</i> , 2018, 105, 167-176.	2.6	10
133	Classification of Airborne Multispectral Lidar Point Clouds for Land Cover Mapping. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 2068-2078.	2.3	46
134	A Novel Pseudo-Differential Integer/ Fractional-Order Voltage-Mode All-Pass Filter. , 2018, , .		6
135	Interpolation methods for the improvement of the point spread function estimation. , 2018, , .		1
136	Microstructure and texture evolution of duplex stainless steels with different molybdenum contents. <i>Materials Characterization</i> , 2018, 142, 406-421.	1.9	22
137	A Framework for Smart Production-Logistics Systems Based on CPS and Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 4019-4032.	7.2	201
138	Large deformation analysis of functionally graded visco-hyperelastic materials. <i>Computers and Structures</i> , 2018, 206, 90-108.	2.4	17
139	Nanocomposites of TPU-PDMS blend based on chitosan wrapped hydroxyapatite nanorods. <i>European Polymer Journal</i> , 2018, 105, 194-203.	2.6	12
140	Mixed Matrix Polytetrafluoroethylene/Polysulfone Electrospun Nanofibrous Membranes for Water Desalination by Membrane Distillation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24275-24287.	4.0	53
141	A new combination of microfiltration, powdered activated carbon and coagulation for treatment of oily wastewater. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 5595-5610.	1.8	13
142	Experimental Verification of Pseudo-Differential Electronically Controllable Multifunction Filter Using Modified Current Differencing/Summing Units. <i>Journal of Circuits, Systems and Computers</i> , 2019, 28, 1950098.	1.0	2
143	Thermoelastic Analysis of Multilayered FG Spherical Shells Based on Lord's Shulman Theory. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019, 43, 845-867.	0.8	9
144	Grid Frequency Support From V2G Aggregators and HVdc Links in Presence of Nonsynchronous Units. <i>IEEE Systems Journal</i> , 2019, 13, 1757-1766.	2.9	18

#	ARTICLE	IF	CITATIONS
145	Adjustment of isotropic part properties in laser sintering based on adapted double laser exposure strategies. Optics and Laser Technology, 2019, 109, 381-388.	2.2	4
146	About an approach to the determination of the critical time of viscoelastic functionally graded cylindrical shells. Composites Part B: Engineering, 2019, 156, 156-165.	5.9	31
147	Residual flatness and scale calibration for a point autofocus surface topography measuring instrument. Measurement Science and Technology, 2019, 30, 075005.	1.4	21
148	Image saliency detection based on geodesic-like and boundary contrast maps. ETRI Journal, 2019, 41, 797-810.	1.2	6
149	Research on trajectory tracking control of manipulator based on modified terminal sliding mode with double power reaching law. International Journal of Advanced Robotic Systems, 2019, 16, 172988141984789.	1.3	10
150	A Business Process Analysis Methodology Based on Process Mining for Complaint Handling Service Processes. Applied Sciences (Switzerland), 2019, 9, 3313.	1.3	6
151	Anisotropy of W-band complex permittivity in Al ₂ O ₃ . Journal of Physics Condensed Matter, 2019, 31, 225702.	0.7	2
152	Identifying incident dementia by applying machine learning to a very large administrative claims dataset. PLoS ONE, 2019, 14, e0203246.	1.1	38
153	Frequency Support Properties of the Synchronous Power Control for Grid-Connected Converters. IEEE Transactions on Industry Applications, 2019, 55, 5178-5189.	3.3	37
154	Simultaneous identification of structural stiffness and mass parameters based on Bare-bones Gaussian Tree Seeds Algorithm using time-domain data. Applied Soft Computing Journal, 2019, 83, 105602.	4.1	16
155	Differential Quadrature and Differential Transformation Methods in Buckling Analysis of Nanobeams. Curved and Layered Structures, 2019, 6, 68-76.	0.5	25
156	Event-triggered L_2 control for network-based switched linear systems with transmission delay. Systems and Control Letters, 2019, 134, 104533.		
157	Dynamic Analysis of Single-Layered Graphene Nano-Ribbons (SLGNRs) with Variable Cross-Section Resting on Elastic Foundation. Curved and Layered Structures, 2019, 6, 132-145.	0.5	12
158	Method for Clustering of Brain Activity Data Derived from EEG Signals. Fundamenta Informaticae, 2019, 168, 249-268.	0.3	1
159	Design of Fractional Order Sliding Mode Controller for Semi Active Suspension System. , 2019, , .		4
160	Deep Learning Algorithms for Bearing Fault Diagnostics - A Review. , 2019, , .		52
161	Fuzzy Control of Energy Recovery in Electric Vehicles with Hybrid Energy Storage. , 2019, , .		0
162	Fractional order PID control for steer-by-wire system of emergency rescue vehicle based on genetic algorithm. Journal of Central South University, 2019, 26, 2340-2353.	1.2	11

#	ARTICLE	IF	CITATIONS
163	Structure and optical properties of TiO ₂ nanorods prepared using polyol solvothermal method. AIP Conference Proceedings, 2019, , .	0.3	17
164	Cooperative Optimal Controller and Its Application to Activated Sludge Process. IEEE Transactions on Cybernetics, 2021, 51, 3938-3951.	6.2	14
165	Hydrochemical characteristics and quality assessment of groundwater for drinking and irrigation purposes in the Futuan River Basin, China. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	23
166	A Programmable Optical Filter With Arbitrary Transmittance for Fast Spectroscopic Imaging and Spectral Data Post-Processing. IEEE Access, 2019, 7, 119294-119308.	2.6	4
167	The flow of nano-liquid film in the presence of operative Prandtl number model through an unsteady stretchable disc. AIP Advances, 2019, 9, .	0.6	7
168	Overview of the use of micro-computed tomography (micro-CT) to investigate the relation between the material characteristics and properties of cement-based materials. Construction and Building Materials, 2019, 229, 116843.	3.2	103
169	Development of a Smart Thermostat Controller for Direct Load Control Based Demand Response Applications. , 2019, , .		4
170	User Preference Aware Task Coordination and Proactive Bandwidth Allocation in a FiWi-Based Human-Agent-Robot Teamwork Ecosystem. IEEE Transactions on Network and Service Management, 2019, 16, 84-97.	3.2	4
171	A High-Performance Shade-Tolerant MPPT Based on Current-Mode Control. IEEE Transactions on Power Electronics, 2019, 34, 10327-10340.	5.4	30
172	Identifying pore wetting thresholds of surfactants in direct contact membrane distillation. Separation and Purification Technology, 2019, 217, 17-23.	3.9	14
173	Study of energy storage systems and environmental challenges of batteries. Renewable and Sustainable Energy Reviews, 2019, 104, 192-208.	8.2	479
174	Automated species-level identification of planktic foraminifera using convolutional neural networks, with comparison to human performance. Marine Micropaleontology, 2019, 147, 16-24.	0.5	47
175	A novel fractional nonlocal model and its application in buckling analysis of Euler-Bernoulli nanobeam. Materials Research Express, 2019, 6, 055016.	0.8	23
176	Optimal Resource Management and Binary Power Control in Network-Assisted D2D Communications for Higher Frequency Reuse Factor. Sensors, 2019, 19, 251.	2.1	12
177	Wearable devices as adjuncts in the treatment of anxiety-related symptoms: A narrative review of five device modalities and implications for clinical practice.. Clinical Psychology: Science and Practice, 2019, 26, .	0.6	20
178	Efficiency and stability enhancement of organic-inorganic perovskite solar cells through micropatterned Norland Optical Adhesive and polyethylene terephthalate encapsulation. Materials Today Communications, 2019, 20, 100537.	0.9	8
179	Composite circular split ring resonator (CSRR)-based left-handed metamaterial for C- and Ku-band application. Results in Physics, 2019, 14, 102435.	2.0	37
180	The Detection of the Pipe Crack Utilizing the Operational Modal Strain Identified from Fiber Bragg Grating. Sensors, 2019, 19, 2556.	2.1	17

#	ARTICLE	IF	CITATIONS
181	A review of modelling and optimisation techniques for district heating systems. <i>International Journal of Energy Research</i> , 2019, 43, 6572.	2.2	13
182	Diagnosis of Human Psychological Disorders using Supervised Learning and Nature-Inspired Computing Techniques: A Meta-Analysis. <i>Journal of Medical Systems</i> , 2019, 43, 204.	2.2	65
183	A new experimental method to separate interfacial and internal mass transfer on coated adsorbent. <i>Applied Thermal Engineering</i> , 2019, 159, 113869.	3.0	10
184	Optimal approach in the EMS of microgrids based on online forecasts. <i>Journal of Engineering</i> , 2019, 2019, 1645-1648.	0.6	3
185	A novel shearer cutting pattern recognition model with chaotic gravitational search optimization. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 144, 225-233.	2.5	11
186	Five-Stage Selection Procedure of Ionic Liquids for Lubrication of Steel-Steel Contacts in Space Mechanisms. <i>Tribology Letters</i> , 2019, 67, 1.	1.2	10
187	Method for Predicting the Fatigue Life of Geometrically Discontinuous Structures Under Combined Bending and Torsion. <i>Acta Mechanica Solida Sinica</i> , 2019, 32, 367-377.	1.0	5
188	A comprehensive review of artificial intelligence-based approaches for rolling element bearing PHM: shallow and deep learning. <i>JMST Advances</i> , 2019, 1, 125-151.	0.6	97
189	An investigation into the effect of alloying elements on corrosion behavior of severely deformed Cu-Sn alloys by equal channel angular pressing. <i>Archives of Civil and Mechanical Engineering</i> , 2019, 19, 842-850.	1.9	24
190	Finger movements recognition using minimally redundant features of wavelet denoised EMG. <i>Health and Technology</i> , 2019, 9, 579-593.	2.1	13
191	An integrated critic-actor neural network for reinforcement learning with application of DERs control in grid frequency regulation. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 111, 286-299.	3.3	28
192	Evaluation method for the hygroscopic and cooling function of knitted fabrics. <i>Textile Research Journal</i> , 2019, 89, 5024-5040.	1.1	12
193	Noise Analysis and Comparison of Phase- and Frequency-Detecting Readout Systems: Application to SAW Delay Line Magnetic Field Sensor. <i>IEEE Sensors Journal</i> , 2019, 19, 8000-8008.	2.4	15
194	Multi-objective optimisation for minimum quantity lubrication assisted milling process based on hybrid response surface methodology and multi-objective genetic algorithm. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401982958.	0.8	11
195	Field Validation of Demanded Power Point Tracking Control Algorithm for Medium-Capacity Wind Turbine. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2019, 6, 875-881.	2.7	16
196	Nonlinear Snap-Through Instability of FGM Shallow Micro-Arches with Integrated Surface Piezoelectric Layers Based on Modified Couple Stress Theory. <i>International Journal of Structural Stability and Dynamics</i> , 2019, 19, 1950088.	1.5	28
197	Predicting the thermal behaviour of sands considering its moisture content and grain size with applications to geothermal heat pump installations. <i>Energy and Buildings</i> , 2019, 194, 85-104.	3.1	2
198	Thermal conductivity of crumb-rubber-modified mortar using an inverse meso-scale heat conduction model. <i>Construction and Building Materials</i> , 2019, 212, 522-530.	3.2	4

#	ARTICLE	IF	CITATIONS
199	The Impact of Coupling Function on Finite-Time Synchronization Dynamics of Multi-Weighted Complex Networks with Switching Topology. Complexity, 2019, 2019, 1-15.	0.9	3
200	Entropy evolution during crack propagation in concrete under sulfate attack. Construction and Building Materials, 2019, 209, 492-498.	3.2	13
201	A brief review of condition monitoring techniques for the induction motor. Transactions of the Canadian Society for Mechanical Engineering, 2019, 43, 499-508.	0.3	12
202	Effect of weld parameters on mechanical properties and tensile behavior of tungsten inert gas welded AW6082-T6 aluminium alloy. Journal of Mechanical Science and Technology, 2019, 33, 765-772.	0.7	17
203	An integrated approach for multi-objective optimisation and MCDM of energy internet under uncertainty. Future Generation Computer Systems, 2019, 97, 90-104.	4.9	18
204	On the critical speed evaluation of arbitrarily oriented rotating doubly-curved shells made of functionally graded materials. Thin-Walled Structures, 2019, 140, 85-98.	2.7	49
205	Efficiency analysis of optimal inspection management for reinforced concrete structures under carbonation-induced corrosion risk. Construction and Building Materials, 2019, 211, 1000-1012.	3.2	8
206	Optimization of milling parameters of 1018 steel and nanoparticle additive concentration in cutting fluids for enhancing multi-response characteristics. Wear, 2019, 426-427, 877-886.	1.5	16
207	Dynamic modeling of non-cylindrical curved viscoelastic single-walled carbon nanotubes based on the second gradient theory. Materials Research Express, 2019, 6, 075041.	0.8	31
208	Comparison of lightweight aggregate and foamed concrete with the same density level using image-based characterizations. Construction and Building Materials, 2019, 211, 988-999.	3.2	79
209	Synthesis and evaluation of the effect of structural parameters on recovery rate of shape memory polyurethane-POSS nanocomposites. European Polymer Journal, 2019, 114, 446-451.	2.6	14
210	Vortex Pump as Turbine – A Type Turbine for Energy Generation or Recovery Based on Computational Fluid Dynamics Prediction. Journal of Fluids Engineering, Transactions of the ASME, 2019, 141, .	0.8	9
211	Experimental Study on Thermal Performance of Low Power SMD LEDs Light Bars: Thermal Resistance Modeling. Lecture Notes in Intelligent Transportation and Infrastructure, 2019, , 947-961.	0.3	1
212	Composite functioning as trap of photoproducts: TiO ₂ nanobelts anchored to carbon particles. Materials Chemistry and Physics, 2019, 228, 15-26.	2.0	8
213	Short-Range Non-Bending Fully Distributed Water/Humidity Sensors. Journal of Lightwave Technology, 2019, 37, 2014-2022.	2.7	6
214	Direct Contact Membrane Distillation Applied to Colored Reactive or Disperse Dye Solutions. Chemical Engineering and Technology, 2019, 42, 1045-1052.	0.9	16
215	An overview of residual stresses in metal powder bed fusion. Additive Manufacturing, 2019, 27, 131-149.	1.7	228
216	Cranial reconstruction using prefabricated direct 3DP porous polyethylene. Rapid Prototyping Journal, 2019, 26, 278-287.	1.6	4

#	ARTICLE	IF	CITATIONS
217	Implementation of the Force Measurement Feature in the Educational AFM. , 2019, , .		0
218	Ultraviolet Sensor Based on Conventional Distributed Fiber-Optic Strain Sensor. , 2019, , .		1
219	Intelligent compaction practice and development: a bibliometric analysis. Engineering, Construction and Architectural Management, 2019, 27, 1213-1232.	1.8	31
220	ECC-based Detection and Prediction Models of Sudden Cardiac Death: Current Performances and New Perspectives on Signal Processing Techniques. International Journal of Online and Biomedical Engineering, 2019, 15, 110.	0.9	7
221	Temperature Diffusivity Measurement and Nondestructive Testing Requiring No Extensive Sample Preparation and Using Stepwise Point Heating and IR Thermography. , 0, , .		6
222	Virtual inertia impact on the performance of photovoltaic system. , 2019, , .		1
223	Development of Augmented Reality (AR) Based Gamelan Simulation with Leap Motion Control. International Journal of Interactive Mobile Technologies, 2019, 13, 120.	0.7	7
224	Smart Cage Bird Lovebird Based on Arduino Using Internet of Thing. , 2019, , .		0
225	Dynamic Behavior of Slab Induced by Pedestrian Traffic. International Journal of Structural Stability and Dynamics, 2019, 19, 1950154.	1.5	3
226	Modification of 80-100 penetration grade bitumen. Bangladesh Journal of Scientific and Industrial Research, 2019, 54, 307-320.	0.1	3
227	Measurement of sparking voltage in electric machines based on their transient functions. IOP Conference Series: Earth and Environmental Science, 2019, 403, 012210.	0.2	0
228	Intensification of water reclamation from textile dyeing wastewater using thermal membrane technologies – Performance comparison of vacuum membrane distillation and thermopervaporation. Chemical Engineering and Processing: Process Intensification, 2019, 146, 107695.	1.8	11
229	Economic-Reliability Risk-Constrained Scheduling for Resilient-Microgrids Considering Demand Response Actions. , 2019, , .		5
230	Modeling of 3D temperature field in butt welded joint of 6060 alloy sheets using the ANSYS program. IOP Conference Series: Materials Science and Engineering, 2019, 659, 012034.	0.3	1
231	Optimization of steering control to improve the energy consumption of internal combustion engine vehicles. Heliyon, 2019, 5, e03056.	1.4	7
232	Recent Research Status on Polymer Composite Used in Concrete-An Overview. Materials Today: Proceedings, 2019, 18, 3780-3790.	0.9	21
233	A Bayesian spherical harmonics source radiation model for sound field control. Journal of the Acoustical Society of America, 2019, 146, 3425-3435.	0.5	9
234	Feature selection of Human Daily Activities using Ensemble method Classification. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
235	Experimental Investigation Into Fatigue Behaviour of EN- 8 Steel (080M40/AISI 1040) Subjected to Heat Treatment and Shot Peening Processes. Transactions of Famena, 2019, 43, 125-136.	0.3	4
236	Effects of palm-based trimethylolpropane ester/mineral oil blending on dielectric properties and oxidative stability of transformer insulating liquid. IEEE Transactions on Dielectrics and Electrical Insulation, 2019, 26, 1771-1778.	1.8	14
237	Walking gait event detection based on electromyography signals using artificial neural network. Biomedical Signal Processing and Control, 2019, 47, 334-343.	3.5	90
238	Flow and flame characteristics of a RP-3 fuelled high temperature rise combustor based on RQL. Fuel, 2019, 235, 1159-1171.	3.4	15
239	Phenolic profile of oils obtained from "by-products assisted by supercritical-CO ₂ and its relationship with antioxidant and lipid oxidation parameters: Triple TOF-LC-MS-MS characterization. Food Chemistry, 2019, 274, 865-871.	4.2	26
240	Baseline-free adaptive damage localization of plate-type structures by using robust PCA and Gaussian smoothing. Mechanical Systems and Signal Processing, 2019, 122, 232-246.	4.4	18
241	Targeting a channel coating by using magnetic field and magnetic nanofluids. Journal of Thermal Analysis and Calorimetry, 2019, 137, 381-388.	2.0	12
242	Nonnegative Matrix Factorization with Fixed L ₂ -Norm Constraint. Circuits, Systems, and Signal Processing, 2019, 38, 3211-3226.	1.2	3
243	Quality assessment of acoustic environment reproduction methods for cinematic virtual reality in soundscape applications. Building and Environment, 2019, 149, 1-14.	3.0	62
244	Additive manufacturing of Ti6Al4V alloy: A review. Materials and Design, 2019, 164, 107552.	3.3	1,384
245	Multiple Classifiers and Data Fusion for Robust Diagnosis of Gearbox Mixed Faults. IEEE Transactions on Industrial Informatics, 2019, 15, 4569-4579.	7.2	41
246	Nonlocal bending analysis of curved nanobeams reinforced by graphene nanoplatelets. Composites Part B: Engineering, 2019, 166, 1-12.	5.9	88
247	Comparative assessment of endocrine disrupting compounds removal in heterotrophic and enriched nitrifying biomass. Chemosphere, 2019, 217, 659-668.	4.2	21
248	The buckling and vibration analysis of coating-FGM-substrate conical shells under hydrostatic pressure with mixed boundary conditions. Composite Structures, 2019, 209, 686-693.	3.1	23
249	Compaction quality assessment of rockfill materials using roller-integrated acoustic wave detection technique. Automation in Construction, 2019, 97, 110-121.	4.8	36
250	Effective Prandtl Number Model Influences on the $\gamma_{Al_2O_3} \hat{=} \gamma_{H_2O}$ and $\gamma_{Al_2O_3} \hat{=} \gamma_{C_2H_6O_2}$ Nanofluids Spray Along a Stretching Cylinder. Arabian Journal for Science and Engineering, 2019, 44, 1601-1616.	1.7	32
251	Laboratory testing and analysis of dynamic and static resilient modulus of subgrade soil under various influencing factors. Construction and Building Materials, 2019, 195, 178-186.	3.2	49
252	Energy Sustainability Through the Use of Thermoelectric Materials in Waste Heat Recovery Systems Recent Developments and Challenges. Energy, Environment, and Sustainability, 2019, , 237-254.	0.6	2

#	ARTICLE	IF	CITATIONS
253	Enhanced Virtual Inertia Control Based on Derivative Technique to Emulate Simultaneous Inertia and Damping Properties for Microgrid Frequency Regulation. <i>IEEE Access</i> , 2019, 7, 14422-14433.	2.6	144
254	State-of-the-art of interlocking concrete block pavement technology in Japan as a post-modern pavement. <i>Construction and Building Materials</i> , 2019, 200, 713-755.	3.2	36
255	Cooperative Task Assignment and Trajectory Planning of Unmanned Systems Via HFLC and PSO. <i>Unmanned Systems</i> , 2019, 07, 65-81.	2.7	22
256	Hydrodynamics investigation of pepper drying in a swirling fluidized bed dryer with multiple-group twisted tape swirl generators. <i>Case Studies in Thermal Engineering</i> , 2019, 13, 100389.	2.8	27
257	Instantaneous frequency estimation of intersecting and close multi-component signals with varying amplitudes. <i>Signal, Image and Video Processing</i> , 2019, 13, 517-524.	1.7	35
258	Thermomechanical nonlinear in-plane analysis of fix-ended FGM shallow arches on nonlinear elastic foundation using two-step perturbation technique. <i>International Journal of Mechanics and Materials in Design</i> , 2019, 15, 225-244.	1.7	27
259	Inertia emulation from HVDC links for LFC in the presence of smart V2G networks. , 2019, , 251-265.		1
260	Vibration and nonlinear dynamic response of eccentrically stiffened functionally graded composite truncated conical shells surrounded by an elastic medium in thermal environments. <i>Acta Mechanica</i> , 2019, 230, 157-178.	1.1	28
261	Role of emerging contaminants on solar photocatalytic treatment of organic matter in reverse osmosis concentrate. <i>Catalysis Today</i> , 2019, 326, 101-107.	2.2	13
262	Assessment of despeckle filtering algorithms for segmentation of breast tumours from ultrasound images. <i>Biocybernetics and Biomedical Engineering</i> , 2019, 39, 100-121.	3.3	25
263	Wettability Analysis and Water Absorption Studies of Plasma Activated Polymeric Materials. , 2019, , 261-285.		11
264	Automated eye blink artefact removal from EEG using support vector machine and autoencoder. <i>IET Signal Processing</i> , 2019, 13, 141-148.	0.9	36
265	A Modified Viterbi Algorithm-Based IF Estimation Algorithm for Adaptive Directional Time-Frequency Distributions. <i>Circuits, Systems, and Signal Processing</i> , 2019, 38, 2227-2244.	1.2	36
266	Transient response of oscillated carbon nanotubes with an internal and external damping. <i>Composites Part B: Engineering</i> , 2019, 158, 198-205.	5.9	50
267	Comparative electrochemical investigation of zinc based nano-composite anode materials for solid oxide fuel cell. <i>Ceramics International</i> , 2019, 45, 1077-1083.	2.3	20
268	Numerical evaluation of transient deflection and frequency responses of sandwich shell structure using higher order theory and different mechanical loadings. <i>Engineering With Computers</i> , 2019, 35, 1009-1026.	3.5	25
269	A survey for the applications of content-based microscopic image analysis in microorganism classification domains. <i>Artificial Intelligence Review</i> , 2019, 51, 577-646.	9.7	52
270	Refined shear deformation theories for laminated composite arches and beams with variable thickness: Natural frequency analysis. <i>Engineering Analysis With Boundary Elements</i> , 2019, 100, 24-47.	2.0	31

#	ARTICLE	IF	CITATIONS
271	Effect of different expanded aggregates on the properties of lightweight concrete. Magazine of Concrete Research, 2019, 71, 95-107.	0.9	44
272	Prevalence of heavy metals and computation of its associated risk in surface water consumed in Ado-Odo Ota, South-West Nigeria. Human and Ecological Risk Assessment (HERA), 2019, 25, 882-904.	1.7	17
273	Free vibration analysis of rotating fiber-reinforced metal laminate circular cylindrical shells. Journal of Sandwich Structures and Materials, 2019, 21, 1009-1031.	2.0	23
274	On buckling and free vibration studies of sandwich plates and cylindrical shells: A review. Journal of Thermoplastic Composite Materials, 2020, 33, 673-724.	2.6	20
275	Steam Explosion of Beech Wood: Effect of the Particle Size on the Xylans Recovery. Waste and Biomass Valorization, 2020, 11, 625-633.	1.8	23
276	The effects of spatial separations between water sound and traffic noise sources on soundscape assessment. Building and Environment, 2020, 167, 106423.	3.0	23
277	Investigation of the effect of aging on the thermodynamic parameters and the intrinsic healing capability of graphene oxide modified asphalt binders. Construction and Building Materials, 2020, 230, 116984.	3.2	45
278	Epileptic seizure detection on EEG signals using machine learning techniques and advanced preprocessing methods. Biomedizinische Technik, 2020, 65, 33-50.	0.9	27
279	Phosphate glasses with high tantalum oxide contents: Thermal, structural and optical properties. Materials Chemistry and Physics, 2020, 239, 121996.	2.0	12
280	Analysis and optimization of a methanol reactor with the adsorption of carbon monoxide and water. Renewable Energy, 2020, 146, 2744-2757.	4.3	4
281	Experimental study on wear life of journal bearings in the rotor system subjected to torque. Transactions of the Canadian Society for Mechanical Engineering, 2020, 44, 272-278.	0.3	4
282	Microgrid Stability Definitions, Analysis, and Examples. IEEE Transactions on Power Systems, 2020, 35, 13-29.	4.6	422
283	A global time-varying sliding-mode control for the tracking problem of uncertain dynamical systems. ISA Transactions, 2020, 97, 155-170.	3.1	34
284	Ethanol Production from Schinus molle Essential Oil Extraction Residues. Waste and Biomass Valorization, 2020, 11, 4053-4065.	1.8	2
285	Shape-stabilized phase change materials of polyolefin/wax blends and their composites. Journal of Thermal Analysis and Calorimetry, 2020, 139, 2951-2963.	2.0	19
286	Resolving structures of transition metal complex reaction intermediates with femtosecond EXAFS. Physical Chemistry Chemical Physics, 2020, 22, 2660-2666.	1.3	21
287	Autonomous Internet of Things predictive control application based on wireless networked multi-agent topology and embedded operating system. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2020, 234, 577-595.	0.7	8
288	Application and Validation of Peak Shaving to Improve Performance of a 100kW Wind Turbine. International Journal of Precision Engineering and Manufacturing - Green Technology, 2020, 7, 411-421.	2.7	14

#	ARTICLE	IF	CITATIONS
289	Employing PCA and t-statistical approach for feature extraction and classification of emotion from multichannel EEG signal. <i>Egyptian Informatics Journal</i> , 2020, 21, 23-35.	4.4	93
290	Particularities and commonalities of singular spectrum analysis as a method of time series analysis and signal processing. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2020, 12, e1487.	2.1	42
291	Field measurement of air temperature in a cold region tunnel in northeast China. <i>Cold Regions Science and Technology</i> , 2020, 171, 102957.	1.6	28
292	Sodium ion conducting nanocomposite polymer electrolyte membrane for sodium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 521-532.	1.2	26
293	Robust Resilient Control Based on Multi-Approximator for the Uncertain Turbofan System With Unmeasured States and Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6040-6049.	5.9	12
294	Assessment of geomaterial compaction using the pressure-wave fundamental frequency. <i>Transportation Geotechnics</i> , 2020, 22, 100318.	2.0	10
295	Layer by layer exposure of subsurface defects and laser-induced damage mechanism of fused silica. <i>Applied Surface Science</i> , 2020, 508, 145186.	3.1	37
296	Novel pure Ca ₂ ZnMoO ₆ composition with white-light luminescence. <i>Luminescence</i> , 2020, 35, 243-249.	1.5	3
297	Gaps in terrestrial soundscape research: It's time to focus on tropical wildlife. <i>Science of the Total Environment</i> , 2020, 707, 135403.	3.9	20
298	An evolving approach to data streams clustering based on typicality and eccentricity data analytics. <i>Information Sciences</i> , 2020, 518, 13-28.	4.0	40
299	Effects of a hovering unmanned aerial vehicle on urban soundscapes perception. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 78, 102195.	3.2	45
300	Renewable Power Systems Dynamic Security. <i>Power Systems</i> , 2020, , .	0.3	4
301	Kinetics of pyrolysis and gasification of cotton stalk in the central parts of India. <i>Fuel</i> , 2020, 263, 116752.	3.4	61
302	Stochastic Risk-Constrained Scheduling of Renewable-Powered Autonomous Microgrids With Demand Response Actions: Reliability and Economic Implications. <i>IEEE Transactions on Industry Applications</i> , 2020, 56, 1882-1895.	3.3	61
303	Synthesis of silica nanoparticles with different morphologies and their effects on enhanced oil recovery. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1105-1114.	1.6	14
304	Experimental validation of gas leak detection in screw thread connections of galvanized pipe based on acoustic emission and neural network. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2460.	1.9	10
305	Strong white light emission from SiC _x O _y films grown by HFCVD technique. <i>Optical Materials</i> , 2020, 99, 109551.	1.7	8
306	Potential energy recovery scheme with variable displacement asymmetric axial piston pump. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2020, 234, 875-887.	0.7	1

#	ARTICLE	IF	CITATIONS
307	Evaluating QoE in VoIP networks with QoS mapping and machine learning algorithms. <i>Neurocomputing</i> , 2020, 386, 63-83.	3.5	19
308	A Novel Blending Hilbert -Kolmogorov Approach for Epileptic Seizures detection. , 2020, , .		0
309	Hydrogeochemical evolution of shallow and deeper aquifers in central Bangladesh: arsenic mobilization process and health risk implications from the potable use of groundwater. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	42
310	Microwave plasma atomic emission spectrometry (MP-AES) and its applications â€“ A critical review. <i>Microchemical Journal</i> , 2020, 159, 105483.	2.3	53
311	Emotional EEG classification using connectivity features and convolutional neural networks. <i>Neural Networks</i> , 2020, 132, 96-107.	3.3	55
312	Novel formulation of antimicrobial peptides enhances antimicrobial activity against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Amino Acids</i> , 2020, 52, 1439-1457.	1.2	20
313	An MCM-Enhanced Compressive Sensing for Weak Fault Feature Extraction of Rolling Element Bearings under Variable Speeds. <i>Shock and Vibration</i> , 2020, 2020, 1-21.	0.3	2
314	Investigation of the tool wear, surface roughness, and chip formation in the machining of ZrO ₂ -reinforced aluminum composites. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	0.8	7
315	Maximizing cohesion and separation for detecting protein functional modules in protein-protein interaction networks. <i>PLoS ONE</i> , 2020, 15, e0240628.	1.1	4
316	PEGylation of iron doped hydroxyapatite nanoparticles for increased applicability as MRI contrast agents and as drug vehicles: A study on thrombogenicity, cytocompatibility and drug loading. <i>European Polymer Journal</i> , 2020, 137, 109934.	2.6	13
317	Effect of Sodium Alginate Fibers Encapsulating Rejuvenators on the Self-Healing Capability and Cracking Resistance of Asphalt Mixtures. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	20
318	Investigating the effectiveness of carbon nanomaterials on asphalt binders from hot storage stability, thermodynamics, and mechanism perspectives. <i>Journal of Cleaner Production</i> , 2020, 276, 124180.	4.6	49
319	Preparation of PDLLA based nanocomposites with modified silica by in situ polymerization: Study of molecular, morphological, and mechanical properties. <i>Materials Today Communications</i> , 2020, 25, 101610.	0.9	7
320	An Invasive Weed Optimization-Based Fuzzy Decision-making Framework for Bridge Intervention Prioritization in Element and Network Levels. <i>International Journal of Information Technology and Decision Making</i> , 2020, 19, 1189-1246.	2.3	3
321	Dynamic analysis of double-helical gear system considering effect of oil film among meshing teeth. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402092011.	0.8	5
322	Mechanical performance characterization of rotating shaft using fibre Bragg grating sensors. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
323	A robust approach to state of charge assessment based on moving horizon optimal estimation considering battery system uncertainty and aging condition. <i>Journal of Cleaner Production</i> , 2020, 270, 122508.	4.6	11
324	Perspective-2-Point Solution in the Problem of Indirectly Measuring the Distance to a Wagon. , 2020, , .		6

#	ARTICLE	IF	CITATIONS
325	Soil temperature drives elevational patterns of reproductive allometry in a biodiversity hotspot. <i>Plant Ecology</i> , 2020, 221, 979-988.	0.7	2
326	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
327	A multi-parametric simulation study of neural networks' performance for nonlinear data against linear regression analysis in economics. <i>International Journal of Business Forecasting and Market Intelligence</i> , 2020, 6, 17.	0.1	1
328	Classification and dynamic assessment of droop-based grid-forming control schemes: Application in HVDC systems. <i>Electric Power Systems Research</i> , 2020, 189, 106765.	2.1	29
329	Early discrimination of mature-and immature-green tomatoes (<i>Solanum lycopersicum</i> L.) using fluorescence imaging method. <i>Postharvest Biology and Technology</i> , 2020, 169, 111287.	2.9	13
330	Lambert W-function simplified expressions for photovoltaic current-voltage modelling. , 2020, , .		6
331	Video-based Assistance for Autonomous Driving. , 2020, , .		1
332	Unsupervised Classification of Flow-Induced Vibration Signals to Detect Leakages in Water Distribution Pipelines. , 2020, , .		2
333	Synchronverter: A Comprehensive Review of Modifications, Stability Assessment, Applications and Future Perspectives. <i>IEEE Access</i> , 2020, 8, 131565-131589.	2.6	53
334	Nanocomposite Synthesis from a Natural Clay-Rich Soils and Exhausted Coffee Grounds for Environmental Applications. <i>Journal of Nano Research</i> , 0, 63, 47-63.	0.8	2
335	Reduction of hazardous reactive oxygen species (ROS) production of ZnO through Mn inclusion for possible UV-radiation shielding application. <i>Heliyon</i> , 2020, 6, e04186.	1.4	21
336	A bottom-up approach to study the moisture susceptibility of bio-modified asphalt. <i>Construction and Building Materials</i> , 2020, 265, 120289.	3.2	12
337	Fatigue damage assessment of reinforced concrete beam using average frequency and rise angle value of acoustic emission signal. <i>International Journal of Structural Integrity</i> , 2020, 11, 633-643.	1.8	3
338	Classification of Mosquitoes with Infrared Spectroscopy and Partial Least Squares-Discriminant Analysis. <i>Applied Spectroscopy</i> , 2020, 74, 900-912.	1.2	9
339	Protection of neuronal cell lines, antimicrobial and photocatalytic behaviours of eco-friendly TiO ₂ nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104343.	3.3	10
340	The effects of activity-related contexts on individual sound exposures: A time-geographic approach to soundscape studies. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 2073-2092.	1.0	8
341	Correlation Characteristics of Electrical Conductivity of Surface Waters with the Fluorescence Excitation-Emission Matrix Spectroscopy-Parallel Factor Components of Dissolved Organic Matter. <i>Journal of Fluorescence</i> , 2020, 30, 1383-1396.	1.3	5
342	A General Approach to Assessing the Trustworthiness of System Condition Prognostication. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
343	Application of Plasma Electrolytic Oxidation Coating on Powder Metallurgy Ti-6Al-4V for Dental Implants. <i>Metals</i> , 2020, 10, 1167.	1.0	10
344	Tracking control of cable-driven manipulator with adaptive fractional-order nonsingular fast terminal sliding mode control. <i>JVC/Journal of Vibration and Control</i> , 2021, 27, 2482-2493.	1.5	7
345	Comparing associations among sound sources, human behaviors, and soundscapes on central business and commercial streets in Seoul, Korea. <i>Building and Environment</i> , 2020, 186, 107327.	3.0	11
346	The bioactivities of prepared Ti, Zn, TiO ₂ , ZnO and Al ₂ O ₃ nanoparticles by rapid breakdown anodization technique. <i>Surfaces and Interfaces</i> , 2020, 20, 100640.	1.5	5
347	Binary Masks of Concentric Rings as a Method to Approximate Identification of Diatoms Using Images. <i>IEEE Access</i> , 2020, 8, 141497-141510.	2.6	1
348	Improving the performance of graphene nanoribbon field-effect transistors by using lanthanum aluminate as the gate dielectric. <i>Journal of Computational Electronics</i> , 2020, 19, 1507-1515.	1.3	9
349	Parallel computation of time-varying convolution. <i>Journal of New Music Research</i> , 2020, 49, 403-415.	0.6	0
350	On the solution of large-amplitude vibration of carbon nanotube-based double-curved shallow shells. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	13
351	Robust Adaptive Fault-Tolerant Control for the Turbofan Aero-Engine System. , 2020, , .		3
352	A Deep Reinforcement Learning Method for Pricing Electric Vehicles With Discrete Charging Levels. <i>IEEE Transactions on Industry Applications</i> , 2020, 56, 5901-5912.	3.3	58
353	Handling Lithium-Ion Batteries in Electric Vehicles: Preventing and Recovering from Hazardous Events. <i>Fire Technology</i> , 2020, 56, 2671-2694.	1.5	24
354	Rear surface passivation of ultra-thin CIGS solar cells using atomic layer deposited HfO _x . <i>EPJ Photovoltaics</i> , 2020, 11, 10.	0.8	17
355	Increased shielding of a Direct Energy Deposition process to enable Deposition of reactive materials; an investigation into Deposition of 15-5 PH Stainless Steel, Inconel 718 and Ti-6Al-4V. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2022, 36, 227-235.	2.3	11
357	Leakage detection in water pipelines using supervised classification of acceleration signals. <i>Automation in Construction</i> , 2020, 117, 103256.	4.8	74
358	Application of PMUs to monitor large-scale PV penetration infeed on frequency of 60ÂHz Japan power system: A case study from Kyushu Island. <i>Electric Power Systems Research</i> , 2020, 185, 106393.	2.1	16
359	Visual assessment of 3D printed elements: A practical quality assessment for home-made FDM products. <i>Materials Today: Proceedings</i> , 2020, 26, 1520-1525.	0.9	11
360	First-order virtual synchronization: A new methodology for online identification of structural damping in presence of seismic excitation. <i>Asian Journal of Control</i> , 2021, 23, 2507-2524.	1.9	0
361	Modelling, Implementation, and Assessment of Virtual Synchronous Generator in Power Systems. <i>Journal of Modern Power Systems and Clean Energy</i> , 2020, 8, 399-411.	3.3	104

#	ARTICLE	IF	CITATIONS
362	Evaluation of bi-directional cascading failure propagation in integrated electricity-natural gas system. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 121, 106045.	3.3	27
363	Valorization of waste powders from cement-concrete life cycle: A pathway to circular future. <i>Journal of Cleaner Production</i> , 2020, 268, 122358.	4.6	77
364	Phosphate Porous Coatings Enriched with Selected Elements via PEO Treatment on Titanium and Its Alloys: A Review. <i>Materials</i> , 2020, 13, 2468.	1.3	22
365	Estimating and Mapping Mangrove Biomass Dynamic Change Using WorldView-2 Images and Digital Surface Models. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 2123-2134.	2.3	10
366	Exploring grinding and burnishing as surface post-treatment options for electron beam additive manufactured Alloy 718. <i>Surface and Coatings Technology</i> , 2020, 397, 126063.	2.2	28
367	Control Strategies for DFIG-based Wind Turbine Systems Contributing to LVRT improvement and Grid Primary Frequency Adjustment. , 2020, , .		1
368	Modeling of magnitude and frequency of floods on the Narmada River: India. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 2505-2516.	1.9	9
369	Synthesis, structural and morphological analysis of hexagonal boron nitride doped BaCO ₃ -TiO ₂ composites. <i>Materials Today: Proceedings</i> , 2020, 31, 457-463.	0.9	3
370	Concrete bridge damage detection using parallel simulation. <i>Automation in Construction</i> , 2020, 119, 103283.	4.8	4
371	Enhancing land cover classification for multispectral images using hybrid polarimetry SAR data. <i>International Journal of Remote Sensing</i> , 2020, 41, 6718-6754.	1.3	5
372	Enhancing inertia of solar photovoltaic-based microgrid through notch filter-based PLL in SRF control. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 379-388.	1.4	12
373	SOMprocessor: A high throughput FPGA-based architecture for implementing Self-Organizing Maps and its application to video processing. <i>Neural Networks</i> , 2020, 125, 349-362.	3.3	18
374	Nonlinear buckling and post-buckling analysis of shear deformable stiffened truncated conical sandwich shells with functionally graded face sheets and a functionally graded porous core. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 2700-2735.	2.0	21
375	Raman and IR spectroscopic modality for authentication of turmeric powder. <i>Food Chemistry</i> , 2020, 320, 126567.	4.2	30
376	Interpol review of fire investigation 2016-2019. <i>Forensic Science International (Online)</i> , 2020, 2, 368-381.	0.6	9
377	Fuzzy Design Optimization-Based Fatigue Reliability Analysis of Welding Robots. <i>IEEE Access</i> , 2020, 8, 64906-64917.	2.6	10
378	Rheologically controlled design of nature-inspired superhydrophobic and self-cleaning membranes for clean water production. <i>Npj Clean Water</i> , 2020, 3, .	3.1	35
379	Flexible stochastic scheduling of microgrids with islanding operation complemented by optimal offering strategies. <i>CSEE Journal of Power and Energy Systems</i> , 2020, , .	1.7	8

#	ARTICLE	IF	CITATIONS
380	Probabilistic approach for optimal portfolio selection using a hybrid Monte Carlo simulation and Markowitz model. AEJ - Alexandria Engineering Journal, 2020, 59, 3381-3393.	3.4	20
381	Resilient anti-disturbance H^{∞} control for turbofan systems. Transactions of the Institute of Measurement and Control, 2020, 42, 2686-2697.	1.1	6
382	Bridge health monitoring using deflection measurements under random traffic. Structural Control and Health Monitoring, 2020, 27, e2593.	1.9	28
383	Dynamic contact modeling considering local material deformation by grit indentation for abrasive belt rail grinding. International Journal of Advanced Manufacturing Technology, 2020, 108, 2165-2176.	1.5	7
384	Thermally stable Au decorated silica-titania mesoporous nanocomposite for pH sensing evaluation. Applied Surface Science, 2020, 521, 146329.	3.1	10
385	Rational design, bio-functionalization and biological performance of hybrid additive manufactured titanium implants for orthopaedic applications: A review. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 105, 103671.	1.5	97
386	MANFIS based SMART home energy management system to support SMART grid. Peer-to-Peer Networking and Applications, 2020, 13, 2177-2188.	2.6	13
387	Investigation on the material removal behavior of single crystal diamond by infrared nanosecond pulsed laser ablation. Optics and Laser Technology, 2020, 126, 106086.	2.2	12
388	Investigation of phase composition and microstructure of foamed cement paste with different supplementary cementing materials. Cement and Concrete Composites, 2020, 109, 103560.	4.6	41
389	Long-term strength of asphalt concrete and its applications. Construction and Building Materials, 2020, 244, 118325.	3.2	4
390	Perceived acceptability of wearable devices for the treatment of mental health problems. Journal of Clinical Psychology, 2020, 76, 987-1003.	1.0	30
391	Microwave Non-destructive Evaluation of Glass Reinforced Epoxy and High Density Polyethylene Pipes. Journal of Nondestructive Evaluation, 2020, 39, 1.	1.1	14
392	Random vibration fatigue life assessment and optimization of a train buffer beam considering welding residual stress. Journal of Mechanical Science and Technology, 2020, 34, 1071-1080.	0.7	5
393	Building safety monitoring based on extreme gradient boosting in distributed optical fiber sensing. Optical Fiber Technology, 2020, 55, 102149.	1.4	16
394	A hybrid model of external environmental benefits compensation to practitioners for the application of prefabricated construction. Environmental Impact Assessment Review, 2020, 81, 106358.	4.4	27
395	Advancing a NeuroIS research agenda with four areas of societal contributions. European Journal of Information Systems, 2020, 29, 9-24.	5.5	45
396	A Regret-Based Stochastic Bi-Level Framework for Scheduling of DR Aggregator Under Uncertainties. IEEE Transactions on Smart Grid, 2020, 11, 3171-3184.	6.2	50
397	Comparison of the pore size distributions of concretes with different air-entraining admixture dosages using 2D and 3D imaging approaches. Materials Characterization, 2020, 162, 110182.	1.9	33

#	ARTICLE	IF	CITATIONS
398	CNN Classification of the Cultural Heritage Images. , 2020, , .		11
399	Voltage Conveyor based Electronically Tunable Multifunction Biquadratic Filter. , 2020, , .		8
400	A machine learning approach for simultaneous measurement of magnetic field position and intensity with fiber Bragg grating and magnetorheological fluid. Optical Fiber Technology, 2020, 56, 102184.	1.4	68
401	On the plastic buckling of curved carbon nanotubes. Theoretical and Applied Mechanics Letters, 2020, 10, 46-56.	1.3	25
402	Foam Concrete: A State-of-the-Art and State-of-the-Practice Review. Advances in Materials Science and Engineering, 2020, 2020, 1-25.	1.0	46
403	Synthesis, characterization, and performance of carboxymethyl chitosan with different molecular weight as additive in water-based drilling fluid. Journal of Molecular Liquids, 2020, 310, 113135.	2.3	24
404	Weak fault detection for wind turbine bearing based on ACYCBD and IESB. Journal of Mechanical Science and Technology, 2020, 34, 1399-1413.	0.7	22
405	Additive manufacturing of biodegradable porous orthopaedic screw. Bioactive Materials, 2020, 5, 458-467.	8.6	56
406	High load frequency at 20Hz: Its effects on the fatigue behavior of a leucite-reinforced glass-ceramic. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 107, 103769.	1.5	7
407	Action unit analysis enhanced facial expression recognition by deep neural network evolution. Neurocomputing, 2021, 425, 135-148.	3.5	22
408	Damage Localization in Laminated Composite Beams with Multiple Edge Cracks Based on Vibration Measurements. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 75-87.	1.0	15
409	Synthesis and characterization of a composite organic semiconductor (curcumin-paracetamol/TiO ₂). Polymers and Polymer Composites, 2021, 29, 417-426.	1.0	9
410	Peer-to-Peer Energy Trading Between Wind Power Producer and Demand Response Aggregators for Scheduling Joint Energy and Reserve. IEEE Systems Journal, 2021, 15, 705-714.	2.9	30
411	Fresh and hardened properties of lightweight self-compacting concrete containing walnut shells as coarse aggregate. Journal of King Saud University, Engineering Sciences, 2021, 33, 364-372.	1.2	13
412	Data-Driven Iterative Adaptive Critic Control Toward an Urban Wastewater Treatment Plant. IEEE Transactions on Industrial Electronics, 2021, 68, 7362-7369.	5.2	135
413	Investigating the thermal effect on the flow characteristics of acrylamide-based polymer modified bentonite drilling mud using upper shear stress limit. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 291-303.	1.2	6
414	Flexible operation of low-inertia power systems connected via high voltage direct current interconnectors. Electric Power Systems Research, 2021, 192, 106911.	2.1	11
415	Risk-Based Stochastic Scheduling of Resilient Microgrids Considering Demand Response Programs. IEEE Systems Journal, 2021, 15, 971-980.	2.9	33

#	ARTICLE	IF	CITATIONS
416	High Gain Coefficient Parametric Amplification of Optical Phonon Mode in Magnetized AlInBV Semiconductor Plasmas. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 721-729.	1.7	4
417	Recent Advancements on Vibrational Spectroscopic Techniques for the Detection of Authenticity and Adulteration in Horticultural Products with a Specific Focus on Oils, Juices and Powders. <i>Food and Bioprocess Technology</i> , 2021, 14, 1-22.	2.6	33
418	A Review of Segmentation Algorithms Applied to B-Mode Breast Ultrasound Images: A Characterization Approach. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 2567-2606.	6.0	6
419	Evaluation of the effect of cryogenic treatment of HSS drills in drilling SS310. <i>Materials Today: Proceedings</i> , 2021, 37, 449-452.	0.9	4
420	Evolutionary Computation with User's Preference for Solving Fuzzy Fitness Forecasting Problems. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2021, 35, 2159001.	0.7	0
421	Transesterification kinetics of waste cooking oil and its diesel engine performance. <i>Fuel</i> , 2021, 285, 119108.	3.4	25
422	Towards environmental sustainability in the local community: Future insights for managing the hazardous pollutants at construction sites. <i>Journal of Hazardous Materials</i> , 2021, 403, 123804.	6.5	15
423	Wind turbine unsteady aerodynamics and performance by a free-wake panel method. <i>Renewable Energy</i> , 2021, 164, 444-459.	4.3	10
424	In-process monitoring of part geometry in fused filament fabrication using computer vision and digital twins. <i>Additive Manufacturing</i> , 2021, 37, 101609.	1.7	28
425	Ultrafast degradation of Congo Red dye using a facile one-pot solvothermal synthesis of cuprous oxide/titanium dioxide and cuprous oxide/zinc oxide p-n heterojunction photocatalyst. <i>Materials Science in Semiconductor Processing</i> , 2021, 122, 105481.	1.9	29
426	Condition assessment of retrofitted steel truss bridge through fused Hilbert transform and frequency resolution enhancing techniques. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	1.1	1
427	The effect of melted-spherical and crushed CRT funnel glass waste as coarse aggregates on concrete performance. <i>Journal of Building Engineering</i> , 2021, 35, 102035.	1.6	9
428	Virtual Inertia Synthesis and Control. <i>Power Systems</i> , 2021, , .	0.3	30
430	Simple solar panels/battery modeling for spacecraft power distribution systems. <i>Acta Astronautica</i> , 2021, 179, 345-358.	1.7	12
431	A Novel Multivariate-Multiscale Approach for Computing EEG Spectral and Temporal Complexity for Human Emotion Recognition. <i>IEEE Sensors Journal</i> , 2021, 21, 3579-3591.	2.4	69
432	<i>Terminalia chebula</i> as a novel green source for the synthesis of copper oxide nanoparticles and as feedstock for biodiesel production and its application on diesel engine. <i>Energy</i> , 2021, 215, 119165.	4.5	36
433	Current and emerging analytical techniques for geochemical and geochronological studies. <i>Geological Journal</i> , 2021, 56, 2300-2359.	0.6	30
434	Cellular Automata-Based Mechanistic Model for Analyzing Microbial Regrowth and Trihalomethanes Formation in Water Distribution Systems. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, .	0.7	14

#	ARTICLE	IF	CITATIONS
435	Deep Learning Applications, Volume 2. Advances in Intelligent Systems and Computing, 2021, , .	0.5	4
436	Recent Trends of Control Strategies for Doubly Fed Induction Generator Based Wind Turbine Systems: A Comparative Review. Archives of Computational Methods in Engineering, 2021, 28, 15-29.	6.0	37
437	MLP-WOA Neural Network-Based Automated Grading of Fruits and Vegetable Quality Detection for Food Industry Using Artificial Intelligence Techniques (Computer Visionâ€™Image Recognition). Algorithms for Intelligent Systems, 2021, , 539-561.	0.5	0
438	Facile rheological route method for LiFePO ₄ /C cathode material production. Open Engineering, 2021, 11, 669-676.	0.7	5
439	A <i>cost-effective</i> electronic lighting driver with <i>high-power-factor</i> and <i>soft-switching</i> for supplying an <i>LED street-light</i> lamp. International Transactions on Electrical Energy Systems, 2021, 31, e12801.	1.2	4
440	Dynamic Response Analyses of Plastic Greenhouse Structure considering Fluctuating Wind Load. Advances in Civil Engineering, 2021, 2021, 1-13.	0.4	5
441	Small-signal analysis of multiple virtual synchronous machines to enhance frequency stability of grid-connected high renewables. IET Generation, Transmission and Distribution, 2021, 15, 1273-1289.	1.4	14
442	Study on chip formation when machining aluminum alloy 7075-T6 with carbide tools under high-speed machining. AIP Conference Proceedings, 2021, , .	0.3	0
443	Multimodal hyperspectral remote sensing: an overview and perspective. Science China Information Sciences, 2021, 64, 1.	2.7	47
444	Photoactivation and photoregeneration of TiO ₂ /PAC mixture applied in suspension in water treatments: approach to a real application. Environmental Science and Pollution Research, 2021, 28, 24167-24179.	2.7	4
445	Grid Frequency and Amplitude Control Using DFIG Wind Turbines in a Smart Grid. Mathematics, 2021, 9, 143.	1.1	8
447	Laser processing over a large area by wavefront-controlled scanning. Journal of Laser Applications, 2021, 33, 012052.	0.8	1
448	Evaluation of antioxidant and anticancer activity of crude extract and different fractions of <i>Chlorella vulgaris</i> axenic culture grown under various concentrations of copper ions. BMC Complementary Medicine and Therapies, 2021, 21, 51.	1.2	40
449	Assembly of fibre bragg grating with optical tweezers for continuous detection and trapping of micro-particles. Optik, 2021, 228, 166215.	1.4	1
450	Role of expanded clay aggregate, metakaolin and silica fume on the of modified lightweight concrete properties. Geosystem Engineering, 0, , 1-12.	0.7	28
451	Overland touristsâ€™ natural soundscape perceptions: influences on experience, satisfaction, and electronic word-of-mouth. Tourism Recreation Research, 2022, 47, 591-607.	3.3	17
452	Large Deformation Finite Element Modeling of Rubble Mound Breakwater Built on Soft Seabed Using Coupled Eulerianâ€™Lagrangian Method. Indian Geotechnical Journal, 2021, 51, 315-328.	0.7	0
453	Fatigue Life Prediction of 180 Ton Lifting Spreader Construction Material ST43 Using S-N Curve. Journal of Physics: Conference Series, 2021, 1764, 012183.	0.3	1

#	ARTICLE	IF	CITATIONS
454	Marine predators algorithm for parameters estimation of photovoltaic modules considering various weather conditions. <i>Neural Computing and Applications</i> , 2021, 33, 11799-11819.	3.2	30
455	Mapping of fatty acids composition in shelled almonds analysed in bulk using a Hyperspectral Imaging system. <i>LWT - Food Science and Technology</i> , 2021, 138, 110678.	2.5	9
456	Layered Marangoni convection with the Navier slip condition. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2021, 46, 1.	0.8	5
457	An improved time-varying empirical mode decomposition for structural condition assessment using limited sensors. <i>Engineering Structures</i> , 2021, 232, 111882.	2.6	35
458	An efficient IF estimation algorithm for both mono- and multi-sensor recordings. <i>Signal, Image and Video Processing</i> , 2021, 15, 1687-1693.	1.7	5
459	Experimental study on seismic performance of shear wall with precast concrete hollow molds. <i>Structural Concrete</i> , 2021, 22, 1445-1461.	1.5	10
460	Buckling characteristics of cut-out borne composite stiffened hyperbolic paraboloid shell panel. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2021, 235, 2404-2422.	0.7	2
461	A review of high energy density beam processes for welding and additive manufacturing applications. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2021, 65, 1235-1306.	1.3	26
462	The Use of Interlocking Polyetheretherketone (PEEK) Patient-Specific Facial Implants in the Treatment of Facial Deformities. A Retrospective Review of Ten Patients. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 1145.e1-1145.e9.	0.5	5
463	Tohoku Kiritan singing database: A singing database for statistical parametric singing synthesis using Japanese pop songs. <i>Acoustical Science and Technology</i> , 2021, 42, 140-145.	0.3	10
464	A techno-economic assessment on the adoption of latent heat thermal energy storage systems for district cooling optimal dispatch & operations. <i>Applied Energy</i> , 2021, 289, 116646.	5.1	33
465	Bending analysis of functionally graded porous nanocomposite beams based on a non-local strain gradient theory. <i>Mathematics and Mechanics of Solids</i> , 2022, 27, 66-92.	1.5	16
466	Gold Nanoparticles from Plant Materials: Green Extraction, Biological Synthesis and Its Beneficial Properties for Cosmeceutical Applications. <i>ICRRD Quality Index Research Journal</i> , 2021, 2, 12-29.	0.4	2
467	Sentinel-1 interferometric coherence and backscattering analysis for crop monitoring. <i>Computers and Electronics in Agriculture</i> , 2021, 185, 106118.	3.7	30
468	A Nonlinear H _∞ Set-point Control Method for Turbofan Engines with Disturbances. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 3062-3074.	1.6	3
469	Assessment of cabin noise contributing factors of a turbo-propeller airplane using EMD and SSA signal decomposition methods. <i>Applied Acoustics</i> , 2021, 178, 108020.	1.7	8
470	Signal processing for a reverse-GPS wildlife tracking system: CPU and GPU implementation experiences. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e6506.	1.4	2
471	Detection of ADHD From EEG Signals Using Different Entropy Measures and ANN. <i>Clinical EEG and Neuroscience</i> , 2022, 53, 12-23.	0.9	23

#	ARTICLE	IF	CITATIONS
491	Classification of forecasting methods in production engineering. Engineering Management in Production and Services, 2019, 11, 23-33.	0.5	9
492	Automated analysis of foraminifera fossil records by image classification using a convolutional neural network. Journal of Micropalaeontology, 2020, 39, 183-202.	1.3	31
493	A New Parameter Tuning Technique for Noninteger Controllers in Low-Inertia Modern Power Grids. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 279-288.	3.0	12
494	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
495	Energy Storage Systems: Aspects of Safety and Optimization. NaUKMA Research Papers Computer Science, 2018, 1, 65-71.	0.0	0
496	Stability Analysis and Fixed Radius Turning Planning of Hexapod Robot. Lecture Notes in Computer Science, 2019, , 15-25.	1.0	0
497	Strong Formulation: A Powerful Way for Solving Doubly Curved Shell Structures. Advanced Structured Materials, 2019, , 659-685.	0.3	0
498	Rotation of Sound Fields Which Are Represented by Means of a Plane Wave Expansion. Communications in Computer and Information Science, 2019, , 101-113.	0.4	0
499	Authentication of turmeric powder using hyperspectral Raman system. , 2019, , .		0
500	Demonstrative study of brain anatomical landmarks by intraoperative ultrasound imaging. Egyptian Journal of Neurosurgery, 2019, 34, .	0.2	1
501	Analysis and Design of Rehabilitation Device in Sensory Integration Therapy for Autism Children. International Journal of Robotics and Automation Technology, 2019, 6, 73-80.	0.2	0
502	Introduction and Literature Review. Power Systems, 2020, , 1-13.	0.3	0
503	Lining-Up Stabilizers for Pusher and Puller Articulated Vehicles. Advances in Intelligent Systems and Computing, 2020, , 917-927.	0.5	0
504	Bi-level optimal bidding strategy of an aggregator in competition with rival aggregators. IET Smart Grid, 2020, 3, 898-905.	1.5	4
505	Use of optical fibers to investigate the performance of pressure pipe liners spanning across a ring fracture. Tunnelling and Underground Space Technology, 2022, 119, 104229.	3.0	4
506	Efficacy of air heat exchanger based decay heat removal system through passive mode: A numerical study. Materials Today: Proceedings, 2020, 28, 2286-2294.	0.9	2
507	A tutorial on immersive three-dimensional sound technologies. Acoustical Science and Technology, 2020, 41, 16-27.	0.3	1
508	H-infinity adaptive observer enhancements for vehicle chassis dynamics-based navigation sensor fault construction. International Journal of Advanced Robotic Systems, 2020, 17, 172988142090421.	1.3	1

#	ARTICLE	IF	CITATIONS
509	Learning Functional Properties of Rooms in Indoor Space from Point Cloud Data. , 2021, , .		1
510	Diagnosis of Bearing Faults in Electrical Machines Using Long Short-Term Memory (LSTM). Advances in Intelligent Systems and Computing, 2021, , 81-99.	0.5	0
511	Analysis of statistical coefficients and autoregressive parameters over intrinsic mode functions (IMFs) for epileptic seizure detection. Biomedizinische Technik, 2020, 65, 693-704.	0.9	2
512	C&O charging: a hybrid wireless charging method for the mine internet of things. IET Communications, 2020, 14, 3276-3283.	1.5	1
513	Thoughts for Foods: Imaging Technology Opportunities for Monitoring and Measuring Food Quality. , 0, , .		1
514	A study investigating the impact of waste cooking oil and waste engine oil on the performance properties of RAP binders. Road Materials and Pavement Design, 0, , 1-15.	2.0	6
515	Overview of Current Thermal Management of Automotive Power Electronics for Traction Purposes and Future Directions. IEEE Transactions on Transportation Electrification, 2022, 8, 2412-2428.	5.3	26
516	Unlock the secret of air blowing in developing high strength and superhydrophobic membranes for membrane distillation. Desalination, 2022, 527, 115579.	4.0	12
517	Study on the impedance characteristics of a high-capacity pulse tube cryocooler. Energy Reports, 2022, 8, 2210-2218.	2.5	0
518	A geomechanics classification for the rating of railroad subgrade performance. Railway Engineering Science, 2022, 30, 323-359.	2.7	7
520	Thermal stress and temperature distribution of an annular fin with variable temperature-dependent thermal properties and magnetic field using DTM-Pade approximant. Waves in Random and Complex Media, 0, , 1-29.	1.6	17
521	Combined ultrasonic/subcritical water hydrolysis pretreatments for agricultural biomass. Environmental Technology (United Kingdom), 2023, 44, 2969-2982.	1.2	2
522	An advanced computing scheme for the numerical investigations of an infection-based fractional-order nonlinear prey-predator system. PLoS ONE, 2022, 17, e0265064.	1.1	15
523	Cooperative Recording to Increase Storage Efficiency in Networked Home Appliances. IEICE Transactions on Information and Systems, 2022, E105.D, 727-731.	0.4	0
524	An intelligent early warning system of analyzing Twitter data using machine learning on COVID-19 surveillance in the US. Expert Systems With Applications, 2022, 198, 116882.	4.4	16
525	Effect of Noise Covariance Matrices on State of Charge Estimation Using Extended Kalman Filter. IETE Journal of Research, 2023, 69, 8130-8141.	1.8	2
526	Fuzzy mixed integer linear programming model for national level monthly unit commitment under price-based uncertainty: A case study in Thailand. Electric Power Systems Research, 2022, 209, 107963.	2.1	6
528	MONITORING OF THE HARDENING OF CONCRETE/MORTAR USING PLASTIC OPTICAL FIBER SENSORS: FUNDAMENTAL EXPERIMENT AND DATA INTERPRETATION. Journal of Japan Society of Civil Engineers, 2022, 10, 247-259.	0.1	1

#	ARTICLE	IF	CITATIONS
529	Is MIP-OES a suitable alternative to ICP-OES for trace element analysis?. Journal of Analytical Atomic Spectrometry, 2022, 37, 966-984.	1.6	8
530	Computational analysis of metal transfer mode, dynamics, and heat transfer under different pulsating frequencies in pulsed wire-arc additive manufacturing. Journal of Computational Design and Engineering, 2022, 9, 1045-1063.	1.5	3
531	SOA Model and Design Guidelines in Lossless Photonic Subsystem. , 0, , .		0
532	Microstructures, Thermal and Mechanical Properties of Pure Tungstenâ€”A Comparison Between Selective Laser Melting and Hot Rolling. Chinese Journal of Mechanical Engineering (English Edition), 2022, 35, .	1.9	2
533	Reusable device for cooling beverages and liquid foods: A novel approach to replace ice in glass. Journal of Food Process Engineering, 2022, 45, .	1.5	1
534	Characterisation of mechanical properties of 15-5PH stainless steel manufactured through direct energy deposition. CIRP Journal of Manufacturing Science and Technology, 2022, 38, 172-185.	2.3	9
536	Buckling behavior of laminated composite stiffened cylindrical shell panels having cutout for different parametric variations. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622211006.	1.1	1
537	The interplay of IPD and BIM: a systematic literature review. Construction Innovation, 2023, 23, 640-664.	1.5	6
538	Simultaneous swept anhedral helicopter blade tip shape and control-system design. Aircraft Engineering and Aerospace Technology, 2023, 95, 101-112.	0.7	7
539	Easy formation process of anataseâ€”TiO ₂ coating layer strongly bonded to titanium metal surface. International Journal of Applied Ceramic Technology, 0, , .	1.1	1
540	Evaluation of the residual carrying capacity of a large-scale model bridge through frequency shifts. Journal of Civil Structural Health Monitoring, 2022, 12, 931-941.	2.0	2
541	Structural, thermal, and electrochemical studies on PVA-LiFf-TiO ₂ nanocomposite polymer electrolyte and the performance on electric double layer capacitor application. Ionics, 0, , .	1.2	0
542	2D/3D Direct Writing of Thermoplastics through Electrohydrodynamic Printing. Polymer Science - Series A, 0, , .	0.4	0
543	A fault identification method based on an ensemble deep neural network and a correlation coefficient. Soft Computing, 0, , .	2.1	0
545	Raman spectroscopy for rapid fingerprint analysis of meat quality and security: Principles, progress and prospects. Food Research International, 2022, 161, 111805.	2.9	25
546	Dimensionality Reduction Method for Early Detection of Dementia. Lecture Notes in Electrical Engineering, 2022, , 13-21.	0.3	1
547	Performance Analysis of Distributed Power Flow Controller Employing Genetic-Based Fuzzy Logic Controller in Photovoltaic-Wind Hybrid System. Lecture Notes in Electrical Engineering, 2022, , 565-580.	0.3	1
548	The Utilization of Six Sigma DMAIC Methodology in the Improvement of the Quality and Application of Methyl Methacrylate (MMA)-Based Elastomeric Membrane. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
549	Internet of Robotic Things: Issues and Challenges in the Era of Industry 4.0. Lecture Notes in Networks and Systems, 2023, , 89-101.	0.5	1
550	Investigation into vibration-based structural damage identification and amplitude-dependent damping ratio of reinforced concrete bridge deck slab under different loading states. Journal of Civil Structural Health Monitoring, 2023, 13, 133-148.	2.0	3
551	Understanding of Future Water Challenges in a River Basin Under Ensemble of CORDEX Simulated Projections. Disaster Resilience and Green Growth, 2022, , 225-242.	0.2	0
552	A Time-Varying Hierarchical Load Frequency Control Method for Multi-area Power System with Wind Power Participation and HVDC Tie-Line based on MAS Structure. Journal of Electrical Engineering and Technology, 0, , .	1.2	0
553	Improved design of all-optical half-adder and half-subtractor circuits using MIM plasmonic waveguides for optical networks. Optical and Quantum Electronics, 2023, 55, .	1.5	11
554	Maximum Power Point Tracking Algorithms Research in Terms of Uneven Shading of Solar Panels. Lecture Notes in Networks and Systems, 2023, , 1-18.	0.5	0
555	Iterative Adaptive Critic Control Towards an Urban Wastewater Treatment Plant. , 2023, , 197-217.		0
556	Comparison of DEM Generated from UAV Images and ICESat-1 Elevation Datasets with an Assessment of the Cartographic Potential of UAV-Based Sensor Datasets. Lecture Notes in Civil Engineering, 2023, , 1-10.	0.3	0
557	Numerical investigation of the seismic dynamic response characteristics of high-steep layered granite slopes via time-frequency analysis. Environmental Earth Sciences, 2023, 82, .	1.3	3
558	Metal Transfer Behavior in AA6061 Aluminum Alloy Double-Wire Median Pulsed Gas Metal Arc Welding. Journal of Materials Engineering and Performance, 0, , .	1.2	1