An Implantable Wireless Neural Interface System for Si Stimulation of Peripheral Nerve with a Single Cuff Elect

Sensors 18, 1 DOI: 10.3390/s18010001

Citation Report

#	Article	IF	CITATIONS
1	Electronic nose sensors data feature mining: a synergetic strategy for the classification of beer. Analytical Methods, 2018, 10, 2016-2025.	1.3	41
2	Nanobioremediation: Ecofriendly Application of Nanomaterials. , 2018, , 1-13.		2
3	Improvement of Multiple Routing Based on Fuzzy Clustering and PSO Algorithm In WSNs to Reduce Energy Consumption. International Journal of Computer Networks and Communications, 2018, 10, 97-115.	0.3	0
4	Clustering and Classification of a Qualitative Colorimetric Test. , 2018, , .		3
5	An Electro-Mechanical Actuator Motor Voltage Estimation Method with a Feature-Aided Kalman Filter. Sensors, 2018, 18, 4190.	2.1	22
6	Beyond 5G Wireless IRT for Industry 4.0: Design Principles and Spectrum Aspects. , 2018, , .		50
7	Intrusion detection systems for IoT-based smart environments: a survey. Journal of Cloud Computing: Advances, Systems and Applications, 2018, 7, .	2.1	212
8	Smart Tunnel Farming Model: An Inculcation of Cloud Computing with Cortex for Reliable Agricultural Production. Internatinoal Journal of Sensor Networks and Data Communications, 2018, 07, .	0.1	0
9	Ionospheric Scintillation Impacts on L-band Geosynchronous D-InSAR System: Models and Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4862-4873.	2.3	2
10	Economic Evaluation of Renewable Energy Systems for the Optimal Planning and Design in Korea – A Case Study. Journal of Sustainable Development of Energy, Water and Environment Systems, 2018, 6, 725-741.	0.9	15
11	Path Planning for Direct Energy Deposition with Collaborative Robots: A Review. , 2018, , .		8
12	Enhancing Temperature Sensitivity for The SMS Fiber Structure Temperature Sensor. , 2018, , .		2
13	Cram \tilde{A} ©r Rao Lower Bound Derivation of Parameter Estimation for Hypersonic Platform SAR-GMTI. , 2018, , .		0
14	Crowd Panic Detection Using Autoencoder with Non-uniform Feature Extraction. , 2018, , .		4
15	Case Study of Target Localization Based on Hybrid and Traditional Ranging via RSS and TOA. , 2018, , .		1
16	On the bounds of the fastest admissible decay of generalized energy in controlled LTI systems subject to state and input constraints. , 2018, , .		1
17	Looking Inside and Outside the System: Examining the Factors Influencing Distance Learners Satisfaction in Learning Management System. Journal of Computer Science, 2018, 14, 453-465.	0.5	18
18	Iris Recognition in Visible Wavelength: Impact and Automated Detection of Glasses. , 2018, , .		4

#	Article	IF	CITATIONS
19	On the combined use of Electromyogram and Accelerometer in Lower Limb Motion Recognition. , 2018, , \cdot		3
20	Gas Absorption Center-Based Wavelength Calibration Technique in QEPAS System for SNR Improvement. Photonic Sensors, 2018, 8, 358-366.	2.5	1
21	Beamforming Design for Full-Duplex SWIPT with Co-Channel Interference in Wireless Sensor Systems. Sensors, 2018, 18, 3362.	2.1	7
22	Calibration of Multibeam Echo Sounder Transducer Array Based on Focused Beamforming. IEEE Sensors Journal, 2018, 18, 10199-10207.	2.4	8
23	Sensors for Automotive Remote Road Surface Classification. , 2018, , .		9
24	Near-Infrared Silicon Photonic Crystals with High-Order Photonic Bandgaps for High-Sensitivity Chemical Analysis of Water–Ethanol Mixtures. ACS Sensors, 2018, 3, 2223-2231.	4.0	23
25	A POSHE-Based Optimum Clip-Limit Contrast Enhancement Method for Ultrasonic Logging Images. Sensors, 2018, 18, 3954.	2.1	5
26	From Antenna Design to High Fidelity, Full Physics Automotive Radar Sensor Corner Case Simulation. Modelling and Simulation in Engineering, 2018, 2018, 1-19.	0.4	19
27	An interferometric structure with a dual-resonance long period grating for strain sensing. Opto-electronics Review, 2018, 26, 325-328.	2.4	6
28	Nonlinear Least-Squares Post-Processing for Compressive Radar Imaging of a Rotating Target. , 2018, , .		2
29	A Novel Utility Based Resource Management Scheme in Vehicular Social Edge Computing. IEEE Access, 2018, 6, 66673-66684.	2.6	33
30	Finite Element Model Updating in Bridge Structures Using Kriging Model and Latin Hypercube Sampling Method. Advances in Civil Engineering, 2018, 2018, 1-11.	0.4	12
31	Effectiveness of Surface Electromyography in Pattern Classification for Upper Limb Amputees. , 2018, , .		5
32	Telerehabilitation Platform for Post-arthroplasty Recovery: a Dynamic Time Warping Approach. , 2018, ,		3
33	A Double-Resonant Sensor for Identifying Biological Tissues. , 2018, , .		3
34	First-principles study of structural phase transformation and dynamical stability of cubic AlN semiconductors. AlP Advances, 2018, 8, 125006.	0.6	9
35	A Dynamic Continuous Authentication Framework in IoT-Enabled Environments. , 2018, , .		9
36	Wireless Sensor Node with Lightning and Atmospheric Pressure Detection for Severe Convective Weather Warning Networks. , 2018, , .		2

.

#	Article	IF	CITATIONS
37	Rules engine and complex event processor in the context of internet of things for precision agriculture. Computers and Electronics in Agriculture, 2018, 154, 347-360.	3.7	37
38	Performance Analysis of DF/AF Cooperative MISO Wireless Sensor Networks With NOMA and SWIPT Over Nakagami- <inline-formula> <tex-math notation="LaTeX">\$m\$ </tex-math> </inline-formula> Fading. IEEE Access, 2018, 6, 56142-56161.	2.6	27
39	Performance Analysis and Dimension-Reduction Taylor Series Algorithms for Locating Multiple Disjoint Sources Based on TDOA Under Synchronization Clock Bias. IEEE Access, 2018, 6, 48489-48509.	2.6	13
40	Decentralized Online Simultaneous Localization and Mapping for Multi-Agent Systems. Sensors, 2018, 18, 2612.	2.1	9
41	Rapid determination of tannin in Danshen and Guanxinning injections using UV spectrophotometry for quality control. Journal of Innovative Optical Health Sciences, 2018, 11, .	0.5	6
42	Roller bearing fault diagnosis using stacked denoising autoencoder in deep learning and Gath–Geva clustering algorithm without principal component analysis and data label. Applied Soft Computing Journal, 2018, 73, 898-913.	4.1	60
43	Ground Target Classification in Noisy SAR Images Using Convolutional Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4180-4192.	2.3	67
44	A Smart Wireless Paging Sensor Network for Elderly Care Application Using LoRaWAN. IEEE Sensors Journal, 2018, 18, 9441-9448.	2.4	22
45	A Novel Surface Acoustic Wave Sensor Array Based on Wireless Communication Network. Sensors, 2018, 18, 2977.	2.1	16
46	Reconfigurable photonic generation of microwave hybrid frequency/phase shift keying signals. Optical Review, 2018, 25, 647-655.	1.2	6
47	Enhancing Replacement Policy of Content-Centric Networking to Support Reaction toward Natural Disaster. International Journal of Engineering and Technology(UAE), 2018, 7, 812.	0.2	1
48	Benefits, Barriers and Applications of Information Communication Technology in Construction Industry: a Contemporary Study. International Journal of Engineering and Technology(UAE), 2018, 7, 492.	0.2	14
49	Nanobioremediation: Ecofriendly Application of Nanomaterials. , 2018, , 1-14.		1
50	IoT solutions for precision agriculture. , 2018, , .		24
51	Presentation Attack Detection for Iris Recognition. ACM Computing Surveys, 2019, 51, 1-35.	16.1	63
52	Motion quaternion-based motion estimation method of MYO using K-means algorithm and Bayesian probability. Soft Computing, 2018, 22, 6773-6783.	2.1	5
53	Design of a Low-Power, Small-Area AEC-Q100-Compliant SENT Transmitter in Signal Conditioning IC for Automotive Pressure and Temperature Complex Sensors in 180 Nm CMOS Technology. Sensors, 2018, 18, 1555.	2.1	8
54	Towards the Handling Demand Response Optimization Model for Home Appliances. Sustainability, 2018, 10, 616.	1.6	16

#	Article	IF	CITATIONS
55	Semiconductor metal oxide/polymer based fiber optic lossy mode resonance sensors: A contemporary study. Optical Fiber Technology, 2018, 45, 146-166.	1.4	36
56	Thermal Treatments and Compensation Techniques for the Improved Response of FBG Sensors in POFs. Journal of Lightwave Technology, 2018, 36, 3611-3617.	2.7	15
57	IQI Mitigation for Narrowband IoT Systems With OFDM-IM. IEEE Access, 2018, 6, 44626-44634.	2.6	19
58	Feasibility of A Novel On-Site Detection Method for Aflatoxin in Maize Flour from Markets and Selected Households in Kampala, Uganda. Toxins, 2018, 10, 327.	1.5	14
59	Efficient and secure big data storage system with leakage resilience in cloud computing. Soft Computing, 2018, 22, 7763-7772.	2.1	30
60	Software-Defined Architectures and Technologies for Underwater Wireless Sensor Networks: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2855-2888.	24.8	92
61	Embedded application of convolutional neural networks on Raspberry Pi for SHM. Electronics Letters, 2018, 54, 680-682.	0.5	23
62	SHM via topological derivative. Smart Materials and Structures, 2018, 27, 085002.	1.8	7
63	Fatigue Reliability Evaluation of Orthotropic Steel Bridge Decks Based on Site-Specific Weigh-in-Motion Measurements. International Journal of Steel Structures, 2019, 19, 181-192.	0.6	20
64	Wireless resource management mechanism with green communication for multimedia streaming. Multimedia Tools and Applications, 2019, 78, 8699-8710.	2.6	2
65	Design and Development of Smart Cars Model for Autonomous Vehicles in a Platooning. , 2019, , .		6
66	Deep Learning Model for Skin Lesion Segmentation: Fully Convolutional Network. Lecture Notes in Computer Science, 2019, , 232-242.	1.0	5
67	Enhanced Detection and Recognition of Road Markings Based on Adaptive Region of Interest and Deep Learning. IEEE Access, 2019, 7, 109817-109832.	2.6	31
68	Image Analysis and Recognition. Lecture Notes in Computer Science, 2019, , .	1.0	1
69	Object Detection and Classification from Thermal Images Using Region based Convolutional Neural Network. Journal of Computer Science, 2019, 15, 961-971.	0.5	15
70	CSLAM and GPS Based Navigation for Multi-UAV Cooperative Transportation System. Lecture Notes in Computer Science, 2019, , 315-326.	1.0	3
71	Identification of mildew degrees in honeysuckle using hyperspectral imaging combined with variable selection. Journal of Food Measurement and Characterization, 2019, 13, 2157-2166.	1.6	13
72	Long-Term Monitoring of Temperature Effect on Horizontal Rotation Angle at Beam Ends of a Railway Steel Truss Bridge. Journal of Bridge Engineering, 2019, 24, 05019012.	1.4	4

#	Article	IF	CITATIONS
73	Damage Feature Extraction and Parameter Characterization of Large Generator Stator Insulation Based on Lamb Waves Detection Method. , 2019, , .		1
74	Dual-Frequency Interrogation and Hierarchical Evaluation Scheme for SAW Reflective Delay-Line Sensors. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1258-1266.	1.7	4
75	Development of a Low-Cost INS/GNSS/Odometer Integration Algorithm for a Road Surface Testing Laboratory Software. , 2019, , .		1
76	A Stochastic Game Approach for Collaborative Beamforming in SDN-Based Energy Harvesting Wireless Sensor Networks. IEEE Internet of Things Journal, 2019, 6, 9583-9595.	5.5	22
77	Novel Laser and Post-Tensioned Wire-Based System for Short-Term and Long-Term Monitoring Deflections in Bridges. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2019, 29, 382-389.	0.5	4
78	Field Test Results of GNSS-denied Inertial Navigation aided by Phased-array Radio Systems for UAVs. , 2019, , .		8
79	Research on Wireless Interference Co-location Method Based on Virtual Nodes. , 2019, , .		0
80	On the Possibility of Evaluating Magnetostriction Characteristics of Bulk Ferromagnets Based on Their Magnetic Properties. Russian Journal of Nondestructive Testing, 2019, 55, 378-383.	0.3	7
81	Numerical Simulation of the Piezo-Optical Strain Sensor Gauge Factor. Optoelectronics, Instrumentation and Data Processing, 2019, 55, 296-302.	0.2	1
82	Dynamic Models in Atmospheric Monitoring Signal Evaluation for Safety, Health and Cost Benefits. Mining, Metallurgy and Exploration, 2019, 36, 1235-1252.	0.4	2
83	A Progressive Web Application Based on Microservices Combining Geospatial Data and the Internet of Things. IEEE Access, 2019, 7, 104577-104590.	2.6	16
84	Ellipsometric-based novel DNA biosensor for label-free, real-time detection of Bordetella parapertussis. Journal of Biological Physics, 2019, 45, 275-291.	0.7	3
85	Internet of the Body - Wearable Monitoring and Coaching. , 2019, , .		4
86	Secrecy Performance for Integrated Satellite Terrestrial Relay Systems with Opportunistic Scheduling. , 2019, , .		4
87	Towards Buildings Energy Management: Using Seasonal Schedules Under Time of Use Pricing Tariff via Deep Neuro-Fuzzy Optimizer. , 2019, , .		36
88	An Optimal Load Scheduling Approach Considering User Preference and Convenience Level for Smart Homes. , 2019, , .		2
89	How smart homes are used to support older people: An integrative review. International Journal of Older People Nursing, 2019, 14, e12260.	0.6	31
90	Energy-Effective Cooperative and Reliable Delivery Routing Protocols for Underwater Wireless Sensor Networks. Energies, 2019, 12, 2630.	1.6	32

		CITATION RE	EPORT	
#	Article		IF	CITATIONS
91	An Enhanced Distributed Data Aggregation Method in the Internet of Things. Sensors,	2019, 19, 3173.	2.1	44
92	A Review of Semantic Sensor Technologies in Internet of Things Architectures. Comple 1-21.	xity, 2019, 2019,	0.9	28
93	Concrete Cracks Detection Based on FCN with Dilated Convolution. Applied Sciences 2019, 9, 2686.	(Switzerland),	1.3	72
94	Ultrasound computed tomography for material inspection: Principles, design and appli Measurement: Journal of the International Measurement Confederation, 2019, 146, 49	cations. 90-523.	2.5	40
95	Driver Gaze Detection Based on Deep Residual Networks Using the Combined Single In Near-Infrared Cameras. IEEE Access, 2019, 7, 93448-93461.	mage of Dual	2.6	24
96	Development of a Four-Bar Linkage Integrated with a Polypyrrole Actuator and a Resist Toward Biomimetic Pleopods. , 2019, , .	tive Sensor		2
97	Aptamer-based thin film gold electrode modified with gold nanoparticles and carboxyla multi-walled carbon nanotubes for detecting oxytetracycline in chicken samples. Food 2019, 300, 125179.	ated Chemistry,	4.2	47
98	An MQTT-Based Context-Aware Autonomous System in oneM2M Architecture. IEEE Int Journal, 2019, 6, 8519-8528.	ternet of Things	5.5	29
99	Pilot feasibility study of in vivo intraoperative quantitative optical coherence tomograp brain tissue during glioma resection. Journal of Biophotonics, 2019, 12, e201900037.	ohy of human	1.1	38
100	Research on the Improvement of Feedback Linearization Control in Suspension System Inductance Variation. Mathematical Problems in Engineering, 2019, 2019, 1-11.	n Countering	0.6	1
101	Running States Estimation of Autonomous Four-Wheel Independent Drive Electric Veh Longitudinal Force Sensors. Mathematical Problems in Engineering, 2019, 2019, 1-17.		0.6	3
102	Polarization Reconfigurable Air-Filled Substrate Integrated Waveguide Cavity-Backed S IEEE Access, 2019, 7, 102628-102643.	lot Antenna.	2.6	16
103	Updating boundary conditions for bridge structures using modal parameters. Engineer 2019, 196, 109346.	ing Structures,	2.6	12
104	Is the Use of a Low-Cost sEMG Sensor Valid to Measure Muscle Fatigue?. Sensors, 201	9, 19, 3204.	2.1	37
105	Making Every "Point―Count: Identifying the Key Determinants of Team Success in Wheelchair Basketball. Frontiers in Psychology, 2019, 10, 1431.	n Elite Men's	1.1	10
106	A comprehensive review on recent advancements in routing protocols for flying ad hoc Transactions on Emerging Telecommunications Technologies, 2022, 33, e3688.	c networks.	2.6	12
107	A Novel Approach for Determining Pile Spacing considering Interactions among Multila Masses in Colluvial Landslides. KSCE Journal of Civil Engineering, 2019, 23, 3935-3950		0.9	7
108	Wearable sensors for monitoring the internal and external workload of the athlete. Np Medicine, 2019, 2, 71.	j Digital	5.7	150

		CITATION RE	PORT	
#	Article		IF	Citations
109	PALOT: Profiling and Authenticating Users Leveraging Internet of Things. Sensors, 2019	, 19, 2832.	2.1	13
110	Underwater optical wireless communications, networking, and localization: A survey. Ac Networks, 2019, 94, 101935.	Нос	3.4	285
111	Comparison of IRMS, GC-MS and E-Nose data for the discrimination of saffron samples volution of saffron samples volution, process and age. Food Control, 2019, 106, 106736.	with different	2.8	37
112	Simulation-based multi-machine coordination for high-speed press line. Journal of the Br Society of Mechanical Sciences and Engineering, 2019, 41, 1.	azilian	0.8	7
113	Assessment of macadamia kernel quality defects by means of near infrared spectroscop nuclear magnetic resonance (NMR). Food Control, 2019, 106, 106695.	y (NIRS) and	2.8	15
114	Current Issues in Antioxidant Measurement. Journal of Agricultural and Food Chemistry, 9187-9202.	2019, 67,	2.4	108
115	An Event-Driven Mechanism Coverage Algorithm Based on Sensing-Cloud-Computing in Networks. IEEE Access, 2019, 7, 84668-84679.	Sensor	2.6	7
116	Power beacon assisted wireless power cooperative relaying using NOMA with hardware and imperfect CSI. AEU - International Journal of Electronics and Communications, 2019	impairments , 108, 275-286.	1.7	27
117	A Provably Secure and Lightweight Anonymous User Authenticated Session Key Exchang Internet of Things Deployment. IEEE Internet of Things Journal, 2019, 6, 8739-8752.	ge Scheme for	5.5	97
118	Locate the Mobile Device by Enhancing the WiFi-Based Indoor Localization Model. IEEE I Things Journal, 2019, 6, 8792-8803.	nternet of	5.5	38
119	REAL-TIME EMG ACQUISITION AND FEATURE EXTRACTION FOR REHABILITATION AND PLEAD Engineering - Applications, Basis and Communications, 2019, 31, 1950037.	ROSTHESIS. Biomedical	0.3	5
120	M2DFR: Multi-layer Multipath Data Forwarding Routing Protocol for Underwater Wireles Network. Indian Journal of Science and Technology, 2019, 12, 1-6.	ss Sensor	0.5	1
121	A novel four-tier architecture for delay aware scheduling and load balancing in fog enviro Sustainable Computing: Informatics and Systems, 2019, 24, 100355.	onment.	1.6	34
122	Special type of current conveyor-based Schmitt trigger in novel design of triangular wav generator. AEU - International Journal of Electronics and Communications, 2019, 112, 1	eform 52931.	1.7	6
123	Efficient Resource Allocation in Water Quality Sensor Networks. , 2019, , .			1
124	E-Skins: Biomimetic Sensing and Encoding for Upper Limb Prostheses. Proceedings of th 2052-2064.	ie IEEE, 2019, 107,	16.4	28
125	Enhanced organophosphate sensing response of copper incorporated ZnO nanowires. N Science in Semiconductor Processing, 2019, 104, 104675.	Naterials	1.9	4
126	Optical camera communications: Survey, use cases, challenges, and future trends. Physi Communication, 2019, 37, 100900.	cal	1.2	66

#	Article	IF	CITATIONS
127	Detection of volatile organic compounds with a polymeric sensing film deposited on a long period fiber grating. , 2019, , .		2
128	The Latest Research Progress of Green Building Materials in Lead and Zinc Tailings. IOP Conference Series: Earth and Environmental Science, 2019, 267, 052024.	0.2	6
129	Direct Localization of Multiple Noncircular Sources With a Moving Nested Array. IEEE Access, 2019, 7, 101106-101116.	2.6	9
130	Improved LSH for privacy-aware and robust recommender system with sparse data in edge environment. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	5
131	Research on Adaptive SVR Indoor Location Based on GA Optimization. Wireless Personal Communications, 2019, 109, 1095-1120.	1.8	13
132	IoT Based Hybrid Green Energy Driven Highway Lighting System. , 2019, , .		20
133	InSAR technique applied to the monitoring of the Qinghai–Tibet Railway. Natural Hazards and Earth System Sciences, 2019, 19, 2229-2240.	1.5	18
134	Transactions on Intelligent Welding Manufacturing. Transactions on Intelligent Welding Manufacturing, 2019, , .	0.3	1
135	Design and Validation of a Multifunctional Android-Based Smart Home Control and Monitoring System. IEEE Access, 2019, 7, 163313-163322.	2.6	29
137	Entertainment Computing and Serious Games. Lecture Notes in Computer Science, 2019, , .	1.0	4
138	Inspection of an underwater structure using point loud SLAM with an AUV and a laser scanner. Journal of Field Robotics, 2019, 36, 1333-1344.	3.2	66
139	Spatiotemporal characteristics of neural activity in tibial nerves with carbon nanotube yarn electrodes. Journal of Neuroscience Methods, 2019, 328, 108450.	1.3	11
140	Blockchain as a solution to the problem of illegal timber trade between Russia and China: SWOT analysis. International Forestry Review, 2019, 21, 385-400.	0.3	14
141	An Energy-Efficient Cross-Layer-Sensing Clustering Method Based on Intelligent Fog Computing in WSNs. IEEE Access, 2019, 7, 144165-144177.	2.6	27
142	Improved Target Signal Source Tracking and Extraction Method Based on Outdoor Visible Light Communication Using an Improved Particle Filter Algorithm Based on Cam-Shift Algorithm. IEEE Photonics Journal, 2019, 11, 1-20.	1.0	5
143	Visible Light Dynamic Positioning Method Using Improved Camshift-Kalman Algorithm. IEEE Photonics Journal, 2019, 11, 1-22.	1.0	12
144	Experimental Tests of the Obstacles Detection Technique in the Hemispherical Area for an Underground Explorer UAV. IEEE Aerospace and Electronic Systems Magazine, 2019, 34, 18-26.	2.3	5
145	On-line hyperspectral anomaly detection with hypothesis test based model learning. Infrared Physics and Technology, 2019, 97, 15-24.	1.3	3

#	Article	IF	CITATIONS
146	Trajectory tracking of a tri-wheel mobile robot using the castor wheel's twist angle. , 2019, , .		1
147	An energy-efficient unequal clustering routing protocol for wireless sensor networks. International Journal of Distributed Sensor Networks, 2019, 15, 155014771987938.	1.3	30
148	Performance Evaluation of MQTT Brokers in the Internet of Things for Smart Cities. , 2019, , .		13
149	A Smart Contract-based Energy Trading Strategy in Energy Internet. , 2019, , .		4
150	ANALYSIS OF PROPAGATION FOR WIRELESS SENSOR NETWORKS IN OUTDOORS. Progress in Electromagnetics Research B, 2019, 83, 153-175.	0.7	4
151	A Road Condition Classifier via Lock Embedded IMU on Dock-Less Shared Bikes. , 2019, , .		2
152	CDs@ZIF-8 Modified Thin Film Polyamide Nanocomposite Membrane for Simultaneous Enhancement of Chlorine-Resistance and Disinfection Byproducts Removal in Drinking Water. ACS Applied Materials & Interfaces, 2019, 11, 33033-33042.	4.0	39
153	Aerial Robotic Team for Complex Monitoring in Precision Agriculture. , 2019, , .		5
154	A Novel Deep Structure U-Net for Sea-Land Segmentation in Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3219-3232.	2.3	75
155	In-network data storage protocols for wireless sensor networks: A state-of-the-art survey. International Journal of Distributed Sensor Networks, 2019, 15, 155014771983248.	1.3	6
156	A low-cost wireless system of inertial sensors to postural analysis during human movement. Measurement: Journal of the International Measurement Confederation, 2019, 148, 106933.	2.5	23
157	Acquisition and segmentation images algorithm for the temporary study of the dynamic speckle phenomenon. Journal of Physics: Conference Series, 2019, 1219, 012005.	0.3	0
158	Exploration and Application of SPOC-based Belended Teaching Mode in Comprehensive English Course. Journal of Physics: Conference Series, 2019, 1237, 022115.	0.3	1
159	Study on the Influence of Agricultural Eco-Environment on the Competitiveness of Agricultural Products E-Commerce Brands in Jilin Province. IOP Conference Series: Earth and Environmental Science, 2019, 252, 052056.	0.2	3
160	Performance Analysis of B2B Communication for Different Sporting Activities. , 2019, 3, 1-4.		2
161	SLS-STQ: A Novel Scheme for Securing Spatial–Temporal Top-\$k\$ Queries in TWSNs-Based Edge Computing Systems. IEEE Internet of Things Journal, 2019, 6, 10093-10104.	5.5	7
162	Introduction to the Issue on Equity, Collaboration, and Empowerment in Mental Health Research Partnerships. Global Social Welfare, 2019, 6, 141-144.	1.1	4
163	A three dimensional modeling method for spherical open cell aluminum foams based on spherical core stratification algorithm. China Foundry, 2019, 16, 248-255.	0.5	3

#	Article	IF	CITATIONS
164	Analysis of the Effect of the Reliability of the NB-Iot Network on the Intelligent System. IEEE Access, 2019, 7, 112809-112820.	2.6	7
165	Model Checking Longitudinal Control in Vehicle Platoon Systems. IEEE Access, 2019, 7, 112015-112025.	2.6	6
166	LSH-based private data protection for service quality with big range in distributed educational service recommendations. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	3
167	Multi-branch Source Location Privacy Protection Scheme Based on Random Walk in WSNs. , 2019, , .		4
168	Improved Resource Allocation and Network Connectivity in CRSN Based Smart Grid for Efficient Grid Automation. , 2019, , .		2
169	Virtual biosensors for the estimation of medical precursors. , 2019, , .		3
170	Short on Time? Context-Aware Shopping Lists to the Rescue: an Experimental Evaluation of a Smart Shopping Cart. , 2019, , .		1
171	Angry or Climbing Stairs? Towards Physiological Emotion Recognition in the Wild. , 2019, , .		8
172	Gold and silver nanoparticles in resonance Rayleigh scattering techniques for chemical sensing and biosensing: a review. Mikrochimica Acta, 2019, 186, 667.	2.5	37
173	Reliable Communication Performance for Energy Harvesting Wireless Sensor Networks. , 2019, , .		3
174	Implementation of a lower-limb model for monitoring exercises in rehabilitation. , 2019, , .		2
175	Comparative study of muscles effort during gait phases for multi-muscle humanoids. , 2019, , .		0
176	A New Simple Fabrication Method for Silicon Nanowire-Based Accelerometers. , 2019, , .		5
177	A Real-time Electrocolonogram Monitoring and Electrical Stimulation System for Promoting Mass Peristalsis of the Colon. , 2019, , .		5
178	Flexible Organic Electrochemical Transistor with Functionalized Inkjet-Printed Gold Gate for Bacteria Sensing. , 2019, , .		8
179	Mitigation strategy against spectrum-sensing data falsification attack in cognitive radio sensor networks. International Journal of Distributed Sensor Networks, 2019, 15, 155014771987064.	1.3	22
180	Occurrence mechanism of lacustrine shale oil in the Paleogene Shahejie Formation of Jiyang Depression, Bohai Bay Basin, China. Petroleum Exploration and Development, 2019, 46, 833-846.	3.0	94
181	Rubbing response comparisons between single blade and flexible ring using different rubbing force models. International Journal of Mechanical Sciences, 2019, 164, 105164.	3.6	28

		CITATION REPORT	-
#	Article	IF	CITATIONS
182	Vibrational modes for the internal characterization of a full-scale Transnuclear-32 dry storage ca for spent nuclear fuel assemblies. Journal of Sound and Vibration, 2019, 460, 114881.	sk 2.1	5
183	Autonomous Passive Localization Algorithm for Shared Bikes. IEEE Access, 2019, 7, 119917-119	9930. 2.6	1
184	Evaluating Mental Load During Realistic Driving Simulations by Means of Round the Ear Electroe Frontiers in Neuroscience, 2019, 13, 940.	des. 1.4	27
185	Free-Form Surface Analysis and Linking Strategies for High Registration Accuracy in Quality Ass Applications. Procedia CIRP, 2019, 81, 968-973.	urance 1.0	9
186	Recording mobile EEG in an outdoor environment reveals cognitive-motor interference depende movement complexity. Scientific Reports, 2019, 9, 13086.	nt on 1.6	54
187	Appraisal theory-based mobile app for physiological data collection and labelling in the wild. , 20)19, , .	19
188	Collaborative spectrum sensing mechanism based on user incentive in cognitive radio networks Computer Communications, 2019, 147, 1-13.	. 3.1	6
189	Improved EGC method for increasing detection in cognitive radio networks. Computer Communications, 2019, 147, 127-137.	3.1	3
190	Pricing strategies of IoT wide area network service providers with complementary services inclu Journal of Network and Computer Applications, 2019, 147, 102426.	ded. 5.8	11
191	Urban Impervious Surface Detection From Remote Sensing Images: A review of the methods an challenges. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 64-93.	d 4.9	53
192	<p>Emerging medical applications based on non-ionizing electromagnetic fields from 0 Hz THz</p> . Medical Devices: Evidence and Research, 2019, Volume 12, 347-368.	to 10 0.4	41
193	Hybrid Clouds for Data-Intensive, 5G-Enabled IoT Applications: An Overview, Key Issues and Rele Architecture. Sensors, 2019, 19, 3591.	evant 2.1	36
194	Safety assessment of a concrete viaduct damaged by vehicle impact and an evaluation of the re Engineering Failure Analysis, 2019, 106, 104147.	pair. 1.8	18
195	Optimizing input data for training an artificial neural network used for evaluating defect depth i infrared thermographic nondestructive testing. Infrared Physics and Technology, 2019, 102, 10		19
196	Low-Power AES Data Encryption Architecture for a LoRaWAN. IEEE Access, 2019, 7, 146348-14	6357. 2.6	36
197	Neural-network-enhanced torque estimation control of a soft wearable exoskeleton for elbow assistance. Mechatronics, 2019, 63, 102279.	2.0	34
198	A novel nanohybrid of gold nanoparticles anchored copper sulfide nanosheets as sensitive sense nonenzymatic glucose detection. Colloids and Surfaces A: Physicochemical and Engineering Asp 2019, 582, 123936.		17
199	Compact wideband taperedâ€fed printed bowâ€tie antenna with rectangular edge extension. N and Optical Technology Letters, 2019, 61, 1394-1399.	licrowave 0.9	8

#	Article	IF	CITATIONS
200	New signal processing approach for structural health monitoring in noisy environments based on impedance measurements. Measurement: Journal of the International Measurement Confederation, 2019, 137, 155-167.	2.5	22
201	Self-Managed Strength Training for Active Duty Military With a Knee Injury: A Randomized Controlled Pilot Trial. Military Medicine, 2019, 184, e174-e183.	0.4	9
202	Developments in Rapid Detection Methods for the Detection of Foodborne Campylobacter in the United States. Frontiers in Microbiology, 2018, 9, 3280.	1.5	71
203	Strategy-Based Gain Ratio Power Allocation in Non-Orthogonal Multiple Access for Indoor Visible Light Communication Networks. IEEE Access, 2019, 7, 15250-15261.	2.6	20
204	Electrochemical paper-based microfluidic device for high throughput multiplexed analysis. Talanta, 2019, 203, 280-286.	2.9	72
205	Temporal-Spatial Nonlinear Filtering for Infrared Focal Plane Array Stripe Nonuniformity Correction. Symmetry, 2019, 11, 673.	1.1	4
206	An Optimized Clustering Communication Protocol Based on Intelligent Computing in Information-Centric Internet of Things. IEEE Access, 2019, 7, 28238-28249.	2.6	32
207	An Underdetermined Source Number Estimation Method for Non-Circular Targets Based on Sparse Array. IEEE Access, 2019, 7, 77944-77950.	2.6	5
208	Conjoint analysis of consumer preferences for dress design. International Journal of Clothing Science and Technology, 2019, 32, 73-84.	0.5	5
209	A Steganography Algorithm Based on CycleGAN for Covert Communication in the Internet of Things. IEEE Access, 2019, 7, 90574-90584.	2.6	21
210	Electrochemiluminescence study of AuNPs/CdTe-QDs/SWCNTs/chitosan nanocomposite modified carbon nanofiber screen-printed electrode with [Ru(bpy)3]2+/TPrA. Inorganic Chemistry Communication, 2019, 106, 54-60.	1.8	10
211	MDRMA: Multi-data rate mobility-aware AODV-based protocol for flying ad-hoc networks. Vehicular Communications, 2019, 18, 100163.	2.7	30
212	The Detection of the Pipe Crack Utilizing the Operational Modal Strain Identified from Fiber Bragg Grating. Sensors, 2019, 19, 2556.	2.1	17
213	Stimulation and Repair of Peripheral Nerves Using Bioadhesive Graftâ€Antenna. Advanced Science, 2019, 6, 1801212.	5.6	20
214	Practical Data Transmission Scheme for Wireless Sensor Networks in Heterogeneous IoT Environment. Wireless Personal Communications, 2019, 109, 505-519.	1.8	13
215	Application of polarized light compass system on solar position calculation. Optik, 2019, 187, 135-147.	1.4	6
216	Dual arm electrical transmission line robot: motion through straight and jumper cable. Automatika, 2019, 60, 207-226.	1.2	17
217	Long-range depth imaging using a single-photon detector array and non-local data fusion. Scientific Reports, 2019, 9, 8075.	1.6	46

#	Article	IF	CITATIONS
218	Deep Residual Network-Based Recognition of Finger Wrinkles Using Smartphone Camera. IEEE Access, 2019, 7, 71270-71285.	2.6	7
219	Pedestal subwavelength grating metamaterial waveguide ring resonator for ultra-sensitive label-free biosensing. Biosensors and Bioelectronics, 2019, 141, 111396.	5.3	32
220	A novel shearer cutting pattern recognition model with chaotic gravitational search optimization. Measurement: Journal of the International Measurement Confederation, 2019, 144, 225-233.	2.5	11
221	Microwave Imaging Algorithm for Detecting Brain Disorders. , 2019, , .		8
222	Implementation of Underwater Communication System powered by Solar Energy Harvesting. , 2019, , .		1
223	Graphene-Based Sensors for Human Health Monitoring. Frontiers in Chemistry, 2019, 7, 399.	1.8	218
224	An FBG based smart clamp for the detection of incipient clamp looseness in industrial piping system. Measurement: Journal of the International Measurement Confederation, 2019, 140, 416-426.	2.5	14
225	Real-time facial expression recognition using local appearance-based descriptors. Journal of Intelligent and Fuzzy Systems, 2019, 36, 5037-5049.	0.8	6
226	Two Dimensional Parameters Based Hand Gesture Recognition Algorithm for FMCW Radar Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 226-234.	0.2	2
227	Mobile Intelligent Computing in Internet of Things: An Optimized Data Gathering Method Based on Compressive Sensing. IEEE Access, 2019, 7, 66110-66122.	2.6	15
228	Super-resolution reconstruction of turbulent flows with machine learning. Journal of Fluid Mechanics, 2019, 870, 106-120.	1.4	356
229	Understanding the Brain Function and Emotions. Lecture Notes in Computer Science, 2019, , .	1.0	6
230	A Biomechanical Model Implementation for Upper-Limbs Rehabilitation Monitoring Using IMUs. Lecture Notes in Computer Science, 2019, , 351-362.	1.0	1
231	Spectral efficient pulse shape design for UWB communication with reduced ringing effect and performance evaluation for IEEE 802.15.4a channel. Wireless Networks, 2019, 25, 2723-2740.	2.0	11
232	Impact fault detection of gearbox based on variational mode decomposition and coupled underdamped stochastic resonance. ISA Transactions, 2019, 95, 320-329.	3.1	22
233	Analysis of the Narrow Band Internet of Things (NB-IoT) Technology. , 2019, , .		24
234	Deep Learning-Based Super-Resolution Reconstruction and Marker Detection for Drone Landing. IEEE Access, 2019, 7, 61639-61655.	2.6	30
235	Cobalt functionalized MoS2/carbon nanotubes scaffold for enzyme-free glucose detection with extremely low detection limit. Sensors and Actuators B: Chemical, 2019, 293, 122-128.	4.0	41

#	Article	IF	CITATIONS
236	The effects of chiropractic spinal manipulation on central processing of tonic pain - a pilot study using standardized low-resolution brain electromagnetic tomography (sLORETA). Scientific Reports, 2019, 9, 6925.	1.6	20
237	A New Approach for Wi-Fi-Based People Localization in a Long Narrow Space. Wireless Communications and Mobile Computing, 2019, 2019, 1-8.	0.8	2
238	Highly Enhanced Inductance Sensing Performance of Dual-Quartz Crystal Converter. Sensors, 2019, 19, 2188.	2.1	2
240	Hierarchical Coordinated Control Method of In-Wheel Motor Drive Electric Vehicle Based on Energy Optimization. World Electric Vehicle Journal, 2019, 10, 15.	1.6	3
241	Improving Wi-Fi Fingerprint Positioning with a Pose Recognition-Assisted SVM Algorithm. Remote Sensing, 2019, 11, 652.	1.8	19
242	Efficient double electrochemiluminescence quenching based label-free highly sensitive detection of haptoglobin on a novel nanocomposite modified carbon nanofibers interface. Sensing and Bio-Sensing Research, 2019, 24, 100284.	2.2	9
243	Relevance of carbon burial and storage in two contrasting blue carbon ecosystems of a north-east Pacific coastal lagoon. Science of the Total Environment, 2019, 675, 581-593.	3.9	22
244	Computer vision for automatic detection and classification of fabric defect employing deep learning algorithm. International Journal of Clothing Science and Technology, 2019, 31, 510-521.	0.5	57
245	Controlling interferences in smart building IoT networks using machine learning. International Journal of Sensor Networks, 2019, 30, 46.	0.2	5
246	How to Extend IndoorGML for Seamless Navigation Between Indoor and Outdoor Space. Lecture Notes in Computer Science, 2019, , 46-62.	1.0	5
247	Estimation of hourly land surface heat fluxes over the Tibetan Plateau by the combined use of geostationary and polar-orbiting satellites. Atmospheric Chemistry and Physics, 2019, 19, 5529-5541.	1.9	33
248	Energy-per-bit performance analysis of relay-based visible-light communication systems. Physical Communication, 2019, 35, 100699.	1.2	3
249	A modified split ring resonator based printed compact monopole UWB antenna with spiked elliptical radiator having five band rejection features. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21809.	0.8	1
250	A novel ECG signal compression method using spindle convolutional auto-encoder. Computer Methods and Programs in Biomedicine, 2019, 175, 139-150.	2.6	44
251	How can nutrition models increase the production efficiency of sheep and goat operations?. Animal Frontiers, 2019, 9, 33-44.	0.8	42
252	Availability of Cellular Systems Based on Space Domain. Wireless Personal Communications, 2019, 107, 1881-1910.	1.8	2
253	Synchrosqueezing transform based feature extraction from EEG signals for emotional state prediction. Biomedical Signal Processing and Control, 2019, 52, 152-161.	3.5	50
254	Response of TiO2/MWCNT/B2O3 gas sensor to hydrogen using different organic binder. Materials Science in Semiconductor Processing, 2019, 99, 140-148.	1.9	24

#	Article	IF	CITATIONS
255	ASN-ASAS SYMPOSIUM: FUTURE OF DATA ANALYTICS IN NUTRITION: Mathematical modeling in ruminant nutrition: approaches and paradigms, extant models, and thoughts for upcoming predictive analytics1,2. Journal of Animal Science, 2019, 97, 1921-1944.	0.2	53
256	A review on nanomaterial-modified optical fiber sensors for gases, vapors and ions. Mikrochimica Acta, 2019, 186, 253.	2.5	60
257	Identification of mine water inrush using laser-induced fluorescence spectroscopy combined with one-dimensional convolutional neural network. RSC Advances, 2019, 9, 7673-7679.	1.7	32
258	Simultaneous voltammetric immunodetection of alpha-fetoprotein and glypican-3 using a glassy carbon electrode modified with magnetite-conjugated dendrimers. Mikrochimica Acta, 2019, 186, 255.	2.5	25
259	A novel two-step noise reduction approach for interferometric phase images. Optics and Lasers in Engineering, 2019, 121, 1-10.	2.0	14
260	Deep Learning Method for Prediction of DDoS Attacks on Social Media. Advances in Data Science and Adaptive Analysis, 2019, 11, 1950002.	0.2	8
261	Change detection techniques for remote sensing applications: a survey. Earth Science Informatics, 2019, 12, 143-160.	1.6	215
262	Time-Varying Formation Tracking for Multiple UAVs with Nonholonomic Constraints and Input Quantization via Adaptive Backstepping Control. International Journal of Aeronautical and Space Sciences, 2019, 20, 710-721.	1.0	9
263	A big data framework for network security of small and medium enterprises for future computing. Journal of Supercomputing, 2019, 75, 3334-3367.	2.4	19
264	A novel amperometric sweat sensor approach through characterization of Hausmannite (Mn3O4) thin films. Materials Science in Semiconductor Processing, 2019, 98, 1-6.	1.9	10
265	A Spark-Based Parallel Fuzzy \$c\$ -Means Segmentation Algorithm for Agricultural Image Big Data. IEEE Access, 2019, 7, 42169-42180.	2.6	43
266	Remotely Access "My―Smart Home in Private: An Anti-Tracking Authentication and Key Agreement Scheme. IEEE Access, 2019, 7, 41835-41851.	2.6	34
267	Energy and Delay Aware Task Assignment Mechanism for UAV-Based IoT Platform. IEEE Internet of Things Journal, 2019, 6, 6523-6536.	5.5	99
268	Indirect Competitive Aptamer-Based Enzyme-Linked Immunosorbent Assay (apt-ELISA) for the Specific and Sensitive Detection of Isocarbophos Residues. Analytical Letters, 2019, 52, 1966-1975.	1.0	13
269	Detection of waterlogging stress based on hyperspectral images of oilseed rape leaves (Brassica napus) Tj ETQq	0 0 0 rgBT 3.7	Oygrlock 10
270	Graphene-based materials produced by graphite electrochemical exfoliation in acidic solutions: Application to Sunset Yellow voltammetric detection. Microchemical Journal, 2019, 147, 112-120.	2.3	30
271	Advanced biomedical applications of carbon nanotube. Materials Science and Engineering C, 2019, 100, 616-630.	3.8	176

272	Viability of biospeckle laser in mobile devices. Optik, 2019, 183, 897-905.	1.4	3

#	Article	IF	CITATIONS
273	A Review on the Application of Blockchain to the Next Generation of Cybersecure Industry 4.0 Smart Factories. IEEE Access, 2019, 7, 45201-45218.	2.6	217
274	Technological Architecture Based on Internet of Things to Monitor the Journeys of Artisanal Fishing. Advances in Intelligent Systems and Computing, 2019, , 24-33.	0.5	Ο
275	Distributed Ledger and Robust Consensus for Agreements. Lecture Notes in Computer Science, 2019, , 91-99.	1.0	0
276	Boosting palmprint identification with gender information using DeepNet. Future Generation Computer Systems, 2019, 99, 41-53.	4.9	27
277	Carbon-Based Materials for Humidity Sensing: A Short Review. Micromachines, 2019, 10, 232.	1.4	98
278	Characterisation of the activation and reaction behaviour and determination of the emissivity of reactive nickel-aluminium particles with regenerated fibre Bragg gratings. IOP Conference Series: Materials Science and Engineering, 2019, 480, 012024.	0.3	1
279	Differentially Private Top-k Items Based on Least Mean Square——Take E-Commerce Platforms for Example. Wuhan University Journal of Natural Sciences, 2019, 24, 98-106.	0.2	1
280	Localization of Energy Harvesting Empowered Underwater Optical Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2019, 18, 2652-2663.	6.1	59
281	Multifunctional behavior of acceptor-cation substitution at higher doping concentration in PZT ceramics. Ceramics International, 2019, 45, 12716-12726.	2.3	26
282	The effect of in-situ polymerization on PEDOT-PSS/PAN composite conductive fiber. IOP Conference Series: Earth and Environmental Science, 0, 218, 012161.	0.2	3
283	Electrical Tree in HTV Silicone Rubber With Temperature Gradient Under Repetitive Pulse Voltage. IEEE Access, 2019, 7, 41250-41260.	2.6	20
284	Fading-aligned OFDM with index modulation for mMTC services. Physical Communication, 2019, 35, 100680.	1.2	3
286	A Broadband Circularly Polarized Fabry-Perot Resonant Antenna Using A Single-Layered PRS for 5G MIMO Applications. IEEE Access, 2019, 7, 42897-42907.	2.6	147
287	A New Construction Framework for Polyphase Complete Complementary Codes With Various Lengths. IEEE Transactions on Signal Processing, 2019, 67, 2639-2648.	3.2	21
288	The generation of multiple electric and magnetic Fano resonances in the prefect ring-triple arcs ring nanostructure. Materials Research Express, 2019, 6, 075022.	0.8	1
289	Synthesis and characterization of nickel antimonate nanoparticles: sensing properties in propane and carbon monoxide. Journal of Materials Science: Materials in Electronics, 2019, 30, 6166-6177.	1.1	9
290	Biosensor signal improvement using current mirror topology for dissolved oxygen measurement. Measurement Science and Technology, 2019, 30, 065102.	1.4	9
291	Evaluation of WBSF, Color, Cooking Loss of Longissimus Lumborum Muscle with Fiber Optic Near-Infrared Spectroscopy (FT-NIR), Depending on Aging Time. Molecules, 2019, 24, 757.	1.7	12

#	Article	IF	CITATIONS
292	Congestion avoidance through fog computing in internet of vehicles. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3863-3877.	3.3	36
293	A Stable SINS/UWB Integrated Positioning Method of Shearer Based on the Multi-Model Intelligent Switching Algorithm. IEEE Access, 2019, 7, 29128-29138.	2.6	18
294	The application of a handheld mid-infrared spectrometry for rapid measurement of oil contamination in agricultural sites. Science of the Total Environment, 2019, 665, 253-261.	3.9	7
296	Investigation of wireless sensor node power consumption profile powered by heterogeneous hybrid energy harvesters with EPDD management algorithm. International Journal of Electronics, 2019, 106, 1264-1280.	0.9	2
297	Route towards sustainable smart sensors: ferroelectric polyvinylidene fluoride-based materials and their integration in flexible electronics. Chemical Society Reviews, 2019, 48, 1787-1825.	18.7	226
298	A domain association hierarchical decomposition optimization method for cab vibration control of commercial vehicles. Measurement: Journal of the International Measurement Confederation, 2019, 138, 497-513.	2.5	13
299	MCA-V2I: A Multi-hop Clustering Approach over Vehicle-to-Internet communication for improving VANETs performances. Future Generation Computer Systems, 2019, 96, 309-323.	4.9	58
300	Simultaneous Extraction and Determination of Allura Red (E129) and Brilliant Blue FCF (E133) in Foodstuffs by Column Solid-Phase Spectrophotometry. Journal of AOAC INTERNATIONAL, 2019, 102, 181-188.	0.7	22
301	Production data analysis system using novel process capability indices-based circular economy. Industrial Management and Data Systems, 2019, 119, 1655-1668.	2.2	46
302	Cochlear-like PVDF US Sensor. , 2019, , .		1
303	Method and Algorithm for Calibration Accuracy Evaluation of Uncooled Thermo-Visual Infrared Sensors. , 2019, , .		0
304	Development of Octo-Rotor UAV Prototype with Night-vision Stereo Camera System Used for Nighttime Visual Inspection. , 2019, , .		1
305	Improving maintenance management practices on green building projects. Management of Environmental Quality, 2019, 31, 803-817.	2.2	11
306	Influence of MVC on Temporal and Spectral Features of Simulated Surface Electromyographic Signals. Critical Reviews in Biomedical Engineering, 2019, 47, 409-418.	0.5	1
307	CLASSIFICATION OF SPINAL POSTURES DURING CROSS-LEGGED SITTING ON THE FLOOR. Journal of Mechanics in Medicine and Biology, 2019, 19, 1940056.	0.3	0
308	Enabling the Mobile IoT: Wake-up Unmanned Aerial Systems for Long-Lived Data Collection. , 2019, , .		4
309	A magnetic frequency mixing sensor for mechanical properties measurement of ferromagnetic material. Measurement: Sensors, 2019, 5-6, 100013.	1.3	0
310	INS aided High Dynamic Single-Satellite Position Algorithm. , 2019, , .		3

#	Article	IF	CITATIONS
311	Implementation of high frequency electronic circuit experimental Teaching Reform. , 2019, , .		0
312	Technological Support for the needs of personalized training. , 2019, , .		1
313	LCBPA: two-stage task allocation algorithm for high-dimension data collecting in mobile crowd sensing network. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	3
314	Quantification of Multiple Gases Mixture Based on Fuzzy Partition and Model Ensemble. , 2019, , .		0
315	Encoding Space to Count Multi-Targets with Multiplexed Binary Infrared Sensors. , 2019, , .		2
316	Effectiveness of Centering Devices of Geomatics Instruments. Procedia Manufacturing, 2019, 41, 437-444.	1.9	1
317	Provisioning of UE Behavior Prognostic by Multiaccess Edge Computing. , 2019, , .		0
318	Study on Various Simple Power Tracking Methods for Thermoelectric Generator. , 2019, , .		0
319	Automatic Vehicle Counting Using Raspberry pi and Background Subtractions Method in The Sidoarjo Toll Road. , 2019, , .		6
320	IoT Based Interface Device for Automatic Molding Machine towards SMART FOUNDRY-2020. , 2019, , .		2
321	Numerical Modeling to evaluate the performance of FBG-based Strain Sensors. , 2019, , .		0
322	Intelligent data cache based on content popularity and user location for Content Centric Networks. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	9
323	A Model of Dynamic Error Within Inertial Impacts. , 2019, , .		4
324	A Compact Dual-Band Circular Monopole Antenna with Partial Ground Plane for 2.45/5.5 GHz WLAN Applications. , 2019, , .		1
325	Unified Multi-channel Spectrum-sliced WDM-PON Transmission System with Embedded FBG Sensors Network. , 2019, , .		4
326	Optical and Morphological Properties of ZnO Nanostructure by Coating Aluminium and Plasmonic Material. Journal of Physics: Conference Series, 2019, 1351, 012020.	0.3	0
327	GIS-based models for transport network emergency management. Journal of Physics: Conference Series, 2019, 1353, 012009.	0.3	0
328	Analysis and parameter estimation of time-varying signals: theory and methods. Journal of Physics: Conference Series, 2019, 1367, 012091.	0.3	1

#	ARTICLE	IF	CITATIONS
329	A Heart Rate Measuring Trainer Kit as a Medical Electronics Practice Learning Media. Journal of Physics: Conference Series, 2019, 1413, 012004.	0.3	1
330	SenseBack $\hat{a} \in $ Implant considerations for an implantable neural stimulation and recording device. , 2019, , .		5
331	RMA-RP: A Reliable Mobility-Aware Routing Protocol for Industrial IoT Networks. , 2019, , .		6
332	Sensitivity Enhanced Surface Plasmon Resonance (SPR) Sensors with MoS ₂ /Graphene Hybrid Overlayer. , 2019, , .		1
333	Comparing CNN and Human Crafted Features for Human Activity Recognition. , 2019, , .		11
334	Investigation of an Experimental Laser Sensor-Guided Spray Control System for Greenhouse Variable-Rate Applications. Transactions of the ASABE, 2019, 62, 899-911.	1.1	7
335	Cup anemometer measurement errors due to problems in the output signal generator system. Flow Measurement and Instrumentation, 2019, 69, 101621.	1.0	8
336	Novel strong tracking squareâ€root cubature kalman filter for GNSS/INS integrated navigation system. IET Radar, Sonar and Navigation, 2019, 13, 976-982.	0.9	10
337	Passive thermo-elastic behaviour of surface enhanced glass-epoxy composites with spray coated graphene nanoplatelets (GNP). Materials Research Express, 2019, 6, 125044.	0.8	4
338	Semisupervised Bayesian Gaussian Mixture Models for Non-Gaussian Soft Sensor. IEEE Transactions on Cybernetics, 2021, 51, 3455-3468.	6.2	17
339	Image Acquisition of Power Line Transmission Towers Using UAV and Deep Learning Technique for Insulators Localization and Recognition. , 2019, , .		13
340	Results of Researches of Metrological Characteristics of Analog Temperature Sensors. , 2019, , .		1
341	A Review on Deep Learning Applications in Prognostics and Health Management. IEEE Access, 2019, 7, 162415-162438.	2.6	129
342	A Sea Rescue Operation System Based On LoRa. , 2019, , .		7
343	Simultaneous measurement of temperature and pressure based on Fabry Perot and Antiresonant mechanisms. , 2019, , .		0
344	Multi-security-level cloud storage system based on improved proxy re-encryption. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	12
345	Addressing the practicalities of anodic stripping voltammetry for heavy metal detection: a tutorial review. Analyst, The, 2019, 144, 6834-6849.	1.7	132
346	Vision-Based Real-Time Obstacle Segmentation Algorithm for Autonomous Surface Vehicle. IEEE Access, 2019, 7, 179420-179428.	2.6	29

#	Article	IF	CITATIONS
347	A Microassembled Triangular-Prism-Shape Three-Dimensional Electric Field Sensor. , 2019, , .		2
348	A Probability-Based Multimetric Routing Protocol for Vehicular Ad Hoc Networks in Urban Scenarios. IEEE Access, 2019, 7, 178020-178032.	2.6	12
349	Adaptive switching gain sliding mode control for speed regulation in PMSMs. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 3208-3218.	0.9	0
350	Development of shrinkage model of micro structured vitreous carbon mold for glass molding. Journal of Mechanical Science and Technology, 2019, 33, 5747-5752.	0.7	4
351	A model of the dynamic error in the devices for measuring moving objects parameters. AIP Conference Proceedings, 2019, , .	0.3	5
352	Design and Manufacture of a Low-Cost Data Acquisition Based Measurement System for Dual Fuel Engine Researches. IOP Conference Series: Materials Science and Engineering, 2019, 598, 012031.	0.3	3
353	NOMA-based Integrated Satellite-Terrestrial Multi-relay Networks with Hardware Impairments and Partial Relay Selection Scheme. , 2019, , .		8
354	Cane with Millimeter Wave Radar for Base of Support Measurement. , 2019, , .		2
355	Machine learning driven non-invasive approach of water content estimation in living plant leaves using terahertz waves. Plant Methods, 2019, 15, 138.	1.9	30
356	Depth-Camera Calibration Optimization Method Based on Homography Matrix. , 2019, , .		3
357	CEEMDAN-Based Permutation Entropy: A Suitable Feature for the Fault Identification of Spiral-Bevel Gears. Shock and Vibration, 2019, 2019, 1-13.	0.3	12
358	Low-cost Fourier ghost imaging using a light-dependent resistor. American Journal of Physics, 2019, 87, 976-981.	0.3	2
359	Accumulative Display Updating for Intermittent Systems. Transactions on Embedded Computing Systems, 2019, 18, 1-22.	2.1	11
360	Polynomial-Based Google Map Graphical Password System against Shoulder-Surfing Attacks in Cloud Environment. Complexity, 2019, 2019, 1-8.	0.9	34
361	Accuracy-Aware Service Recommendation with Privacy. , 2019, , .		0
362	Machine Learning Algorithms for Short-Term Load Forecast in Residential Buildings Using Smart Meters, Sensors and Big Data Solutions. IEEE Access, 2019, 7, 177874-177889.	2.6	61
363	A Tiled C-Band Dual-Polarized 1-Bit Transmitarray. , 2019, , .		2
364	Luminescence of nanoporous anodic oxide obtained from rare earth doped aluminum. AIP Conference Proceedings, 2019, , .	0.3	1

#	ARTICLE	IF	CITATIONS
365	The performance of using an autoencoder for prediction and susceptibility assessment of landslides: A case study on landslides triggered by the 2018 Hokkaido Eastern Iburi earthquake in Japan. Geoenvironmental Disasters, 2019, 6, .	1.8	14
366	Dynamic surface control of bellows-driven ultra-precision positioning system based on nonlinear extended state observer. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2019, 13, JAMDSM0086-JAMDSM0086.	0.3	0
367	Health Indicator Extraction for Electro-Mechanical Actuator with CHMM. , 2019, , .		2
368	Automatic near-infrared hyperspectral image analysis of copper concentrates. IFAC-PapersOnLine, 2019, 52, 94-98.	0.5	6
369	Strategies to digitalize inert health practices: The gamification of glucose monitoring. IT - Information Technology, 2019, 61, 231-241.	0.6	4
370	Channel state information based efficient database construction for indoor localisation. Journal of Engineering, 2019, 2019, 5355-5364.	0.6	1
371	Magnetostriction in ferrogels based on physical and chemical networking with embedded strontium hexaferrite particles. Journal of Physics: Conference Series, 2019, 1389, 012057.	0.3	2
372	Prototype of a urban farming irrigation control lab. , 2019, , .		1
373	Directional mobile charging method for mine Internet of things. IET Communications, 2019, 13, 3285-3293.	1.5	5
374	Assessment of the optimal spectral bands for designing a sensor for vineyard disease detection: the case of â€ Flavescence dorée'. Precision Agriculture, 2019, 20, 398-422.	3.1	31
375	Joint impacts of hardware impairments, imperfect CSIs, and interference constraints on underlay cooperative cognitive networks with reactive relay selection. Telecommunication Systems, 2019, 71, 65-76.	1.6	9
376	Scattering from a fractal–fractal rough interface using perturbation theory. Optik, 2019, 178, 14-24.	1.4	3
377	A review of information centric network-based internet of things: communication architectures, design issues, and research opportunities. Multimedia Tools and Applications, 2019, 78, 30241-30256.	2.6	41
378	The Internet of Things: A Review of Enabled Technologies and Future Challenges. IEEE Access, 2019, 7, 7606-7640.	2.6	152
379	Development of an SEMG-Handgrip Force Model Based on Cross Model Selection. IEEE Sensors Journal, 2019, 19, 1829-1838.	2.4	7
380	Classification of damages in composite images using Zernike moments and support vector machines. Composites Part B: Engineering, 2019, 168, 77-86.	5.9	32
381	Secure and flexible keyword search over encrypted data with outsourced decryption in Internet of things. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 413-421.	1.6	3
382	The effect of antenna polarization and body morphology on the measurement uncertainty of a wearable multi-band distributed exposure meter. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 67-77.	1.6	5

#	Article	IF	CITATIONS
383	Characterization and Optimization of Level Measurement by an Ultrasonic Sensor System. IEEE Sensors Journal, 2019, 19, 3077-3084.	2.4	29
384	Pipeline–Soil Separation Model for Natural Gas Pipelines Subjected to Parabolic Driving Force. Journal of Pipeline Systems Engineering and Practice, 2019, 10, 04018028.	0.9	3
385	Anhysteretic magnetic reversal of meander-shaped spin valve with synthetic antiferromagnet. Sensors and Actuators A: Physical, 2019, 285, 73-79.	2.0	3
386	Anti-disturbance speed control of low-speed high-torque PMSM based on second-order non-singular terminal sliding mode load observer. ISA Transactions, 2019, 88, 142-152.	3.1	63
388	Oxygen adsorption on ZrO2-loaded SnO2 gas sensors in humid atmosphere. Journal of Materials Science, 2019, 54, 3135-3143.	1.7	16
389	Energy Efficient Solutions in Wireless Sensor Systems for Water Quality Monitoring: A Review. IEEE Sensors Journal, 2019, 19, 1596-1625.	2.4	67
390	Fabrication and Characterization of Single-Step Optical Microfiber Mach–Zehnder Interferometer Refractive Index Sensors. IEEE Sensors Journal, 2019, 19, 1788-1793.	2.4	15
392	Design of a microwave sensor for measurement of water in fuel contamination. Measurement: Journal of the International Measurement Confederation, 2019, 136, 74-81.	2.5	26
393	Material classification with laser thermography and machine learning. Quantitative InfraRed Thermography Journal, 2019, 16, 181-202.	2.1	10
394	Time-dependent slope stability during intense rainfall with stratified soil water content. Bulletin of Engineering Geology and the Environment, 2019, 78, 4805-4819.	1.6	25
395	Efficient and privacy-preserving traceable attribute-based encryption in blockchain. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 401-411.	1.6	68
396	Highly selective and sensitive O2 plasma treated sputtered thin film sensor for sub-ppm level NH3 detection at room temperature. Journal of Materials Science: Materials in Electronics, 2019, 30, 3144-3155.	1.1	4
397	Developing a Beacon-Based Location System Using Bluetooth Low Energy Location Fingerprinting for Smart Home Device Management. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 235-244.	0.2	4
398	Intersections between IoT and distributed ledger. Advances in Computers, 2019, , 73-113.	1.2	33
399	Plasmonic biosensors for bacterial endotoxin detection on biomimetic C-18 supported fiber optic probes. Biosensors and Bioelectronics, 2019, 129, 79-86.	5.3	47
400	FRED-Net: Fully residual encoder–decoder network for accurate iris segmentation. Expert Systems With Applications, 2019, 122, 217-241.	4.4	60
401	Weak fault diagnosis of rolling bearing under variable speed condition using IEWT-based enhanced envelope order spectrum. Measurement Science and Technology, 2019, 30, 035003.	1.4	19
402	Distinguish computer generated and digital images: A CNN solution. Concurrency Computation Practice and Experience, 2019, 31, e4788.	1.4	11

#	Article	IF	CITATIONS
403	A survey on location privacy protection in Wireless Sensor Networks. Journal of Network and Computer Applications, 2019, 125, 93-114.	5.8	56
404	Angular rate estimation and damping control of satellite with magnetometer data. Optik, 2019, 180, 1049-1055.	1.4	6
405	A new method using the convolutional neural network with compressive sensing for fabric defect classification based on small sample sizes. Textile Reseach Journal, 2019, 89, 3539-3555.	1.1	59
406	The enhancement of humidity sensing performance based on Eu-doped ZnO. Current Applied Physics, 2019, 19, 82-88.	1.1	35
407	A simple route for the preparation of nanostructured GdCoO3 via the solution method, as well as its characterization and its response to certain gases. Results in Physics, 2019, 12, 475-483.	2.0	20
408	Determination of progesterone in saliva using an electrochemical immunosensor and a COTS-based portable potentiostat. Analytica Chimica Acta, 2019, 1049, 65-73.	2.6	38
409	Crowdsourcing Analysis in 5G IoT: Cybersecurity Threats and Mitigation. Mobile Networks and Applications, 2019, 24, 881-889.	2.2	13
410	Zone-based dual sub sink for network lifetime maximization in wireless sensor network. Cluster Computing, 2019, 22, 15273-15283.	3.5	9
411	Fault Prediction via Symptom Pattern Extraction Using the Discretized State Vectors of Multisensor Signals. IEEE Transactions on Industrial Informatics, 2019, 15, 922-931.	7.2	13
413	Tomographic Approach for Universal Tactile Imaging With Electromechanically Coupled Conductors. IEEE Transactions on Industrial Electronics, 2020, 67, 627-636.	5.2	18
414	Variable input observer for nonstationary high-rate dynamic systems. Neural Computing and Applications, 2020, 32, 5015-5026.	3.2	15
415	An adaptive QoS computation for medical data processing in intelligent healthcare applications. Neural Computing and Applications, 2020, 32, 723-734.	3.2	46
417	Online Estimation of the State of Health of a Rechargeable Battery Through Distal Learning of a Fuzzy Model. Advances in Intelligent Systems and Computing, 2020, , 68-77.	0.5	0
418	An immune clone selection based power control strategy for alleviating energy hole problems in wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 2505-2518.	3.3	9
419	Challenges and Issues of ICT in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 259-269.	0.3	15
420	A deep learning approach to automatic road surface monitoring and pothole detection. Personal and Ubiquitous Computing, 2020, 24, 519-534.	1.9	72
421	Throughput Analysis of Power Beacon-Aided Multi-hop Relaying Networks Employing Non-orthogonal Multiple Access with Hardware Impairments. Lecture Notes in Electrical Engineering, 2020, , 371-381.	0.3	2
422	Magnetic Induction Measurements as an Example of Evaluating Uncertainty of a Vector Output Quantity. Advances in Intelligent Systems and Computing, 2020, , 551-559.	0.5	0

#	Article	IF	CITATIONS
423	Advanced Applications of Blockchain Technology. Studies in Big Data, 2020, , .	0.8	22
424	Development of the simultaneous colorimetric enzymatic detection of sucrose, fructose and glucose using a microfluidic paper-based analytical device. Talanta, 2020, 207, 120302.	2.9	51
425	SVM-based image partitioning for vision recognition of AGV guide paths under complex illumination conditions. Robotics and Computer-Integrated Manufacturing, 2020, 61, 101856.	6.1	21
426	A privacy-preserving image retrieval method based on deep learning and adaptive weighted fusion. Journal of Real-Time Image Processing, 2020, 17, 161-173.	2.2	16
427	Occupancy detection systems for indoor environments: A survey of approaches and methods. Indoor and Built Environment, 2020, 29, 1053-1069.	1.5	41
428	OR-Skip-Net: Outer residual skip network for skin segmentation in non-ideal situations. Expert Systems With Applications, 2020, 141, 112922.	4.4	25
429	Orientation-Aided Stochastic Magnetic Matching for Indoor Localization. IEEE Sensors Journal, 2020, 20, 1003-1010.	2.4	10
430	Computerized approach for cardiovascular risk level detection using photoplethysmography signals. Measurement: Journal of the International Measurement Confederation, 2020, 150, 107048.	2.5	19
431	Sentiment Analysis in Children with Neurodevelopmental Disorders in an Ingroup/Outgroup Setting. Journal of Autism and Developmental Disorders, 2020, 50, 162-170.	1.7	5
432	Computer vision technology in agricultural automation —A review. Information Processing in Agriculture, 2020, 7, 1-19.	2.9	233
433	Long-term and seasonal displacements inferred from the regional GPS coordinate time series: case study in Central China Hefei City. Earth Science Informatics, 2020, 13, 71-81.	1.6	2
434	Sensors in Water Pollutants Monitoring: Role of Material. Advanced Functional Materials and Sensors, 2020, , .	1.2	30
435	Development of Molecularly Imprinted 2D Photonic Crystal Hydrogel Sensor for Detection of L-Kynurenine in Human Serum. Talanta, 2020, 208, 120403.	2.9	40
436	Toward optimal participant decisions with voting-based incentive model for crowd sensing. Information Sciences, 2020, 512, 1-17.	4.0	65
437	Trends in nano-inspired biosensors for plants. Materials Science for Energy Technologies, 2020, 3, 255-273.	1.0	40
438	Application of a smartphone based spectrophotometer for rapid in-field determination of nitrite and chlorine in environmental water samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117672.	2.0	23
439	SVM ensembles for named entity disambiguation. Computing (Vienna/New York), 2020, 102, 1051-1076.	3.2	15
440	Betaâ€lactoglobulin Electrochemical Detection Based with an Innovative Platform Based on Composite Polymer. Electroanalysis, 2020, 32, 217-225.	1.5	28

#	Article	IF	CITATIONS
441	Hand-Held Magnetic Field Meter Based on Colossal Magnetoresistance-B-Scalar Sensor. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2808-2816.	2.4	7
442	Rapid Early Fire Smoke Detection System Using Slope Fitting in Video Image Histogram. Fire Technology, 2020, 56, 695-714.	1.5	11
443	Dynamic multifoveated structure for real-time vision tasks in robotic systems. Journal of Real-Time Image Processing, 2020, 17, 1403-1419.	2.2	3
444	Unsupervised fabric defect detection based on a deep convolutional generative adversarial network. Textile Reseach Journal, 2020, 90, 247-270.	1.1	101
445	Big data analytics for manufacturing internet of things: opportunities, challenges and enabling technologies. Enterprise Information Systems, 2020, 14, 1279-1303.	3.3	169
446	Design and Implementation of Cloud Service System Based on Face Recognition. Advances in Intelligent Systems and Computing, 2020, , 629-636.	0.5	1
447	Computer-aided diagnosis (CAD) system based on multi-layer feature fusion network for skin lesion recognition in dermoscopy images. Multimedia Tools and Applications, 2020, 79, 20483-20518.	2.6	82
448	An efficient hierarchical clustering protocol for multihop Internet of vehicles communication. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3690.	2.6	82
449	Resource oriented topology construction to ensure high reliability in IoT based smart city networks. International Journal of Systems Assurance Engineering and Management, 2020, 11, 798-805.	1.5	9
450	A comprehensive survey on enhancements and limitations of the RPL protocol: A focus on the objective function. Ad Hoc Networks, 2020, 96, 102001.	3.4	72
451	Recent Advances and Future Directions on Underwater Wireless Communications. Archives of Computational Methods in Engineering, 2020, 27, 1379-1412.	6.0	116
452	An adaptive second-order sliding-mode observer for permanent magnet synchronous motor with an improved phase-locked loop structure considering speed reverse. Transactions of the Institute of Measurement and Control, 2020, 42, 1008-1021.	1.1	14
453	A hybrid localization model using node segmentation and improved particle swarm optimization with obstacle-awareness for wireless sensor networks. Expert Systems With Applications, 2020, 143, 113044.	4.4	48
454	Breath Acetone Sensors as Non-Invasive Health Monitoring Systems: A Review. IEEE Sensors Journal, 2020, 20, 5-31.	2.4	65
455	Investigation on the net cascade using Ant Colony optimization algorithm. Progress in Nuclear Energy, 2020, 119, 103169.	1.3	19
456	Selection of Features and Classifiers for EMG-EEG-Based Upper Limb Assistive Devices—A Review. IEEE Reviews in Biomedical Engineering, 2020, 13, 248-260.	13.1	38
457	A survey of deep learning techniques for autonomous driving. Journal of Field Robotics, 2020, 37, 362-386.	3.2	771
458	On improved DFT-based low-complexity channel estimation algorithms for LTE-based uplink NB-IoT systems. Computer Communications, 2020, 149, 214-224.	3.1	10

#	Article	IF	CITATIONS
459	A QoS-Aware Data Collection Protocol for LLNs in Fog-Enabled Internet of Things. IEEE Transactions on Network and Service Management, 2020, 17, 430-444.	3.2	14
460	Modelling and simulation of secure energy aware fog sensing systems. Simulation Modelling Practice and Theory, 2020, 101, 102011.	2.2	9
461	Multivariable oxygen sensing based on photoluminescence and photoconductivity of TiO2 nanoparticles. Sensors and Actuators B: Chemical, 2020, 303, 127236.	4.0	6
462	Priority based IEEE 802.15.4 MAC by varying GTS to satisfy heterogeneous traffic in healthcare application. Wireless Networks, 2020, 26, 2287-2304.	2.0	6
463	Blind extraction of fetal and maternal components from the abdominal electrocardiogram: An ICA implementation for low-dimensional recordings. Biomedical Signal Processing and Control, 2020, 58, 101836.	3.5	14
464	Poly (propylene imine) dendrimer: A potential nanomaterial for electrochemical application. Materials Chemistry and Physics, 2020, 244, 122641.	2.0	40
465	Oil palm mapping over Peninsular Malaysia using Google Earth Engine and machine learning algorithms. Remote Sensing Applications: Society and Environment, 2020, 17, 100287.	0.8	29
466	Experimental investigation of the impact of a destination promotional video with physiological and self-reported measures. Tourism Management Perspectives, 2020, 33, 100625.	3.2	27
467	Formation Tracking for Nonlinear Multi-agent Systems with Input and Output Quantization via Adaptive Output Feedback Control. Journal of Systems Science and Complexity, 2020, 33, 401-425.	1.6	12
468	Accelerated multiobjective design of miniaturized microwave components by means of nested kriging surrogates. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22124.	0.8	21
469	Estimation of crack width based on shapeâ€sensitive kernels and semantic segmentation. Structural Control and Health Monitoring, 2020, 27, e2504.	1.9	42
470	User behavior and user experience analysis for social network services. Wireless Networks, 2020, 27, 3613.	2.0	9
471	Evaluation of an Immersive Virtual Reality Safety Training Used to Teach Pedestrian Skills to Children With Autism Spectrum Disorder. Behavior Analysis in Practice, 2020, 13, 631-640.	1.5	37
472	Streptavidin Homologues for Applications on Solid Surfaces at High Temperatures. Langmuir, 2020, 36, 628-636.	1.6	8
473	Facile one-step targeted immobilization of an enzyme based on silane emulsion self-assembled molecularly imprinted polymers for visual sensors. Analyst, The, 2020, 145, 268-276.	1.7	20
474	Measuring biomechanical loads in team sports – from lab to field. Science and Medicine in Football, 2020, 4, 246-252.	1.0	61
475	Performance analysis of nonâ€orthogonal multiple access basedâ€satellite communication networks with hardware impairments and channel estimations. Electronics Letters, 2020, 56, 52-55.	0.5	8
476	Allotrope carbon materials in thermal interface materials and fuel cell applications: A review. International Journal of Energy Research, 2020, 44, 2471-2498.	2.2	32

ARTICLE IF CITATIONS # Dam monitoring data analysis methods: A literature review. Structural Control and Health 1.9 58 477 Monitoring, 2020, 27, e2501. Robust mixed source localization in WSN using swarm intelligence algorithms., 2020, 98, 102651. A new formulation of multinodal short-term load forecasting based on adaptive resonance theory 479 2.1 8 with reverse training. Electric Power Systems Research, 2020, 179, 106096. Is a pixel worth 1000 words? Critical remote sensing and China's Belt and Road Initiative. Political 480 Geography, 2020, 78, 102127. A comprehensive review of Thermoelectric Generators: Technologies and common applications. 481 2.5 439 Energy Reports, 2020, 6, 264-287. Group sparse structure and elastic-net regularization for compressive sensing of pulse-type physiological signals. Biomedical Signal Processing and Control, 2020, 57, 101685. 3.5 A Survey on Fusion-Based Indoor Positioning. IEEE Communications Surveys and Tutorials, 2020, 22, 483 24.8 149 566-594. Collaborative filtering and association rule miningâ€based market basket recommendation on spark. 484 1.4 Concurrency Computation Practice and Experience, 2020, 32, e5565. Analysis of red wines using an electronic tongue and infrared spectroscopy. Correlations with 485 2.5 37 phenolic content and color parameters. LWT - Food Science and Technology, 2020, 118, 108785. Broadband dual-polarized dipole antenna for LTE/5G base station applications. Electromagnetics, 2020, 40, 13-22. Historical human activities accelerated climate-driven desertification in China's Mu Us Desert. Science 487 3.9 18 of the Total Environment, 2020, 708, 134771. A singular spectrum analysis-based model-free electrocardiogram denoising technique. Computer 488 2.6 Methods and Programs in Biomedicine, 2020, 188, 105304. Smart Collaborative Tracking for Ubiquitous Power IoT in Edge-Cloud Interplay Domain. IEEE Internet 489 5.5 108 of Things Journal, 2020, 7, 6046-6055. A Review on Prognostics Methods for Engineering Systems. IEEE Transactions on Reliability, 2020, 69, 490 3.5 84 1110-1129. Development of a Hardware Circuit for Real-Time Acquisition of Brain Activity Using NI myDAQ. 491 1.0 0 Journal of Circuits, Systems and Computers, 2020, 29, 2050170. Deep learning approach on channel selection strategy for minimizing co-channel interference in unlicensed channels. Microelectronics Reliability, 2020, 105, 113558. 493 Uncertainty model for a traceable stereo-photogrammetry system. Precision Engineering, 2020, 63, 1-9. 1.8 16 Monitoring of air voids at plastic-metal interfaces by terahertz radiation. Infrared Physics and 494 1.3 Technology, 2020, 104, 103119.

#	Article	IF	CITATIONS
495	Surface Enhanced Raman Spectroscopy for Molecular Identification- a Review on Surface Plasmon Resonance (SPR) and Localised Surface Plasmon Resonance (LSPR) in Optical Nanobiosensing. Croatica Chemica Acta, 2020, 92, 479-494.	0.1	13
496	QoE Management of Multimedia Streaming Services in Future Networks: A Tutorial and Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 526-565.	24.8	125
497	Characteristics of the cloud enhancement phenomenon and PV power plants. Solar Energy, 2020, 196, 137-145.	2.9	30
498	A High Temperature Sensor Based on Sapphire Fiber Fabry-Perot Interferometer. IEEE Photonics Technology Letters, 2020, 32, 89-92.	1.3	42
499	Integral-Type Sliding-Mode Control for a Class of Mechatronic Systems With Gain Adaptation. IEEE Transactions on Industrial Informatics, 2020, 16, 5357-5368.	7.2	38
500	Virtual Drive Testing Over-the-Air for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 1203-1213.	3.9	11
501	Adaptive MAC Protocol for Solar Energy Harvesting Based Wireless Sensor Networks in Agriculture. Wireless Personal Communications, 2020, 111, 2263-2285.	1.8	8
502	Design, Modeling, and Evaluation of a Compact and Lightweight Needle End-effector with Simple Force-feedback Implementation for Robotic CT-guided Needle Interventions. International Journal of Control, Automation and Systems, 2020, 18, 85-101.	1.6	5
503	Application and assessment of internet of things toward the sustainability of energy systems: Challenges and issues. Sustainable Cities and Society, 2020, 53, 101957.	5.1	89
504	Enhanced low-level acetone detection by zinc/tin bi-metallic oxides nanocomposite with long-term stability. Journal of Materials Science: Materials in Electronics, 2020, 31, 920-929.	1.1	3
505	Integrated WiFi/MEMS Indoor Navigation Based on Searching Space Limiting and Self-calibration. Arabian Journal for Science and Engineering, 2020, 45, 3015-3024.	1.7	5
506	Advances in Communication, Signal Processing, VLSI, and Embedded Systems. Lecture Notes in Electrical Engineering, 2020, , .	0.3	1
507	Detection of interferences in an additive manufacturing process: an experimental study integrating methods of feature selection and machine learning. International Journal of Production Research, 2020, 58, 2862-2884.	4.9	21
508	Thermal and chemical enhanced recovery of heavy chlorinated organic compounds in saturated porous media: 1D cell drainage-imbibition experiments. Science of the Total Environment, 2020, 706, 135758.	3.9	19
509	Smart-Contract-Based Economical Platooning in Blockchain-Enabled Urban Internet of Vehicles. IEEE Transactions on Industrial Informatics, 2020, 16, 4122-4133.	7.2	66
510	Advances and Emerging Challenges in Cognitive Internet-of-Things. IEEE Transactions on Industrial Informatics, 2020, 16, 5489-5496.	7.2	61
511	Novel Assembled Sensorized Glove Platform for Comprehensive Hand Function Assessment by Using Inertial Sensors and Force Sensing Resistors. IEEE Sensors Journal, 2020, 20, 3379-3389.	2.4	26
512	A Forward Collision Warning System Using Driving Intention Recognition of the Front Vehicle and V2V Communication. IEEE Access, 2020, 8, 11268-11278.	2.6	38

#	Article	IF	CITATIONS
513	A Method for Real-Time Decimeter Solutions Over Long Baseline With BDS Triple-Frequency Signals. IEEE Sensors Journal, 2020, 20, 3151-3161.	2.4	0
514	SDN-Based Secure Application Admission and Execution for Many-Cores. IEEE Access, 2020, 8, 177296-177306.	2.6	4
515	Aerodynamic Measurement of the Rotor Blade for Aviation Application. , 2020, , .		4
516	Multiple-objective Management based on a Distributed SDN Architecture for Many-cores. , 2020, , .		1
517	Robust Student's T Distribution Based PHD/CPHD Filter for Multiple Targets Tracking Using Variational Bayesian Approach. Radioengineering, 2020, 29, 529-539.	0.3	2
518	Three-Tier Architecture Supporting QoS Multimedia Routing in Cloud-Assisted MANET with 5G Communication (TCM5G). Mobile Networks and Applications, 2020, 25, 2206-2225.	2.2	7
519	Thin film NiO/BaTiO3/ZnO heterojunction diode-based UVC photodetectors. Superlattices and Microstructures, 2020, 147, 106690.	1.4	14
520	The Merits of a Decentralized Pollution-Monitoring System Based on Distributed Ledger Technology. IEEE Access, 2020, 8, 189365-189381.	2.6	13
521	A Geometrical Approach based on 4D Grids for Conflict Management of Multiple UAVs operating in U-space. , 2020, , .		6
522	Artificial intelligence-based vehicular traffic flow prediction methods for supporting intelligent transportation systems. Computer Networks, 2020, 182, 107484.	3.2	86
523	Cure monitoring and structural health monitoring of composites using micro-braided distributed optical fibre. Composite Structures, 2020, 254, 112861.	3.1	33
524	Coverage Regions Under Multi-Slope Pathloss Propagation. IEEE Transactions on Vehicular Technology, 2020, 69, 11786-11789.	3.9	1
525	Project based learning via solving a real business need by a multidisciplinary group of students. , 2020, , .		0
526	Infrared and visible image fusion method of dual NSCT and PCNN. PLoS ONE, 2020, 15, e0239535.	1.1	9
527	Automated diagnostic tool for hypertension using convolutional neural network. Computers in Biology and Medicine, 2020, 126, 103999.	3.9	30
528	Electrografting of 4-Carboxybenzenediazonium on Glassy Carbon Electrode: The Effect of Concentration on the Formation of Mono and Multilayers. Molecules, 2020, 25, 4575.	1.7	16
529	Theoretical study of a pure LinbO3/Quartz waveguide coated gold nanorods using supercontinuum laser source. Optical Materials, 2020, 109, 110363.	1.7	33
530	A study on the significance of smart IoT sensors and Data science in Digital agriculture. , 2020, , .		15

#	Article	IF	CITATIONS
531	Design of <scp>CPW</scp> fed multiband antenna for wearable wireless body area network applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22459.	0.8	14
532	Research on Multichannel Signals Fault Diagnosis for Bearing via Generalized Non-Convex Tensor Robust Principal Component Analysis and Tensor Singular Value Kurtosis. IEEE Access, 2020, 8, 178425-178449.	2.6	4
533	Electrochemical tuning of alcohol oxidase and dehydrogenase catalysis via biosensing towards butanol-1 detection in fermentation media. Biosensors and Bioelectronics, 2020, 170, 112702.	5.3	9
534	A green synthesis of gold–palladium core–shell nanoparticles using orange peel extract through two-step reduction method and its formaldehyde colorimetric sensing performance. Nano Structures Nano Objects, 2020, 24, 100535.	1.9	32
535	Emerging biosensors in detection of natural products. Synthetic and Systems Biotechnology, 2020, 5, 293-303.	1.8	27
536	HorizonBlock: Implementation of an Autonomous Counter-Drone System. , 2020, , .		13
537	A mobile localization method based on a robust extend Kalman filter and improved M-estimation in Internet of things. International Journal of Distributed Sensor Networks, 2020, 16, 155014772096123.	1.3	1
538	Integration of real-time locating systems into digital twins. Journal of Industrial Information Integration, 2020, 20, 100174.	4.3	31
539	Electromagnetic bandgap structure and split ring slotâ€based monopole antenna for ultraâ€wideband applications with dual band notch characteristics. Engineering Reports, 2020, 2, e12239.	0.9	4
540	Design and Implementation of Wireless Low-Power Transfer for Medical Implant Devices. IOP Conference Series: Materials Science and Engineering, 2020, 745, 012087.	0.3	7
541	Adaptive power line communication for intelligent separate layer production with single-core cables. IOP Conference Series: Materials Science and Engineering, 2020, 799, 012046.	0.3	3
542	Power and area-efficient register designs involving EHO algorithm. Circuit World, 2020, 46, 93-105.	0.7	3
543	Pupil Detection Based on Oblique Projection Using a Binocular Camera. IEEE Access, 2020, 8, 105754-105765.	2.6	4
544	Thermal Image Reconstruction Using Deep Learning. IEEE Access, 2020, 8, 126839-126858.	2.6	15
545	Relative Positioning of Autonomous Systems using Signals of Opportunity. , 2020, , .		15
546	A Secure Session Key Negotiation Scheme in WPA2-PSK Networks. , 2020, , .		0
547	Foot type classification using sensor-enabled footwear and 1D-CNN. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108184.	2.5	16
548	LAPS-based monitoring of metabolic responses of bacterial cultures in a paper fermentation broth. Sensors and Actuators B: Chemical, 2020, 320, 128232.	4.0	9

#	Article	IF	CITATIONS
549	A new index to assess turning quality and postural stability in patients with Parkinson's disease. Biomedical Signal Processing and Control, 2020, 62, 102059.	3.5	10
550	Characterization of a magneto-active membrane actuator comprising hard magnetic particles with varying crosslinking degrees. Materials and Design, 2020, 195, 108921.	3.3	17
551	Image Transformation and CNNs: A Strategy for Encoding Human Locomotor Intent for Autonomous Wearable Robots. IEEE Robotics and Automation Letters, 2020, 5, 5440-5447.	3.3	17
552	Perspective-2-Point Solution in the Problem of Indirectly Measuring the Distance to a Wagon. , 2020, , .		6
553	Automated leaf movement tracking in time-lapse imaging for plant phenotyping. Computers and Electronics in Agriculture, 2020, 175, 105623.	3.7	11
555	Assessing the performance of different TCP congestion mechanisms in underwater wireless sensor networks. International Journal of Vehicle Information and Communication Systems, 2020, 5, 119.	0.1	1
556	A hybrid electronic nose system for discrimination of pathogenic bacterial volatile compounds. Analytical Methods, 2020, 12, 5671-5683.	1.3	14
557	Occlusion handling strategies for multiple moving object classification. International Journal of Computational Vision and Robotics, 2020, 10, 167.	0.2	1
558	Principles and Applications of Nanoplasmonics in Biological and Chemical Sensing: A Review. , 2020, , .		3
559	Target Audience Response Analysis in Out-of-home Advertising Using Computer Vision. , 2020, , .		1
560	Implementation of CNN-based parking slot type classification using around view images. , 2020, , .		3
561	Objective Evaluation of Drivability in Passenger Cars with Dual-Clutch Transmission: A Case Study of Static Gearshift Condition. Mathematical Problems in Engineering, 2020, 2020, 1-13.	0.6	3
562	An Enhanced Percolation Method for Automatic Detection of Cracks in Concrete Bridges. Advances in Civil Engineering, 2020, 2020, 1-23.	0.4	2
563	Bioprocess monitoring by biosensor-based technologies. , 2020, , 259-285.		1
564	A taxonomy of blockchain-enabled softwarization for secure UAV network. Computer Communications, 2020, 161, 304-323.	3.1	84
565	Detecting textile micro-defects: A novel and efficient method based on visual gain mechanism. Information Sciences, 2020, 541, 60-74.	4.0	25
566	A Tri-Band Antenna for 2.4/5 GHz WLAN and Ku-Band Applications. , 2020, , .		4
567	Site-specific machine learning predictive fertilization models for potato crops in Eastern Canada. PLoS ONE, 2020, 15, e0230888.	1.1	19

#	Article	IF	CITATIONS
568	MEMS capacitive microphone with various materials in acoustic plate under shock loading. Microelectronics Reliability, 2020, 112, 113749.	0.9	8
569	An Experimental Evaluation of Clobal Navigation Satellite System/Inertial Navigation System-Verification Strategies for Vehicular Applications. IEEE Intelligent Transportation Systems Magazine, 2020, 12, 25-35.	2.6	5
570	Task Allocation for Mobile Crowdsensing with Deep Reinforcement Learning. , 2020, , .		10
571	Skin-Integrated Wearable Systems and Implantable Biosensors: A Comprehensive Review. Biosensors, 2020, 10, 79.	2.3	120
572	Iris Liveness Detection Using Fusion of Domain-Specific Multiple BSIF and DenseNet Features. IEEE Transactions on Cybernetics, 2022, 52, 2370-2381.	6.2	15
573	A novel approach for thermal crack detection and quantification in structural concrete using ripplet transform. Structural Control and Health Monitoring, 2020, 27, e2621.	1.9	7
574	Walking Speed of Children and Adolescents With Cerebral Palsy: Laboratory Versus Daily Life. Frontiers in Bioengineering and Biotechnology, 2020, 8, 812.	2.0	20
575	Automatic bridge crack identification from concrete surface using ResNeXt with postprocessing. Structural Control and Health Monitoring, 2020, 27, e2620.	1.9	23
576	Magnetic dispersive solid-phase extraction using ZSM-5 zeolite/Fe2O3 composite coupled with screen-printed electrodes based electrochemical detector for determination of cadmium in urine samples. Talanta, 2020, 220, 121394.	2.9	17
577	GBDT-Based Fall Detection with Comprehensive Data from Posture Sensor and Human Skeleton Extraction. Journal of Healthcare Engineering, 2020, 2020, 1-15.	1.1	15
578	Vibrational metrics for the evaluation of internal conditions in a scaled nuclear dry storage cask. Applied Acoustics, 2020, 168, 107433.	1.7	1
579	Demand Response Service Certification and Customer Baseline Evaluation Using Blockchain Technology. IEEE Access, 2020, 8, 139313-139331.	2.6	21
580	A non-invasive continuous cuffless blood pressure estimation using dynamic Recurrent Neural Networks. Applied Acoustics, 2020, 170, 107534.	1.7	39
581	Obstacle avoidance path planning of unmanned submarine vehicle in ocean current environment based on improved firework-ant colony algorithm. Computers and Electrical Engineering, 2020, 87, 106773.	3.0	30
582	Growth monitoring of greenhouse lettuce based on a convolutional neural network. Horticulture Research, 2020, 7, 124.	2.9	46
583	Behavioral Activity Recognition Based on Gaze Ethograms. International Journal of Neural Systems, 2020, 30, 2050025.	3.2	10
584	Maintenance management practices for green building projects: towards hybrid BIM system. Smart and Sustainable Built Environment, 2021, 10, 616-630.	2.2	8
585	Low and High-Frequency Electro-Hydrodynamic Patterns in Nematic Liquid Crystal Aligned Using Dual Layer Alignment Produced by Nanofiber. Key Engineering Materials, 0, 840, 459-465.	0.4	1

#	Article	IF	CITATIONS
586	Using extracted member properties for laserâ€based surface damage detection and quantification. Structural Control and Health Monitoring, 2020, 27, e2616.	1.9	8
587	The use of porphyrins in potentiometric sensors as ionophores. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2020, 98, 1-9.	0.9	33
588	How can gamification be incorporated into disaster emergency planning? A systematic review of the literature. International Journal of Disaster Resilience in the Built Environment, 2020, 11, 481-506.	0.7	15
589	Analysis of Low-Power Operation for an Environmental Monitoring Beacon. , 2020, , .		1
590	Estimation Precision of Fastest Constant Edge Weights Algorithm over Wireless Sensor Networks with Mobile Agents. , 2020, , .		0
591	Arctic multiyear sea ice variability observed from satellites: a review. Journal of Oceanology and Limnology, 2020, 38, 962-984.	0.6	17
592	A compact square-shaped left-handed passive metamaterial with optimized quintuple resonance frequencies for satellite applications. Chinese Journal of Physics, 2020, 67, 360-375.	2.0	7
593	Signal amplification by electro-oligomerisation for improved isoproturon detection. Talanta, 2020, 220, 121347.	2.9	11
594	Throughput Analysis of Multipair Two-Way Replaying Networks With NOMA and Imperfect CSI. IEEE Access, 2020, 8, 128942-128953.	2.6	25
595	Study on the Sensitive Factors of Structural Nonlinear Damage Based on the Innovation Series. International Journal of Structural Stability and Dynamics, 2020, 20, 2042011.	1.5	3
596	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
597	A method for damage detection of a jacket platform under random wave excitations using cross correlation analysis and PCA-based method. Ocean Engineering, 2020, 214, 107734.	1.9	16
598	CoC-SCS: Cooperative-Optimization Coverage Algorithm Based on Sensor Cloud Systems in Intelligent Computing. IEEE Access, 2020, 8, 129058-129074.	2.6	4
599	A TDOA-based multiple source localization using delay density maps. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	0.8	9
600	Identification of olive fruit, in intensive olive orchards, by means of its morphological structure using convolutional neural networks. Computers and Electronics in Agriculture, 2020, 176, 105616.	3.7	15
601	Photoplethysmography $\hat{a} \in \mathbb{C}$ a Modern Approach and Applications. , 2020, , .		3
602	Research on DOA Estimation Based on Deep Learning for the Sea Battlefield. , 2020, , .		0
603	Wihi: WiFi Based Human Identity Identification Using Deep Learning. IEEE Access, 2020, 8, 129246-129262.	2.6	14

#	ARTICLE Intrinsic Auricular Muscle Zone Stimulation Improves Walking Parameters of Parkinson's Patients	IF	Citations
604	Faster Than Levodopa in the Motion Capture Analysis: A Pilot Study. Frontiers in Neurology, 2020, 11, 546123.	1.1	6
605	A regenerable screen-printed voltammetric Hg(II) ion sensor based on tris-thiourea organic chelating ligand grafted graphene nanomaterial. Journal of Electroanalytical Chemistry, 2020, 878, 114670.	1.9	7
606	Effect of flatness and parallelism errors on fiber optic Fabry Perot Interferometer of low to moderate finesse and its experimental validation. Optical Fiber Technology, 2020, 60, 102372.	1.4	5
607	Inter-subject transfer learning for EEG-based mental fatigue recognition. Advanced Engineering Informatics, 2020, 46, 101157.	4.0	49
608	Development of an IoT based real-time traffic monitoring system for city governance. Global Transitions, 2020, 2, 230-245.	1.6	62
609	Melanoma Detection Using an Objective System Based on Multiple Connected Neural Networks. IEEE Access, 2020, 8, 179189-179202.	2.6	24
610	How to Implement a Fingerprint Recognition Algorithm into a Wearable Device. , 2020, , .		0
611	Reverberation reduction based on multi-ping association in a moving target scenario. Journal of the Acoustical Society of America, 2020, 148, 2195-2208.	0.5	5
612	Optimal power allocation for the multiple-sensor single-DF relay based IoT networks under transceiver hardware impairments. Physical Communication, 2020, 43, 101183.	1.2	7
613	Pathological test type and chemical detection using deep neural networks: a case study using ELISA and LFA assays. Journal of Enterprise Information Management, 2023, 36, 790-817.	4.4	3
614	AN OVERVIEW OF MICROWAVE IMAGING FOR BREAST TUMOR DETECTION. Progress in Electromagnetics Research B, 2020, 87, 61-91.	0.7	48
615	Intracranial Pressure Monitoring Signals After Traumatic Brain Injury: A Narrative Overview and Conceptual Data Science Framework. Frontiers in Neurology, 2020, 11, 959.	1.1	16
616	Traffic management system for smart road networks reserved for selfâ€driving cars. IET Intelligent Transport Systems, 2020, 14, 1013-1024.	1.7	8
617	Cooperative Spectrum Sensing Using Maximum a Posteriori as a Detection Technique for Dynamic Spectrum Access Networks. IEEE Access, 2020, 8, 156408-156421.	2.6	6
618	Automatic Diagnosis of Microgrid Networks' Power Device Faults Based on Stacked Denoising Autoencoders and Adaptive Affinity Propagation Clustering. Complexity, 2020, 2020, 1-24.	0.9	5
619	Application of nanosatellites PlanetScope data to monitor crop growth. E3S Web of Conferences, 2020, 171, 02014.	0.2	4
620	Key Techniques of Pretreatment and Quantitative Identification of Broken Wire Detection Signal in Wire Rope. , 2020, , .		1
621	Micro Bio Processor Development Kit for Wireless Neural Implants. , 2020, 2020, 4302-4305.		О

#	Article	IF	Citations
622	Exploitation of the red-edge bands of Sentinel 2 to improve the estimation of durum wheat yield in Grombalia region (Northeastern Tunisia). International Journal of Remote Sensing, 2020, 41, 8986-9008.	1.3	17
623	CycleGAN-Based Deblurring for Gaze Tracking in Vehicle Environments. IEEE Access, 2020, 8, 137418-137437.	2.6	3
624	Enhanced Relative Localization Based on Persistent Excitation for Multi-UAVs in GPS-Denied Environments. IEEE Access, 2020, 8, 148136-148148.	2.6	6
625	Collaborative Differential Evolution Filtering for Tracking Hand-Object Interactions. IEEE Access, 2020, 8, 148289-148300.	2.6	1
626	The Space-Time Variation of Phase Imbalance for GF-3 Azimuth Multichannel Mode. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4774-4788.	2.3	16
627	Fast Algebraic Calibration of MEMS Tri-axis Magnetometer for Initial Alignment Using Least Square Method. Journal of Electrical Engineering and Technology, 2020, 15, 2361-2372.	1.2	11
628	A Low-Voltage Low-Power Implantable Telemonitoring System with Application to Endo-Hyperthermia Treatment of In-Stent Restenosis. , 2020, , .		0
629	Navigation of Three Cooperative Object-Transportation Robots Using a Multistage Evolutionary Fuzzy Control Approach. IEEE Transactions on Cybernetics, 2022, 52, 3606-3619.	6.2	9
630	Numerical Modelling and Experimental Testing of the Hydrodynamic Characteristics for an Open-Frame Remotely Operated Vehicle. Journal of Marine Science and Engineering, 2020, 8, 688.	1.2	13
631	Intelligent vehicle lateral tracking control based on multiple model prediction. AIP Advances, 2020, 10,	0.6	4
632	Design and Implementation of Hypothermia Symptoms Early Detection With Smart Jacket Based on Wireless Body Area Network. IEEE Access, 2020, 8, 155260-155274.	2.6	9
633	Routing and Optimization Schemes in Flying Ad Hoc Network (FANET). , 2020, , .		1
634	Exploiting Visual-Outer Shape for Tactile-Inner Shape Estimation of Objects Covered with Soft Materials. IEEE Robotics and Automation Letters, 2020, 5, 6278-6285.	3.3	2
635	Bismuth as Smart Material and Its Application in the Ninth Principle of Sustainable Chemistry. Journal of Chemistry, 2020, 2020, 1-15.	0.9	13
636	Advances in BeiDou Navigation Satellite System (BDS) and satellite navigation augmentation technologies. Satellite Navigation, 2020, 1, .	4.6	58
637	Opportunistic Resource Allocation for Narrowband Internet of Things: A Literature Review. , 2020, , .		5
638	The Role of Bounded Fields-of-View and Negative Information in Finite Set Statistics (FISST). , 2020, , .		5
639	EMD-Based Borehole TEM Array Signal Denoising and Baseline Wander Correction for NDT of Downhole Casings. IEEE Access, 2020, 8, 150213-150224.	2.6	7

#	Article	IF	CITATIONS
640	Smart Home Solutions Using Wi-Fi-based Hardware. Tehnicki Vjesnik, 2020, 27, .	0.3	2
641	300ÂGHz radar object recognition based on deep neural networks and transfer learning. IET Radar, Sonar and Navigation, 2020, 14, 1483-1493.	0.9	19
642	New approach based on Hilbert curve for energy efficient data collection in WSN with mobile sink. IET Wireless Sensor Systems, 2020, 10, 214-220.	1.3	5
643	Real-Time Cubature Kalman Filter Parameter Estimation of Blood Pressure Response Characteristics Under Vasoactive Drugs Administration. , 2020, , .		5
644	A compact multiâ€slots loaded gap coupled CP antenna with DGS for WLAN/WiMAX applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22431.	0.8	4
645	Decentralized Identity and Trust Management Framework for Internet of Things. , 2020, , .		17
646	Reconstruction of dual tasking gait pattern in Parkinson's disease subjects using radial basis function based artificial intelligence. Journal of Intelligent and Fuzzy Systems, 2020, 39, 5437-5448.	0.8	1
647	Intuitive Planning, Generation, and Tracking of Trajectory for WMR With Mobile Computing Device and Embedded System. IEEE Access, 2020, 8, 160627-160642.	2.6	3
648	Rhombic-magnetoelastic/metal–organic framework functionalized resonators for highly sensitive toluene detection. Journal of Materials Chemistry C, 2020, 8, 13743-13753.	2.7	13
649	Surveillance Plane Aided Air-Ground Integrated Vehicular Networks: Architectures, Applications, and Potential. IEEE Wireless Communications, 2020, 27, 122-128.	6.6	19
650	loV-SMAP: Secure and Efficient Message Authentication Protocol for loV in Smart City Environment. IEEE Access, 2020, 8, 167875-167886.	2.6	53
651	Rainbow Trapping Nanostructures: Ultra-high Field Intensity Platform for SERS Sensing. , 2020, , .		0
652	SenseBack - An Implantable System for Bidirectional Neural Interfacing. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 1079-1087.	2.7	10
653	An improved robot calibration method using the modified adjoint error model based on POE. Advanced Robotics, 2020, 34, 1229-1238.	1.1	9
654	Pose Refinement of Occluded 3D Objects Based on Visible Surface Extraction. , 2020, , .		1
655	Reliability of Results of Measurements of Air Pollution by Solid Particles by the Method of Detection of Scattered Laser Radiation. Measurement Techniques, 2020, 63, 266-272.	0.2	0
656	Design Of Ble 2-Step Separate Channel Fingerprinting. , 2020, , .		0
657	COVIDâ€19 pandemic: a review of smart cities initiatives to face new outbreaks. IET Smart Cities, 2020, 2, 64-73.	1.6	77

#	Article	IF	CITATIONS
658	Energy-Neutral Wireless Sensor Network Based on SWIPT in Wireless Powered Communication Networks. , 2020, , .		1
659	Fabrication of polydiacetylene particles using a solvent injection method. Materials Advances, 2020, 1, 1745-1752.	2.6	13
660	Digitalisation and the Performance of Micro and Small Enterprises in Yogyakarta, Indonesia. Bulletin of Indonesian Economic Studies, 2021, 57, 343-369.	0.7	10
661	Uncertainty Estimation of Measuring Circuit During Cutting Forces Measurement Using the Piezoelectric Dynamometer. , 2020, , .		0
662	Modem design for underwater acoustic networks: Taxonomy, capabilities, challenges, applications and future trends. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8161-8171.	0.8	2
663	Do you Play or Do you Train? Insights From Individual Sports for Training Load and Injury Risk Management in Team Sports Based on Individualization. Frontiers in Physiology, 2020, 11, 995.	1.3	15
664	Improved hand prostheses control for transradial amputees based on hybrid of voice recognition and electromyography. International Journal of Artificial Organs, 2020, 44, 039139882097665.	0.7	4
665	Recent progress on peripheral neural interface technology towards bioelectronic medicine. Bioelectronic Medicine, 2020, 6, 23.	1.0	41
666	Researching the Possibility of Wireless Energy Transmission for the Power Supply Condition Monitoring System of a Car's Suspension. , 2020, , .		1
667	Long Short-Term Memory in Intelligent Buildings. , 2020, , .		0
669	Traffic travel pattern recognition based on sparse Global Positioning System trajectory data. International Journal of Distributed Sensor Networks, 2020, 16, 155014772096846.	1.3	4
670	Real-time Monitoring Mechanism of Underwater WSN. Journal of Physics: Conference Series, 2020, 1626, 012014.	0.3	0
671	Utilization of scattering and absorption-based particulate matter sensors in the environment impacted by residential wood combustion. Journal of Aerosol Science, 2020, 150, 105671.	1.8	20
672	Random forest learning method to identify different objects using channel estimations from VLC link. , 2020, , .		4
673	HyS-R: A Hybrid Subscription-Recovery Method for Downlink Connectivity in 6TiSCH Networks. , 2020, ,		0
674	An Anchor Based Technique for Network Localization in Underground Optical Wireless Sensor Network (UOWSN). , 2020, , .		0
675	Threshold-Based Low Power Consumption Human Fall Detection for Health Care and Monitoring System. , 2020, , .		2
676	Underwater Acoustic Communication for The Marine Environment's Monitoring. Proceedings (mdpi), 2020, 42, 51.	0.2	1

#	Article	IF	CITATIONS
677	Experimental Research on PVDF Sensing Surface Characteristic Curve Applied to Topography Perception. Micromachines, 2020, 11, 976.	1.4	1
678	Dissolved Oxygen Forecasting in Aquaculture: A Hybrid Model Approach. Applied Sciences (Switzerland), 2020, 10, 7079.	1.3	13
679	Proton and Gamma Radiation Effects on a Fully Depleted Pinned Photodiode CMOS Image Sensor. IEEE Transactions on Nuclear Science, 2020, 67, 1107-1113.	1.2	5
680	Accuracy and repeatability of smartphone sensors for measuring shank-to-vertical angle. Prosthetics and Orthotics International, 2020, 44, 172-179.	0.5	4
681	Ocular-Net: Lite-Residual Encoder Decoder Network for Accurate Ocular Regions Segmentation in Various Sensor Images. , 2020, , .		3
682	Systematic review of deep learning techniques in plant disease detection. International Journal of Systems Assurance Engineering and Management, 2020, 11, 547-560.	1.5	94
683	Leakage detection in water pipelines using supervised classification of acceleration signals. Automation in Construction, 2020, 117, 103256.	4.8	74
684	In-plane strain analysis of transparent polymer substrate subjected to torsional loading using non-linear analytical model and optical fiber grating. Polymer Testing, 2020, 89, 106597.	2.3	0
685	Performance Comparison of Lossless Compression Strategies for Dynamic Vision Sensor Data. , 2020, ,		7
686	Machine-learning-based reduced-order modeling for unsteady flows around bluff bodies of various shapes. Theoretical and Computational Fluid Dynamics, 2020, 34, 367-383.	0.9	102
687	Intelligent Control of Mobile Robot Via Waypoints Using Nonlinear Model Predictive Controller and Quadratic Bezier Curves Algorithm. Journal of Electrical Engineering and Technology, 2020, 15, 1857-1870.	1.2	4
688	Respiratory rate extraction based on plethysmographic wave analysis. IOP Conference Series: Materials Science and Engineering, 2020, 830, 032050.	0.3	2
689	6LE-SDN: An Edge-Based Software-Defined Network for Internet of Things. IEEE Internet of Things Journal, 2020, 7, 7725-7733.	5.5	21
690	Achieving privacy protection for crowdsourcing application in edge-assistant vehicular networking. Telecommunication Systems, 2020, 75, 1-14.	1.6	6
691	Enhanced Dynamic Programming for Polygonal Approximation of ECG Signals. , 2020, , .		4
692	Validity and reliability of wearable inertial sensors in healthy adult walking: a systematic review and meta-analysis. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 62.	2.4	125
693	Magnetic Lateral Flow Immunoassays. Diagnostics, 2020, 10, 288.	1.3	62
694	Optimization Method for Multiple Phases Sectionalized Modulation Jamming Against Linear Frequency Modulation Radar Based on a Genetic Algorithm. IEEE Access, 2020, 8, 88777-88792.	2.6	7

#	Article	IF	CITATIONS
695	Gaining or losing ground? Tracking Asia's hunger for â€~new' coastal land in the era of sea level rise. Science of the Total Environment, 2020, 732, 139290.	3.9	26
696	Progress and challenges in fabrication of wearable sensors for health monitoring. Sensors and Actuators A: Physical, 2020, 312, 112105.	2.0	153
697	Aptamer-Based Biosensors for Environmental Monitoring. Frontiers in Chemistry, 2020, 8, 434.	1.8	138
698	An Enhanced Authentication Protocol for Multi-server Environment Using Password and Smart Card. Wireless Personal Communications, 2020, 115, 2779-2803.	1.8	13
699	Additively manufactured electromagnetic based planar pressure sensor using substrate integrated waveguide technology. Additive Manufacturing, 2020, 34, 101225.	1.7	6
700	Measurement of Power Line Sagging Using Sensor Data of a Power Line Inspection Robot. IEEE Access, 2020, 8, 99198-99204.	2.6	24
701	A methodology for calculating limit deceleration of flexible hoisting system: A case study of mine hoist. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2020, 234, 342-352.	1.4	4
702	Design and Simulation of Digital Output MEMS Pressure Sensor. Arabian Journal for Science and Engineering, 2020, 45, 6661-6673.	1.7	5
703	A delay-aware coverage metric for bus-based sensor networks. Computer Communications, 2020, 156, 192-200.	3.1	5
704	Energy efficiency maximization in a wireless powered IoT sensor network for water quality monitoring. Computer Networks, 2020, 176, 107237.	3.2	21
705	Surveying pervasive public safety communication technologies in the context of terrorist attacks. Physical Communication, 2020, 41, 101109.	1.2	24
706	Iterative learning of an unknown road path through cooperative driving of vehicles. IET Intelligent Transport Systems, 2020, 14, 423-431.	1.7	4
707	Emitter signals modulation recognition based on discriminative projection and collaborative representation. IET Radar, Sonar and Navigation, 2020, 14, 782-791.	0.9	4
708	Full Waveform LiDAR for Adverse Weather Conditions. IEEE Transactions on Vehicular Technology, 2020, 69, 7064-7077.	3.9	71
709	Deep learning for EEG-based biometric recognition. Neurocomputing, 2020, 410, 374-386.	3.5	47
710	Decision fusion using virtual dictionaryâ€based sparse representation for robust SAR automatic target recognition. IET Radar, Sonar and Navigation, 2020, 14, 811-821.	0.9	2
711	Real-Time Fault Detection for UAV Based on Model Acceleration Engine. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9505-9516.	2.4	36
712	Clustering objectives in wireless sensor networks: A survey and research direction analysis. Computer Networks, 2020, 180, 107376.	3.2	159

	CITATION	Report	
#	Article	IF	Citations
713	Contour-based lung shape analysis in order to tuberculosis detection: modeling and feature description. Medical and Biological Engineering and Computing, 2020, 58, 1965-1986.	1.6	7
714	A series of asymmetric zinc (II) phthalocyanines containing fluoro and alkynyl groups: Synthesis and examination of humidity sensing performance by using QCM based sensor. Materials Chemistry and Physics, 2020, 254, 123477.	2.0	13
715	A high sensitive graphene piezoresistive MEMS pressure sensor by integration of rod beams in silicon diaphragm for low pressure measurement application. Microsystem Technologies, 2020, 26, 2971-2976.	1.2	14
716	A Systemic and Secure SDN Framework for NoC-Based Many-Cores. IEEE Access, 2020, 8, 105997-106008.	2.6	17
717	Performance Analysis of Hybrid Satellite-Terrestrial Cooperative Networks With Relay Selection. IEEE Transactions on Vehicular Technology, 2020, 69, 9053-9067.	3.9	67
718	Detection and localization of rebar in concrete by deep learning using ground penetrating radar. Automation in Construction, 2020, 118, 103279.	4.8	91
719	Finger-Vein Recognition Based on Densely Connected Convolutional Network Using Score-Level Fusion With Shape and Texture Images. IEEE Access, 2020, 8, 96748-96766.	2.6	31
720	Real-time unusual user event detection algorithm fusing vision, audio, activity, and dust patterns. Multimedia Tools and Applications, 2021, 80, 35773-35788.	2.6	1
721	Soft Decision Cooperative Spectrum Sensing With Entropy Weight Method for Cognitive Radio Sensor Networks. IEEE Access, 2020, 8, 109000-109008.	2.6	23
722	Multiband Filter Design Using Generalized Mapping Functions and Synthesis with Lumped Resonators. Radioengineering, 2020, 29, 343-352.	0.3	0
723	GADF/GASF-HOG:feature extraction methods for hand movement classification from surface electromyography. Journal of Neural Engineering, 2020, 17, 046016.	1.8	23
724	Cellular-Assisted Device-to-Device Communications for Healthcare Monitoring Wireless Body Area Networks. IEEE Sensors Journal, 2020, 20, 13139-13149.	2.4	19
725	On the Cost of Detection Response Task Performance on Cognitive Load. Human Factors, 2021, 63, 804-812.	2.1	16
726	Route optimization to improve QoS in multi-hop wireless sensor networks. Wireless Networks, 0, , 1.	2.0	8
727	Synthetic polymer-based membranes for direct methanol fuel cell (DMFC) applications. , 2020, , 337-363.		3
728	Pipeline signal feature extraction with improved VMD and multi-feature fusion. Systems Science and Control Engineering, 2020, 8, 318-327.	1.8	13
729	AUV-Aided Localization for Underwater Acoustic Sensor Networks With Current Field Estimation. IEEE Transactions on Vehicular Technology, 2020, 69, 8855-8870.	3.9	49
730	Iris anti-spoofing through score-level fusion of handcrafted and data-driven features. Applied Soft Computing Journal, 2020, 91, 106206.	4.1	20

#	Article	IF	CITATIONS
731	Catalytic Filter for Continuous and Selective Ethanol Removal Prior to Gas Sensing. ACS Sensors, 2020, 5, 1058-1067.	4.0	30
732	Towards Blockchain-Based Software-Defined Networking: Security Challenges and Solutions. IEICE Transactions on Information and Systems, 2020, E103.D, 196-203.	0.4	40
733	Synthesis of gold-coated branched ZnO nanorods for gas sensor fabrication. Journal of Nanoparticle Research, 2020, 22, 1.	0.8	10
734	Nanocontainers for food safety. , 2020, , 105-117.		3
735	An analytical model to estimate the state of charge and lifetime for batteries with energy harvesting capabilities. International Journal of Energy Research, 2020, 44, 5243-5258.	2.2	7
736	Blood pressure estimation with complexity features from electrocardiogram and photoplethysmogram signals. Optical and Quantum Electronics, 2020, 52, 1.	1.5	14
737	Damageâ€sensitive impedance sensor placement on multiâ€strand anchorage based on local stress variation analysis. Structural Control and Health Monitoring, 2020, 27, e2547.	1.9	27
739	Non-hierarchical grouping: â€ ⁻ K-mean' and â€ ⁻ K-medoid' of plaques cisterns in the Pajeu region - PE. Acta Scientiarum - Technology, 2020, 42, e44378.	0.4	Ο
740	Application of RSSD-OCYCBD Strategy in Enhanced Fault Detection of Rolling Bearing. Complexity, 2020, 2020, 1-24.	0.9	5
741	Mathematical modeling in animal production. , 2020, , 431-453.		5
742	Combining multisource satellite data to estimate storage variation of a lake in the Rift Valley Basin, Ethiopia. International Journal of Applied Earth Observation and Geoinformation, 2020, 89, 102095.	1.4	12
743	Large-scale acoustic-driven neuronal patterning and directed outgrowth. Scientific Reports, 2020, 10, 4932.	1.6	17
744	Wafer-level fabrication of 3D nanoparticles assembled nanopillars and click chemistry modification for sensitive SERS detection of trace carbonyl compounds. Nanotechnology, 2020, 31, 265301.	1.3	6
745	Deep Multi-sphere Support Vector Data Description. , 2020, , 109-117.		23
746	Backstepping Sliding Mode Robust Control for a Wire-Driven Parallel Robot Based on a Nonlinear Disturbance Observer. Mathematical Problems in Engineering, 2020, 2020, 1-17.	0.6	0
747	Investigating the effects of geographical origin, roasting degree, particle size and brewing method on the physicochemical and spectral properties of Arabica coffee by PCA analysis. Journal of Food Science and Technology, 2020, 57, 3345-3354.	1.4	24
748	Off-Grid DOA Estimation Based on Alternating Iterative Weighted Least Squares for Acoustic Vector Hydrophone Array. Circuits, Systems, and Signal Processing, 2020, 39, 4650-4680.	1.2	6
749	Performance analysis of LoRa in the 2.4ÂGHz ISM band: coexistence issues with Wi-Fi. Telecommunication Systems, 2020, 74, 299-309.	1.6	28

#	Article	IF	CITATIONS
750	In-Lane Localization and Ego-Lane Identification Method Based on Highway Lane Endpoints. Journal of Advanced Transportation, 2020, 2020, 1-16.	0.9	5
751	Hardware Efficient Solutions for Wireless Air Pollution Sensors Dedicated to Dense Urban Areas. Remote Sensing, 2020, 12, 776.	1.8	5
752	Comparative Study of Two Pose Measuring Systems Used to Reduce Robot Localization Error. Sensors, 2020, 20, 1305.	2.1	1
753	Determination of Trace Lead and Cadmium in Decorative Material Using Disposable Screen-Printed Electrode Electrically Modified with Reduced Graphene Oxide/L-Cysteine/Bi-Film. Sensors, 2020, 20, 1322.	2.1	21
754	Shape sensing of variable cross-section beam using the inverse finite element method and isogeometric analysis. Measurement: Journal of the International Measurement Confederation, 2020, 158, 107656.	2.5	43
755	Detection of dynamic location primary user emulation on mobile cognitive radio networks using USRP. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	7
756	Developing a Serious Game That Supports the Resolution of Social and Ecological Problems in the Toolset Environment of Cities: Skylines. ISPRS International Journal of Geo-Information, 2020, 9, 118.	1.4	9
757	An improved step counting algorithm using classification and double autocorrelation. International Journal of Computers and Applications, 2022, 44, 250-259.	0.8	4
758	Detecting Bruise Damage and Level of Severity in Apples Using a Contactless NIR Spectrometer. Applied Engineering in Agriculture, 2020, 36, 257-270.	0.3	12
759	Tracking conservation effectiveness in the Vhembe Biosphere Reserve in South Africa using Landsat imagery. Environmental Monitoring and Assessment, 2020, 192, 469.	1.3	2
760	Dual-Band Microstrip Resonant Sensor for Dielectric Measurement of Liquid Materials. IEEE Sensors Journal, 2020, 20, 13371-13378.	2.4	32
761	Fusion of multispectral imagery and LiDAR data for roofing materials and roofing surface conditions assessment. International Journal of Remote Sensing, 2020, 41, 7090-7111.	1.3	6
762	Unoccupied Aircraft Systems (UAS) for Marine Ecosystem Restoration. Frontiers in Marine Science, 2020, 7, .	1.2	21
763	Big Data Characteristics, Architecture, Technologies and Applications. Journal of Computer Science, 2020, 16, 817-824.	0.5	2
764	Bridge health monitoring using deflection measurements under random traffic. Structural Control and Health Monitoring, 2020, 27, e2593.	1.9	28
765	Artificial intelligence biosensors: Challenges and prospects. Biosensors and Bioelectronics, 2020, 165, 112412.	5.3	153
766	Theoretical and Experimental Analysis of Novel Rhombus Shaped Magnetoelastic Sensors With Enhanced Mass Sensitivity. IEEE Sensors Journal, 2020, 20, 13332-13340.	2.4	7
767	Efficient regional multi feature similarity measure based emotion detection system in web portal using artificial neural network. Microprocessors and Microsystems, 2020, 77, 103112.	1.8	8

#	Article	IF	CITATIONS
768	A Novel Calibration Method of SINS/DVL Integration Navigation System based on Quaternion. IEEE Sensors Journal, 2020, , 1-1.	2.4	26
769	Automatic distortion-suppressed time series fitting method for irregular sampled NDVI. International Journal of Remote Sensing, 2020, 41, 7271-7295.	1.3	Ο
770	Caching in Vehicular Named Data Networking: Architecture, Schemes and Future Directions. IEEE Communications Surveys and Tutorials, 2020, 22, 2378-2407.	24.8	80
771	Cross-Site Edge Framework for Location-Awareness Distributed Edge-Computing Applications. , 2020, , .		1
772	Analyzing the impacts of urbanization on runoff characteristics in Adama city, Ethiopia. SN Applied Sciences, 2020, 2, 1.	1.5	21
773	Cyber-physical systems for performance monitoring in production intralogistics. Computers and Industrial Engineering, 2020, 142, 106333.	3.4	38
774	Epitaxial Aluminum Scandium Nitride Super High Frequency Acoustic Resonators. Journal of Microelectromechanical Systems, 2020, 29, 490-498.	1.7	62
775	A Multi-Modal Approach for Crop Health Mapping Using Low Altitude Remote Sensing, Internet of Things (IoT) and Machine Learning. IEEE Access, 2020, 8, 112708-112724.	2.6	60
776	Piezoelectric polymer films: synthesis, applications, and modeling. , 2020, , 79-101.		4
777	Anti-Malicious Attack Algorithm for Low-Power Wake-Up Radio Protocol. IEEE Access, 2020, 8, 127581-127592.	2.6	6
778	Smart Traffic Light Management Systems. International Journal of Technology Diffusion, 2020, 11, 22-47.	0.2	6
779	Near-field Communication (NFC). Information Technology and Libraries, 2020, 39, .	0.5	10
780	Artificial pancreas under stable pulsatile MPC: Improving the closed-loop performance. Journal of Process Control, 2020, 92, 246-260.	1.7	28
781	Multimodal facial biometrics recognition: Dual-stream convolutional neural networks with multi-feature fusion layers. Image and Vision Computing, 2020, 102, 103977.	2.7	25
782	Convergence of blockchain and artificial intelligence in IoT network for the sustainable smart city. Sustainable Cities and Society, 2020, 63, 102364.	5.1	286
783	Secure data dissemination techniques for IoT applications: Research challenges and opportunities. Software - Practice and Experience, 2021, 51, 2469-2491.	2.5	26
784	Assessment of supervised machine learning methods for fluid flows. Theoretical and Computational Fluid Dynamics, 2020, 34, 497-519.	0.9	115
785	Implementation and performance evaluation of an inertial navigation system/global navigation satellite system realâ€time kinematic Ntrip navigation system aided by a robot operating systemâ€based emulated odometer for highâ€accuracy land vehicle navigation in urban environments. Engineering Reports. 2020. 2. e12097.	0.9	0

#	Article	IF	CITATIONS
787	Secure Coronas Based Zone Clustering and Routing Model for Distributed Wireless Sensor Networks. Wireless Personal Communications, 2020, 112, 1829-1857.	1.8	9
788	Sensitive Detection of Dengue Virus Type 2 E-Proteins Signals Using Self-Assembled Monolayers/Reduced Graphene Oxide-PAMAM Dendrimer Thin Film-SPR Optical Sensor. Scientific Reports, 2020, 10, 2374.	1.6	106
789	A Wavelet Adaptive Cancellation Algorithm Based on Multi-Inertial Sensors for the Reduction of Motion Artifacts in Ambulatory ECGs. Sensors, 2020, 20, 970.	2.1	8
790	Updated shape sensing algorithm for space curves with FBG sensors. Optics and Lasers in Engineering, 2020, 129, 106057.	2.0	16
791	An efficient formulation for optimization of FlexRay frame scheduling. Vehicular Communications, 2020, 24, 100234.	2.7	2
792	Event-triggered fault tolerant control for a class of state saturated systems subject to deception attacks. Transactions of the Institute of Measurement and Control, 2020, 42, 1935-1945.	1.1	8
793	Growing and Pruning Based Deep Neural Networks Modeling for Effective Parkinson's Disease Diagnosis. CMES - Computer Modeling in Engineering and Sciences, 2020, 122, 619-632.	0.8	1
794	Nanoscale Estimation of Coating Thickness on Substrates via Standardless BSE Detector Calibration. Nanomaterials, 2020, 10, 332.	1.9	6
795	Energy-Efficient Depth-Based Opportunistic Routing with Q-Learning for Underwater Wireless Sensor Networks. Sensors, 2020, 20, 1025.	2.1	37
796	Amplified localityâ€sensitive hashingâ€based recommender systems with privacy protection. Concurrency Computation Practice and Experience, 2022, 34, e5681.	1.4	54
797	Estimation of Gait Mechanics Based on Simulated and Measured IMU Data Using an Artificial Neural Network. Frontiers in Bioengineering and Biotechnology, 2020, 8, 41.	2.0	92
798	Impulsive MPC schemes for biomedical processes: Application to type 1 diabetes. , 2020, , 55-87.		3
799	Dynamic Modelling and Experimental Characterization of a Self-Powered Structural Health-Monitoring System with MFC Piezoelectric Patches. Sensors, 2020, 20, 950.	2.1	12
800	Feature learning for Human Activity Recognition using Convolutional Neural Networks. CCF Transactions on Pervasive Computing and Interaction, 2020, 2, 18-32.	1.7	87
801	A Simple Method for Measuring Fine-to-Ultrafine Aerosols Using Bipolar Charge Equilibrium. ACS Sensors, 2020, 5, 447-453.	4.0	17
802	Adaptive predictive systems applied to gait analysis: A systematic review. Gait and Posture, 2020, 77, 75-82.	0.6	28
803	Autonomous monitoring, analysis, and countering of air pollution using environmental drones. Heliyon, 2020, 6, e03252.	1.4	71
804	The Use of Artificial Neural Networks for Forecasting of Air Temperature inside a Heated Foil Tunnel. Sensors, 2020, 20, 652.	2.1	31

#	Article	IF	CITATIONS
805	Compact circularly polarized triband staired rectangular dielectric resonator antenna using single and dual sections WPD with phase shifter for navigation satellite applications. Microwave and Optical Technology Letters, 2020, 62, 2047-2058.	0.9	2
806	Fe ₂ O ₃ /MWCNTs modified microdialysis electrode for dopamine detection. Materials Research Express, 2020, 7, 015701.	0.8	9
807	MedGlasses: A Wearable Smart-Glasses-Based Drug Pill Recognition System Using Deep Learning for Visually Impaired Chronic Patients. IEEE Access, 2020, 8, 17013-17024.	2.6	49
808	LSAPSP: Load distributionâ€based slot allocation and path establishment using optimized substance particle selection in sensor networks. International Journal of Communication Systems, 2020, 33, e4343.	1.6	5
810	Internet of Things in arable farming: Implementation, applications, challenges and potential. Biosystems Engineering, 2020, 191, 60-84.	1.9	204
811	Power transmission line inspection robots: A review, trends and challenges for future research. International Journal of Electrical Power and Energy Systems, 2020, 118, 105862.	3.3	138
812	The neglected impact of tracking devices on terrestrial arthropods. Methods in Ecology and Evolution, 2020, 11, 350-361.	2.2	27
813	Fog assisted task allocation and secure deduplication using 2FBO <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1023" altimg="si1.svg"><mml:msup><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:mrow </mml:msup>and MoWo in</mml:math 	3.1	25
814	Short Term Traffic State Prediction via Hyperparameter Optimization Based Classifiers. Sensors, 2020, 20, 685.	2.1	33
815	A Social Robot Learning to Facilitate an Assistive Group-Based Activity from Non-expert Caregivers. International Journal of Social Robotics, 2020, 12, 1159-1176.	3.1	31
816	A Review of Current and Potential Applications of Remote Sensing to Study the Water Status of Horticultural Crops. Agronomy, 2020, 10, 140.	1.3	37
817	On-site detection of heavy metals in wastewater using a single paper strip integrated with a smartphone. Analytical and Bioanalytical Chemistry, 2020, 412, 1395-1405.	1.9	47
818	A new hybrid FBG with a π-shift for temperature sensing in overhead high voltage transmission lines. Optical and Quantum Electronics, 2020, 52, 1.	1.5	3
819	Estimation of Semiarid Forest Canopy Cover Using Optimal Field Sampling and Satellite Data with Machine Learning Algorithms. Journal of the Indian Society of Remote Sensing, 2020, 48, 575-583.	1.2	6
820	Edge-Computing-Based Trustworthy Data Collection Model in the Internet of Things. IEEE Internet of Things Journal, 2020, 7, 4218-4227.	5.5	97
821	Real-Time Scheduling of Massive Data in Time Sensitive Networks With a Limited Number of Schedule Entries. IEEE Access, 2020, 8, 6751-6767.	2.6	34
822	An experimental-based python programming for structural health monitoring of non-engineered RC frame. Innovative Infrastructure Solutions, 2020, 5, 1.	1.1	14
823	Modified Stainless Steel as Anode Materials in Bioelectrochemical Systems. ACS Symposium Series, 2020, , 165-184.	0.5	1

#	Article	IF	CITATIONS
824	Measuring the Non-linear Directed Information Flow in Schizophrenia by Multivariate Transfer Entropy. Frontiers in Computational Neuroscience, 2019, 13, 85.	1.2	26
825	Directly Electrospun Carbon Nanofibers Incorporated with Mn3O4 Nanoparticles as Bending-Resistant Cathode for Flexible Al-Air Batteries. Nanomaterials, 2020, 10, 216.	1.9	9
826	Visualization of mulberry tea quality using an electronic sensor array, SPME-GC/MS, and sensory evaluation. Food Bioscience, 2020, 36, 100593.	2.0	12
827	Video Flame and Smoke Based Fire Detection Algorithms: A Literature Review. Fire Technology, 2020, 56, 1943-1980.	1.5	118
828	Dynamic Priority-Based Efficient Resource Allocation and Computing Framework for Vehicular Multimedia Cloud Computing. IEEE Access, 2020, 8, 81080-81089.	2.6	9
829	Improving Dam Seepage Prediction Using Back-Propagation Neural Network and Genetic Algorithm. Mathematical Problems in Engineering, 2020, 2020, 1-8.	0.6	11
830	Quantitative and Selective Surface Plasmon Resonance Response Based on a Reduced Graphene Oxide–Polyamidoamine Nanocomposite for Detection of Dengue Virus E-Proteins. Nanomaterials, 2020, 10, 569.	1.9	63
831	Poly(methyl methacrylate)/polyphosphate blends with tunable refractive indices for optical applications. Optical Materials, 2020, 104, 109841.	1.7	10
832	Smart materials and electro-mechanical impedance technique: A review. Materials Today: Proceedings, 2020, 33, 4993-5000.	0.9	16
833	Gaussian Parameterized Information Aided Distributed Cooperative Underwater Positioning Algorithm. IEEE Access, 2020, 8, 64634-64645.	2.6	6
834	Visual Feedback Control of a Rat Ankle Angle Using a Wirelessly Powered Two-Channel Neurostimulator. Sensors, 2020, 20, 2210.	2.1	5
835	Non-singular terminal sliding mode control for redundantly actuated parallel mechanism. International Journal of Advanced Robotic Systems, 2020, 17, 172988142091954.	1.3	7
836	A novel geographically distributed architecture based on fog technology for improving Vehicular Ad hoc Network (VANET) performance. Peer-to-Peer Networking and Applications, 2020, 13, 1539-1566.	2.6	11
837	On optical sensing of surface roughness of flat and curved microplastics in water. Chemosphere, 2020, 254, 126789.	4.2	15
838	Forecasting beef production and quality using large-scale integrated data from Brazil. Journal of Animal Science, 2020, 98, .	0.2	6
839	Energy aware decision stump linear programming boosting node classification based data aggregation in WSN. Computer Communications, 2020, 155, 133-142.	3.1	13
840	A storage architecture for high-throughput crop breeding data based on improved blockchain technology. Computers and Electronics in Agriculture, 2020, 173, 105395.	3.7	16
841	A novel method to infrared thermal images vessel extraction based on fractal dimension. Infrared Physics and Technology, 2020, 107, 103297.	1.3	2

#	Article	IF	CITATIONS
842	Health indicator extraction with phase current for power electronics of electro-mechanical actuator. Measurement: Journal of the International Measurement Confederation, 2020, 159, 107787.	2.5	11
843	Low cost UV sensor using ZnO nanorods on ITO electrodes. Engineering Research Express, 2020, 2, 025007.	0.8	4
844	Three-dimensional Electrodynamic Model of the Human Chest. , 2020, , .		1
845	Experimental Investigation and Error Analysis of High Precision FBG Displacement Sensor for Structural Health Monitoring. International Journal of Structural Stability and Dynamics, 2020, 20, 2040011.	1.5	89
846	Event-triggered communication scheme for stochastic systems in wireless sensor networks. Journal of Algorithms and Computational Technology, 2020, 14, 174830262090754.	0.4	0
847	Displacement measurement of a concrete bridge under traffic loads with fibre-reinforced polymer-packaged optical fibre sensors. Advances in Mechanical Engineering, 2020, 12, 168781402091053.	0.8	6
848	Output-Only Damage Detection of Shear Building Structures Using an Autoregressive Model-Enhanced Optimal Subpattern Assignment Metric. Sensors, 2020, 20, 2050.	2.1	7
849	A secure blockchainâ€based demurrage mechanism for energy trading in smart communities. International Journal of Energy Research, 2021, 45, 297-315.	2.2	22
850	Trilaterationâ€based indoor localization engineering technique for visible light communication system. Software - Practice and Experience, 2021, 51, 503-516.	2.5	3
853	An adaptive update model based on improved Long Short Term Memory for online prediction of vibration signal. Journal of Intelligent Manufacturing, 2021, 32, 37-49.	4.4	24
854	Damping analysis of a quad beam MEMS piezoresistive accelerometer. International Journal of Modelling and Simulation, 2021, 41, 256-264.	2.3	8
855	Analysis of security and energy efficiency for shortest route discovery in lowâ€energy adaptive clustering hierarchy protocol using Levenbergâ€Marquardt neural network and gated recurrent unit for intrusion detection system. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3997.	2.6	72
856	Automatic weld seam tracking of tube-to-tubesheet TIG welding robot with multiple sensors. Journal of Manufacturing Processes, 2021, 63, 60-69.	2.8	22
857	Multidimensional Ground Reaction Forces and Moments From Wearable Sensor Accelerations via Deep Learning. IEEE Transactions on Biomedical Engineering, 2021, 68, 289-297.	2.5	63
858	Unmanned aerial vehicle swarm mission reliability modeling and evaluation method oriented to systematic and networked mission. Chinese Journal of Aeronautics, 2021, 34, 466-478.	2.8	12
859	IoT-based monitoring and data-driven modelling of drip irrigation system for mustard leaf cultivation experiment. Information Processing in Agriculture, 2021, 8, 270-283.	2.9	40
860	Time-Aggregation-Based Lossless Video Encoding for Neuromorphic Vision Sensor Data. IEEE Internet of Things Journal, 2021, 8, 596-609.	5.5	14
861	Green Strategies to Printed Sensors for Healthcare Applications. Polymer Reviews, 2021, 61, 116-156.	5.3	30

#	Article	IF	CITATIONS
862	Metal-insulator-metal nano square ring resonator for gas sensing applications. Waves in Random and Complex Media, 2021, 31, 146-156.	1.6	46
863	Improved Soft- <i>k</i> -Means Clustering Algorithm for Balancing Energy Consumption in Wireless Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 4868-4881.	5.5	38
864	40 years of sensor fusion for orientation tracking via magnetic and inertial measurement units: Methods, lessons learned, and future challenges. Information Fusion, 2021, 68, 67-84.	11.7	66
865	Towards sustainable smart IoT applications architectural elements and design: opportunities, challenges, and open directions. Journal of Supercomputing, 2021, 77, 5668-5725.	2.4	32
866	MaxEnt feature-based reliability model method for real-time detection of early chatter in high-speed milling. ISA Transactions, 2021, 113, 39-51.	3.1	14
867	Energy optimized micro genetic algorithm based LEACH protocol for WSN. Wireless Networks, 2021, 27, 27-40.	2.0	54
868	Secured transmission using trust strategy-based dynamic Bayesian game in underwater acoustic sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 2585-2600.	3.3	8
869	Modeling and control for an integrated permanent magnet toroidal motor drive with nonlinear electromagnetic parameters. Applied Mathematical Modelling, 2021, 89, 154-170.	2.2	2
870	Hierarchical deep convolution neural networks based on transfer learning for transformer rectifier unit fault diagnosis. Measurement: Journal of the International Measurement Confederation, 2021, 167, 108257.	2.5	28
871	Accurate Impact Loading Rate Estimation During Running via a Subject-Independent Convolutional Neural Network Model and Optimal IMU Placement. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1215-1222.	3.9	20
872	A diagnostic prediction model for chronic kidney disease in internet of things platform. Multimedia Tools and Applications, 2021, 80, 16933-16950.	2.6	35
873	Vehicular Edge Computing and Networking: A Survey. Mobile Networks and Applications, 2021, 26, 1145-1168.	2.2	252
874	Path planning based on map matching in UAV/UGV collaboration system. International Journal of Intelligent Unmanned Systems, 2021, 9, 81-95.	0.6	9
875	Rice-net: an efficient artificial fish swarm optimization applied deep convolutional neural network model for identifying the Oryza sativa diseases. Neural Computing and Applications, 2021, 33, 5869-5884.	3.2	32
876	A novel secure solution of using mixed reality in data transmission for bowel and jaw surgical telepresence: enhanced rivest cipher RC6 block cipher. Multimedia Tools and Applications, 2021, 80, 5021-5046.	2.6	1
877	Machine learning and data mining in manufacturing. Expert Systems With Applications, 2021, 166, 114060.	4.4	291
878	Nanobiotechnology applications in food sector and future innovations. , 2021, , 197-225.		19
879	A Novel Convolutional Neural Network for Low-Speed Structural Fault Diagnosis Under Different Operating Condition and Its Understanding via Visualization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	17

#	Article	IF	CITATIONS
880	Daily tourist flow forecasting using <scp>SPCA</scp> and CNN‣STM neural network. Concurrency Computation Practice and Experience, 2021, 33, e5980.	1.4	12
881	Carbon Related Materials. , 2021, , .		5
882	Blockchain-based decentralized workload and energy management of geo-distributed data centers. Sustainable Computing: Informatics and Systems, 2021, 29, 100461.	1.6	5
883	Double Resonant Vertically Accessed Optical Waveguide Sensor. IEEE Sensors Journal, 2021, 21, 1478-1484.	2.4	2
884	A systematic review of convolutional neural network-based structural condition assessment techniques. Engineering Structures, 2021, 226, 111347.	2.6	183
885	Sniffing out fugitive methane emissions: autonomous remote gas inspection with a mobile robot. International Journal of Robotics Research, 2021, 40, 782-814.	5.8	10
886	Hybrid Elman Neural Network and an Invasive Weed Optimization Method for Bridge Defect Recognition. Transportation Research Record, 2021, 2675, 167-199.	1.0	16
887	Assessing SAR C-band data to effectively distinguish modified land uses in a heavily disturbed Amazon forest. International Journal of Applied Earth Observation and Geoinformation, 2021, 94, 102214.	1.4	32
888	Highly Sensitive Selfâ€₽owered H ₂ Sensor Based on Nanostructured Thermoelectric Silicon Fabrics. Advanced Materials Technologies, 2021, 6, .	3.0	9
889	Real-Time <i>In-Situ</i> Laser Ranging via Back Propagation Neural Network on FPGA. IEEE Sensors Journal, 2021, 21, 4664-4673.	2.4	6
890	Impact of glues used for RFIDs on the longevity and flight muscles of the stingless bee Melipona quadrifasciata (Apidae: Meliponini). Apidologie, 2021, 52, 328-340.	0.9	1
891	A Sensitive Surface-Enhanced Raman Spectroscopy Method for Detecting Tetracycline in Milk. Applied Spectroscopy, 2021, 75, 589-595.	1.2	11
892	A robust fault diagnosis approach for large-scale production process. Measurement: Journal of the International Measurement Confederation, 2021, 170, 108737.	2.5	3
893	Challenges and opportunities for on-line monitoring of chlorine-produced oxidants in seawater using portable membrane-introduction Fourier transform-ion cyclotron resonance mass spectrometry. Analytical and Bioanalytical Chemistry, 2021, 413, 885-900.	1.9	8
894	The Blockchain Random Neural Network for cybersecure IoT and 5G infrastructure in Smart Cities. Journal of Network and Computer Applications, 2021, 175, 102909.	5.8	46
895	Advanced Spatial Modulation Systems. Signals and Communication Technology, 2021, , .	0.4	6
896	Identifying spatially-explicit land use factors associated with forest patch sizes in a forest reserve in Ghana. Land Use Policy, 2021, 101, 105135.	2.5	5
897	Detecting surface-breaking flaws with a Hall effect gradiometric sensor. Measurement: Journal of the International Measurement Confederation, 2021, 171, 108808.	2.5	3

#	Article	IF	CITATIONS
898	Ultra-flexible and rollable 2D-MoS ₂ /Si heterojunction-based near-infrared photodetector <i>via</i> direct synthesis. Nanoscale, 2021, 13, 672-680.	2.8	54
899	ELMP: Efficient location based multicast protocol for mobile ad hoc networks. Materials Today: Proceedings, 2021, 37, 2558-2562.	0.9	1
900	Investigation on Spectral Indices and Soft Classifiers-Based Water Body Segmentation Approaches for Satellite Image Analysis. Journal of the Indian Society of Remote Sensing, 2021, 49, 341-356.	1.2	2
901	Portable Automatic Microring Resonator System Using a Subwavelength Grating Metamaterial Waveguide for High-Sensitivity Real-Time Optical-Biosensing Applications. IEEE Transactions on Biomedical Engineering, 2021, 68, 1894-1902.	2.5	13
902	Rice husk ash as a new humidity sensing material and its aging behavior. Sensors and Actuators B: Chemical, 2021, 328, 129049.	4.0	9
903	Evaluation of classification performance in human lower limb jump phases of signal correlation information and LSTM models. Biomedical Signal Processing and Control, 2021, 64, 102279.	3.5	25
904	Dynamic Effects of Temperature on FBG Pressure Sensors Used in Combustion Engines. IEEE Sensors Journal, 2021, 21, 3020-3027.	2.4	13
905	Early detection of melanoma images using gray level coâ€occurrence matrix features and machine learning techniques for effective clinical diagnosis. International Journal of Imaging Systems and Technology, 2021, 31, 682-694.	2.7	29
906	One-Hop Data Collection by Four Quadrants Moving Model for Mobile Sink Wireless Sensor Networks. Wireless Personal Communications, 2021, 116, 2855-2872.	1.8	1
907	Dynamic Variational Bayesian Student's T Mixture Regression With Hidden Variables Propagation for Industrial Inferential Sensor Development. IEEE Transactions on Industrial Informatics, 2021, 17, 5314-5324.	7.2	12
908	People Counting Using IR-UWB Radar Sensor in a Wide Area. IEEE Internet of Things Journal, 2021, 8, 5806-5821.	5.5	42
909	Partial Discharge Detection Framework Employing Spectral Analysis of Horizontal Visibility Graph. IEEE Sensors Journal, 2021, 21, 4819-4826.	2.4	12
910	On the designing a secure biometric-based remote patient authentication scheme for mobile healthcare environments. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3075-3089.	3.3	15
911	Distributed Pressure Sensing Using an Embedded-Core Capillary Fiber and Optical Frequency Domain Reflectometry. IEEE Sensors Journal, 2021, 21, 360-365.	2.4	7
912	Complexity-Effective Sequential Detection of Synchronization Signal for Cellular Narrowband IoT Communication Systems. IEEE Internet of Things Journal, 2021, 8, 2900-2909.	5.5	4
913	Icing-EdgeNet: A Pruning Lightweight Edge Intelligent Method of Discriminative Driving Channel for Ice Thickness of Transmission Lines. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	2.4	26
914	Environmental Remediation Through Carbon Based Nano Composites. Green Energy and Technology, 2021, , .	0.4	10
915	Gas Flaring: A Review Focused On Its Analysis From Space. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 258-281.	4.9	18

Article	IF	CITATIONS
Fault diagnosis of biological systems using improved machine learning technique. International Journal of Machine Learning and Cybernetics, 2021, 12, 515-528.	2.3	3
Data recovery in wireless sensor networks based on attribute correlation and extremely randomized trees. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 245-259.	3.3	23
HRNN4F: HYBRID DEEP RANDOM NEURAL NETWORK FOR MULTI-CHANNEL FALL ACTIVITY DETECTION. Probability in the Engineering and Informational Sciences, 2021, 35, 37-50.	0.6	18
Cross layer packet drop attack detection in MANET using swarm intelligence. International Journal of Information Technology (Singapore), 2021, 13, 523-532.	1.8	5
Cascaded MultiTask 3-D Fully Convolutional Networks for Pancreas Segmentation. IEEE Transactions on Cybernetics, 2021, 51, 2153-2165.	6.2	34
Land subsidence risk assessment using GIS fuzzy logic spatial modeling in Varamin aquifer, Iran. Geo Journal, 2021, 86, 1203-1223.	1.7	22
A 2-D DOA Estimation Method With Reduced Complexity in Unfolded Coprime L-Shaped Array. IEEE Systems Journal, 2021, 15, 407-410.	2.9	17
Deep Learning-Based Object Classification for Spectral Images. Communications in Computer and Information Science, 2021, , 147-159.	0.4	1
An Ecosystem Approach to the Design of Sensing Systems for Bicycles. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 580-595.	0.2	2
Intelligent fall detection system using traditional and non-traditional machine learning algorithm based on MQTT. AIP Conference Proceedings, 2021, , .	0.3	1
Operation mechanism of organic electrochemical transistors as redox chemical transducers. Journal of Materials Chemistry C, 2021, 9, 12148-12158.	2.7	17
Blockchain for Automotive Security and Privacy with Related Use Cases. Blockchain Technologies, 2021, , 185-214.	0.6	1
A Literature Survey on Identification of Asthma Using Different Classifier and Clustering Techniques. Studies in Computational Intelligence, 2021, , 69-80.	0.7	1
Context recognition and ubiquitous computing in smart cities: a systematic mapping. Computing (Vienna/New York), 2021, 103, 801-825.	3.2	3
Mood Estimation Method in a Group Using Smartwatches to Support Positive Tourism Experiences. International Journal of Affective Engineering, 2021, , .	0.2	1
Annealing treatment for enhancing of H2/C3H8 separation performance on polysulfone membrane. AIP Conference Proceedings, 2021, , .	0.3	2
Optimization of sol–gelÂbased ZnO metal–semiconductor–metal UV detectors by Zr doping through sputtering method. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	4
The Potential of Sentinel-2 Satellite Images for Land-Cover/Land-Use and Forest Biomass Estimation: A Review. , 0, , .		8
	Fault diagnosis of blological systems using improved machine learning technique. International Fault diagnosis of blological systems using improved machine learning technique. International Data recovery in wheless sensor networks based on attribute correlation and extremely randomized HRNN4F; HYBRD DEEP RANDOM NEURAL NETWORK FOR MULTI-CHANNEL FALL ACTIVITY DETECTION. Probability in the Engineering and Informational Sciences, 2021, 35, 37-50. Cross layer packet drop attack detection in MANET using swarm intelligence. International Journal of Information Technology (Singapore), 2021, 13, 523-532. Cascaded MultTash 3-D Fully Convolutional Networks for Pancreas Segmentation. IEEE Transactions on Cybernetics, 2021, 51, 2153-2165. Land subsidence risk assessment using CIS fuzzy logic spatial modeling in Varamin aquifer, Iran. Geo Journal, 2021, 86, 12021-1223. A 2-D DOA Estimation Method With Reduced Complexity in Unfolded Coprime L-Shaped Array. IEEE Systems Journal, 2021, 15, 407-410. Paep Learning Based Object Classification for Spectral Images. Communications in Computer and Informations and Nethod With Reduced Complexity in Unfolded Coprime L-Shaped Array. IEEE Systems Journal, 2021, 15, 407-410. Operation mechanism of organic electrochemical transistors as redox chemical transducers. Journal of Materials Chemistry C, 2021, 9, 12148-12158. Discochain for Automotive Security and Privacy with Related Use Cases. Blockchain Technologies, 2021, 135-2145. Discochain for Automotive Security and Privacy with Related Use Cases. Blockchain Technologies, 2021, 135-2145.	Fault disgnosis of biological systems using improved machine learning technique. International2.3Data recovery in wheless sensor networks based on attribute correlation and extremely randomized9.3Dista recovery in wheless sensor networks based on attribute correlation and extremely randomized9.3Dista recovery in wheless sensor networks based on attribute correlation and extremely randomized9.3Dista recovery in wheless sensor networks based on attribute correlation and extremely randomized9.3Dista recovery in wheless sensor networks based on attribute correlation and extremely randomized9.3Probability in the Engineering and Informational Sciences, 2021, 53, 37-50.0.6Cross layer packet drop attack detection in MANET using swarm intelligence. International Journal of1.8Cascaded MultiTask 3-0 Fully Convolutional Networks for Pancreas Segmentation. IEEE Transactions6.2Land subsidence risk assessment using CIS fuzzy logic spatial modeling in Varamin aquifer, Iran. Geo1.7A 2.D DA Stimation Method With Reduced Complexity in Unfolded Coprime L Shaped Array. IEEE2.9Deep Learning Based Olgice Classification for Spectral Images. Communications in Computer and for computer Sciences, 2021, 14-159.0.4A 1 Ecosystem Aproach to the Design of Sandrg Systems for Biologics, Lecture Notes of the Institute of Computer Science, 2021, 9, 12148-12158.0.4Operation mechanism of organic electrochemical transistors as redox chemical transducers. Journal of Materials Chemistry C, 2021, 9, 12148-12158.0.4A Lengineer Survey on Identification of Asthmu Using Different Classifier and Clustering Techniques.0.4Operation me

#	Article	IF	CITATIONS
935	An adaptive boosting algorithm based on weighted feature selection and category classification confidence. Applied Intelligence, 2021, 51, 6837-6858.	3.3	9
936	A comparative analysis of localization algorithms for visible light communication. Optical and Quantum Electronics, 2021, 53, 1.	1.5	16
937	State of the art in parallel ankle rehabilitation robot: a systematic review. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 52.	2.4	47
938	Detection of Urban and Environmental Changes via Remote Sensing. Circular Economy and Sustainability, 2021, 1, 1423-1437.	3.3	7
939	Compliant peripheral nerve interfaces. Journal of Neural Engineering, 2021, 18, 031001.	1.8	33
940	Feasible study on poly(Pyrrole-co-Pyrrole-3-Carboxylic Acid)-modified electrode for detection of 17β-Estradiol. Chemical Papers, 2021, 75, 3493-3503.	1.0	3
941	Hybrid Hydrogels for pH Indicator. Silicon, 0, , 1.	1.8	3
942	A Review on Structural Configurations of Magnetorheological Fluid Based Devices Reported in 2018–2020. Frontiers in Materials, 2021, 8, .	1.2	42
943	An energy-efficient cluster-based routing protocol using unequal clustering and improved ACO techniques for WSNs. Peer-to-Peer Networking and Applications, 2021, 14, 1334-1347.	2.6	47
944	A 2.53 NEF 8-bit 10 kS/s 0.5 μm CMOS Neural Recording Read-Out Circuit with High Linearity for Neuromodulation Implants. Electronics (Switzerland), 2021, 10, 590.	1.8	8
945	LoRaWAN for an IoT-based environmental monitoring application in Tirana city. Pollack Periodica, 2021, , .	0.2	1
946	Hexaferrocenium tri[hexa(isothiocyanato)iron(III)] trihydroxonium complex as a new DNA intercalator for electrochemical DNA biosensor. Scientific Reports, 2021, 11, 7883.	1.6	8
947	A new automatic measurement system for high-speed railway substructure settlement based on hydrostatic pressure difference levelling. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2022, 236, 80-90.	1.3	0
948	Fully Implantable Plantar Cutaneous Augmentation System for Rats Using Closed-loop Electrical Nerve Stimulation. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 326-338.	2.7	11
949	Wireless and battery-free platforms for collection of biosignals. Biosensors and Bioelectronics, 2021, 178, 113007.	5.3	40
950	MEMS with fringing field: curvature-dependent electrostatic field and numerical techniques for recovering the membrane profile. Computational and Applied Mathematics, 2021, 40, 1.	1.0	2
951	Modelo de sistema multisensor con enfoque de muestreo multifrecuencia. ReCIBE, 2021, 10, E1-E25.	0.2	0
952	<i>In vitro</i> biocompatibility study of microwave absorbing conducting polymer blend films for biomedical applications. Journal of Polymer Engineering, 2021, 41, 565-575.	0.6	3

#	ARTICLE Telerehabilitation-based trunk exercise training for motor symptoms of individuals with Parkinson's	IF	CITATIONS
953 954	disease: A randomized controlled clinical trial. Journal of Telemedicine and Telecare, 2023, 29, 698-706. Functional Evaluation of Larynx Nerve Stimulator With EMG Acquisition Capability and Wireless Connectivity. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 629-641.	1.4 2.7	6
955	Dominant Electromechanical Oscillation Mode Identification using Modified Variational Mode Decomposition. Arabian Journal for Science and Engineering, 2021, 46, 10007-10021.	1.7	7
956	New perspectives of hyperspectral imaging for clinical research. NIR News, 2021, 32, 5-13.	1.6	13
957	Measuring Feed Force in Machining Using a Strain Gage. Journal of Energy Mechanical Material and Manufacturing Engineering, 2021, 6, 9-14.	0.1	0
958	Thermoelectric use in various renewable alternative energy source. Journal of Physics: Conference Series, 2021, 1918, 022039.	0.3	0
959	Soft Devices for High-Resolution Neuro-Stimulation: The Interplay Between Low-Rigidity and Resolution. Frontiers in Medical Technology, 2021, 3, 675744.	1.3	7
960	Methodological Guidelines Designed to Improve the Quality of Research on Cross-Country Skiing. Journal of Science in Sport and Exercise, 2021, 3, 207-223.	0.4	13
961	A Facile Approach to Distinct Unusual Sucrose in Honey by Titanium Oxide Nanoparticles. Plasmonics, 2022, 17, 65-70.	1.8	0
962	Ultrasoundâ€Powered Implants: A Critical Review of Piezoelectric Material Selection and Applications. Advanced Healthcare Materials, 2021, 10, e2100986.	3.9	27
963	Bio-inspired cluster–based optimal target identification using multiple unmanned aerial vehicles in smart precision agriculture. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110340.	1.3	5
965	Improvement strategies of food supply chain through novel food processing technologies during COVID-19 pandemic. Food Control, 2021, 125, 108010.	2.8	67
966	Multi-scale object detection for high-speed railway clearance intrusion. Applied Intelligence, 2022, 52, 3511-3526.	3.3	6
967	Robot and virtual reality-based intervention in autism: a comprehensive review. International Journal of Information Technology (Singapore), 2021, 13, 1879-1891.	1.8	9
968	Feature extraction method of pipeline signal based on parameter optimized vocational mode decomposition and exponential entropy. Transactions of the Institute of Measurement and Control, 2022, 44, 216-231.	1.1	3
969	Neurochip3: An Autonomous Multichannel Bidirectional Brain-Computer Interface for Closed-Loop Activity-Dependent Stimulation. Frontiers in Neuroscience, 2021, 15, 718465.	1.4	10
970	Capela da Fazenda Veneza: análise comparativa da precisão de nuvens de pontos obtidas por diferentes ferramentas e técnicas de fotogrametria. Gestão & Tecnologia De Projetos, 2021, 16, .	0.1	0
971	GLOBAL OUTLOOK ON MEDICAL DEVICE INDUSTRY. International Journal of Pharmacy and Pharmaceutical Sciences, 0, , 1-8.	0.3	0

#	Article	IF	CITATIONS
972	Monitoring bond-slip behavior of CFRP-RCESC beams using piezoelectric active sensing method. Advances in Bridge Engineering, 2021, 2, .	0.8	3
973	Deep Convolutional Neural Network Framework for Diagnostics of Planetary Gearboxes Under Dynamic Loading With Feature-Level Data Fusion. Journal of Vibration and Acoustics, Transactions of the ASME, 2022, 144, .	1.0	2
975	Closed-Loop Plantar Cutaneous Augmentation by Electrical Nerve Stimulation Increases Ankle Plantarflexion During Treadmill Walking. IEEE Transactions on Biomedical Engineering, 2021, 68, 2798-2809.	2.5	5
976	Measuring Correlates of Mental Workload During Simulated Driving Using cEEGrid Electrodes: A Test–Retest Reliability Analysis. Frontiers in Neuroergonomics, 2021, 2, .	0.6	6
977	Innovative Wearable Sensors Based on Hybrid Materials for Real-Time Breath Monitoring. , 0, , .		2
978	In situ detection of oil leakage by new self-sensing nanocomposite sensor containing MWCNTs. Applied Nanoscience (Switzerland), 2021, 11, 2433-2445.	1.6	3
979	Effects of similarity/distance metrics on k-means algorithm with respect to its applications in IoT and multimedia: a review. Multimedia Tools and Applications, 2022, 81, 37007-37032.	2.6	9
980	Blast Hazard Resilience Using Machine Learning for West Fertilizer Plant Explosion. Journal of Performance of Constructed Facilities, 2021, 35, .	1.0	2
981	Hydro-climatic and land use/cover changes in Nasia catchment of the White Volta basin in Ghana. Theoretical and Applied Climatology, 2021, 146, 1297-1314.	1.3	4
982	A review on drones controlled in real-time. International Journal of Dynamics and Control, 2021, 9, 1832-1846.	1.5	46
984	Feature Extraction Mining for Student Performance Analysis. Lecture Notes in Electrical Engineering, 2020, , 785-797.	0.3	4
985	Designing and Implementation of Overhead Conductor Altitude Measurement System Using GPS for Sag Monitoring. Lecture Notes in Electrical Engineering, 2020, , 183-194.	0.3	3
986	Electrochemical DNA Biosensors Based on Carbon Nanomaterials. , 2021, , 209-247.		2
987	Effective epileptic seizure detection based on the event-driven processing and machine learning for mobile healthcare. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 3619-3631.	3.3	12
989	Haptic Systems in User Interfaces. , 2019, , .		9
990	Aircraft Gearbox Fault Diagnosis System: An Approach based on Deep Learning Techniques. Journal of Intelligent Systems, 2020, 30, 258-272.	1.2	17
991	Nanophotonics for bacterial detection and antimicrobial susceptibility testing. Nanophotonics, 2020, 9, 4447-4472.	2.9	11
992	Walking and postural balance in adults with severe short stature due to isolated GH deficiency. Endocrine Connections, 2019, 8, 416-424.	0.8	5

#	Article	IF	CITATIONS
993	Development of a Real-Time Force and Temperature Sensing System with MEMS-LSI Integrated Tactile Sensors for Next-Generation Robots. Journal of Robotics and Mechatronics, 2020, 32, 323-332.	0.5	5
994	Scoring Cercospora Leaf Spot on Sugar Beet: Comparison of UGV and UAV Phenotyping Systems. Plant Phenomics, 2020, 2020, 9452123.	2.5	14
995	Design of a Face Recognition System based on Convolutional Neural Network (CNN). Engineering, Technology & Applied Science Research, 2020, 10, 5608-5612.	0.8	30
996	Non-destructive Photosynthetic Pigments Prediction using Multispectral Imagery and 2D-CNN. International Journal of Computing, 0, , 391-399.	1.5	1
997	Recursive Gauss-Helmert model with equality constraints applied to the efficient system calibration of a 3D laser scanner. Journal of Applied Geodesy, 2022, 16, 37-57.	0.6	4
998	Apuntes en sismologÃa e instrumentación. #Ashtag, 2018, , 11-20.	0.0	0
999	On the Stability of a Pass-Thought Security System in Different Brain States. Lecture Notes in Computer Science, 2019, , 556-567.	1.0	0
1001	A New Approach of Finding Transfer Function of Piezoelectric Actuator Using Finite Element Modelling. Lecture Notes in Mechanical Engineering, 2020, , 112-128.	0.3	0
1002	MODIFICATION AND PARALLELIZATION OF GENETIC ALGORITHM FOR SYNTHESIS OF ARTIFICIAL NEURAL NETWORKS. Radìoelektronika, Ìnformatika, Upravlìnnâ, 2019, .	0.1	4
1003	Fault detection of rolling bearing based on principal component analysis and empirical mode decomposition. AIMS Mathematics, 2020, 5, 5916-5938.	0.7	3
1004	Mathematical Models for Verification of Ergatic Systems of Railway Automation. Visnyk of Vinnytsia Politechnical Institute, 2020, 151, 7-14.	0.0	0
1005	New Stimulation Device to Drive Multiple Transverse Intrafascicular Electrodes and Achieve Highly Selective and Rich Neural Responses. Sensors, 2021, 21, 7219.	2.1	6
1006	Near-zero phase-lag hyperscanning in a novel wireless EEG system. Journal of Neural Engineering, 2021, 18, 066010.	1.8	2
1007	Toward lightweight intrusion detection systems using the optimal and efficient feature pairs of the Bot-IoT 2018 dataset. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110522.	1.3	3
1008	Multilayered Nanostructures Integrated with Emerging Technologies. , 0, , .		1
1009	A robust in-motion attitude alignment method for odometer-aided strapdown inertial navigation system. Review of Scientific Instruments, 2020, 91, 125006.	0.6	6
1010	Human activity recognition and classification using of convolutional neural networks and recurrent neural networks. International Journal of Applied Mathematics Electronics and Computers, 0, , 185-189.	0.6	2
1011	Correlation Analysis between Lower Extremity Strength and Walking Characteristics in Indoor and Outdoor Area Based on Acceleration and Angular Velocity Sensor. Biomechanisms, 2020, 25, 81-93.	0.1	0

#	Article	IF	CITATIONS
1012	MEASUREMENT OF FOOT ACCELERATION WHILE RUNNING DEPENDING ON PAVEMENT TYPES WITH WEARABLE MOTION SENSOR. Journal of Japan Society of Civil Engineers Ser E1 (Pavement Engineering), 2020, 76, 51-59.	0.3	1
1013	Recent Advances and Challenges in Al for Sustainable Agricultural Systems. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 119-132.	0.4	0
1014	Machine learning approaches for burned area identification using Sentinel-2 in Central Kalimantan. Journal of Applied Engineering Science, 2020, 18, 207-215.	0.4	3
1015	An optimal resource allocation scheme for virtual machine placement of deploying enterprise applications into the cloud. AIMS Mathematics, 2020, 5, 3966-3989.	0.7	3
1016	Implantable Interface for an Arm Neuroprosthesis. , 2021, , .		1
1017	Generalization techniques of neural networks for fluid flow estimation. Neural Computing and Applications, 2022, 34, 3647-3669.	3.2	36
1018	Intelligent Sensors for Sustainable Food and Drink Manufacturing. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	10
1019	Radius Nearest Neighbour Based Feature Classification for Occlusion Handling. Pattern Recognition and Image Analysis, 2020, 30, 416-427.	0.6	4
1020	The obstacle-surmounting analysis of a pole-climbing robot. International Journal of Advanced Robotic Systems, 2020, 17, 172988142097914.	1.3	5
1021	Evaluation of the Relationship between the Visual Aesthetic Liking of Landscapes and Landscape Diversity with the Objective Paradigm. Bartın Orman Fakültesi Dergisi, 2020, 22, 802-818.	0.2	1
1022	Revisiting the Development of Probiotic-based Functional Chocolates. Reviews in Agricultural Science, 2021, 9, 233-248.	0.9	5
1023	Oil spill detection over ocean surface using deep learning: a comparative study. Marine Systems and Ocean Technology, 2021, 16, 213-220.	0.5	7
1024	An Investigation on Engine Mass Airflow Sensor Production via TQM, TPM, and Six Sigma Practices. SN Operations Research Forum, 2021, 2, 1.	0.6	2
1025	A Leader–Follower Sequential Game Approach to Optimizing Parameters for Intelligent Vehicle Formation Control. International Journal of Fuzzy Systems, 2022, 24, 1390-1405.	2.3	2
1026	Design of deer hunting optimization algorithm for accurate 3D indoor node localization. Evolutionary Intelligence, 0, , 1.	2.3	0
1027	Investigating mining-induced surface subsidence and potential damages based on SBAS-InSAR monitoring and GIS techniques: a case study. Environmental Earth Sciences, 2021, 80, 1.	1.3	14
1028	Image Electronics Information Sensing. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2018, 72, 537-550.	0.0	0
1029	Design of a 1 ampere high-precision thin-film resistive current transducer with negligible frequency dependence from DC to 100 KHz. Revista Mexicana De FÃsica, 2020, 66, 589-603.	0.2	Ο

#	Article	IF	CITATIONS
1030	ARCHITECTURE OF A NEURAL NETWORK ANALYZER OF BIOMETRIC PARAMETERS OF LISTENERS OF THE DISTANCE LEARNING SYSTEM. Management of Development of Complex Systems, 2020, , 91-99.	0.0	0
1031	RADAR CROSS-SECTION IMAGING IN SYNTHETIC APERTURE RADAR WITH LINEAR ANTENNA ARRAY AND ADAPTIVE RECEIVER. Radìoelektronika, Ìnformatika, Upravlìnnâ, 2020, .	0.1	0
1032	Energy-Efficient modular RF interface for fully implantable electrical devices in small rodents. , 2021, ,		3
1033	Design and development of an indoor navigation system using denoising autoencoder based convolutional neural network for visually impaired people. Multimedia Tools and Applications, 2022, 81, 3483-3514.	2.6	11
1034	TinyLFP: A Tiny Local-Field-Potential Sensor. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 266-273.	2.1	4
1036	Batteryâ€Free and Wireless Technologies for Cardiovascular Implantable Medical Devices. Advanced Materials Technologies, 2022, 7, .	3.0	33
1037	A Transparent Metasurface Absorber/Emitter with High Solar Thermal Transfer Efficiency for Combined Solar/Thermal Conversion Application. Plasmonics, 2022, 17, 921-929.	1.8	3
1039	Revisiting Some Recently Developed Conducting Polymer@Metal Oxide Nanostructures for Electrochemical Sensing of Vital Biomolecules: A Review. Journal of Analysis and Testing, 2022, 6, 274-295.	2.5	24
1040	Photoacoustic tomography imaging system based on laser diode to distinguish biological tissue and image enhancement with application of foodstuff contrast agent. AIP Conference Proceedings, 2022, , .	0.3	1
1041	Blockchain Applications in Smart Grid A Review and a Case Study. Lecture Notes in Business Information Processing, 2022, , 130-149.	0.8	2
1042	Estimation of breakage position in wire rope cross-section by geometrical formulation of wire shape. Transactions of the JSME (in Japanese), 2022, , .	0.1	1
1045	Application of machine vision-based NDT technology in ceramic surface defect detection– a review. Materialpruefung/Materials Testing, 2022, 64, 202-219.	0.8	8
1046	Investigation of Ferroelectricity and Piezoelectricity in Polar and Non-polar Polymers. Brazilian Journal of Physics, 2022, 52, 1.	0.7	0
1047	Recent advances in wireless epicortical and intracortical neuronal recording systems. Science China Information Sciences, 2022, 65, 1.	2.7	12
1048	A novel flying–walking power line inspection robot and stability analysis hanging on the line under wind loads. Mechanical Sciences, 2022, 13, 257-273.	0.5	15
1049	Dataflow Driven Partitioning of Machine Learning Applications for Optimal Energy Use in Batteryless Systems. Transactions on Embedded Computing Systems, 2022, 21, 1-29.	2.1	2
1050	Monitoring the tropical cyclone â€~Yass' and â€~Amphan' affected flood inundation using Sentinel-1/2 dat and Google Earth Engine. Modeling Earth Systems and Environment, 2022, 8, 4317-4332.	.a 1.9	16
1051	Role and challenges of internet of things and informatics in Healthcare research. Health and Technology, 2022, 12, 701-712.	2.1	4

#	Article	IF	CITATIONS
1052	Mass estimation method for intelligent vehicles based on fusion of machine learning and vehicle dynamic model. Autonomous Intelligent Systems, 2022, 2, 1.	2.0	6
1053	A Study on Biocompatible Polymer-Based Packaging of Neural Interface for Chronic Implantation. Micromachines, 2022, 13, 516.	1.4	6
1054	Remote Sensing System for Motor Nerve Impulse. Sensors, 2022, 22, 2823.	2.1	1
1055	A novel smartphone-based activity recognition modeling method for tracked equipment in forest operations. PLoS ONE, 2022, 17, e0266568.	1.1	3
1056	MAIDE: Augmented Reality (AR)-facilitated Mobile System for Onboarding of Internet of Things (IoT) Devices at Ease. ACM Transactions on Internet of Things, 2022, 3, 1-21.	3.4	2
1057	E-HEALTH PERSONAL DATA PROTECTION IN INDONESIA. Jurnal Hukum Kesehatan Indonesia, 2022, 1, 121-131.	0.2	1
1058	Embedded system design for classification of COPD and pneumonia patients by lung sound analysis. Biomedizinische Technik, 2022, 67, 201-218.	0.9	2
1060	Review of pose estimation within European ship-automation projects using GNSS-based navigation. Automatisierungstechnik, 2022, 70, 420-432.	0.4	0
1061	Imitation learning based decision-making for autonomous vehicle control at traffic roundabouts. Multimedia Tools and Applications, 2022, 81, 39873-39889.	2.6	10
1062	Commercial Off-the-Shelf Components (COTS) in Realizing Miniature Implantable Wireless Medical Devices: A Review. Sensors, 2022, 22, 3635.	2.1	5
1063	A Hand Gesture-Based Authentication Method thatÂMakes Forgery Difficult. Lecture Notes in Computer Science, 2022, , 268-279.	1.0	1
1064	MSANet: Multi-scale attention networks for image classification. Multimedia Tools and Applications, 2022, 81, 34325-34344.	2.6	3
1066	Surface Plasmon Resonance Biosensors Based on Kretschmann Configuration: Basic Instrumentation and Applications. Lecture Notes in Nanoscale Science and Technology, 2022, , 191-222.	0.4	2
1068	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
1069	Land Use Land Cover Classification Using Different ML Algorithms on Sentinel-2 Imagery. Lecture Notes in Electrical Engineering, 2022, , 761-777.	0.3	5
1071	Stochastic Security Ephemeral Generation Protocol for 5G Enabled Internet of Things. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 3-18.	0.2	1
1074	MetodologÃa para el diseño de un sistema de energÃa hÃbrido con enfoque didáctico: estudio de caso Centro Educativo Luis López de Mesa. IngenierÃa, 2022, 27, e17876.	0.1	1
1075	Breast density measurement methods on mammograms: a review. Multimedia Systems, 0, , .	3.0	Ο

#	Article	IF	CITATIONS
1076	Ultra-high figure of merit refractive index sensor based on concentric ring and disk resonator. Journal of Optics (India), 2023, 52, 120-127.	0.8	0
1077	Plataforma de enseñanza a distancia de microcontroladores e internet de las cosas. Ingenius: Revista De Ciencia Y TecnologÃa, 2022, , 53-62.	0.1	1
1078	Structural adhesive damage identification of glass curtain wall. Nonlinear Dynamics, 2022, 110, 2573-2587.	2.7	1
1079	A Scoping Review of Machine Learning Techniques and Their Utilisation in Predicting Heart Diseases. Ibn Al-Haitham Journal for Pure and Applied Sciences, 2022, 35, 175-189.	0.1	1
1080	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
1081	EFFECT OF THE STRUCTURAL FEATURES OF METAL PHTHALOCYANINE FILMS ON THEIR ELECTROPHYSICAL PROPERTIES. Journal of Structural Chemistry, 2022, 63, 997-1018.	0.3	1
1082	TECNOLOGÃA BLOCKCHAIN: DESAFÃOS PRESENTES Y FUTUROS EN SU APLICACIÓN. Revista Conhecimento Online, 0, 2, 258-273.	0.0	1
1083	An Implantable Neuromorphic Sensing System Featuring Near-Sensor Computation and Send-on-Delta Transmission for Wireless Neural Sensing of Peripheral Nerves. IEEE Journal of Solid-State Circuits, 2022, 57, 3058-3070.	3.5	15
1084	A Fully Implantable Opto-Electro Closed-Loop Neural Interface for Motor Neuron Disease Studies. IEEE Transactions on Biomedical Circuits and Systems, 2022, 16, 752-765.	2.7	7
1085	Review of advanced techniques for manufacturing biocomposites: non-destructive evaluation and artificial intelligence-assisted modeling. Journal of Materials Science, 2022, 57, 16091-16146.	1.7	18
1086	Impact of Carcinogenic Benzene on Electronic Properties of Mn- and Fe-Doped MoSe2 Monolayer. Lecture Notes in Electrical Engineering, 2023, , 111-118.	0.3	0
1087	Automatic Assessment of the Type and Intensity of Agitated Hand Movements. Journal of Healthcare Informatics Research, 0, , .	5.3	0
1088	A Smart Logistic Classification Method for Remote Sensed Image Land Cover Data. SN Computer Science, 2022, 3, .	2.3	2
1089	Prediction of enhanced bipolar disorder in autistic children using denoising convolutional neural network. Network Modeling Analysis in Health Informatics and Bioinformatics, 2022, 11, .	1.2	0
1090	A Wirelessly Powered 4-Channel Neurostimulator for Reconstructing Walking Trajectory. Sensors, 2022, 22, 7198.	2.1	1
1091	Deep Learning Techniques for Leaf Health Prediction. Algorithms for Intelligent Systems, 2023, , 179-192.	0.5	0
1092	Wire breakage evaluation of IWRC 6×Fi(29) considering position in wire rope cross section. Journal of Occupational Safety and Health, 2022, 15, 113-122.	0.0	0
1093	IoT for measuring road network quality index. Neural Computing and Applications, 0, , .	3.2	1

#	Article	IF	Citations
1094	Reliability of wearable sensors-based parameters for the assessment of knee stability. PLoS ONE, 2022, 17, e0274817.	1.1	3
1095	Real Time Estimation of Road Bank Disturbance and Vehicle Side Slip Angle. International Journal of Intelligent Transportation Systems Research, 2022, 20, 759-767.	0.6	1
1096	A Computer Vision Model for Detecting Suspicious Behaviour from Multiple Cameras in Crime Hotspots Using Convolutional Neural Networks. Communications in Computer and Information Science, 2022, , 197-209.	0.4	2
1097	A Method for Improving Efficiency and Security of FANET Using Chaotic Black Hole Optimization-Based Routing (BHOR) Technique. Lecture Notes in Electrical Engineering, 2022, , 15-27.	0.3	0
1098	Bioluminescence Sensors for Environmental Monitoring. , 2022, , 149-174.		0
1099	Robust Identification of Road Surface Condition Based on Ego-Vehicle Trajectory Reckoning. Automotive Innovation, 2022, 5, 376-387.	3.1	2
1100	Land use land cover representation through supervised machine learning methods: sensitivity on simulation of urban thunderstorms in the east coast of India. Natural Hazards, 0, , .	1.6	1
1101	A Review of Collaborative Air-Ground Robots Research. Journal of Intelligent and Robotic Systems: Theory and Applications, 2022, 106, .	2.0	6
1102	Detection of road traffic anomalies based on computational data science. Discover Internet of Things, 2022, 2, .	3.3	1
1103	Design of a Multi-Mode Animal Behavior Analysis System with Dual-View Video and Wireless Bio-Potential Acquisition. , 2022, , .		1
1104	Towards a Fully Implantable Closed-Loop Opto-Electro Stimulation Interface for Motor Neuron Disease Treatment. , 2022, , .		2
1105	Approaches to the Task of Searching for Anomalies on the Conveyor Line Using Neural Networks. Lecture Notes in Networks and Systems, 2023, , 1159-1168.	0.5	0
1106	Model of Atmospheric Effects Onto a Group of Unmanned Aerial Vehicles. Lecture Notes in Networks and Systems, 2023, , 17-27.	0.5	0
1107	A new belief entropy measure in the weighted combination rule under DST with faulty diagnosis and real-life medical application. International Journal of Machine Learning and Cybernetics, 2023, 14, 1179-1203.	2.3	4
1108	Experimental Research of Educational Content Tracking by Students Group for Distance Learning. Communications in Computer and Information Science, 2022, , 229-251.	0.4	0
1109	Energy efficient and secure healthcare data transmission in the internet of medical things network. Microsystem Technologies, 2023, 29, 539-551.	1.2	4
1110	A sensitive voltammetric sensor for the simultaneous determination of norepinephrine and its co-transmitter octopamine using a biopolymer modified glassy carbon electrode. Ionics, 2023, 29, 819-831.	1.2	3
1111	Electrochemical Detection of Cancer Fingerprint: A Systematic Review on Recent Progress in Extracellular Vesicle Research from Lab to Market. , 2023, , 47-77.		0

#	Article	IF	CITATIONS
1112	KAMTFENet: a fall detection algorithm based on keypoint attention module and temporal feature extraction. International Journal of Machine Learning and Cybernetics, 0, , .	2.3	3
1113	Social-aware D2MD user grouping based on game theory and deep Q-learning. Peer-to-Peer Networking and Applications, 0, , .	2.6	Ο
1114	Emotion Recognition on EEG Signal Using ResNeXt Attention 2D-3D Convolution Neural Networks. Neural Processing Letters, 0, , .	2.0	2
1115	Collaborative adoption of blockchain technology: A supply chain contract perspective. Frontiers of Engineering Management, 2023, 10, 121-142.	3.3	35
1116	Integrated CS-clustering mechanism for network lifetime improvisation in WSN. Multimedia Tools and Applications, 0, , .	2.6	2
1117	Signature of Vehicles Crossing a Detection Field Composed of Image Blocks. Lecture Notes in Networks and Systems, 2023, , 15-27.	0.5	1
1118	IoT Security Challenges for Smart Homes. Smart Innovation, Systems and Technologies, 2023, , 41-49.	0.5	2
1119	Computational Approaches for Diagnosis and Monitoring of Epilepsy from Scalp EEG. , 2023, , 3265-3295.		0
1120	Sensors and Data in Mobile Robotics for Localisation. , 2022, , 2223-2238.		1
1121	New Insights on Water Quality and Land Use Dynamics in the Napo Region of Western Amazonia. The Latin American Studies Book Series, 2023, , 81-115.	0.1	0
1122	Extremely Randomized Tree Based Sentiment Polarity Classification on Online Product Reviews. Lecture Notes in Computer Science, 2022, , 159-171.	1.0	0
1123	A vision-based real-time traffic flow monitoring system for road intersections. Multimedia Tools and Applications, 2023, 82, 25155-25174.	2.6	1
1124	Trajectory Generator for Hypersonic Vehicle Based on Flight Dynamics. Lecture Notes in Electrical Engineering, 2023, , 1151-1162.	0.3	0
1126	Backstepping control for the optoelectronic stabilized platform based on adaptive fuzzy logic system and nonlinear disturbance observer. Nonlinear Dynamics, 2023, 111, 8347-8368.	2.7	5
1127	Neuromorphic Computing for Compact LiDAR Systems. , 2023, , 191-240.		0
1128	Random Forest Analysis of Land Use and Land Cover Change Using Sentinel-2 Data in Van Yen, Yen Bai Province, Vietnam. Environmental Science and Engineering, 2023, , 429-445.	0.1	3
1129	Urban Change Detection Analysis Using Big Data and Machine Learning: A Review. , 2023, , 125-133.		0
1131	Protecting Video Streaming for Automatic Accident Notification in Smart Cities. Springer Proceedings in Complexity, 2023, , 299-307.	0.2	0

#	Article	IF	CITATIONS
1132	Flexible Needle Steering with Tethered and Untethered Actuation: Current States, Targeting Errors, Challenges and Opportunities. Annals of Biomedical Engineering, 2023, 51, 905-924.	1.3	3
1133	Optimized Localization Learning Algorithm for Indoor and Outdoor Localization System in WSNs. Wireless Personal Communications, 2023, 130, 651-672.	1.8	3
1134	Design of a tetra-band MIM plasmonic absorber based on triangular arrays in an ultra-compact MIM waveguide. Optical and Quantum Electronics, 2023, 55, .	1.5	2
1135	Designing INS/GNSS integrated navigation systems by using IPO algorithms. Neural Computing and Applications, 2023, 35, 15461-15475.	3.2	1
1136	Akciğer tümör tespiti için mikrodalga sistem tasarımı ve analizler. Journal of the Faculty of Engineering and Architecture of Gazi University, 0, , .	0.3	0
1137	Edge Al-Based Closed-Loop Peripheral Nerve Stimulation System for Gait Rehabilitation after Spinal Cord Injury. , 2023, , .		0
1139	Design of a Configurable 16-Electrode Sense and Stimulation Neuromodulation System. , 2023, , .		0