Energy-Efficient Optimization Design for the Multi-Col Communication Systems under Illumination Constrain

Applied Sciences (Switzerland)

9, 1

DOI: 10.3390/app9010001

Citation Report

#	Article	IF	CITATIONS
1	Growth mechanism and physical properties of the type-I In0.145Ga0.855As Sb1â^'y/GaSb alloys with low As content for near infrared applications. Journal of Alloys and Compounds, 2019, 808, 151690.	2.8	9
2	Energy Efficiency of Photovoltaic Panels When Using Holographic Gratings as Passive Solar Trackers. Optoelectronics, Instrumentation and Data Processing, 2019, 55, 271-279.	0.2	8
3	Vibration control of offshore jacket platforms through shape memory alloy pounding tuned mass damper (SMA-PTMD). Ocean Engineering, 2019, 191, 106348.	1.9	25
4	Experimental and theoretical performance analysis of the silica gel, LiCl with water, methanol multifunction adsorption system. International Journal of Energy Research, 2019, 43, 8509.	2.2	1
5	Relationship between energy, investment, human capital, environment, and economic growth in four BRICS countries. Environmental Science and Pollution Research, 2019, 26, 34388-34400.	2.7	68
6	Multiuser Transmit Precoding Design for Dimming Compatible Visible Light Communications. Applied Sciences (Switzerland), 2019, 9, 1147.	1.3	O
7	Nematicidal activity of thermostable alkaline protease produced by Saccharomonospora viridis strain Hw G550. Biotechnology Reports (Amsterdam, Netherlands), 2019, 24, e00386.	2.1	28
8	Studies on PV power plant designing to fulfil the energy demand of small community in Poland. E3S Web of Conferences, 2019, 116, 00040.	0.2	3
9	Gold grating assisted SPR based D-shaped single mode fiber for detection of liquid refractive index. Optical and Quantum Electronics, 2019, 51, 1.	1.5	29
10	Critical components of Environmentally Sustainable Buildings Design Practices of office buildings in Ghana. Journal of Building Engineering, 2019, 26, 100925.	1.6	16
11	Evaluation of cytotoxicity, biochemical profile and yield components of groundnut plants treated with nano-selenium. Biotechnology Reports (Amsterdam, Netherlands), 2019, 24, e00377.	2.1	60
12	Peer-to-Peer Energy Trading in Micro/Mini-Grids for Local Energy Communities: A Review and Case Study of Nepal. IEEE Access, 2019, 7, 131911-131928.	2.6	101
13	Combat as an Interpersonal Synergy: An Ecological Dynamics Approach to Combat Sports. Sports Medicine, 2019, 49, 1825-1836.	3.1	40
14	In Situ Synthesis, Characterization, and Catalytic Performance of Polypyrrole Polymer-Incorporated Ag ₂ MoO ₄ Nanocomposite for Detection and Degradation of Environmental Pollutants and Pharmaceutical Drugs. ACS Applied Materials & Degradation of Environmental Pollutants and Pharmaceutical Drugs. ACS Applied Materials & Degradation of Environmental Pollutants and Pharmaceutical Drugs. ACS Applied Materials & Degradation of Environmental Pollutants and Pharmaceutical Drugs.	4.0	71
15	Improvement and Application of Adaptive Hybrid Cuckoo Search Algorithm. IEEE Access, 2019, 7, 145489-145515.	2.6	13
16	Dynamic Mechanical Behaviors of Desert Sand Concrete (DSC) after Different Temperatures. Applied Sciences (Switzerland), 2019, 9, 4151.	1.3	20
17	Modeling of Loess Soaking Induced Impacts on a Metro Tunnel Using a Water Soaking System in Centrifuge. Geofluids, 2019, 2019, 1-17.	0.3	27
18	Power Allocation Optimization Design for the Quadrichromatic LED Based VLC Systems with Illumination Control. Crystals, 2019, 9, 169.	1.0	3

#	ARTICLE	IF	Citations
19	Microstructure and mechanical properties of TiC/AlSi10Mg alloy fabricated by laser additive manufacturing under high-frequency micro-vibration. Journal of Alloys and Compounds, 2019, 794, 236-246.	2.8	59
20	Nanoparticles in Equine Nutrition: Mechanism of Action and Application as Feed Additives. Journal of Equine Veterinary Science, 2019, 78, 29-37.	0.4	34
21	Laser Induced Fluorescence Hyperspectral Imaging (LIF-HSI) for Aflatoxin B1 Detection in Pistachio Kernels. , 2019, , .		0
22	Multi-Layer, Fully Reversible Watermarking Scheme Using Odd-Even Modification of Fourier Magnitude. , 2019, , .		0
23	Pedestrian Presence Detection System Based on Image Processing., 2019,,.		2
24	Control of carbon nanotube cantilever vibrator for nano-antenna applications. Cogent Engineering, 2019, 6, .	1.1	1
25	A reversible image watermarking scheme based on a new modulation mode of DCT coefficients. Journal of Physics: Conference Series, 2019, 1399, 033025.	0.3	1
26	Micro-channeled Single Mode Fiber Plasmonic Sensor with ITO-TiO2 Bilayer. , 2019, , .		0
27	Coplanar Waveguide Antenna with Defected Ground Structure for 5G Millimeter Wave Communications. , 2019, , .		33
28	The influence of emulsion drying on the fatty acid composition, bioactive compounds content and oxidative stability of encapsulated bio-oils. CYTA - Journal of Food, 2019, 17, 949-959.	0.9	9
29	Heuristics-based Responsiveness Evaluation of a Telemedicine Computational Web System. IEEE Latin America Transactions, 2019, 17, 444-452.	1.2	4
30	Application of Unmanned Aerial Vehicle Hangar in Transmission Tower Inspection Considering the Risk Probabilities of Steel Towers. IEEE Access, 2019, 7, 159048-159057.	2.6	26
31	Potentiostatic deposition of poly(3, 4-ethylenedioxythiophene) and manganese oxide on porous functionalised carbon fibers as an advanced electrode for asymmetric supercapacitor. Journal of Power Sources, 2019, 444, 227324.	4.0	31
32	Optimization of steering control to improve the energy consumption of internal combustion engine vehicles. Heliyon, 2019, 5, e03056.	1.4	7
33	2D and 3D nanostructuring strategies for thermoelectric materials. Nanoscale, 2019, 11, 19684-19699.	2.8	54
34	Nanophosphorus Fertilizer Stimulates Growth and Photosynthetic Activity and Improves P Status in Rice. Journal of Nanomaterials, 2019, 2019, 1-11.	1.5	36
35	Line-Drop Error Correction for LAPAN-A2 Microsatellite Imagery. , 2019, , .		2
36	Incorporating Virtual Reality into the Teaching and Training of Grid-Tie Photovoltaic Power Plants Design. Applied Sciences (Switzerland), 2019, 9, 4480.	1.3	19

#	ARTICLE	IF	Citations
37	Plug flow approaching novel reactor employing in-situ dual effect of photocatalysis and photo-Fenton for the degradation of metronidazole. Chemical Engineering Journal, 2020, 382, 122772.	6.6	24
38	Spatial mapping of the provenance of storm dust: Application of data mining and ensemble modelling. Atmospheric Research, 2020, 233, 104716.	1.8	76
39	Distracting users as per their knowledge: Combining linked open data and word embeddings to enhance history learning. Expert Systems With Applications, 2020, 143, 113051.	4.4	4
40	Design of 4-channel AWG Multiplexer/demultiplexer for CWDM system. Optik, 2020, 201, 163513.	1.4	12
41	An assessment of construction waste management in India: A statistical approach. Waste Management and Research, 2020, 38, 444-459.	2.2	31
42	Lightweight, flexible and superhydrophobic composite nanofiber films inspired by nacre for highly electromagnetic interference shielding. Composites Part A: Applied Science and Manufacturing, 2020, 128, 105685.	3 . 8	124
43	Automation and optimization of in-situ assessment of wall thermal transmittance using a Random Forest algorithm. Building and Environment, 2020, 168, 106479.	3.0	18
44	Concentrated solar thermal energy harvesting using Bi2Te3based thermoelectric generator. Materials Science in Semiconductor Processing, 2020, 107, 104782.	1.9	19
45	Mapping the relationship between the structural deformation of a simply supported beam bridge and rail deformation in high-speed railways. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2020, 234, 1081-1092.	1.3	14
46	Research on motion planning for an indoor spray arm based on an improved potential field method. PLoS ONE, 2020, 15, e0226912.	1.1	4
48	Measurements and path loss models for a TD-LTE network at 3.7ÂGHz in rural areas. Wireless Networks, 2020, 26, 2891-2904.	2.0	10
49	A Convolutional Neural Network for Coastal Classification Based on ALOS and NOAA Satellite Data. IEEE Access, 2020, 8, 11824-11839.	2.6	22
50	Evaluation of Stability and Erosion Characteristics of Soil Embankment Slope Reinforced with Different Natural Additives. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 515-524.	1.0	7
51	Characterization of agglomeration of reclaimed asphalt pavement for cold recycling. Construction and Building Materials, 2020, 240, 117912.	3.2	45
52	Autonomous load sharing technique in solar photovoltaic system-based DC microgrid. International Journal of Ambient Energy, 2020, , 1-8.	1.4	0
53	An innovative IoT-oriented prototype platform for the management and valorisation of the organic fraction of municipal solid waste. Journal of Cleaner Production, 2020, 247, 119618.	4.6	33
54	Production of green diesel from catalytic deoxygenation of chicken fat oil over a series binary metal oxide-supported MWCNTs. RSC Advances, 2020, 10, 626-642.	1.7	46
55	Simulation model of loading bin bottom by bulk material. Chemical Engineering Research and Design, 2020, 154, 151-161.	2.7	0

#	Article	IF	CITATIONS
56	Novel use of peatlands as future locations for the sustainable intensification of freshwater aquaculture production $\hat{a} \in A$ case study from the Republic of Ireland. Science of the Total Environment, 2020, 706, 136044.	3.9	22
57	Reliability analysis of subsea blowout preventers with condition-based maintenance using stochastic Petri nets. Journal of Loss Prevention in the Process Industries, 2020, 63, 104026.	1.7	20
58	Effect of CdSeS/ZnS quantum dot concentration on the electro-optical and dielectric properties of polymer stabilized liquid crystal. Journal of Molecular Liquids, 2020, 299, 112182.	2.3	24
59	Daylight integrated indoor VLC architecture: An energyâ€efficient solution. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3800.	2.6	6
60	Biomechanical simulation for cartilage regeneration of knee joint osteoarthritis with composite scaffold using ply angle optimization. Journal of Biomaterials Applications, 2020, 34, 1019-1027.	1.2	1
61	Clinical Study of the Influence of Ambient Light Scanning Conditions on the Accuracy (Trueness and) Tj ETQq1 1	. 0.784314	f rgBT/Overlo
62	Research on Energy-Saving Design of Rural Building Wall in Qinba Mountains Based on Uniform Radiation Field. Mathematical Problems in Engineering, 2020, 2020, 1-16.	0.6	3
63	Sound Externalization: A Review of Recent Research. Trends in Hearing, 2020, 24, 233121652094839.	0.7	40
64	Age induced modifications in the persistency of voluntary sway when actively tracking the complex motion of a visual target. Neuroscience Letters, 2020, 738, 135398.	1.0	2
65	An empirical evaluation of industry 4.0 applications of companies in Turkey: The case of a developing country. Technology in Society, 2020, 63, 101364.	4.8	42
66	Surface Remeshing: A Systematic Literature Review of Methods and Research Directions. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 1680-1713.	2.9	19
67	High data-rates and high-order DP-QAM optical links can be efficiently implemented with concurrent equalization. , 2020, , .		1
68	Evaluation of dielectric strength of SiR/TiO ₂ composites using feedâ€forward neural network. IET Nanodielectrics, 2020, 3, 74-80.	2.0	6
69	Impact of water on peak and residual shear strength parameters and triaxial deformability of high-porosity building calcarenite stones: Interconnection with their physical and petrological characteristics. Construction and Building Materials, 2020, 262, 120789.	3.2	23
70	Ordered porous carbons from hydrothermally treated biomass: Effects of the thermal treatments on the structure and porosity. Vibrational Spectroscopy, 2020, 111, 103175.	1.2	5
71	Experimental studies of ringlock scaffolding joint. Journal of Constructional Steel Research, 2020, 173, 106265.	1.7	12
72	Phenomenal transmutations in quality of soil attributable to stubble burning a case study of Punjab, India. Materials Today: Proceedings, 2020, , .	0.9	1
73	A broadband multiple-input multiple-output loop antenna array for 5G cellular communications. AEU - International Journal of Electronics and Communications, 2020, 127, 153476.	1.7	23

#	ARTICLE	IF	CITATIONS
74	Obtaining new resolutions in carnivore tooth pit morphological analyses: A methodological update for digital taphonomy. PLoS ONE, 2020, 15, e0240328.	1.1	25
75	Carbon-Based Materials (CBMs) for Determination and Remediation of Antimicrobials in Different Substrates: Wastewater and Infant Foods as Examples. , 0, , .		11
76	On the Use of X-ray Computed Tomography in Assessment of 3D-Printed Components. Journal of Nondestructive Evaluation, 2020, 39, 1.	1.1	67
77	Review of energy storage services, applications, limitations, and benefits. Energy Reports, 2020, 6, 288-306.	2.5	327
78	Supramolecular aggregates of cyclodextrins with co-solvent modulate drug dispersion and release behavior of poorly soluble corticosteroid from chitosan membranes. Carbohydrate Polymers, 2020, 248, 116724.	5.1	10
79	The SiPM revolution in time-domain diffuse optics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 978, 164411.	0.7	16
80	Extended Worst-Case OSNR Searching Algorithm for Optical Network-on-Chip Using a Semi-Greedy Heuristic With Adaptive Scan Range. IEEE Access, 2020, 8, 125863-125873.	2.6	3
81	The using of <i>Chlorella pyrenoidosa</i> and <i>Daphnia magna</i> as feed supplements for common carp, <i>Cyprinus carpio</i> : growth performance, somatic indices, and hemato-biochemical biomarkers. Journal of Applied Aquaculture, 2022, 34, 64-78.	0.7	12
82	History and Progress of Fractional-Order Element Passive Emulators: A Review. Radioengineering, 2020, 29, 296-304.	0.3	22
83	Insights into moisture content in coals of different ranks by low field nuclear resonance. Energy Geoscience, 2020, 1, 93-99.	1.3	15
84	Nomophobia: impact of cell phone use and time to rest among teacher students. Heliyon, 2020, 6, e04084.	1.4	15
85	Computational study of magnetic field effects on the nozzle of hydrogen micro flame. Combustion and Flame, 2020, 220, 247-256.	2.8	10
86	Compact Bandstop Microstrip Line Filter Using U-Shaped Slot. IETE Journal of Research, 2022, 68, 4077-4084.	1.8	2
87	Automated pneumatic shuttle for magnetic field cycling and parahydrogen hyperpolarized multidimensional NMR. Journal of Magnetic Resonance, 2020, 312, 106700.	1.2	16
88	An Ion-Sensitive Field-Effect Transistor Biosensor Based on SWCNT and Aligned MWCNTs for Detection of ABTS. IEEE Sensors Journal, 2020, 20, 14590-14597.	2.4	11
89	Industry 4.0 Disruption and Its Neologisms in Major Industrial Sectors: A State of the Art. Journal of Engineering (United States), 2020, 2020, 1-45.	0.5	47
90	First Expert Evaluation of a New Steerable Catheter in an Isolated Beating Heart. Cardiovascular Engineering and Technology, 2020, 11, 769-782.	0.7	3
91	Effective Utilization of Coal Processing Waste: Separation of Low Ash Clean Coal from Washery Rejects by Hydrothermal Treatment. Mineral Processing and Extractive Metallurgy Review, 2022, 43, 165-181.	2.6	12

#	Article	IF	Citations
92	Performance of <scp> <i>Zea mays</i> </scp> L. cultivars in tannery polluted soils: Management of chromium phytotoxicity through the application of biochar and compost. Physiologia Plantarum, 2021, 173, 129-147.	2.6	8
93	A Comparative Survey of Convex Combination of Adaptive Filters. IETE Journal of Research, 2023, 69, 940-950.	1.8	4
94	Recent advances in the pretreatment of lignocellulosic biomass for enhanced biofuel production. International Journal of Global Warming, 2020, 22, 342.	0.2	4
95	Scale law of sCO2 coal fired power plants regarding system performance dependent on power capacities. Energy Conversion and Management, 2020, 226, 113505.	4.4	16
96	A Perspective on Biofuels Use and CCS for GHG Mitigation in the Marine Sector. IScience, 2020, 23, 101758.	1.9	29
97	Robust and Blind Audio Watermarking Algorithm in Dual Domain for Overcoming Synchronization Attacks. Mathematical Problems in Engineering, 2020, 2020, 1-15.	0.6	2
98	La Formaci \tilde{A}^3 n Profesional ante el reto de las TIC: Proyecci \tilde{A}^3 n de la realidad aumentada entre su profesorado y predictores de uso. Revista Complutense De Educacion, 2020, 31, 423-433.	0.3	4
99	Performance Analysis and Optimization of a 6-DOF Robotic Crusher. Journal of Robotics, 2020, 2020, 1-14.	0.6	0
100	A DESIGN OF ANTENNA ARRAY WITH IMPROVED PERFORMANCE FOR FUTURE SMARTPHONES. Progress in Electromagnetics Research C, 2020, 101, 1-12.	0.6	1
101	Precise evaluation method for the stability analysis of multi-scale slopes. Simulation, 2020, 96, 841-848.	1.1	5
102	An Analysis of Pumped Thermal Energy Storage With De-coupled Thermal Stores. Frontiers in Energy Research, 2020, 8, .	1.2	15
103	Temperature Records in Concrete Box-Girder Segment Subjected to Solar Radiation and Air Temperature Changes. IOP Conference Series: Materials Science and Engineering, 2020, 870, 012074.	0.3	13
104	Phytochemical Analysis and Antibacterial Activity of Tannins Extracted from Salix alba L. Against Different Gram-Positive and Gram-Negative Bacterial Strains. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 1303-1314.	0.7	24
105	Measurement method of aircraft barycenter based on multi posture. Sensor Review, 2020, 40, 217-226.	1.0	7
106	Performance analysis of video streaming service migration using container orchestration. IOP Conference Series: Materials Science and Engineering, 2020, 830, 022100.	0.3	0
107	Deep Learning Enabled Intrusion Detection and Prevention System over SDN Networks. , 2020, , .		17
108	Method to assess the adherence of internal logistics equipment to the concept of CPS for industry 4.0. International Journal of Production Economics, 2020, 228, 107845.	5.1	26
109	Digital modeling on the nonlinear mapping between multiâ€source monitoring data of inâ€service bridges. Structural Control and Health Monitoring, 2020, 27, e2618.	1.9	38

#	ARTICLE	IF	CITATIONS
110	Indoor soundscape assessment: A principal components model of acoustic perception in residential buildings. Building and Environment, 2020, 182, 107152.	3.0	72
111	Fresh and Hardened Properties of Self Fiber Compacting Concrete (SFCC) Incorporated with Zeolite and Nylon. IOP Conference Series: Materials Science and Engineering, 2020, 771, 012057.	0.3	1
112	Application of surface-enhanced Raman spectroscopy in fast detection of toxic and harmful substances in food. Biosensors and Bioelectronics, 2020, 167, 112480.	5.3	110
113	Influence of chicken feather on the rheological properties and performance of modified asphalts. Construction and Building Materials, 2020, 264, 120128.	3.2	6
114	Simultaneous extraction of the oil from the kernel and pulp of macauba fruit using a green solvent. Journal of Food Processing and Preservation, 2020, 44, e14855.	0.9	7
115	Ultimate strength of lean duplex stainless steel single-shear bolted connections with four bolts. Thin-Walled Structures, 2020, 155, 106950.	2.7	14
116	The Fe–Ga phase diagram: Revisited. Journal of Alloys and Compounds, 2020, 846, 156486.	2.8	30
117	An Automatic Garbage Classification System Based on Deep Learning. IEEE Access, 2020, 8, 140019-140029.	2.6	51
118	Telemedicine DSS-AI Multi Level Platform for Monoclonal Gammopathy Assistance., 2020,,.		6
119	On the cutting force of micro-textured polycrystalline cubic boron nitride cutting tool for powder metallurgy materials. Advances in Mechanical Engineering, 2020, 12, 168781402093849.	0.8	2
120	Investigation and optimization of light trapping through hexagonal-shaped nanopillar (NP) array of indium gallium arsenide material based photodetector. Optical and Quantum Electronics, 2020, 52, 1 .	1.5	6
121	Snatcher: A Highly Mobile Chameleon-Inspired Shooting and Rapidly Retracting Manipulator. IEEE Robotics and Automation Letters, 2020, 5, 6097-6104.	3.3	12
122	When Blockchain Meets Smart Grid: Secure Energy Trading in Demand Response Management. IEEE Network, 2020, 34, 299-305.	4.9	72
123	Application of Artificial Neural Networks to Heat Transfer Simulations of Thin Film Structures Irradieted by Laser., 2020,,.		1
124	Bi-Level Optimization of the Energy Recovery System from Internal Combustion Engines of a Cruise Ship. Applied Sciences (Switzerland), 2020, 10, 6917.	1.3	9
125	Image-based segmentation and quantification of weak interlayers in rock tunnel face via deep learning. Automation in Construction, 2020, 120, 103371.	4.8	30
126	Alternatives for facilitating automatic transformation of BIM data using semantic query languages. Automation in Construction, 2020, 120, 103384.	4.8	10
127	Implementing polyhydroxyalkanoates production to anaerobic digestion of organic fraction of municipal solid waste to diversify products and increase total energy recovery. Bioresource Technology, 2020, 318, 124270.	4.8	21

#	Article	IF	CITATIONS
128	Green biosynthesis of single and bimetallic nanoparticles of iron and manganese using bacterial auxin complex to act as plant bio-fertilizer. Biocatalysis and Agricultural Biotechnology, 2020, 30, 101822.	1.5	62
129	Development of a fixable model for the reliability and safety evaluation of the components of a commercial lithium-ion battery. Journal of Energy Storage, 2020, 32, 101819.	3.9	11
130	Subsidence risk assessment based on a novel hybrid form of a tree-based machine learning algorithm and an index model of vulnerability. Geocarto International, 2022, 37, 2842-2870.	1.7	5
131	Latent Institutional Environment Factors Influencing Construction Digitalization in South Africa. International Journal of Construction Education and Research, 2022, 18, 142-158.	1.1	7
132	Comprehensive NILM Framework: Device Type Classification and Device Activity Status Monitoring Using Capsule Network. IEEE Access, 2020, 8, 179995-180009.	2.6	10
133	Lightweight design and static analysis of lattice compressor impeller. Scientific Reports, 2020, 10, 18394.	1.6	6
134	Benchmarking a Commercial (Sub-)THz Focal Plane Array Against a Custom-Built Millimeter-Wave Single-Pixel Camera. IEEE Access, 2020, 8, 191174-191190.	2.6	8
135	Low Loss Substrate-Integrated Waveguide Using 3D-Printed Non-Uniform Honeycomb-Shaped Material. IEEE Access, 2020, 8, 191090-191099.	2.6	6
136	Review of Recent Progress on Silicon Nitride-Based Photonic Integrated Circuits. IEEE Access, 2020, 8, 195436-195446.	2.6	39
137	Power Management Strategy Based on Adaptive Neuro Fuzzy Inference System for AC Microgrid. IEEE Access, 2020, 8, 192087-192100.	2.6	20
138	Techno-economic analysis of bio-briquette from cashew nut shell waste. Heliyon, 2020, 6, e05009.	1.4	47
139	Aquaponic and Hydroponic Solutions Modulate NaCl-Induced Stress in Drug-Type Cannabis sativa L Frontiers in Plant Science, 2020, 11, 1169.	1.7	29
140	Trajectory tracking algorithm in a hierarchical strategy for electric vehicle driven by four independent in-wheel motors. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2020, 43, 807-818.	0.6	8
141	Structural Optimization of Ship Lock Heads during Construction Period considering Concrete Creep. Mathematical Problems in Engineering, 2020, 2020, 1-17.	0.6	2
142	Research on Optimization of Electric Vehicle Routing Problem With Time Window. IEEE Access, 2020, 8, 146707-146718.	2.6	12
143	Natural radionuclide and toxic metal contents of rock salts from mines in Central Anatolia of Turkey. International Journal of Environmental Analytical Chemistry, 2022, 102, 6555-6564.	1.8	2
144	An Accurate Empirical Path Loss Model for Heterogeneous Fixed Wireless Networks Below 5.8 GHz Frequencies. IEEE Access, 2020, 8, 182755-182775.	2.6	13
145	A DESIGN OF CROSSED EXPONENTIALLY TAPERED SLOT ANTENNA WITH MULTI-RESONANCE FUNCTION FOR 3G/4G/5G APPLICATIONS. Progress in Electromagnetics Research Letters, 2020, 92, 1-8.	0.4	1

#	Article	IF	CITATIONS
146	Semantic Integration of Sensor Knowledge on Artificial Internet of Things. Wireless Communications and Mobile Computing, 2020, 2020, 1-8.	0.8	9
147	Bismuth as Smart Material and Its Application in the Ninth Principle of Sustainable Chemistry. Journal of Chemistry, 2020, 2020, 1-15.	0.9	13
148	Optimal cluster head selection using modified rider assisted clustering for IoT. IET Communications, 2020, 14, 2189-2201.	1.5	11
149	A novel interactive assembly teaching aid using multi-template augmented reality. Multimedia Tools and Applications, 2020, 79, 31981-32009.	2.6	14
150	New Function for Estimating Imbalanced Data Classification Results. Pattern Recognition and Image Analysis, 2020, 30, 295-302.	0.6	2
151	Effect of Polymer Network Topology on the Electroâ€Optical Performance of Polymer Stabilized Liquid Crystal (PSLC) Devices. Macromolecular Chemistry and Physics, 2020, 221, 2000185.	1.1	23
152	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
153	Developing an Extremist Construct Schema and Measuring Ideological Engagement. Studies in Conflict and Terrorism, 2020, , 1-26.	0.8	2
154	An analytical approach to reconstruction of axisymmetric defects in pipelines using T(0, 1) guided waves. Applied Mathematics and Mechanics (English Edition), 2020, 41, 1479-1492.	1.9	10
155	DIELECTRIC-INSENSITIVE PHASED ARRAY WITH IMPROVED CHARACTERISTICS FOR 5G MOBILE HANDSETS. Progress in Electromagnetics Research M, 2020, 94, 209-219.	0.5	2
156	Long Short-Term Memory in Intelligent Buildings. , 2020, , .		0
157	A fairly simple mechatronic device for training human wrist motion. International Journal of Advanced Robotic Systems, 2020, 17, 172988142097428.	1.3	2
158	Flower pollination-based optimal design of reinforced concrete beams with externally bonded of FRPS. Advanced Composites Letters, 2020, 29, 2633366X2096249.	1.3	1
159	Photocatalytic degradation of methylene blue over MgO/ \hat{l} ±-Fe2O3 nano composite prepared by a hydrothermal method. AIP Conference Proceedings, 2020, , .	0.3	13
160	Skills, competencies and literacies attributed to 4IR/Industry 4.0: Scoping review. IFLA Journal, 2020, 46, 369-399.	0.6	46
161	Electrochemical Impedance Spectroscopy (EIS) in Food, Water, and Drug Analyses: Recent Advances and Applications., 0,,.		3
162	Smart Use Case Picking with DUCAR: A Hands-On Approach for a Successful Integration of Machine Learning in Production Processes. Procedia Manufacturing, 2020, 51, 1311-1318.	1.9	2
163	Acoustical Performance of Palm Oil Clinker Sand Sound Absorber. IOP Conference Series: Materials Science and Engineering, 2020, 884, 012034.	0.3	2

#	ARTICLE	IF	CITATIONS
164	Liquid and Solid Self-Emulsifying Drug Delivery Systems (SEDDs) as Carriers for the Oral Delivery of Azithromycin: Optimization, In Vitro Characterization and Stability Assessment. Pharmaceutics, 2020, 12, 1052.	2.0	26
165	Smart System for Recognizing Daily Human Activities Based on Wrist IMU Sensors. , 2020, , .		2
166	Prediction of Flight Time Deviation for Lithuanian Airports Using Supervised Machine Learning Model. Computational Intelligence and Neuroscience, 2020, 2020, 1-10.	1.1	13
167	A Simulation of Prism-based Surface Plasmon Resonance Liquid Sensing Device. , 2020, , .		1
168	Study on fire smoke flow characteristics in the ventilation network and linkage control system in coal mines. Fire and Materials, 2020, 44, 989-1003.	0.9	7
169	Finite element simulation of bioconvection and cattaneo-Christov effects on micropolar based nanofluid flow over a vertically stretching sheet. Chinese Journal of Physics, 2020, 68, 654-670.	2.0	49
170	Adsorption of arsenic trihydride (<mml:math (001):="" (pdo)="")="" 0="" 2020,="" 25,="" ab="" computational="" condensed="" e00515.<="" etqq0="" initio="" matter,="" on="" oxide="" palladium="" study.="" surface="" td="" tj="" xmlns:mml="http://www.w3.org/1998/Math/MathML"><td>0.9 o.9</td><td>verlock 10 Tf 5 1</td></mml:math>	0.9 o.9	verlock 10 Tf 5 1
171	Asynchronous early output majority voter and a relative-timed asynchronous TMR implementation. Microelectronics Reliability, 2020, 114, 113781.	0.9	2
172	Effects of Cardiovascular Health Factors and Personal Listening Behaviors on Hearing Sensitivity in College-Aged students. Annals of Otology, Rhinology and Laryngology, 2020, 129, 755-766.	0.6	3
173	Orthogonally dualâ€polarised MIMO antenna array with pattern diversity for use in 5G smartphones. IET Microwaves, Antennas and Propagation, 2020, 14, 457-467.	0.7	34
174	Single and Mixed Feedstocks Biorefining: Comparison of Primary Metabolites Recovery and Lignin Recombination During an Alkaline Process. Frontiers in Chemistry, 2020, 8, 479.	1.8	7
175	Construction of BIM collaborative management platform for the owner in China. IOP Conference Series: Earth and Environmental Science, 2020, 446, 022030.	0.2	O
176	Mechanism of thiol-induced color change of tungsten oxide nanoparticles. Chemical Physics Letters, 2020, 752, 137568.	1.2	4
177	Subsea blowout preventer (BOP): Design, reliability, testing, deployment, and operation and maintenance challenges. Journal of Loss Prevention in the Process Industries, 2020, 66, 104170.	1.7	23
178	Development of Rail-Condition Assessment Model Using Ultrasonic Technique. Journal of Transportation Engineering Part A: Systems, 2020, 146, .	0.8	6
179	Environmental sound classification using a regularized deep convolutional neural network with data augmentation. Applied Acoustics, 2020, 167, 107389.	1.7	93
180	Machine-learning algorithms for predicting land susceptibility to dust emissions: The case of the Jazmurian Basin, Iran. Atmospheric Pollution Research, 2020, 11, 1303-1315.	1.8	64
181	Insights into endocrine-disrupting Bisphenol-A adsorption from pharmaceutical effluent by chitosan immobilized nanoscale zero-valent iron nanoparticles. Journal of Molecular Liquids, 2020, 311, 113317.	2.3	63

#	Article	IF	CITATIONS
182	Comparison of aerobic processes for olive mill wastewater treatment. Water Science and Technology, 2020, 81, 1914-1926.	1.2	9
183	Determining the wetting capacity of the chitosan coatings from Ucides cordatus and evaluating the shelf-life quality of Scomberomorus brasiliensis fillets. Food Control, 2020, 116, 107329.	2.8	12
184	Bok choy (Brassica rapa) grown in copper oxide nanoparticles-amended soils exhibits toxicity in a phenotype-dependent manner: Translocation, biodistribution and nutritional disturbance. Journal of Hazardous Materials, 2020, 398, 122978.	6.5	45
185	Clinical Study of the Influence of Ambient Lighting Conditions on the Mesh Quality of an Intraoral Scanner. Journal of Prosthodontics, 2020, 29, 651-655.	1.7	17
186	Investigation on the microstructural characteristics and quasi-static puncture resistance of both domesticated and wild silkworm cocoons. Textile Reseach Journal, 2020, 90, 2714-2726.	1.1	2
187	Sewage Sludge Hydrochar: An Option for Removal of Methylene Blue from Wastewater. Applied Sciences (Switzerland), 2020, 10, 3445.	1.3	66
188	Machine Vision System for Autonomous Agricultural Vehicle., 2020,,.		2
189	High-Performance Pure Sine Wave Inverter with Robust Intelligent Sliding Mode Maximum Power Point Tracking for Photovoltaic Applications. Micromachines, 2020, 11, 585.	1.4	5
190	Review on remote sensing methods for landslide detection using machine and deep learning. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3998.	2.6	113
191	A new fuzzy unit selection cost function optimized by relaxed gradient descent algorithm. Expert Systems With Applications, 2020, 159, 113552.	4.4	7
192	\$\$ell _1\$\$-Norm Iterative Wiener Filter for Sparse Channel Estimation. Circuits, Systems, and Signal Processing, 2020, 39, 6386-6393.	1.2	1
193	Architecture and System Design for Marine Cloud Computing Assets. Computer Journal, 2020, 63, 927-941.	1.5	9
194	PWMâ€based dimmable hybrid optical OFDM for visibleâ€light communications. IET Communications, 2020, 14, 930-936.	1.5	5
195	Sustainable and Dynamic Competitiveness towards Technological Leadership of Industry 4.0: Implications for East African Community. Journal of Engineering (United States), 2020, 2020, 1-22.	0.5	17
196	Classification of Heart Sounds Using Convolutional Neural Network. Applied Sciences (Switzerland), 2020, 10, 3956.	1.3	56
197	Investigation on catalytic hydrodeoxygenation of eugenol blend with light fraction in bio-oil over Ni-based catalysts. Renewable Energy, 2020, 157, 456-465.	4.3	25
198	Simulation studies on polarization modulated vertical cavity surface emitting laser for combined fiber and free space optical links. Optik, 2020, 219, 165018.	1.4	7
199	Characterization of mechanical properties and microstructures of spark plasma sintered and cryo-rolled AA2024â^'Y composites. Transactions of Nonferrous Metals Society of China, 2020, 30, 1439-1451.	1.7	8

#	Article	IF	CITATIONS
200	An Efficient Algorithm for Power Prediction in PV Generation System. International Journal of Renewable Energy Development, 2020, 9, 207-216.	1.2	4
201	Experimental Study of Flexural Behavior of Reinforced Concrete Beam Strengthened with Prestressed Textile-Reinforced Mortar. Materials, 2020, 13, 1137.	1.3	11
202	Carbon-based nanocomposites for EMI shielding: Recent advances. , 2020, , 201-211.		7
203	Monolithically-integrated cytometer for measuring particle diameter in the extracellular vesicle size range using multi-angle scattering. Lab on A Chip, 2020, 20, 1267-1280.	3.1	2
204	Long-term behavior of recycled aggregate concrete. , 2020, , 301-320.		0
205	Feasibility study of nanocrystalline cellulose as adsorbent of steryl glucosides from palm-based biodiesel. Renewable Energy, 2020, 154, 99-106.	4.3	7
206	Control of the Length of Fe _{73.5} 8 ₉ Microwires to Be Used for Magnetic and Microwave Absorbing Purposes. ACS Applied Materials & Samp; Interfaces, 2020, 12, 15644-15656.	4.0	23
207	Application of RSSD-OCYCBD Strategy in Enhanced Fault Detection of Rolling Bearing. Complexity, 2020, 2020, 1-24.	0.9	5
208	Prediction of Mechanical Properties of Fe 415 Steel in Hot Rolling Process Using Artificial Neural Network. Transactions of the Indian Institute of Metals, 2020, 73, 1535-1542.	0.7	5
210	Automatic Sleep Disorders Classification Using Ensemble of Bagged Tree Based on Sleep Quality Features. Electronics (Switzerland), 2020, 9, 512.	1.8	35
211	Numerical Simulation of the Aeroelastic Response of Wind Turbines in Typhoons Based on the Mesoscale WRF Model. Sustainability, 2020, 12, 34.	1.6	1
212	Design of artificial magnetic conductor metasurfaces using generalized boundary conditions. Journal of Electromagnetic Waves and Applications, 2020, 34, 1502-1512.	1.0	3
213	Verification of the UR5 robot's properties after a crash caused by a fall of a transferred load from a crane. International Journal of Advanced Robotic Systems, 2020, 17, 172988142090420.	1.3	7
214	Enhancement of Methane Production from Vegetable, Fruit and Flower Market Wastes Using Extrusion as Pretreatment and Kinetic Modeling. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	19
215	Effect of numerical aperture on molten area characteristics in micro-joining of glass by picosecond pulsed laser. Welding in the World, Le Soudage Dans Le Monde, 2020, 64, 937-947.	1.3	3
216	The Wind Loading Characteristics of MAN Type Dry Gas Storage Tank. Advances in Civil Engineering, 2020, 2020, 1-18.	0.4	0
217	Deep Neural Network for Predicting Ore Production by Truck-Haulage Systems in Open-Pit Mines. Applied Sciences (Switzerland), 2020, 10, 1657.	1.3	26
218	Cellular-D2D Resource Allocation Algorithm Based on User Fairness. Electronics (Switzerland), 2020, 9, 386.	1.8	10

#	Article	IF	Citations
219	Optimization analysis of heavy metal pollutants removal from fine-grained soil by freeze-thaw and washing technology. Cold Regions Science and Technology, 2020, 173, 103025.	1.6	15
220	Bio-electrochemically hydrogen and methane production from co-digestion of wastes. Energy, 2020, 198, 117259.	4.5	20
221	Effect of amine types and temperature of a natural rubber based composite material on the carbon dioxide capture. Chemical Engineering Journal, 2020, 402, 125332.	6.6	5
222	Combination of Convolutional and Generative Adversarial Networks for Defect Image Demoiréing of Thin-Film Transistor Liquid-Crystal Display Image. IEEE Transactions on Semiconductor Manufacturing, 2020, 33, 413-423.	1.4	8
223	THS-IDPC: A three-stage hierarchical sampling method based on improved density peaks clustering algorithm for encrypted malicious traffic detection. Journal of Supercomputing, 2020, 76, 7489-7518.	2.4	15
224	Development, characterization and in vitro antioxidant activity of chitosan-coated alginate microcapsules entrapping Viola odorata Linn. extract. International Journal of Biological Macromolecules, 2020, 163, 44-54.	3.6	43
225	Analysis of Image Preprocessing Effects in a Landsat Image Simulation. KSCE Journal of Civil Engineering, 2020, 24, 2186-2192.	0.9	1
226	A CLOSELY SPACED DUAL-BAND MIMO PATCH ANTENNA WITH REDUCED MUTUAL COUPLING FOR 4G/5G APPLICATIONS. Progress in Electromagnetics Research C, 2020, 101, 71-80.	0.6	23
227	Computational study of the effect of structural compliance on the noise radiated from an elastic trailing-edge. Journal of Sound and Vibration, 2020, 485, 115533.	2.1	7
228	A Smart Parking Solution Architecture Based on LoRaWAN and Kubernetes. Applied Sciences (Switzerland), 2020, 10, 4674.	1.3	14
229	Review on non-isolated multi-input step-up converters for grid-independent hybrid electric vehicles. International Journal of Hydrogen Energy, 2020, 45, 21687-21713.	3.8	37
230	Wavelet based machine learning approach for spectral seismic signal analysis: A case study North Tapanuli earthquake. AIP Conference Proceedings, 2020, , .	0.3	2
231	A Framework for Recognition and Prediction of Human Motions in Human-Robot Collaboration Using Probabilistic Motion Models. IEEE Robotics and Automation Letters, 2020, 5, 5151-5158.	3.3	21
232	From hazard analysis to risk control using rapid methods in microbiology: A practical approach for the food industry. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 1877-1907.	5.9	26
233	Development of double cyclonic mesoscale eddies at around Xisha islands observed by aâ€~Sea-Whale 2000' autonomous underwater vehicle. Applied Ocean Research, 2020, 101, 102270.	1.8	16
234	Investigation of fumed silica as a platinum support for methanol oxidation reaction. International Journal of Hydrogen Energy, 2020, 45, 21881-21891.	3.8	7
235	Electrospun conductive gold covered polycaprolactone fibers as electrochemical sensors for O2 monitoring in cell culture media. Electrochemistry Communications, 2020, 111, 106662.	2.3	10
236	Polyphenolic extracts from Wushan tea leaves attenuate hepatic injury in CCl4-treated mice. Journal of Functional Foods, 2020, 66, 103826.	1.6	3

#	Article	IF	CITATIONS
237	Application of the dual-isotope approach and Bayesian isotope mixing model to identify nitrate in groundwater of a multiple land-use area in Chengdu Plain, China. Science of the Total Environment, 2020, 717, 137134.	3.9	83
238	Effect of polyelectrolyte structure on formation of supported lipid bilayers on polyelectrolyte multilayers prepared using the layer-by-layer method. Journal of Colloid and Interface Science, 2020, 569, 211-218.	5.0	3
239	A Novel Multi-Criteria Decision-Making Model for Building Material Supplier Selection Based on Entropy-AHP Weighted TOPSIS. Entropy, 2020, 22, 259.	1.1	144
240	Prediction of residual stress in the process of turning high strength alloy steel by innovative coated carbide microgroove tools. International Journal of Advanced Manufacturing Technology, 2020, 106, 4693-4705.	1.5	5
241	Comparative analysis of edge detection methods on beaker glass. Journal of Physics: Conference Series, 2020, 1446, 012054.	0.3	1
242	Enrichment of sunflower oil with $\hat{l}^2 \hat{a} \in \hat{c}$ arotene from carrots: Maximization and thermodynamic parameters of the $\hat{l}^2 \hat{a} \in \hat{c}$ arotene extraction and oil characterization. Journal of Food Processing and Preservation, 2020, 44, e14399.	0.9	8
243	Deep learning based automated analysis of archaeoâ€geophysical images. Archaeological Prospection, 2020, 27, 107-118.	1.1	18
244	Non-quarter-wave dielectric mirror prepared by thermal atomic layer deposition. Optics and Laser Technology, 2020, 127, 106143.	2.2	1
245	Performance analysis of 160ÂGbit/s single-channel PDM-QPSK based inter-satellite optical wireless communication (IsOWC) system. Wireless Networks, 2020, 26, 3579-3590.	2.0	23
246	Fake online reviews: Literature review, synthesis, and directions for future research. Decision Support Systems, 2020, 132, 113280.	3.5	173
247	Comprehensive electrocardiographic diagnosis based on deep learning. Artificial Intelligence in Medicine, 2020, 103, 101789.	3.8	137
248	The Use of Artificial Neural Networks for Forecasting of Air Temperature inside a Heated Foil Tunnel. Sensors, 2020, 20, 652.	2.1	31
249	Design of Wideband Beamforming Metasurface With Alternate Absorption. IEEE Access, 2020, 8, 21393-21400.	2.6	8
250	Comment on "Design and Characterization of an Ultrabroadband Metamaterial Microwave Absorber― IEEE Photonics Journal, 2020, 12, 1-4.	1.0	8
251	Cd (II) and Ni (II) uptake by novel biosorbent prepared from oil palm residual biomass and Al2O3 nanoparticles. Sustainable Chemistry and Pharmacy, 2020, 15, 100216.	1.6	31
252	Model of n-type quadruple l´-doped GaAs quantum wells. European Physical Journal B, 2020, 93, 1.	0.6	1
253	Cognitive radio paradigm and recent trends of antenna systems in the UWB 3.1–10.6ÂGHz. Wireless Networks, 2020, 26, 3257-3274.	2.0	12
254	Quality parameters of radish seed oil obtained using compressed propane as solvent. Journal of Supercritical Fluids, 2020, 159, 104751.	1.6	17

#	ARTICLE	IF	CITATIONS
255	The effect of smart mirror environment on proprioception factors of children with Down syndrome. Research on Biomedical Engineering, 2020, 36, 187-195.	1.5	4
256	Microstructure and tensile fracture behavior of three-stage heat treated inconel 718 alloy produced via laser powder bed fusion process. Journal of Materials Research and Technology, 2020, 9, 3357-3367.	2.6	49
257	Video Flame and Smoke Based Fire Detection Algorithms: A Literature Review. Fire Technology, 2020, 56, 1943-1980.	1.5	118
259	A Dynamic Adjustment Model of Cruising Taxicab Fleet Size Combined the Operating and Flied Survey Data. Sustainability, 2020, 12, 2776.	1.6	6
260	Efficiency of three advanced data-driven models for predicting axial compression capacity of CFDST columns. Thin-Walled Structures, 2020, 152, 106744.	2.7	51
261	Watermarking techniques for medical data authentication: a survey. Multimedia Tools and Applications, 2021, 80, 30165-30197.	2.6	76
262	Investigation of alkaline hydrogen peroxide pretreatment to enhance enzymatic hydrolysis and phenolic compounds of oil palm trunk. 3 Biotech, 2020, 10, 179.	1.1	20
263	Reliability analysis and partial safety factors approach for rockfall protection structures. Engineering Structures, 2020, 213, 110553.	2.6	15
264	Lignin as a potential source of high-added value compounds: A review. Journal of Cleaner Production, 2020, 263, 121499.	4.6	159
265	Internet Addiction in the Web of Science Database: A Review of the Literature with Scientific Mapping. International Journal of Environmental Research and Public Health, 2020, 17, 2753.	1.2	42
266	Cavity influence on fatigue performance of heavy haul railway Tunnel's bottom structure. Construction and Building Materials, 2020, 251, 118886.	3.2	12
267	Towards an Optimal Residential Home Energy Management in Presence of PV Generation, Energy Storage and Home to Grid Energy Exchange Framework. , 2020, , .		15
268	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
269	Equine-assisted therapeutic activities and their influence on the heart rate variability: A systematic review. Complementary Therapies in Clinical Practice, 2020, 39, 101167.	0.7	7
270	Optimal Scheduling for Campus Prosumer Microgrid Considering Price Based Demand Response. IEEE Access, 2020, 8, 71378-71394.	2.6	58
271	Lateral robust iterative learning control for unmanned driving robot vehicle. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2020, 234, 792-808.	0.7	3
272	Influence of carbon support properties in the hydrodeoxygenation of vanillin as lignin model compound. Catalysis Today, 2021, 367, 220-227.	2.2	25
273	Personalised healthcare model for monitoring and prediction of airpollution: machine learning approach. Journal of Experimental and Theoretical Artificial Intelligence, 2021, 33, 425-449.	1.8	5

#	Article	IF	CITATIONS
274	Comparison of conventional, photogrammetry, and intraoral scanning accuracy of complete-arch implant impression procedures evaluated with a coordinate measuring machine. Journal of Prosthetic Dentistry, 2021, 125, 470-478.	1.1	66
275	Ultrasonic and thermographic studies for CFRP inspections with real and simulated defects. Materials Today: Proceedings, 2021, 34, 224-234.	0.9	16
276	Lowâ \in field benchtop NMR spectroscopy: status and prospects in natural product analysis < sup >â \in < /sup > . Phytochemical Analysis, 2021, 32, 24-37.	1.2	63
277	Effects of nano-enabled agricultural strategies on food quality: Current knowledge and future research needs. Journal of Hazardous Materials, 2021, 401, 123385.	6.5	58
278	Particle swarm optimizationâ€based liver disorder ultrasound image classification using multiâ€level and multiâ€domain features. International Journal of Imaging Systems and Technology, 2021, 31, 1366-1385.	2.7	7
279	Assessment of the bacterial diversity of agave sap concentrate, resistance to in vitro gastrointestinal conditions and short-chain fatty acids production. Food Research International, 2021, 140, 109862.	2.9	3
280	Digital business strategizing: the role of leadership and organizational learning. Competitiveness Review, 2021, 31, 145-161.	1.8	16
281	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
282	A Cascade Broad Neural Network for Concrete Structural Crack Damage Automated Classification. IEEE Transactions on Industrial Informatics, 2021, 17, 2737-2742.	7.2	16
283	Electronically Tunable Mixed Mode Quadrature Oscillator Using DX-MOCCII. Journal of Circuits, Systems and Computers, 2021, 30, 2150006.	1.0	6
284	Characterization of rice husk ash obtained from an industrial source. Journal of Sustainable Cement-Based Materials, 2021, 10, 193-212.	1.7	7
285	Global Fixed-Time Output Feedback Stabilization of Perturbed Planar Nonlinear Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 707-711.	2.2	13
286	Synthesis and Characterization of Superabsorbent Celluloseâ€Based Hydrogel for Agriculture Application. Starch/Staerke, 2021, 73, .	1.1	46
287	Biocompatible PCL-nanofibers scaffold with immobilized fibronectin and laminin for neuronal tissue regeneration. Materials Science and Engineering C, 2021, 119, 111550.	3.8	32
288	Towards environmental sustainability in the local community: Future insights for managing the hazardous pollutants at construction sites. Journal of Hazardous Materials, 2021, 403, 123804.	6.5	15
289	An attempt to chemically state the cross-talk between monomers of COX homodimers by double/hybrid inhibitors mofezolac-spacer-mofezolac and mofezolac-spacer-arachidonic acid. European Journal of Medicinal Chemistry, 2021, 209, 112919.	2.6	9
290	Deep autoencoder for false positive reduction in handgun detection. Neural Computing and Applications, 2021, 33, 5885-5895.	3.2	12
291	Nonlinear flexural analysis of composite beam with Inverted-T steel girder and UHPC slab considering partial interaction. Journal of Building Engineering, 2021, 34, 101887.	1.6	2

#	Article	IF	CITATIONS
292	Synthesis and characterization of magnetite-maghemite nanoparticles in presence of polyethylene glycol obtained by mechanical milling. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114873.	1.7	12
293	Optimization of waste heat recovery in internal combustion engine using a dual-loop organic Rankine cycle: Thermo-economic and environmental footprint analysis. Applied Thermal Engineering, 2021, 182, 116109.	3.0	44
294	Entropy-Based Automated Method for Detection and Assessment of Spalling Severities in Reinforced Concrete Bridges. Journal of Performance of Constructed Facilities, 2021, 35, .	1.0	11
295	Meso-porous activated carbon from lignite waste and its application in methylene Blue adsorption and coke plant effluent treatment. Journal of Environmental Chemical Engineering, 2021, 9, 104784.	3.3	23
296	Influence of light on biomass and lipid production in microalgae cultivation. Aquaculture Research, 2021, 52, 1337-1347.	0.9	20
297	Hybrid Elman Neural Network and an Invasive Weed Optimization Method for Bridge Defect Recognition. Transportation Research Record, 2021, 2675, 167-199.	1.0	16
298	A Fuzzy C-Means Clustering Algorithm Based on Spatial Context Model for Image Segmentation. International Journal of Fuzzy Systems, 2021, 23, 816-832.	2.3	24
299	An affective learning-based system for diagnosis and personalized management of diabetes mellitus. Future Generation Computer Systems, 2021, 117, 273-290.	4.9	13
300	Chitosan nanocomposites for water treatment by fixed-bed continuous flow column adsorption: A review. Carbohydrate Polymers, 2021, 255, 117398.	5.1	56
301	Elastic guided waves in helical multi-wire armors. Ultrasonics, 2021, 110, 106294.	2.1	5
302	Influence of Plastic Waste on Chemical and Mechanical Properties of Modified Bitumen Used in the Bituminous Mix for Flexible Pavement. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	10
303	A study investigating the influence of nano Al2O3 on the performance of SBS modified asphalt binder. Construction and Building Materials, 2021, 271, 121499.	3.2	41
304	Gold(III) recovery from aqueous solutions by raw and modified chitosan: A review. Carbohydrate Polymers, 2021, 256, 117423.	5.1	30
305	Application of Artificial Intelligence-based predictive methods in Ionic liquid studies: A review. Fluid Phase Equilibria, 2021, 531, 112898.	1.4	49
306	Using Wi-Fi Signals from Mobile Devices to Determine Characteristics of Pedestrian Behavior in Public Spaces. Transportation Research Record, 2021, 2675, 187-197.	1.0	0
307	Deep belief network based intrusion detection techniques: A survey. Expert Systems With Applications, 2021, 167, 114170.	4.4	63
308	Applications of Blockchain in Healthcare. Studies in Big Data, 2021, , .	0.8	18
309	Effect of surface treatment of fibers on the accelerated aging of biocomposites. Construction and Building Materials, 2021, 271, 121875.	3.2	5

#	ARTICLE	IF	CITATIONS
310	Validation of hysteretic behavior and prediction of energy dissipation potential of aluminium shear yielding devices. International Journal of Mechanical Sciences, 2021, 194, 106204.	3.6	6
311	Process loss prevention of petrochemical process: A case study of the flashing accident of the storage tank on acrylonitrile-butadiene-styrene powder in Taiwan. Journal of Loss Prevention in the Process Industries, 2021, 69, 104371.	1.7	3
312	100th Anniversary of Macromolecular Science Viewpoint: Polymeric Materials by <i>In Situ</i> Liquid-Phase Transmission Electron Microscopy. ACS Macro Letters, 2021, 10, 14-38.	2.3	25
313	Modeling and mitigation of spectral crosstalk in OFDM WDM-VLC system. Optics Communications, 2021, 478, 126361.	1.0	1
314	Hiding sensitive information in eHealth datasets. Future Generation Computer Systems, 2021, 117, 169-180.	4.9	24
315	Investigation of the performance of asphalt binder modified by sargassum. Construction and Building Materials, 2021, 271, 121876.	3.2	11
316	A developed energy-dependent model for studying thermal shock damage and phase transition of composite reinforced panel subjected to lightning strike. European Journal of Mechanics, A/Solids, 2021, 85, 104141.	2.1	5
317	Performance evaluation on multi-scenario urban ventilation corridors based on least cost path. Journal of Urban Management, 2021, 10, 3-15.	2.3	15
318	Anomaly identification with few labeled data in the distillation process based on semisupervised ladder networks. Process Safety Progress, 2021, 40, e12206.	0.4	2
319	Linear discriminant analysis in red sorghum using artificial intelligence. Nucleus (India), 2021, 64, 103-113.	0.9	2
320	Reducing response delay in multivariate process monitoring by a stacked long-short term memory network and real-time contrasts. Computers and Industrial Engineering, 2021, 153, 107052.	3.4	3
321	Enhanced photocatalytic activities of NiS decorated reduced graphene oxide for hydrogen production and toxic dye degradation under visible light irradiation. International Journal of Hydrogen Energy, 2021, 46, 6532-6546.	3.8	24
322	Design and experimental evaluation of an automated catheter operating system. Artificial Organs, 2021, 45, E171-E186.	1.0	9
323	Variation of internal structure and performance of polyethylene―and <scp>polypropyleneâ€modified</scp> bitumen during blending process. Journal of Applied Polymer Science, 2021, 138, 50142.	1.3	15
324	Knowledge representation and reasoning with industrial application using interval-valued intuitionistic fuzzy Petri nets and extended TOPSIS. International Journal of Machine Learning and Cybernetics, 2021, 12, 987-1013.	2.3	17
325	The legacy and drivers of groundwater nutrients and pesticides in an agriculturally impacted Quaternary aquifer system. Science of the Total Environment, 2021, 753, 142010.	3.9	5
326	Preparation and properties of children food after weaning using camels' milk and guadar cereal nanoparticles. Journal of Food Processing and Preservation, 2021, 45, .	0.9	4
327	Analysis of Different Illuminance of the Room Lighting Condition on the Accuracy (Trueness and) Tj ETQq1 1 0.78	34314 rgB	「∥Qverlock

#	Article	IF	Citations
328	Spray solution pH and soybean injury as influenced by synthetic auxin formulation and spray additives. Weed Technology, 2021, 35, 113-127.	0.4	15
329	Fe-Rich Aragonite Concretion Applied to Industrial Dye Purification Using Fenton and Photo-Fenton Technologies. Waste and Biomass Valorization, 2021, 12, 3303-3313.	1.8	2
330	Optimization of postblast ore boundary determination using a novel sine cosine algorithm-based random forest technique and Monte Carlo simulation. Engineering Optimization, 2021, 53, 1467-1482.	1.5	21
331	Design and development of a reinforced tubular electrospun construct for the repair of ruptures of deep flexor tendons. Materials Science and Engineering C, 2021, 119, 111504.	3.8	15
332	Land subsidence risk assessment using GIS fuzzy logic spatial modeling in Varamin aquifer, Iran. Geo Journal, 2021, 86, 1203-1223.	1.7	22
333	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
335	A PSO-Based Sanitization Process with Multi-thresholds Model. Lecture Notes in Computer Science, 2021, , 439-446.	1.0	3
336	The cross-talk between lateral sheet dimensions of pristine graphene oxide nanoparticles and Ni ²⁺ adsorption. RSC Advances, 2021, 11, 11388-11397.	1.7	5
339	<i>In vivo</i> wound healing efficiency of curcumin-incorporated pectin-chitosan biodegradable films. New Journal of Chemistry, 2021, 45, 17918-17929.	1.4	7
340	Dependence of the heating effect on tissue absorption coefficient during corneal reshaping using different UV lasers: A numerical study. Physical and Engineering Sciences in Medicine, 2021, 44, 221-227.	1.3	13
341	Accumulation and cellular toxicity of engineered metallic nanoparticle in freshwater microalgae: Current status and future challenges. Ecotoxicology and Environmental Safety, 2021, 208, 111662.	2.9	55
342	Secure and Reliable D2D Communications with Active Attackers: A Game-Theoretic Perspective and Machine Learning Approaches. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 519-533.	0.2	0
343	Structure design and coordinated control of electromagnetic and frictional braking system based on a hub motor. Science Progress, 2021, 104, 003685042199848.	1.0	2
345	Electrical resistivity of Sn–3.0Ag–0.5Cu solder joint with the incorporation of carbon nanotubes. Nanomaterials and Nanotechnology, 2021, 11, 184798042199653.	1.2	13
347	Composite Nanocoatings for Environmental Remediation., 2021, , 1-17.		2
348	Research on Fault Diagnosis of Rolling Bearing in Printing Press Based on Convolutional Neural Network. Lecture Notes in Electrical Engineering, 2021, , 487-494.	0.3	1
349	Natural frequencies comparison between the pure granite and bonded granite-concrete. AIP Conference Proceedings, 2021, , .	0.3	1
350	INFLUENCE OF FIBREGLASS MESH ON PHYSICAL PROPERTIES OF LIGHTWEIGHT FOAMCRETE. IIUM Engineering Journal, 2021, 22, 23-34.	0.5	7

#	Article	IF	CITATIONS
351	Nanotextiles waste management: controlling of release and remediation of wastes., 2021,, 267-286.		6
352	Energy aware unequal clustering algorithm with multi-hop routing via low degree relay nodes for wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 2469-2482.	3.3	14
353	Identification of Joint Discrepancy in Steel Truss Bridge Using Hilbert Transform with root-MUSIC and ESPRIT Techniques. International Journal of Civil Engineering, 2021, 19, 653-668.	0.9	1
354	Optimum Median Filter Based on Crow Optimization Algorithm. Baghdad Science Journal, 2021, 18, .	0.4	2
355	Visible Light Driven Degradation of Terephthalic Acid: Optimization of Energy Demand by Light Modulation Techniques. Journal of Photocatalysis, 2021, 2, 49-61.	0.4	2
356	Data integration by two-sensors in a LEAP-based Virtual Glove for human-system interaction. Multimedia Tools and Applications, 2021, 80, 18263-18277.	2.6	6
357	Three-dimensional structure of human cyclooxygenase (hCOX)-1. Scientific Reports, 2021, 11, 4312.	1.6	29
358	Pressurized extraction of phycobiliproteins from Arthrospira platensis and evaluation of its effect on antioxidant and anticancer activities of these biomolecules. Journal of Applied Phycology, 2021, 33, 929-938.	1.5	13
359	Multiple extended stealth target tracking from image observation based on nonâ€linear subâ€random matrices approach. IET Radar, Sonar and Navigation, 2021, 15, 274-293.	0.9	4
360	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
361	Efficient Power Flow Management in Hybrid Renewable Energy Systems. IETE Journal of Research, 2023, 69, 1088-1100.	1.8	4
362	Potential benefits of incorporating Astragalus membranaceus into the diet of people undergoing disease treatment: An overview. Journal of Functional Foods, 2021, 77, 104339.	1.6	18
363	Characterization of macrophytes for Na ⁺ removal in synthetic Na-salt solution batch under greenhouse conditions. International Journal of Phytoremediation, 2021, 23, 1270-1278.	1.7	5
364	A Network Intrusion Detection Approach at the Edge of Fog. , 2021, , .		0
365	Pore-scale heat transfer of heat sink filled with stacked 2D metal fiber-PCM composite. International Journal of Thermal Sciences, 2021, 161, 106739.	2.6	11
366	Portrait photography splicing detection using ensemble of convolutional neural networks. Journal of Intelligent and Fuzzy Systems, 2021, , 1-11.	0.8	2
367	A comprehensive review and analysis of solar forecasting techniques. Frontiers in Energy, 2022, 16, 187-223.	1.2	42
368	A Compact 5G Antenna Array with Ultra-Wide Bandwidth for MM-Wave Smartphone Applications. , 2021, , .		8

#	Article	IF	CITATIONS
369	Public health in times of crisis: An overlooked variable in city management theories?. Sustainable Cities and Society, 2021, 66, 102671.	5.1	11
370	The application of image processing for cultivar discrimination of apples based on texture features of the skin, longitudinal section and cross-section. European Food Research and Technology, 2021, 247, 1319-1331.	1.6	10
371	Plane strain shear strength of unsaturated fiber-reinforced fine-grained soils. Acta Geotechnica, 2022, 17, 105-118.	2.9	9
372	Suspended sediment load prediction using long short-term memory neural network. Scientific Reports, 2021, 11, 7826.	1.6	43
373	New Method to Predict Crater Depth Obtained in Dynamic Compaction. Geotechnical and Geological Engineering, 2021, 39, 3981-3993.	0.8	1
374	Microwave-Based Approach to Recovering Zinc from Electric Arc Furnace Dust Using Silicon Powder as a Non-carbonaceous Reductant. Jom, 2021, 73, 1828-1835.	0.9	8
375	Applying Tabu Search Optimisation in Zone Distribution System Reconfiguration A Stochastic Model. Asian Journal of Engineering and Technology, 2021, 9, .	0.0	2
376	Green synthesis of the plant assisted nanoparticles from Euphorbia neriifolia L. and its application in the degradation of dyes from industrial waste. Plant Science Today, 2021, 8, 380-385.	0.4	5
377	Microalgae for biofuels, wastewater treatment and environmental monitoring. Environmental Chemistry Letters, 2021, 19, 2891-2904.	8.3	87
378	Performance evaluation of horizontal straight tube equipped with twisted tape turbulator, with air–water two-phase flow as working fluid. Journal of Thermal Analysis and Calorimetry, 2022, 147, 4339-4353.	2.0	13
379	2D Laser SLAM With Closed Shape Features: Fourier Series Parameterization and Submap Joining. IEEE Robotics and Automation Letters, 2021, 6, 1527-1534.	3.3	9
380	A new multi-scale backbone network for object detection based on asymmetric convolutions. Science Progress, 2021, 104, 003685042110113.	1.0	4
381	Imputation of Missing Values for Solar Irradiance Data under Different Weathers using Univariate Methods. IOP Conference Series: Earth and Environmental Science, 2021, 721, 012004.	0.2	3
382	A machine learning approach for modeling irregular regions with multiple owners in wind farm layout design. Energy, 2021, 220, 119691.	4.5	1
383	Neural dynamics based complete grid coverage by single and multiple mobile robots. SN Applied Sciences, 2021, 3, 1.	1.5	1
384	Sensorized Foam Actuator with Intrinsic Proprioception and Tunable Stiffness Behavior for Soft Robots. Advanced Intelligent Systems, 2021, 3, 2100022.	3.3	4
385	A Systematic Review on Selected Applications and Approaches of Wind Energy Forecasting and Integration. Journal of the Institution of Engineers (India): Series B, 2021, 102, 1061-1078.	1.3	2
386	Fermentation performance and nutritional assessment of physically processed lentil and green pea flour. Journal of the Science of Food and Agriculture, 2021, 101, 5792-5806.	1.7	22

#	Article	IF	CITATIONS
387	Energy active adjustment and bidirectional transfer management strategy of the electro-hydrostatic hydraulic hybrid powertrain for battery bus. Energy, 2021, 230, 120794.	4.5	12
388	Design and fabrication of an online inductive sensor for identification of ferrous wear particles in engine oil. Industrial Lubrication and Tribology, 2021, 73, 666-675.	0.6	4
389	A Grey Wolf Optimization-Based Method for Segmentation and Evaluation of Scaling in Reinforced Concrete Bridges. International Journal of Information Technology and Decision Making, 0, , 1-54.	2.3	2
390	Anaerobic co-digestion of kitchen waste and animal manure: a review of operating parameters, inhibiting factors, and pretreatment with their impact on process performance. Biomass Conversion and Biorefinery, 2023, 13, 5515-5531.	2.9	15
391	Nonlinear/dispersion compensation in dual polarization 128-QAM system incorporating optical backpropagation. Journal of Optical Communications, 2024, 44, s1581-s1586.	4.0	7
392	Study on Axial Compression Properties of Aluminum Foam-filled Steel Tube Members After High Temperature. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 0, , 1.	1.0	3
393	Functional-Antioxidant Food., 0,,.		0
394	Clinical utility of ultrasonography imaging in musculoskeletal conditions: A Systematic review and Meta-analysis. Journal of Medical Ultrasonics (2001), 2021, 48, 285-294.	0.6	4
395	Using Improved TOPSIS and Best Worst Method in prioritizing management scenarios for the watershed management in arid and semi-arid environments. Soft Computing, 2021, 25, 11363-11375.	2.1	14
396	A novel robust zero-watermarking algorithm for medical images. Visual Computer, 2021, 37, 2841-2853.	2.5	18
397	Effectiveness of flipped learning and augmented reality in the new educational normality of the Covid-19 era. Texto Livre, 2021, 14, e34260.	0.4	8
398	Palm Oil Clinker as Noise Control Materials. , 0, , .		O
399	Advancements of Spraying Technology in Agriculture. , 0, , .		3
400	Observerâ€aided resilient hybrid fractionalâ€order controller for frequency regulation of hybrid power system. International Transactions on Electrical Energy Systems, 2021, 31, e13014.	1.2	22
401	The effect of unique structural flower-like TiO2 towards polysulfone mixed matrix membrane as efficient antifouling and antibacterial for humic acid removal. Journal of Polymer Research, 2021, 28, 1.	1.2	4
402	METHODS FOR IMPROVING ALPHA-MANGOSTIN SOLUBILITY: A REVIEW. International Journal of Applied Pharmaceutics, 0, , 47-54.	0.3	4
403	Multi-scale object detection for high-speed railway clearance intrusion. Applied Intelligence, 2022, 52, 3511-3526.	3.3	6
404	Selfâ€Powered Organic Electrochemical Transistors with Stable, Lightâ€Intensity Independent Operation Enabled by Carbonâ€Based Perovskite Solar Cells. Advanced Materials Technologies, 0, , 2100565.	3.0	7

#	Article	IF	Citations
405	A review of models for water level forecasting based on machine learning. Earth Science Informatics, 2021, 14, 1707-1728.	1.6	21
406	Identification of eccentricity of a motorized spindle-tool system with random parameters. Mechanical Sciences, 2021, 12, 715-723.	0.5	1
407	RECENT STRATEGIES FOR IMPROVING SOLUBILITY AND ORAL BIOAVAILABILITY OF PIPERINE. International Journal of Applied Pharmaceutics, 0 , , $31-39$.	0.3	3
408	DEVELOPMENT AND IN VITRO ASSESSMENT OF BUSPIRONE LOADED IN SITU NANOEMULSION GEL. International Journal of Applied Pharmaceutics, 0, , 142-149.	0.3	1
409	Influence of the inclination angle on the sound field in an irregular enclosure containing two elastic walls. JVC/Journal of Vibration and Control, 0, , 107754632110377.	1.5	1
410	Machine learning based identification and classification of disorders in human knee joint – computational approach. Soft Computing, 2021, 25, 13001-13013.	2.1	6
411	Catalytic transesterification of glycerol with dimethyl carbonate to glycerol carbonate with <scp>Co₃O₄</scp> nanoparticle incorporated <scp>MCM</scp> â€41 derived from rice husk. Canadian Journal of Chemical Engineering, 2022, 100, 1868-1883.	0.9	7
412	A comprehensive review on blockchain and Internet of Things in healthcare. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4333.	2.6	39
413	Phytochemical Analysis of the Essential Oils From Aerial Parts of Four <i>Scutellaria </i> "Skullcap― Species Cultivated in South Alabama: <i>Scutellaria baicalensis </i> Georgi <i>, S. Barbata </i> D. Don <i>, S. Incana </i> Biehler <i>, </i> and <i>S. Lateriflora </i> L. Natural Product Communications, 2021, 16, 1934578X2110259.	0.2	6
414	Effects of personal control for thermal comfort in long-distance trains. Energy and Buildings, 2021, 247, 111125.	3.1	15
415	Thermal performance of inserting hybrid nanofluid in parabolic trough collector. Pollack Periodica, 2021, 16, 88-93.	0.2	3
416	Comparative Analysis of SIM-Based Hybrid Modulation Schemes Over Log-Normal Channel Model. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 343-356.	0.5	0
417	Techniques for ground-based soil moisture measurement: a detailed overview. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	7
418	Application of a neuro-fuzzy controller for single machine infinite bus power system to damp low-frequency oscillations. Transactions of the Institute of Measurement and Control, 2021, 43, 3633-3646.	1.1	15
419	A Comparison of Timeâ€Frequency Signal Processing Methods for Identifying Nonâ€Perennial Streamflow Events From Streambed Surface Temperature Time Series. Water Resources Research, 2021, 57, e2020WR028670.	1.7	3
420	Tribological behaviors of polycrystalline cubic boron nitride sliding against silicon nitride in air and vacuum conditions. Ceramics International, 2022, 48, 363-372.	2.3	10
421	Value-Added Utilization of Banana Peel (<i>Musa acuminata</i>): Adsorption Fatty Acid and Extending the Life of Activated Carbon. Solid State Phenomena, 0, 324, 125-130.	0.3	0
422	Superhydrophobic ODT-TiO2 NW-PDA nanocomposite-coated polyurethane sponge for spilled oil recovery and oil/water separation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 630, 127541.	2.3	16

#	Article	IF	Citations
423	Distributed multi-objective day-ahead generation and HVDC transmission joint scheduling for two-area HVDC-linked power grids. International Journal of Electrical Power and Energy Systems, 2022, 134, 107445.	3.3	12
424	Reliability analysis for complex system with multi-source data integration and multi-level data transmission. Reliability Engineering and System Safety, 2022, 217, 108050.	5.1	12
425	Memory-efficient architecture for FrWF-based DWT of high-resolution images for IoMT applications. Multimedia Tools and Applications, 2021, 80, 11177-11199.	2.6	6
427	Role of Semantics in Smart City Applications. , 2021, , 171-190.		1
428	Prediction of Changes of Intentions and Avoidance Strategies for the Way Crossing Scenarios. Lecture Notes in Electrical Engineering, 2021, , 811-821.	0.3	0
429	Development of suitable formula for ready-to-drink healthy mixture of chicory and coffee. Coffee Science, 0, 16, 1-11.	0.5	1
430	RADIoT: The Unifying Framework for IoT, Radiomics and Deep Learning Modeling. Intelligent Systems Reference Library, 2021, , 109-128.	1.0	9
431	A Survey on Emerging Software-Defined Networking and Blockchain in Smart Health Care. IOP Conference Series: Materials Science and Engineering, 2021, 1022, 012056.	0.3	10
432	Multistage Model for Accurate Prediction of Missing Values Using Imputation Methods in Heart Disease Dataset. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 637-653.	0.5	15
433	Study on the clay weakening characteristics in deep unconsolidated layer using the multi-point monitoring system of FBG sensor arrays. Optical Fiber Technology, 2021, 61, 102432.	1.4	8
434	Energy Efficient Data Collection in Smart Cities Using IoT. Advances in Intelligent Systems and Computing, 2020, , 632-654.	0.5	7
435	Wind Energy Prediction Using Artificial Neural Networks. Sustainable Production, Life Cycle Engineering and Management, 2020, , 101-107.	0.2	6
436	An Intelligent Platform for Offline Learners Based on Model-Driven Crowdsensing Over Intermittent Networks. Lecture Notes in Computer Science, 2020, , 300-314.	1.0	6
437	A Collaborative Approach to Demand Side Energy Management. IFIP Advances in Information and Communication Technology, 2020, , 393-405.	0.5	2
438	Nanoparticles for Sustainable Bioenergy and Biofuel Production. , 2020, , 23-60.		2
439	Modelâ€based control of a VSCâ€based power generator with synthetic inertia provision in an isolated microâ€grid. IET Generation, Transmission and Distribution, 2020, 14, 5037-5046.	1.4	3
440	Dual costâ€sensitivity factorsâ€based power system transient stability assessment. IET Generation, Transmission and Distribution, 2020, 14, 5858-5869.	1.4	6
441	Augmented reality in education. A scientific mapping in Web of Science. Interactive Learning Environments, 2023, 31, 1860-1874.	4.4	29

#	Article	IF	CITATIONS
442	Impact of manufacturing imperfections and surface defects on stress–strain behaviour of flexible adhesive joints. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2020, 234, 499-510.	1.4	4
443	Thermal non-equilibrium model subjected to thermal radiation impact and dust particles suspension in a porous square cavity. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 913-926.	1.4	3
444	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
445	Computational analysis of biomimetic butterfly valve. Bioinspired, Biomimetic and Nanobiomaterials, 2020, 9, 223-232.	0.7	5
446	Common Reactions of Furfural to scalable processes of Residual Biomass. Ciencia En Desarrollo, 2020, 11, 63-80.	0.1	11
447	Journalism that tells the future: possibilities and journalistic scenarios for augmented reality. Profesional De La Informacion, O, , .	2.7	11
448	MIMO-Terahertz in 6G Nano-Communications: Channel Modeling and Analysis. Computers, Materials and Continua, 2020, 66, 263-274.	1.5	27
449	Tarım Sektörünün Çevre Kirliliği Üzerindeki Etkisi: Türkiye Ekonomisi İçin Bir Eşbütünleşr Analizi. Journal of Tekirdag Agricultural Faculty, 2020, 17, 329-345.	ne ve Ned 0.2	ensellik 22
450	Comparisons of Seafarers' Perception of Maritime and Onshore Traffic Conditions. Journal of the Korean Society of Marine Environment and Safety, 2019, 25, 320-327.	0.1	1
451	Attribute-based integrated product process configurator for mass customization. Procedia CIRP, 2021, 103, 140-145.	1.0	2
452	Hydrogen Production on Aluminum in Alkaline Media. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 906-916.	0.3	9
454	An Overview of the Use of Rockbolts as Support Tools in Mining Operations. Geotechnical and Geological Engineering, 0 , , 1 .	0.8	3
455	Potential Use of Eggshell as Bone Graft Compared with Bovine for Bone Defect: A Systematic Review Study. Open Access Macedonian Journal of Medical Sciences, 2021, 9, 470-473.	0.1	1
456	Cell immobilization strategies for biotransformations. Current Opinion in Green and Sustainable Chemistry, 2022, 33, 100565.	3.2	33
457	Integration and classification approach based on probabilistic semantic association for big data. Complex & Intelligent Systems, 2023, 9, 3681-3694.	4.0	2
459	Development of microwave-assisted alkaline pretreatment methods for enhanced sugar recovery from bamboo and corn cobs: Process optimization, chemical recyclability and kinetics of bioethanol production. Industrial Crops and Products, 2021, 174, 114166.	2.5	15
460	Avaliação morfológica de fibras eletrofiadas de policaprolactona em função do tipo de solvente. Revista Materia, 2019, 24, .	0.1	8
461	Morphological parameters causing landslides: a case study of elevation. Bulletin of the Mineral Research and Exploration, 0 , 1 - 10 .	0.5	3

#	Article	IF	CITATIONS
462	A Permissioned Blockchain-Based Platform for Education Certificate Verification. Communications in Computer and Information Science, 2020, , 456-471.	0.4	9
463	Adaptive machine learning algorithm employed statistical signal processing for classification of ECG signal and myoelectric signal. Multidimensional Systems and Signal Processing, 2020, 31, 1299-1316.	1.7	1
464	Digital Image Processing Applied to Optical Measurements. , 0, , .		0
465	Stability analysis of an isolated microgrid with the presence of the hybrid energy storage system-based virtual synchronous generator. Journal of Science and Technology Issue on Information and Communications Technology, 0, , 46-51.	0.1	1
466	Estimation of friction capacity of driven piles in clay using artificial Neural Network. Vietnam Journal of Earth Sciences, 2020, 42, .	1.0	6
468	A Lightweight Pedestrian Detection Model for Edge Computing Systems. Advances in Intelligent Systems and Computing, 2021, , 102-112.	0.5	2
469	Reference Model Supported in Academic Analytic for the Collection and Analysis of Data from Students and Teachers. Lecture Notes in Electrical Engineering, 2021, , 20-29.	0.3	0
470	Blockchain in Education: New Challenges. Advances in Intelligent Systems and Computing, 2021, , 380-389.	0.5	1
471	Facile and Scalable Co-deposition of Anti-bacterial Zn-GNS Nanocomposite Coatings for Hospital Facilities: Tribo-Mechanical and Anti-corrosion Properties. Jom, 2021, 73, 4270.	0.9	6
472	Evaluation of seed yield, oil, and fatty acid ratio in medicinal pumpkin grown according to traditional cultivation and different programs of organic farming. Organic Agriculture, 0 , 1 .	1.2	4
473	Extraction and Recognition of Numerals from Machine-Printed Urdu Documents. Communications in Computer and Information Science, 2020, , 334-347.	0.4	0
474	Computational analysis of the effects of geometric irregularities and post-processing steps on the mechanical behavior of additively manufactured 316L stainless steel stents. PLoS ONE, 2020, 15, e0244463.	1.1	6
475	Hybrid white light emitting devices (HWLEDs) from organic polymer and PbS nanocrystals by multiple excitons. Materials Science-Poland, 2020, 38, 693-698.	0.4	1
476	Requirements engineering for crossover services: Issues, challenges and research directions. IET Software, 2021, 15, 107-125.	1.5	4
477	Wind Speed Forecasting Based on Discrete Wavelet Transform, Moving Average Method and Gated Recurrent Unit. Lecture Notes in Networks and Systems, 2021, , 71-78.	0.5	1
478	Development and verification of individual motor control technology to improve the driving performance of independently rotating wheel type railway vehicle using hardware-in-the-loop (HIL) Simulator. Measurement and Control, 2021, 54, 11-24.	0.9	2
479	Carbon Fibre Reinforced Polymer Materials for Antennas and Microwave Technologies., 2020,, 45-63.		0
480	Resolution of the Friction Coefficient of Adhesion Under Cutting. Lecture Notes in Mechanical Engineering, 2020, , 98-107.	0.3	1

#	Article	IF	CITATIONS
481	High-resolution holographic 3D display method by direct coding of light field images. , 2020, , .		0
482	Energy-Efficient RF for UDNs. , 2022, , 123-166.		0
483	A study of pine resin in softwood by 1D and 2D time-domain NMR. Holzforschung, 2020, 74, 839-852.	0.9	1
484	Progress and challenges of optical wireless mine communication and localization. , 2020, , .		1
485	New Hybrid AD Methodology for Minimizing the Total Amount of Information Content: A Case Study of Rehabilitation Robot Design. Chinese Journal of Mechanical Engineering (English Edition), 2020, 33, .	1.9	7
486	Quantitative evaluation of semi-analytical finite element method for modeling Lamb waves in orthotropic plates. Comptes Rendus - Mecanique, 2020, 348, 335-350.	0.3	3
487	Fuzzy Unsupervised Approaches to Analyze Covid-19 Spread for School Reopening Decision Making. , 2021, , .		2
488	A Family of Redundant-Switch Configurations for Improving Fault-tolerant Feature of Power Converters., 2021,,.		0
489	Biosensing Applications of Electrode Materials. Engineering Materials, 2022, , 187-231.	0.3	4
490	A reconfigurable integrated <scp>4â€port UWB</scp> and <scp>NB</scp> antenna system for cognitive radio application. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22998.	0.8	5
491	Goal-Driven Autonomous Exploration Through Deep Reinforcement Learning. IEEE Robotics and Automation Letters, 2022, 7, 730-737.	3.3	25
492	A Novel Method for Diagnosing Demagnetization Fault in PMSM Using Toroidal-Yoke-Type Search Coil. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	2.4	20
493	Seamless shifting of a two-speed dual clutch transmission for electric vehicles using machine learning. Mechanical Engineering Letters, 2021, 7, 21-00301-21-00301.	0.2	1
494	Mitigating membrane biofouling in biofuel cell system – A review. Open Chemistry, 2021, 19, 1202-12	15.ο	2
495	Bearing capacity and settlement prediction of multi-edge skirted footings resting on sand. Ingenieria E Investigacion, 2020, 40, 9-21.	0.2	14
496	Contactless method for determining zoometric characteristics of fur for digital life cycle control. AIP Conference Proceedings, 2022, , .	0.3	0
497	Reliability of reinforced concrete beams in serviceability limit state via microprestress-solidification theory, a structural health monitoring strategy. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2022, 236, 1077-1093.	0.7	7
499	A review on tea quality and safety using emerging parameters. Journal of Food Measurement and Characterization, 2022, 16, 1291-1311.	1.6	7

#	Article	IF	CITATIONS
500	Predicting suspended sediment load in Peninsular Malaysia using support vector machine and deep learning algorithms. Scientific Reports, 2022, 12, 302.	1.6	20
502	Synergistic photocatalytic effect of BiOBr–BiOI heterojunctions due to appropriate layer stacking. Dalton Transactions, 2022, 51, 2413-2427.	1.6	6
503	Study on shock absorption performance and damage of a new staggered story isolated system. Advances in Structural Engineering, 2022, 25, 1136-1147.	1.2	7
504	Hydrogen: A Future Chemical Fuel. Materials Horizons, 2022, , 1-30.	0.3	5
505	An improved density peaks clustering algorithm based on grid screening and mutual neighborhood degree for network anomaly detection. Scientific Reports, 2022, 12, 1409.	1.6	6
506	Tribological behavior prediction of composite MoS ₂ -TiO ₂ coating using Taguchi coupled artificial neural network approach. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 6835-6850.	1.1	6
507	Size dependent creep deformation of elastically constrained compliant metallic joints. Materialia, 2022, 21, 101322.	1.3	2
508	Energy recovery from garden and park waste by hydrothermal carbonisation and anaerobic digestion. Waste Management, 2022, 140, 100-109.	3.7	25
509	Numerical investigation of weld bead porosity reduction in the oscillating laser T-joint welding of aluminum alloy. Journal of Laser Applications, 2022, 34, 012029.	0.8	3
510	Standardization and validation of phytoâ€metabolites by Ultraâ€HPLC and highâ€performance thin layer chromatography for rapid quality assessment of ancient ayurvedic medicine, Mahayograj Guggul. Journal of Separation Science, 2022, , .	1.3	1
511	The effect of heel-to-toe drop of running shoes on patellofemoral joint stress during running. Gait and Posture, 2022, 93, 230-234.	0.6	7
512	MyoSpring: 3D Printing Mechanomyographic Sensors for Subtle Finger Gesture Recognition., 2022,,.		6
513	Exploration of the Nucleation-Growth Effect of Cetyltrimethylammonium Bromide for High Î ² -Poly(Vinylidene Fluoride) Crystallization. Journal of Macromolecular Science - Physics, 2022, 61, 393-412.	0.4	2
514	Investigation of dermal exposure to heavy metals (Cu, Zn, Ni, Al, Fe and Pb) in traditional batik industry workers. Heliyon, 2022, 8, e08914.	1.4	12
516	Closed Form Approximation of the Actual Spectral Power Emission of Commercial Color LEDs for VLC. Journal of Lightwave Technology, 2022, 40, 4311-4320.	2.7	4
517	Assessing the Adaptation of Internet of Things (IoT) Barriers for Smart Cities' Waste Management Using Fermatean Fuzzy Combined Compromise Solution Approach. IEEE Access, 2022, 10, 37109-37130.	2.6	21
518	An effective integrated machine learning approach for detecting diabetic retinopathy. Open Computer Science, 2022, 12, 83-91.	1.3	4
520	Synthesis of non-radioactive rhenium complexes with quercetin compounds. AIP Conference Proceedings, 2022, , .	0.3	0

#	Article	IF	CITATIONS
521	Micro-Service Placement Policies forÂCost Optimization inÂKubernetes. Lecture Notes in Networks and Systems, 2022, , 409-420.	0.5	6
524	Seed Priming: The Way Forward to Mitigate Abiotic Stress in Crops. Physiology, 0, , .	4.0	5
525	Electro spinning of Polycaprolactone / Hydroxyapatite Composites in Wound Dressing Application. Iraqi Journal of Physics, 2022, 20, 14-25.	0.2	0
526	Toward machine intelligence that learns to fingerprint polymorphic worms in IoT. International Journal of Intelligent Systems, 0, , .	3.3	0
527	Review on potential of using agricultural, municipal solid and industrial wastes as substrates for biogas production in Nigeria. Biomass Conversion and Biorefinery, 2024, 14, 1567-1579.	2.9	6
528	Immersed boundary methods in wave-based virtual acoustics. Journal of the Acoustical Society of America, 2022, 151, 1627-1638.	0.5	4
529	Transparent oxyfluoride glass-ceramics obtained by different sol-gel routes. Journal of Sol-Gel Science and Technology, $0, 1$.	1.1	10
530	A survey on event detection based video summarization for cricket. Multimedia Tools and Applications, 2022, 81, 29253-29281.	2.6	7
531	Blockchain-based trust management and authentication of devices in smart grid. Cleaner Engineering and Technology, 2022, 8, 100481.	2.1	17
532	Sound field reconstruction using block sparse Bayesian learning equivalent source method. Journal of the Acoustical Society of America, 2022, 151, 2378-2390.	0.5	9
533	CRISPR/Cas9 and Nanotechnology Pertinence in Agricultural Crop Refinement. Frontiers in Plant Science, 2022, 13, 843575.	1.7	13
534	Flow disturbance compensation calculated with flow simulations for ultrasonic clamp-on flowmeters with optimized path arrangement. Flow Measurement and Instrumentation, 2022, 85, 102167.	1.0	5
535	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
536	Constructing Intelligent Learning Dashboard for Online Learners. , 2021, , .		1
537	Evaluating Annotated Dataset of Customer Reviews for Aspect Based Sentiment Analysis. Journal of Web Engineering, 0, , .	0.7	0
538	A Review on the Mechanical Behavior of Size-Dependent Beams and Plates using the Nonlocal Strain-Gradient Model. Journal of Basic & Applied Sciences, 0, 17, 184-193.	0.0	1
539	Improving BER Performance of Massive MIMO Scheme over Rayleigh Fading Channel. European Journal of Education and Pedagogy, 2021, 5, 58-63.	0.2	1
540	Application of nanofluids on various performance characteristics of hydrodynamic journal bearingâ€"A review. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2022, 236, 1229-1238.	1.4	7

#	Article	IF	CITATIONS
541	Low-cost test setup for motorcycle protective clothing abrasion examination. Communications in Development and Assembling of Textile Products, 2021, 2, 196-207.	0.3	0
543	Optical Properties of Organic Beetroot Dye and its Different Applications. Ibn Al-Haitham Journal for Pure and Applied Sciences, 2022, 35, 17-27.	0.1	1
544	A sliding mode control strategy for active horizontal seat suspension under realistic input vibration. JVC/Journal of Vibration and Control, 2023, 29, 2539-2551.	1.5	5
545	Principal Component Analysis and Artificial Intelligence Approaches for Solar Photovoltaic Power Forecasting. , 0, , .		1
546	Composite Nanocoatings for Environmental Remediation. , 2022, , 1123-1138.		0
547	Demonstration of a Resilient and Quantum-Secured Time-Shared Optical Network with Multi-Level Programmability., 2022,,.		3
548	Efficient Optimization Technique for Analysing the Performance of Bifacial Solar Cells Using Fuzzy Logic. Lecture Notes in Networks and Systems, 2022, , 263-272.	0.5	2
549	Effect of solvent, method, time and temperature of extraction on the recovery of phenolic compounds and antioxidants from spent coffee grounds. International Journal of Food Engineering, 2022, 18, 325-336.	0.7	3
550	A fake threshold visual cryptography of QR code. Multimedia Tools and Applications, 2022, 81, 39635-39653.	2.6	1
551	Tucker's congruence regressive feature projected Tversky discriminant multiple instance learning boost data classification for school student dropout prediction. Concurrency Computation Practice and Experience, 0, , .	1.4	0
552	Automatic extraction channel of space debris based on wide-field surveillance system. Npj Microgravity, 2022, 8, 14.	1.9	5
553	Analysis and optimization of temperature field of high-speed permanent magnet motor. Advances in Mechanical Engineering, 2022, 14, 168781322210959.	0.8	3
555	Research on product recommendation based on matrix factorization models fusing user reviews. Applied Soft Computing Journal, 2022, 123, 108971.	4.1	18
556	Identification, monitoring, and reaction kinetics of reactive trace species using time-resolved mid-infrared quantum cascade laser absorption spectroscopy: development, characterisation, and initial results for the CH ₂ 00 Criegee intermediate. Atmospheric Measurement Techniques, 2022, 15, 2875-2887.	1.2	2
557	Transition from necking to cavitation driven tertiary creep with length scale in constrained ductile metal joints. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 845, 143205.	2.6	2
558	Tool for determining levels and classifying; host plant resistance, tolerance to stress, vigour and pathogen virulence in plants. Scientific African, 2022, , e01218.	0.7	0
559	Tuning polymorphs of precipitated calcium carbonate from discarded eggshells: effects of polyelectrolyte and salt concentration. RSC Advances, 2022, 12, 14729-14739.	1.7	7
560	How the technologies underlying cyber-physical systems support the reconfigurability capability in manufacturing: a literature review. International Journal of Production Research, 2023, 61, 3122-3144.	4.9	7

#	Article	IF	CITATIONS
561	An Approach for Predicting Stiffness of a 5-DOF Hybrid Robot for Friction Stir Welding. Mechanism and Machine Theory, 2022, 175, 104941.	2.7	10
562	A comparison of machine learning models for suspended sediment load classification. Engineering Applications of Computational Fluid Mechanics, 2022, 16, 1211-1232.	1.5	10
563	Low and high temperature characteristics of compounded and modified bitumens. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129308.	2.3	3
564	Identifying-and-counting based monitoring scheme for pigs by integrating BLE tags and WBLCX antennas. Computers and Electronics in Agriculture, 2022, 198, 107070.	3.7	3
567	Bioactive Potential of a Traditional Hispanic Plant: Fermented and Non-fermented Agave Products. ACS Symposium Series, 0, , 159-174.	0.5	0
568	Non-ellipsoidal extended targets tracking from image observations based on ECK-MB-sub-random matrices filter. Multimedia Tools and Applications, 0 , , .	2.6	1
569	Determination of the Effect of a Mode I Surface Crack Cross-Sectional Shape on the Characteristics of the Forced Bending Vibrations of a Cantilever Beam. Strength of Materials, 0, , .	0.2	1
570	Surface and bulk modification techniques to mitigate silt erosion in hydro turbines: a review of techniques and parameters. Surface Engineering, 2022, 38, 288-302.	1.1	2
572	Data mining in predictive maintenance systems: A taxonomy and systematic review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2022, 12, .	4.6	10
573	Root factors limiting BIM implementation in developing countries: sampling the Turkish AEC industry. Open House International, 2022, 47, 732-762.	0.6	6
574	Generating strategies for land subsidence control and remediation based on risk classification evaluation in Tianjin, China. Natural Hazards, 2022, 114, 733-749.	1.6	3
575	Running-induced fatigue and impact loading in runners: A systematic review and meta-analysis. Journal of Sports Sciences, 2022, 40, 1512-1531.	1.0	2
576	Acute effect of whole body-vibration exercise and osteopathic manipulative treatment on the heart rate variability in individuals with metabolic syndrome: Randomized cross-study protocol. International Journal of Osteopathic Medicine, 2022, , .	0.4	1
577	A novel zero-watermarking algorithm based on robust statistical features for natural images. Visual Computer, 2022, 38, 3175-3188.	2.5	7
578	Rank biserial stochastic feature embed bivariate kernelized regressive bootstrap aggregative classifier for school student dropout prediction. Concurrency Computation Practice and Experience, 0, , .	1.4	0
579	Multi-objectives topology optimization of frame in an electric mining dump truck based on fuzzy satisfaction variable weight coefficients method. Journal of Mechanical Science and Technology, 2022, 36, 3059-3069.	0.7	0
580	Detecting fake reviews through topic modelling. Journal of Business Research, 2022, 149, 884-900.	5.8	14
581	Preparation of Lead-Free X-Ray Shielding Materials Based on Natural Rubber/Barium Sulfate Composites. , 2022, 25, 59-66.		1

#	Article	IF	CITATIONS
582	Effect of time windows in LSTM networks for EEG-based BCIs. Cognitive Neurodynamics, 2023, 17, 385-398.	2.3	3
583	Orchid mycorrhizal fungi and ascomycetous fungi in epiphytic Vanda falcata roots occupy different niches during growth and development. Mycorrhiza, 2022, 32, 481-495.	1.3	2
584	Using multiagent modeling to forecast the spatiotemporal development of the COVID-19 pandemic in Poland. Scientific Reports, 2022, 12 , .	1.6	1
585	A fault identification method based on an ensemble deep neural network and a correlation coefficient. Soft Computing, 0, , .	2.1	0
586	Comparative evaluation of freeze and thaw effect on strength of BEICP-stabilized silty sands and cement- and fly ash-stabilized soils. Acta Geotechnica, 2023, 18, 1073-1092.	2.9	6
587	One-hour ahead wind speed forecasting using deep learning approach. Stochastic Environmental Research and Risk Assessment, 2022, 36, 4311-4335.	1.9	3
588	Application of Synchronized Backscatter Sensors to Sign Language Motion Classification. Journal of Signal Processing, 2022, 26, 119-122.	0.2	0
589	Enhancing earth pressure balance tunnel boring machine performance with support vector regression and particle swarm optimization. Automation in Construction, 2022, 142, 104457.	4.8	12
590	A colorimetric aptasensor based on gold nanoparticles for detection of microbial toxins: an alternative approach to conventional methods. Analytical and Bioanalytical Chemistry, 2022, 414, 7103-7122.	1.9	14
591	MCred: multi-modal message credibility for fake news detection using BERT and CNN. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 10617-10629.	3.3	9
592	Multi-view camera system for measurement of heavy forgings. International Journal of Advanced Manufacturing Technology, 2022, 121, 7295-7310.	1.5	2
593	High-temperature phase transformations of hydroxylapatite and the formation of silicocarnotite in the hydroxylapatite–quartz–lime system studied in situ and in operando by Raman spectroscopy. Journal of Materials Science, 2022, 57, 15239-15266.	1.7	4
594	Evaluating different machine learning algorithms for snow water equivalent prediction. Earth Science Informatics, 2022, 15, 2431-2445.	1.6	6
595	Electrochemical Dissolution Characteristics and Electrochemical Micromachining of Ti6Al4V Alloy Fabricated by Direct Metal Laser Sintering Method. Electrocatalysis, 0, , .	1.5	0
597	A Survey of Software Defect Prediction Based on Deep Learning. Archives of Computational Methods in Engineering, 2022, 29, 5723-5748.	6.0	3
598	Probabilistic Evaluation of Tunnel Boring Machine Penetration Rate Based on Case Analysis. KSCE Journal of Civil Engineering, 2022, 26, 4840-4850.	0.9	3
599	A review on design, operation, and maintenance of constructed wetlands for removal of nutrients and emerging contaminants. International Journal of Environmental Science and Technology, 2023, 20, 9249-9270.	1.8	4
600	Carbon Nanotubes Reinforced Polymeric Hybrid Materials for Water Purification. Composites Science and Technology, 2022, , 197-223.	0.4	0

#	Article	IF	CITATIONS
601	Prediction ofÂStudents' Performance Based onÂTheir Learning Experiences andÂAssessments: Statistical andÂNeural Network Approaches. Communications in Computer and Information Science, 2022, , 24-39.	0.4	0
602	Humanoids at the Helm of the Nursing Profession in Elderly Care: Critical Review. Lecture Notes in Information Systems and Organisation, 2022, , $1 - 18$.	0.4	1
603	Gait Time Parameter Analysis-Based Rehabilitation Evaluation System of Lower Limb Motion Function. Lecture Notes in Computer Science, 2022, , 90-102.	1.0	0
604	Effect of Mass Ratio on Phytoremediation of Nickel Contaminated Water. Al-Khawarizmi Engineering Journal, 2022, 18, 16-25.	0.3	4
605	Testing Samples Made of Polymer Composite Materials Using Ultrasonic Antenna Arrays. Russian Journal of Nondestructive Testing, 2022, 58, 411-424.	0.3	3
606	Mapping Forests Using an Imbalanced Dataset. Journal of the Institution of Engineers (India): Series B, 0, , .	1.3	0
607	Removal of methylene blue using tungsten (VI)-oxide immobilized on commercial PVC in the presence of simulated solar radiation. International Journal of Environmental Science and Technology, $0, \dots$	1.8	2
608	EFEK HOLDING TIME PROSES AKTIVASI TERHADAP STRUKTUR PORI KARBON AKTIF DARI AMPAS KOPI SEDUH. Rekayasa Mesin, 2022, 13, 599-607.	0.2	0
609	Contrasting phytoplankton-zooplankton distributions observed through autonomous platforms, in-situ optical sensors and discrete sampling. PLoS ONE, 2022, 17, e0273874.	1.1	3
610	Spatial Light Modulators and Their Applications in Polarization Holography. , 0, , .		0
611	Mechanical Behavior of RC Beams Strengthened in Shear with CFRP Grid–Epoxy Mortar. Applied Mechanics and Materials, 0, 909, 55-61.	0.2	0
612	A Lightweight Compact Lithium-lon Battery Thermal Management System Integratable Directly with EV Air Conditioning Systems. Journal of Thermal Science, 0, , .	0.9	0
613	Fuzzy Membership Grade-Based Binocular Line-Structured Light Parameter Calibration Algorithm. International Journal of Fuzzy Systems, 0, , .	2.3	0
614	Settlement Prediction of Double Line Shield Tunnel in Upper Soft and Lower Hard Stratas. Soil Mechanics and Foundation Engineering, 0, , .	0.2	0
615	Advanced Signal Processing Methods for Condition Monitoring. Archives of Computational Methods in Engineering, 2023, 30, 1553-1577.	6.0	10
616	Investigation of the manufacturability of a copper coil for use in space components by means of the fused filament fabrication process. CEAS Space Journal, 2023, 15, 701-713.	1.1	4
617	Using Integral Squeeze Film Damper to Suppress Vibration of Gas Turbine. Journal of Vibration Engineering and Technologies, 0, , .	1.3	0
618	A survey on data-driven iris spoof detectors: state-of-the-art, open issues and future perspectives. Multimedia Tools and Applications, 2023, 82, 19745-19792.	2.6	2

#	Article	IF	CITATIONS
619	Photoluminescence and photocatalytic studies of rice water and papaya fruit extract-encapsulated cadmium sulfide nanoparticles. Journal of the Korean Ceramic Society, 0, , .	1.1	0
620	á» ng dụng xi măng vi sinh trong gia cố ná»n đất cát. , 2022, 12, .		0
621	A Systematic Review on Particle Swarm Optimization Towards Target Search in The Swarm Robotics Domain. Archives of Computational Methods in Engineering, 0, , .	6.0	8
622	Convolutional Neural Network-Based Lung Cancer Detection. Lecture Notes in Electrical Engineering, 2023, , 437-445.	0.3	1
623	Two-dimensional materials based on negative differential transconductance and negative differential resistance for the application of multi-valued logic circuit: a review. Carbon Letters, 2023, 33, 59-76.	3.3	4
624	A review of mechanical cassava peeling and its adoption by processors. , 2022, 22, 23-38.		1
625	C2ShadowGAN: cycle-in-cycle generative adversarial network for shadow removal using unpaired data. Applied Intelligence, 2023, 53, 15067-15079.	3.3	1
626	Guiding crowds when facing limited compliance: Simulating strategies. PLoS ONE, 2022, 17, e0276229.	1.1	3
627	Marine-derived bioceramics for orthopedic, reconstructive and dental surgery applications. Journal of the Australian Ceramic Society, 2023, 59, 57-81.	1.1	5
628	Ecotoxicity of nanosilver on cladocerans and the role of algae provision. Environmental Science and Pollution Research, 0, , .	2.7	2
629	A critical review on wireless power transfer systems using metamaterials. Science and Technology, 2022, 60, 587-613.	0.1	2
630	Lógica Fuzzy na Agricultura: Breve Histórico. Cadernos De Educação, Tecnologia E Sociedade, 2022, 5, 126-139.	0.0	0
631	Automatic Fish Identification Using Single Shot Detector. CommlT Journal, 2022, 16, 167-174.	0.2	0
632	Kriptografi Untuk Enkripsi Ganda Pada Gambar Menggunakan Algoritma AES (Advanced Encryption) Tj $$ ETQq $$ 1 $$ 1 $$	0.784314	rgBT /Overlo
633	Vibrodiagnostics of the Presence of Surface Symmetrical Cracks in Beams of Rectangular and Round Cross-Sections by the Characteristics of Their Nonlinear Longitudinal Vibrations. Strength of Materials, 2022, 54, 785-801.	0.2	2
635	Modeling of high voltage induction motor cooling system using linear regression mathematical models. PLoS ONE, 2022, 17, e0276142.	1.1	1
636	EL CANAL DE CASTILLA: RECURSO PATRIMONIAL DEL AGUA Y PERSPECTIVAS DE USO E INNOVACIÓN TURÃSTICA. Cuadernos De Turismo, 2022, , 229-256.	0.2	0
637	Effect of Joint Size on Creep Behavior of Sn-Ag-Cu Solder-Cu Joints. Journal of Electronic Materials, 2023, 52, 739-750.	1.0	3

#	Article	IF	CITATIONS
639	The Impact of Industry 4.0 Concepts and Technologies on Different Phases of Construction Project Lifecycle: A Literature Review. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2023, 47, 1293-1319.	1.0	5
640	Potential of simple and hybrid nanofluid enhancement in performances of a flat plate solar water heater under a typical North-African climate (Tunisia). Environmental Science and Pollution Research, 2023, 30, 35366-35383.	2.7	7
641	Ballistic Evaluation of Aluminum Alloy (AA) 7075 Plate Repaired by Additive Friction Stir Deposition Using AA7075 Feedstock. Journal of Dynamic Behavior of Materials, 2023, 9, 79-89.	1.1	4
642	Enhanced electrical conductivity and stretchability of ionic-liquid PEDOT:PSS air-cathodes for aluminium-air batteries with long lifetime and high specific energy. Scientific Reports, 2022, 12, .	1.6	5
643	Active Balancing Disk of Rotor-Bearing Systems Based on Vibration Amplitude Data: MATLAB-Aided Wireless Control. Journal of Vibration Engineering and Technologies, 0, , .	1.3	1
644	One-hour-ahead solar radiation forecasting by MLP, LSTM, and ANFIS approaches. Meteorology and Atmospheric Physics, 2023, 135, .	0.9	12
645	Performance Evaluation of Various Solar Forecasting Models for Structural & Endogenous Datasets. Distributed Generation and Alternative Energy Journal, 0, , .	1.1	0
646	Single-center outcome analysis of 46 fetuses with megacystis after intrauterine vesico-amniotic shunting with the Somatex®intrauterine shunt. Archives of Gynecology and Obstetrics, 2024, 309, 145-158.	0.8	3
647	A State-Of-The-Art Review on Coronary Artery Border Segmentation Algorithms for Intravascular Ultrasound (IVUS) Images. Cardiovascular Engineering and Technology, 2023, 14, 264-295.	0.7	2
648	Advances in Summer Squash (Cucurbita pepo L.) Molecular Breeding Strategies. , 2023, , 163-215.		2
649	Augmented Reality for Building Maintenance and Operation. Springer Handbooks, 2023, , 495-532.	0.3	1
650	Non-competitive and competitive detoxification of As(III) ions from single and binary biosorption systems and biosorbent regeneration. Biomass Conversion and Biorefinery, 0, , .	2.9	6
651	Electromagnetic shielding effectiveness and microwave properties of expanded graphite-ionic liquid co-doped PVDF. Journal of Materials Science: Materials in Electronics, 2023, 34, .	1.1	4
652	Flood susceptibility prediction using multi criteria decision analysis and bivariate statistical models: a case study of Lower Kosi River Basin, Ganga River Basin, India. Stochastic Environmental Research and Risk Assessment, 2023, 37, 1855-1875.	1.9	1
653	Numerical Estimation ofÂtheÂlnternal Positivity ofÂtheÂFractional Order Model ofÂaÂTwo-Dimensional Heat Transfer Process. Lecture Notes in Networks and Systems, 2023, , 13-28.	0.5	0
654	Numerical Investigation on the Piston Effect in Subway Tunnels. Lecture Notes in Networks and Systems, 2023, , 108-119.	0.5	0
655	Theoretical investigation of nonlinear optical properties of Mathieu quantum well. European Physical Journal Plus, 2023, 138, .	1.2	0
656	Nanosecond Laser Ablation of Au@LiNbO3 Core–Shell Nanoparticles in Ethanol: Properties and Application in Optoelectronic Devices. Plasmonics, 2023, 18, 561-576.	1.8	6

#	Article	IF	CITATIONS
657	Healthcare 4P: Systematic Review of Applications of Decentralized Trust Using Blockchain Technology. Advanced Technologies and Societal Change, 2023, , 133-156.	0.8	2
658	An energy-based fatigue life estimation and optimization of an electric mining dump truck welded frame. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2023, 45, .	0.8	1
659	Treatments of nanofiber cellulose biomass for cementitious building materials. Euro-Mediterranean Journal for Environmental Integration, 2023, 8, 15-28.	0.6	1
660	A critical empirical evaluation of deep learning models for solving aspect based sentiment analysis. Artificial Intelligence Review, 2023, 56, 13127-13186.	9.7	2
661	An FPGA-Based Hardware Accelerator forÂtheÂk-Nearest Neighbor Algorithm Implementation inÂWearable Embedded Systems. Communications in Computer and Information Science, 2022, , 44-56.	0.4	1
662	Digital Collaboration Network for Coffee Marketing Based on an Agroforestry System for Economic Recovery of Coffee Farmers in Bandung Regency, West Java. , 2022, , 50-55.		0
663	State Diagnostics of Egg Development Based on the Neuro-fuzzy Expert System. Algorithms for Intelligent Systems, 2023, , 143-154.	0.5	0
664	The effect of pit sand properties on the water permeability of concrete. AIP Conference Proceedings, 2023, , .	0.3	0
665	Application of NIR Spectroscopy with Chemometrics for Discrimination of Indian Black Pepper Berries. Lecture Notes in Electrical Engineering, 2023, , 475-482.	0.3	0
666	Performance evaluation of trans-critical carbon dioxide refrigeration system integrated with porous internal heat exchange. Journal of Thermal Analysis and Calorimetry, 2023, 148, 5777-5786.	2.0	1
667	An automated crack detection method for underwater structures based on multilevel DWT and LPQ feature generation. Multimedia Tools and Applications, 0, , .	2.6	0
668	A computational and experimental approach to understanding material flow behavior during additive friction stir deposition (AFSD). Computational Particle Mechanics, 2023, 10, 1629-1643.	1.5	5