

Instantaneous Real-Time Kinematic Decimeter-Level P Triple-Frequency Signals over Medium Baselines

Sensors

16, 1

DOI: [10.3390/s16010001](https://doi.org/10.3390/s16010001)

Citation Report

#	ARTICLE	IF	CITATIONS
3	Perspectives and prospects of unmanned aerial vehicle in remote sensing monitoring of biodiversity. Biodiversity Science, 2016, 24, 1267-1278.	0.2	12
4	Adaptive Sampling-Based Information Collection for Wireless Body Area Networks. Sensors, 2016, 16, 1385.	2.1	2
5	A Novel Zero Velocity Interval Detection Algorithm for Self-Contained Pedestrian Navigation System with Inertial Sensors. Sensors, 2016, 16, 1578.	2.1	32
6	Application of Sample Entropy Based LMD-TFPP De-Noiseing Algorithm for the Gear Transmission System. Entropy, 2016, 18, 414.	1.1	18
7	Sensing Human Activity for Smart Cities™ Mobility Management. , 2016, , .		6
8	Dominant Channel Occupancy for Wi-Fi Backscatter Uplink in Industrial Internet of Things. Applied Sciences (Switzerland), 2016, 6, 427.	1.3	10
9	Computer-Aided Sensor Development Focused on Security Issues. Sensors, 2016, 16, 759.	2.1	9
10	Two-Dimensional DOA and Polarization Estimation for a Mixture of Uncorrelated and Coherent Sources with Sparsely-Distributed Vector Sensor Array. Sensors, 2016, 16, 789.	2.1	9
11	A Novel Multi-Sensor Environmental Perception Method Using Low-Rank Representation and a Particle Filter for Vehicle Reversing Safety. Sensors, 2016, 16, 848.	2.1	10
12	Policy 2.0 Platform for Mobile Sensing and Incentivized Targeted Shifts in Mobility Behavior. Sensors, 2016, 16, 1035.	2.1	34
13	Theoretical and Experimental Study on Wide Range Optical Fiber Turbine Flow Sensor. Sensors, 2016, 16, 1095.	2.1	5
14	Enhanced Gender Recognition System Using an Improved Histogram of Oriented Gradient (HOG) Feature from Quality Assessment of Visible Light and Thermal Images of the Human Body. Sensors, 2016, 16, 1134.	2.1	16
15	Identification of Quorum-Sensing Signal Molecules and a Biosynthetic Gene in Alicyclophilus sp. Isolated from Activated Sludge. Sensors, 2016, 16, 1218.	2.1	11
16	Implementation and Analysis of a Wireless Sensor Network-Based Pet Location Monitoring System for Domestic Scenarios. Sensors, 2016, 16, 1384.	2.1	16
17	A Theoretical and Empirical Integrated Method to Select the Optimal Combined Signals for Geometry-Free and Geometry-Based Three-Carrier Ambiguity Resolution. Sensors, 2016, 16, 1929.	2.1	4
18	State of the Art, Trends and Future of Bluetooth Low Energy, Near Field Communication and Visible Light Communication in the Development of Smart Cities. Sensors, 2016, 16, 1968.	2.1	55
19	A Novel Camera Calibration Method Based on Polar Coordinate. PLoS ONE, 2016, 11, e0165487.	1.1	7
20	Model for a pulsed terahertz quantum cascade laser under optical feedback. Optics Express, 2016, 24, 20554.	1.7	16

#	ARTICLE	IF	CITATIONS
21	Link Investigation of IEEE 802.15.4 Wireless Sensor Networks in Forests. <i>Sensors</i> , 2016, 16, 987.	2.1	14
22	A Novel Confident Information Coverage Hole Detection Algorithm in Sensor Networks. , 2016, , .		0
23	Seam-based variable-step Bresenham blending method for real-time video mosaicking. <i>Journal of Electronic Imaging</i> , 2016, 25, 053008.	0.5	1
24	A 94GHz millimeter-wave radar conduct speech enhancement based on signal subspace algorithm. , 2016, , .		0
25	A Wearable Inertial Measurement System With Complementary Filter for Gait Analysis of Patients With Stroke or Parkinsonâ€™s Disease. <i>IEEE Access</i> , 2016, 4, 8442-8453.	2.6	88
26	A handwritten digit recognition method based on hybrid features extraction and its application to a temperature sensor array. , 2016, , .		1
27	Wireless Remote Patient Monitoring System: Effects of Interference. , 2016, , .		4
28	Analysis of Counterfeit Coated Tablets and Multi-Layer Packaging Materials Using Infrared Microspectroscopic Imaging. <i>Microscopy and Microanalysis</i> , 2016, 22, 649-655.	0.2	5
29	Accelerometer profile of motion of the pelvic girdle in breaststroke swimming. <i>Journal of Human Kinetics</i> , 2016, 52, 147-156.	0.7	6
30	IndoorGuide â€™ A multi sensor pedestrian navigation system for precise and robust indoor localization. , 2016, , .		4
31	EEORS: Energy Efficient Optimal Relay Selection Protocol for Underwater WSNs. , 2016, , .		4
32	3D shape measurement with thermal pattern projection. <i>Advanced Optical Technologies</i> , 2016, 5, 405-413.	0.9	4
33	Experimental study on a feasibility of using electromagnetic wave cylindrical cavity sensor to monitor the percentage of water fraction in a two phase system. <i>Sensors and Actuators A: Physical</i> , 2016, 245, 140-149.	2.0	23
34	Integrating Features for Accelerometer-based Activity Recognition. <i>Procedia Computer Science</i> , 2016, 98, 522-527.	1.2	67
35	A data driven partial ambiguity resolution: Two step success rate criterion, and its simulation demonstration. <i>Advances in Space Research</i> , 2016, 58, 2435-2452.	1.2	13
36	Development and Testing of the Toronto Nutrition Environment Measures Surveyâ€™Store (ToNEMS-S). <i>Journal of Nutrition Education and Behavior</i> , 2016, 48, 723-729.e1.	0.3	16
37	Web Performance Evaluation for Internet of Things Applications. <i>IEEE Access</i> , 2016, 4, 6974-6992.	2.6	91
38	A Closed-Form Solution for RSS/AoA Target Localization by Spherical Coordinates Conversion. <i>IEEE Wireless Communications Letters</i> , 2016, 5, 680-683.	3.2	84

#	ARTICLE	IF	CITATIONS
39	Electrical characterization of reduced graphene oxide deposited on interdigitated electrodes. , 2016, , .		4
40	A novel methodology to predict urban traffic congestion with ensemble learning. Soft Computing, 2016, 20, 4205-4216.	2.1	21
41	Synthesis and electrochemical detection of a thiazolyl-indole natural product isolated from the nosocomial pathogen Pseudomonas aeruginosa. Analytical and Bioanalytical Chemistry, 2016, 408, 6361-6367.	1.9	13
42	An indoor self-localization algorithm using the calibration of the online magnetic fingerprints and indoor landmarks. , 2016, , .		31
43	Nonconvex compressive video sensing. Journal of Electronic Imaging, 2016, 25, 063003.	0.5	2
44	Terahertz frequency quantum cascade lasers: Optical feedback effects and applications. , 2016, , .		1
45	Energy efficiency and area spectral efficiency tradeoff for coexisting wireless body sensor networks. Science China Information Sciences, 2016, 59, 1.	2.7	2
46	Detection of object vibrations from high speed infrared images. Proceedings of SPIE, 2016, , .	0.8	1
47	Secure Index for Resource-Constraint Mobile Devices in Cloud Computing. IEEE Access, 2016, 4, 9119-9128.	2.6	11
48	Norwegian internet voting protocol revisited: ballot box and receipt generator are allowed to collude. Security and Communication Networks, 2016, 9, 5051-5063.	1.0	3
49	An Adaptive Road Traffic Regulation with Simulation and Internet of Things. , 2016, , .		1
50	Multi-scale parallel temperature error processing for dual-mass MEMS gyroscope. Sensors and Actuators A: Physical, 2016, 245, 160-168.	2.0	21
51	Bottle micro-resonator temperature sensors for laser coolers. , 2016, , .		0
52	Interfaced conducting polymers. Synthetic Metals, 2017, 224, 109-115.	2.1	15
53	Coplanar Waveguide Transmission Line Loaded With Electric-LC Resonator for Determination of Glucose Concentration Sensing. IEEE Sensors Journal, 2017, 17, 1635-1640.	2.4	63
54	Simple fabricating PCB-based inter digital capacitor for glucose biosensor. AIP Conference Proceedings, 2017, , .	0.3	1
55	Energy-efficient millimeter-wave generation using silicon photonics. , 2017, , .		1
56	Far-Field Pattern Tolerance Analysis of the Antenna-Radome System With the Material Thickness Error: An Interval Arithmetic Approach. IEEE Transactions on Antennas and Propagation, 2017, 65, 1934-1946.	3.1	29

#	ARTICLE	IF	CITATIONS
57	A novel flexible tactile sensor based on Ce-doped BaTiO ₃ nanofibers. <i>Semiconductor Science and Technology</i> , 2017, 32, 074002.	1.0	10
58	An energy efficient rendezvous node selection approach. , 2017, , .		1
59	Subjective and objective sleep quality modulate emotion regulatory brain function in anxiety and depression. <i>Depression and Anxiety</i> , 2017, 34, 651-660.	2.0	65
60	Optical fiber fuel level sensor for aeronautical applications. <i>Sensors and Actuators A: Physical</i> , 2017, 260, 1-9.	2.0	18
61	Laboratory analytical methods applied in the early detection of cancers by tumor biomarker. <i>Analytical Methods</i> , 2017, 9, 3085-3093.	1.3	4
62	Reduced Graphene Oxide-Modified Screen-Printed Carbon (rGO-SPCE)-Based Disposable Electrochemical Sensor for Sensitive and Selective Determination of Ethyl Carbamate. <i>Food Analytical Methods</i> , 2017, 10, 3329-3337.	1.3	21
63	A pencil drawn microelectrode on paper and its application in two-electrode electrochemical sensors. <i>Analytical Methods</i> , 2017, 9, 3513-3518.	1.3	15
64	TraPy-MAC: Traffic Priority Aware Medium Access Control Protocol for Wireless Body Area Network. <i>Journal of Medical Systems</i> , 2017, 41, 93.	2.2	35
65	Innovative simplified array design for wireless power transmission. , 2017, , .		0
66	High-speed visual feedback for realizing high-performance robotic manipulation. , 2017, , .		0
67	Power pattern sensitivity analysis of reflectarray antennas to substrate uncertainties through the minkowski interval analysis. , 2017, , .		0
68	A Micro Oven-Control System for Inertial Sensors. <i>Journal of Microelectromechanical Systems</i> , 2017, 26, 507-518.	1.7	37
69	Fibre optic sensor based measurements of flow-induced vibration in a liquid metal cooled nuclear reactor set-up. , 2017, , .		0
70	Evaluation of MODIS-based estimates of water-use efficiency in Amazonia. <i>International Journal of Remote Sensing</i> , 2017, 38, 5291-5309.	1.3	26
71	Human-Robot Interaction and Neuroprosthetics: A review of new technologies. <i>IEEE Consumer Electronics Magazine</i> , 2017, 6, 24-33.	2.3	34
72	Classification and visualization of skateboard tricks using wearable sensors. <i>Pervasive and Mobile Computing</i> , 2017, 40, 42-55.	2.1	30
73	Probability Distribution of After-pulsing in Passive-quenched Single-photon Avalanche Diodes. <i>IEEE Transactions on Nuclear Science</i> , 2017, , 1-1.	1.2	2
74	Influence of binding material of PZT coating on microresonator's electrical and mechanical properties. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
75	Distributed outlier detection algorithm based on credibility feedback in wireless sensor networks. IET Communications, 2017, 11, 1291-1296.	1.5	10
76	BLE device indoor localization based on RSS fingerprinting mapped by propagation modes. , 2017, , .		26
77	3D ring resonator prepared by laser lithography embedded in PDMS. , 2017, , .		2
78	Efficient android electronic nose design for recognition and perception of fruit odors using Kernel Extreme Learning Machines. Chemometrics and Intelligent Laboratory Systems, 2017, 166, 69-80.	1.8	32
79	Clustering performance comparison of new generation meta-heuristic algorithms. Knowledge-Based Systems, 2017, 130, 1-16.	4.0	15
80	Energy-aware Load Balancing in Heterogeneous Cloud Data Centers. , 2017, , .		5
81	Clustering of Laser Scanner Perception Points of Maize Plants. Advances in Animal Biosciences, 2017, 8, 204-209.	1.0	4
82	Home automation and personalization through individual location determination. , 2017, , .		5
83	Mobile applications in crisis informatics literature: A systematic review. International Journal of Disaster Risk Reduction, 2017, 24, 297-311.	1.8	93
84	Frequency response of AlN-based solidly mounted resonators under mechanical stress. Sensors and Actuators A: Physical, 2017, 258, 39-43.	2.0	2
85	Sparsity-Driven SAR Imaging for Highly Maneuvering Ground Target by the Combination of Time-Frequency Analysis and Parametric Bayesian Learning. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1443-1455.	2.3	28
86	Analysis of the operational ship energy efficiency considering navigation environmental impacts. Journal of Marine Engineering and Technology, 2017, 16, 150-159.	1.9	24
87	Multifunctional graphene oxide for bioimaging: emphasis on biological research. European Journal of Nanomedicine, 2017, 9, .	0.6	8
88	Switchable Redox Chemistry of the Hexameric Tyrosine-Coordinated Heme Protein. Journal of Physical Chemistry B, 2017, 121, 3955-3964.	1.2	8
89	Fuzzy system based human behavior recognition by combining behavior prediction and recognition. Expert Systems With Applications, 2017, 81, 108-133.	4.4	48
91	Securing wireless sensor networks for improved performance in cloud-based environments. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 265-282.	1.6	9
92	In situ measurements and simulation of oxygen diffusion and heat transfer in maize silage relative to the silo surface. Computers and Electronics in Agriculture, 2017, 137, 1-8.	3.7	8
93	Recent Advances in Development of Genetically Encoded Fluorescent Sensors. Methods in Enzymology, 2017, 589, 1-49.	0.4	79

#	ARTICLE	IF	CITATIONS
94	Systematic Review of Studies Examining Transtibial Prosthetic Socket Pressures with Changes in Device Alignment. <i>Journal of Medical and Biological Engineering</i> , 2017, 37, 1-17.	1.0	33
95	Spectrum-Availability Based Routing for Cognitive Sensor Networks. <i>IEEE Access</i> , 2017, 5, 4448-4457.	2.6	32
96	Nano-encapsulant of ascorbic acid-loaded apoferritin-assisted photoelectrochemical sensor for protease detection. <i>Talanta</i> , 2017, 168, 62-66.	2.9	13
97	Perturbation approach to resonator state solution using the Fourier-Bessel numerical solver. <i>Optics Communications</i> , 2017, 385, 188-198.	1.0	2
98	Cooperative Localization of Connected Vehicles: Integrating GNSS With DSRC Using a Robust Cubature Kalman Filter. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 2111-2125.	4.7	77
99	Ethanol quantification in pineapple waste by an electrochemical impedance spectroscopy-based system and artificial neural networks. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 161, 1-7.	1.8	9
100	Fast Factorized Backprojection Algorithm for One-Stationary Bistatic Spotlight Circular SAR Image Formation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 1494-1510.	2.3	53
101	Direct and Rapid Electrochemical Detection of <i>Pseudomonas aeruginosa</i> Quorum Signaling Molecules in Bacterial Cultures and Cystic Fibrosis Sputum Samples through Cationic Surfactant-Assisted Membrane Disruption. <i>ChemElectroChem</i> , 2017, 4, 533-541.	1.7	19
102	Performance comparison of TDR-based systems for permanent and diffused detection of water content and leaks. <i>Measurement Science and Technology</i> , 2017, 28, 014015.	1.4	6
103	Optimization of the Overall Success Probability of the Energy Harvesting Cognitive Wireless Sensor Networks. <i>IEEE Access</i> , 2017, 5, 283-294.	2.6	25
104	Raman spectroscopy applied to identify metabolites in urine of physically active subjects. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 176, 92-99.	1.7	28
105	Maximizing the lifetime of wireless sensor networks in trains for monitoring long-distance goods transportation. <i>International Journal of Distributed Sensor Networks</i> , 2017, 13, 155014771770789.	1.3	2
106	Simultaneous Detection of <i>Escherichia coli</i> O157:H7, <i>Salmonella enteritidis</i> , and <i>Listeria monocytogenes</i> at a Very Low Level Using Simultaneous Enrichment Broth and Multichannel SPR Biosensor. <i>Journal of Food Science</i> , 2017, 82, 2357-2363.	1.5	28
107	Optimization of an amperometric biosensor array for simultaneous measurement of ethanol, formate, d- and l-lactate. <i>Electrochimica Acta</i> , 2017, 251, 256-262.	2.6	19
108	Research on Indoor Fingerprint Localization System Based on Voronoi Segmentation. <i>Communications in Computer and Information Science</i> , 2017, , 303-312.	0.4	0
109	Theories and Models of Teams and Groups. <i>Small Group Research</i> , 2017, 48, 544-567.	1.8	23
110	A novel method for improving the accuracy of coordinate transformation in multiple measurement systems. <i>Measurement Science and Technology</i> , 2017, 28, 095002.	1.4	12
111	A historical harvested energy assigning mechanism for multi-hop multi-relay energy harvesting wireless sensor networks. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
112	Monitoring of Corrosion-Induced Degradation in Prestressed Concrete Structure Using Embedded Piezoceramic-Based Transducers. <i>IEEE Sensors Journal</i> , 2017, 17, 5823-5830.	2.4	39
113	Ant colony based hole detection in wireless sensor networks. , 2017, , .		0
114	Study of assessment of cognitive ability of human brain using deep learning. <i>International Journal of Information Technology (Singapore)</i> , 2017, 9, 321-326.	1.8	17
115	A correlated information removing based interference suppression technique in electronic nose for detection of bacteria. <i>Analytica Chimica Acta</i> , 2017, 986, 145-152.	2.6	17
116	VLC-beacon detection with an under-sampled ambient light sensor. <i>Optics Communications</i> , 2017, 397, 122-128.	1.0	2
117	Distributed Localization for Participatory Sensing Systems. <i>Procedia Computer Science</i> , 2017, 110, 78-85.	1.2	0
118	Sensor Optimization in Smart Insoles for Post-Stroke Gait Asymmetries Using Total Variation and L_1 Distances. <i>IEEE Sensors Journal</i> , 2017, 17, 3142-3151.	2.4	24
119	Pose estimation and tracking of non-cooperative rocket bodies using Time-of-Flight cameras. <i>Acta Astronautica</i> , 2017, 139, 165-175.	1.7	57
120	A robust solvent deficient route synthesis of mesoporous Fe ₂ O ₃ nanoparticles as supercapacitor electrode material with improved capacitive performance. <i>Journal of Alloys and Compounds</i> , 2017, 725, 129-138.	2.8	40
121	Circumferential current field testing system with TMR sensor array for non-contact detection and estimation of cracks on power plant piping. <i>Sensors and Actuators A: Physical</i> , 2017, 263, 542-553.	2.0	13
122	Combining Low-dimensional Wavelet Features and Support Vector Machine for Arrhythmia Beat Classification. <i>Scientific Reports</i> , 2017, 7, 6067.	1.6	67
123	From Data to Decisions: Helping Crop Producers Build Their Actionable Knowledge. <i>Critical Reviews in Plant Sciences</i> , 2017, 36, 71-88.	2.7	40
124	An integrated aerial system for landmine detection: SDR-based Ground Penetrating Radar onboard an autonomous drone. <i>Advanced Robotics</i> , 2017, 31, 791-808.	1.1	51
125	Comparison of imaging properties between monostatic and bistatic circular SAR. , 2017, , .		0
126	Review on Advanced Short-Range Multimode Continuous-Wave Radar Architectures for Healthcare Applications. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2017, 1, 14-25.	2.3	25
127	Inter-network bias: Impact on multi-network TDOA. , 2017, , .		0
128	An analysis of loss-free data aggregation for high data reliability in wireless sensor networks. , 2017, , .		3
129	A Streaming PCA VLSI Chip for Neural Data Compression. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017, 11, 1290-1302.	2.7	21

#	ARTICLE	IF	CITATIONS
130	An efficient sensor-cloud interactive model for on-demand latency requirement guarantee. , 2017, , .		19
131	Development of Plant Growth Monitoring System Using Image Processing Techniques Based on Multiple Images. , 2017, , 647-653.		8
132	Distributed fusion estimation for multi-sensor non-uniform sampling systems with correlated noises and packet dropouts. , 2017, , .		2
133	Maximum correntropy unscented Kalman and information filters for non-Gaussian measurement noise. Journal of the Franklin Institute, 2017, 354, 8659-8677.	1.9	124
134	Sensitive electrochemical determination of epinephrine at poly(L-aspartic acid)/electro-chemically reduced graphene oxide modified electrode by square wave voltammetry in pharmaceuticals. Journal of Electroanalytical Chemistry, 2017, 807, 145-153.	1.9	48
135	Study of Graphene Oxide Structural Features for Catalytic, Antibacterial, Gas Sensing, and Metals Decontamination Environmental Applications. ACS Applied Materials & Interfaces, 2017, 9, 43393-43414.	4.0	76
136	Quick and Selective Dual Mode Detection of H ₂ S Gas by Mobile App Employing Silver Nanorods Array. Analytical Chemistry, 2017, 89, 13582-13588.	3.2	25
137	Steerable Higher Order Mode Dielectric Resonator Antenna With Parasitic Elements for 5G Applications. IEEE Access, 2017, 5, 22234-22243.	2.6	42
138	Maximum correntropy sparse Gauss-Hermite quadrature filter and its application in tracking ballistic missile. IET Radar, Sonar and Navigation, 2017, 11, 1388-1396.	0.9	38
139	CO ₂ production, dissolution and pressure dynamics during silage production: multi-sensor-based insight into parameter interactions. Scientific Reports, 2017, 7, 14721.	1.6	14
140	Localized Confident Information Coverage Hole Detection in Internet of Things for Radioactive Pollution Monitoring. IEEE Access, 2017, 5, 18665-18674.	2.6	42
141	A Solution to Estimation Fusion for Multirate Measurements with Delays. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 3020-3031.	2.6	17
142	Hybrid graphene oxide/DAB-Am-16 dendrimer: Preparation, characterization chemical reactivity and their electrocatalytic detection of l-Dopamine. Solid State Sciences, 2017, 71, 33-41.	1.5	17
143	Equivalent Circuit of Piezoelectric Diaphragms for Impedance-Based Structural Health Monitoring Applications. IEEE Sensors Journal, 2017, 17, 5537-5546.	2.4	34
144	Instantaneous Area Based Online Detection of Bend Generated Error in a Raman Optical Fiber Distributed Temperature Sensor. , 2017, 1, 1-4.		8
145	A systematic review of gait analysis methods based on inertial sensors and adaptive algorithms. Gait and Posture, 2017, 57, 204-210.	0.6	211
146	A rolling bearing fault diagnosis strategy based on improved multiscale permutation entropy and least squares SVM. Journal of Mechanical Science and Technology, 2017, 31, 2711-2722.	0.7	57
147	Reduction of eddy current losses in inductive transmission systems with ferrite sheets. BioMedical Engineering OnLine, 2017, 16, 3.	1.3	9

#	ARTICLE	IF	CITATIONS
148	Intra-pulse modulation recognition using short-time ramanujan Fourier transform spectrogram. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.0	9
149	Power minimization for OFDM modulated two-way amplify-and-forward relay wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	3
150	Beamspace multiplexing for wireless millimeter-wave backhaul link. , 2017, , .		0
151	Minkowski Sum Method for Planar Arrays Sensitivity Analysis With Uncertain-But-Bounded Excitation Tolerances. IEEE Transactions on Antennas and Propagation, 2017, 65, 167-177.	3.1	40
152	Green computing for wireless sensor networks: Optimization and Huffman coding approach. Peer-to-Peer Networking and Applications, 2017, 10, 592-609.	2.6	41
153	Weighted Hyperbolic DV-Hop Positioning Node Localization Algorithm in WSNs. Wireless Personal Communications, 2017, 96, 5011-5033.	1.8	50
154	Antimicrobial activity and cytotoxicity of cotton fabric coated with conducting polymers, polyaniline or polypyrrole, and with deposited silver nanoparticles. Applied Surface Science, 2017, 396, 169-176.	3.1	133
155	Applying hyperspectral imaging to explore natural plant diversity towards improving salt stress tolerance. Science of the Total Environment, 2017, 578, 90-99.	3.9	86
156	Embedded tracking algorithm based on multi-feature crowd fusion and visual object compression. Eurasip Journal on Embedded Systems, 2017, 2016, .	1.2	2
157	Accuracy of a wavelet-based fall detection approach using an accelerometer and a barometric pressure sensor. , 2017, 2017, 2150-2153.		13
158	Calculating impedance variation with frequency of MIM surface plasmon structure for spectroscopic applications. , 2017, , .		3
159	Secure low energy AODV protocol for wireless sensor networks. , 2017, , .		3
160	Microwave Microfluidic Sensor Based on a Microstrip Splitter/Combiner Configuration and Split Ring Resonators (SRRs) for Dielectric Characterization of Liquids. IEEE Sensors Journal, 2017, 17, 6589-6598.	2.4	275
161	Full-Duplex Millimeter-Wave Communication. IEEE Wireless Communications, 2017, 24, 136-143.	6.6	99
162	Local Pulse Wave Detection Using Continuous Wave Radar Systems. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2017, 1, 81-89.	2.3	34
163	Silicon photonics to improve the energy-efficiency of millimeter wave communication systems. , 2017, , .		4
164	Accelerated pistols recognition by using a GPU device. , 2017, , .		4
165	Improved low computational method for siren detection. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
166	Paving green passage for emergency vehicle in heavy traffic: Real-time motion planning under the connected and automated vehicles environment. , 2017, , .		6
167	A Block Recognition System Constructed by Using a Novel Projection Algorithm and Convolution Neural Networks. IEEE Access, 2017, 5, 23891-23900.	2.6	5
168	An intra-body communication research platform based on virtual instrument. , 2017, , .		0
169	LSTM-RNNs combined with scene information for human activity recognition. , 2017, , .		16
170	Impact of Three-Dimensional Video Scalability on Multi-View Activity Recognition using Deep Learning. , 2017, , .		1
171	Multi-ground-control system for unmanned aerial vehicles. , 2017, , .		2
172	Graphene coated photonic crystal fiber biosensor based on surface plasmon resonance. , 2017, , .		11
173	Aerial video surveillance system for small-scale UAV environment monitoring. , 2017, , .		28
174	A novel microfluidic sensing platform based on miniature rectangular glass capillaries and optical readout. , 2017, , .		0
175	Remote detection of traces of high-energy materials on an ideal substrate using the Raman effect. Atmospheric and Oceanic Optics, 2017, 30, 604-608.	0.6	7
176	Anti-jamming communication for body area network using chaotic frequency hopping. Healthcare Technology Letters, 2017, 4, 233-237.	1.9	16
177	Distributed and morphological operation-based data collection algorithm. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771759.	1.3	13
178	Time-Constrained Big Data Transfer for SDN-Enabled Smart City. , 2017, 55, 44-50.		24
179	Successive approximation type digital converter for floating-wiper inductive displacement sensor. , 2017, , .		1
180	Holding-Manner-Free Heading Change Estimation for Smartphone-Based Indoor Positioning. , 2017, , .		5
181	Beacons for indoor positioning. , 2017, , .		3
182	Energy harvesting relay outage probability analysis of cooperative communication system over small and large scale fading channels. , 2017, , .		0
183	Aerodynamic model/INS/GPS failure-tolerant navigation method for multirotor UAVs based on federated Kalman Filter. , 2017, , .		8

#	ARTICLE	IF	CITATIONS
184	Effects of Laryngeal Activity on Articulation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 2272-2280.	4.0	5
185	Incentive mechanism with privacy-preservation on intelligent parking system utilizing mobile crowdsourcing. , 2017, , .		1
186	Chaotic identification of maglev vibration measurement system based on neural network. , 2017, , .		0
187	Experimental demonstration of optical camera communications based indoor visible light positioning system. , 2017, , .		11
188	A novel 3D imaging system for strawberry phenotyping. Plant Methods, 2017, 13, 93.	1.9	57
189	Notice of Removal: DC Arc detection and protection in DC based electrical systems. , 2017, , .		0
190	One-stationary bistatic UHF UWB SAR experiment and imaging. , 2017, , .		1
191	Infrared Variation Optimized Deep Convolutional Neural Network for Robust Automatic Ground Target Recognition. , 2017, , .		13
192	A geometric method for calibrating three-axis magnetometers. , 2017, , .		1
193	Estimation of the complex permittivity of liquids by means of complementary split ring resonator (CSRR) loaded transmission lines. , 2017, , .		29
194	Markovian jump linear systems-based filtering for visual and GPS aided inertial navigation system. , 2017, , .		2
195	Distributed optical fiber sensing based on coherence-length gated microwave photonics interferometry. , 2017, , .		1
196	Superpixel generation for SAR images based on DBSCAN clustering and probabilistic patch-based similarity. , 2017, , .		1
197	An ontology-based hybrid approach for accurate context reasoning. , 2017, , .		4
198	Quantitative analytical colloidal gold instrument using android smart phone. , 2017, , .		1
199	Two-channel highly sensitive sensors based on 4 Å— 4 multimode interference couplers. Photonic Sensors, 2017, 7, 357-364.	2.5	8
200	Distinction between data losses for better communications in iot. , 2017, , .		2
201	Influence of Video Quality on Multi-view Activity Recognition. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
202	Mathematical modelling and simulation analysis of a modified Butterworth van Dyke circuit model for non-invasive diabetes detection. IET Circuits, Devices and Systems, 2017, 11, 682-687.	0.9	3
203	Enhancement of leak detection in pipelines through time-domain reflectometry/ground penetrating radar measurements. IET Science, Measurement and Technology, 2017, 11, 696-702.	0.9	19
204	Robust diagnosis of planar antenna arrays through a Bayesian compressive sensing approach. , 2017, , .		1
205	Displacement sensing using the relaxation oscillation frequency of a laser diode with optical feedback. Applied Optics, 2017, 56, 6962.	0.9	16
206	Antenna measurements by design: A novel paradigm for antenna testing. , 2017, , .		4
207	A Review of Hybrid Fiber-Optic Distributed Simultaneous Vibration and Temperature Sensing Technology and Its Geophysical Applications. Sensors, 2017, 17, 2511.	2.1	78
208	A Graphene-Based Flexible Pressure Sensor with Applications to Plantar Pressure Measurement and Gait Analysis. Materials, 2017, 10, 1068.	1.3	101
209	Hazards in Motion: Development of Mobile Geofences for Use in Logging Safety. Sensors, 2017, 17, 822.	2.1	32
210	A Smart Voltage and Current Monitoring System for Three Phase Inverters Using an Android Smartphone Application. Sensors, 2017, 17, 872.	2.1	72
211	A Low-Complexity DOA and Polarization Method of Polarization-Sensitive Array. Sensors, 2017, 17, 1170.	2.1	4
212	Remote Marker-Based Tracking for UAV Landing Using Visible-Light Camera Sensor. Sensors, 2017, 17, 1987.	2.1	41
213	Brief Communication: A low-cost Arduino<sup>®</sup&-based wire extensometer for earth flow monitoring. Natural Hazards and Earth System Sciences, 2017, 17, 881-885.	1.5	14
214	Pedestrian Detection Based on Adaptive Selection of Visible Light or Far-Infrared Light Camera Image by Fuzzy Inference System and Convolutional Neural Network-Based Verification. Sensors, 2017, 17, 1598.	2.1	16
215	Energy-Efficient Optimal Power Allocation in Integrated Wireless Sensor and Cognitive Satellite Terrestrial Networks. Sensors, 2017, 17, 2025.	2.1	18
216	Assessment on Stationarity of EMG Signals with Different Windows Size During Isotonic Contractions. Applied Sciences (Switzerland), 2017, 7, 1050.	1.3	23
217	A Review of Sensing Strategies for Microwave Sensors Based on Metamaterial-Inspired Resonators: Dielectric Characterization, Displacement, and Angular Velocity Measurements for Health Diagnosis, Telecommunication, and Space Applications. International Journal of Antennas and Propagation, 2017, 1-13.	0.7	35
218	An Indexing Method to Construct Unbalanced Layers for High-Dimensional Data in Mobile Environments. Wireless Communications and Mobile Computing, 2017, 2017, 1-13.	0.8	2
219	A fast information dissemination system for emergency services over vehicular ad hoc networks. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
220	Sensor and vision based autonomous AGRIBOT for sowing seeds. , 2017, , .		26
221	Polling vs no polling: QoS driven performance analysis of IEEE 802.15.6 for varying data rate in WBAN. , 2017, , .		2
222	Evaluation of the Finis Swimsense® and the Garmin Swim activity monitors for swimming performance and stroke kinematics analysis. PLoS ONE, 2017, 12, e0170902.	1.1	19
223	A multi-domain trust management model for supporting RFID applications of IoT. PLoS ONE, 2017, 12, e0181124.	1.1	13
224	A Microservice-Based MOOL in Acoustics Addressing the Learning-at-Scale Scenario. , 2017, , .		3
225	Preliminary results of low frequency Ultra-wideband bistatic SAR experiment. , 2017, , .		1
226	Finding MARLIN: Exploiting multi-modal communications for reliable and low-latency underwater networking. , 2017, , .		32
227	Image Stitching Using Multiple Homographies Estimated by Segmented Regions for Different Parallaxes. , 2017, , .		3
228	An implementation of ultrasonic water meter using dToF measurement. Cogent Engineering, 2017, 4, 1371577.	1.1	6
229	Novel design based Internet of Things to counter lone wolf, part-B: Berlin attack. , 2017, , .		0
230	A path loss channel model for visible light communications in underground mines. , 2017, , .		12
231	Low-coherence reflectometry for cell refractive index sensing. , 2017, , .		0
232	A Real-time Integrated Fire Detection and Alarm (FDA) System for Network based Building Automation. Indian Journal of Science and Technology, 2017, 10, 1-14.	0.5	3
233	Investigate of the Effect of Width Defect on Eddy Current Testing Signals under Different Materials. Indian Journal of Science and Technology, 2017, 10, .	0.5	7
234	Minimizing Path Loss in Medical Wireless Sensors in Wireless Body Area Sensor Networks. Indian Journal of Science and Technology, 2017, 10, 1-7.	0.5	4
235	Breathing Analysis Using Thermal and Depth Imaging Camera Video Records. Sensors, 2017, 17, 1408.	2.1	56
236	3D Imaging with a Sonar Sensor and an Automated 3-Axes Frame for Selective Spraying in Controlled Conditions. Journal of Imaging, 2017, 3, 9.	1.7	15
237	SLA€“CPS: Smart Lean Automation Engine Enabled by Cyber-Physical Systems Technologies. Sensors, 2017, 17, 1500.	2.1	65

#	ARTICLE	IF	CITATIONS
238	Faults Diagnosis of Self-validating Air Data Sensing System Based on Ensemble EMD and Multiclass RVM. International Journal of Control and Automation, 2017, 10, 123-144.	0.3	0
239	ENERGY-EFFICIENT COMMUNICATION IN LARGE SCALE ANTENNA SYSTEMS: IMPACT OF VARIABLE USER CAPACITY AND NUMBER OF TRANSMISSION ANTENNAS. Progress in Electromagnetics Research M, 2017, 58, 205-213.	0.5	0
240	Automatic Detection of Aerial Vehicle in Cloudy Environment by Using Wavelet Enhancement Technique. Radioengineering, 2017, 26, 1169-1176.	0.3	2
241	Design of Eddy Current Probe with TMR Components for Detection of Inner Defects in Thin Metallic Structure. , 2017, , .		2
242	Ultra Wideband Assisted Localization of Semi-Autonomous Floor Scrubber. Journal of Communications Software and Systems, 2017, 13, 109.	0.6	2
243	Trilateration-Inspired Sensor Node Position Estimation for UAV-Assisted Microwave Wireless Power Transfer. SICE Journal of Control Measurement and System Integration, 2017, 10, 350-359.	0.4	2
244	Spectral-spatial target detection based on data field modeling for hyperspectral data. Chinese Journal of Aeronautics, 2018, 31, 795-805.	2.8	9
245	A cloud-assisted malware detection and suppression framework for wireless multimedia system in IoT based on dynamic differential game. China Communications, 2018, 15, 209-223.	2.0	22
246	Proposition of an optical arrangement for interface reconstruction between stratified liquids. Chemical Engineering Science, 2018, 183, 75-85.	1.9	1
247	Polyphosphate metabolic gene expression analyses reveal mechanisms of phosphorus accumulation and release in Microlunatus phosphovorus strain JN459. FEMS Microbiology Letters, 2018, 365, .	0.7	21
248	Review of tool condition monitoring methods in milling processes. International Journal of Advanced Manufacturing Technology, 2018, 96, 2509-2523.	1.5	220
249	Pedestrian Dead-Reckoning Indoor Localization Based on OS-ELM. IEEE Access, 2018, 6, 6116-6129.	2.6	55
250	About Motion Measurement in Sports Based on Gyroscopes and Accelerometersâ€”an Engineering Point of View. Gyroscopy and Navigation, 2018, 9, 1-18.	0.7	24
251	Through-wall human being detection using UWB impulse radar. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	35
252	Silver Hexacyanoferrate (III) on a Hybrid Graphene Oxide/PAMAM Dendrimer Surface and Application as an Electrocatalyst in the Detection of Isoniazid. Electroanalysis, 2018, 30, 1107-1116.	1.5	13
253	Multiphysics Coupling in Lithium-Ion Batteries with Reconstructed Porous Microstructures. Journal of Physical Chemistry C, 2018, 122, 5280-5290.	1.5	44
254	Rural Road Surface Extraction Using Mobile LiDAR Point Cloud Data. Journal of the Indian Society of Remote Sensing, 2018, 46, 531-538.	1.2	23
255	Real-time monitoring of position and motion of a non-stationary object with a highly sensitive magnetic impedance sensor. Journal of Science: Advanced Materials and Devices, 2018, 3, 122-128.	1.5	5

#	ARTICLE	IF	CITATIONS
256	Design and Evaluation of a Bowden-Cable-Based Remote Actuation System for Wearable Robotics. IEEE Robotics and Automation Letters, 2018, 3, 2101-2108.	3.3	43
257	Linear polyesters as effective corrosion inhibitors for steel rebars in chloride induced alkaline medium – An electrochemical approach. Construction and Building Materials, 2018, 165, 866-876.	3.2	29
258	LNSC: A Security Model for Electric Vehicle and Charging Pile Management Based on Blockchain Ecosystem. IEEE Access, 2018, 6, 13565-13574.	2.6	251
259	Routing in UWANs. , 2018, , 287-313.		0
260	Using body-measurement indices and wrist-type photoplethysmography signals to categorize consumer electronic users' health state through a smartwatch application. , 2018, , .		2
261	Functional screen printed radio frequency identification tags on flexible substrates, facilitating low-cost and integrated point-of-care diagnostics. Flexible and Printed Electronics, 2018, 3, 025002.	1.5	19
262	System-level simulation and experiment for levitation control of micromachined electrostatically suspended accelerometer. Microsystem Technologies, 2018, 24, 4895-4907.	1.2	0
263	Navigation route based stable clustering for vehicular ad hoc networks. China Communications, 2018, 15, 42-56.	2.0	5
264	Road Traffic Forecasting: Recent Advances and New Challenges. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 93-109.	2.6	235
265	The tethered flight technique as a tool for studying life-history strategies associated with migration in insects. Ecological Entomology, 2018, 43, 397-411.	1.1	67
266	Functional inks and printing of two-dimensional materials. Chemical Society Reviews, 2018, 47, 3265-3300.	18.7	401
267	CramÃ©r Rao Lower Bounds for Joint Target Parameter Estimation in FM-Based Distributed Passive Radar Network with Antenna Arrays. Radio Science, 2018, 53, 314-333.	0.8	4
268	Standard Condition Number Distributions of Finite Wishart Matrices for Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4630-4634.	3.9	3
269	Methods for Screening Live Cells. Biochemistry (Moscow), 2018, 83, S81-S102.	0.7	3
270	Vision-based assessment of viability of acorns using sections of their cotyledons during automated scarification procedure. Bio-Algorithms and Med-Systems, 2018, 14, .	1.0	2
271	BOMP-Based angle estimation with polarimetric MIMO radar with spatially spread crossed-dipole. IET Signal Processing, 2018, 12, 113-118.	0.9	6
272	Enhancement of a Continuous Liquid Level Sensor Based on a Macro-Bend Polymer Optical Fiber Coupler. IEEE Photonics Journal, 2018, 10, 1-6.	1.0	5
273	Decaying Time Constant Enhanced MEMS Disk Resonator for High Precision Gyroscopic Application. IEEE/ASME Transactions on Mechatronics, 2018, 23, 452-458.	3.7	28

#	ARTICLE	IF	CITATIONS
274	Devices for home detection of obstructive sleep apnea: A review. <i>Sleep Medicine Reviews</i> , 2018, 41, 149-160.	3.8	86
275	Seismic Performance Assessment of Corroded Reinforced Concrete Short Columns. <i>Journal of Structural Engineering</i> , 2018, 144, .	1.7	41
276	Edge Computing Gateway of the Industrial Internet of Things Using Multiple Collaborative Microcontrollers. <i>IEEE Network</i> , 2018, 32, 24-32.	4.9	184
277	Fabrication of micro holes in CFRP laminates using EDM. <i>Journal of Manufacturing Processes</i> , 2018, 31, 859-866.	2.8	48
278	3-D reconstruction of maize plants using a time-of-flight camera. <i>Computers and Electronics in Agriculture</i> , 2018, 145, 235-247.	3.7	61
279	Eigenvalue-based time delay estimation of repetitive biomedical signals. , 2018, 75, 107-119.		8
280	Application of soft computing techniques to multiphase flow measurement: A review. <i>Flow Measurement and Instrumentation</i> , 2018, 60, 30-43.	1.0	104
281	A System for Detection and Tracking of Human Movements Using RSSI Signals. <i>IEEE Sensors Journal</i> , 2018, 18, 2531-2544.	2.4	40
282	Interference-Aware Wireless Networks for Home Monitoring and Performance Evaluation. <i>IEEE Transactions on Automation Science and Engineering</i> , 2018, 15, 1286-1297.	3.4	9
283	Noncontact Sleep Stage Estimation Using a CW Doppler Radar. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2018, 8, 260-270.	2.7	69
284	Model-based adaptive user interface based on context and user experience evaluation. <i>Journal on Multimodal User Interfaces</i> , 2018, 12, 1-16.	2.0	81
285	Development of a ferrocenyl-based MIP in supercritical carbon dioxide: Towards an electrochemical sensor for bisphenol A. <i>Journal of Supercritical Fluids</i> , 2018, 135, 98-104.	1.6	39
286	How food retailing changed in Turkey: spread of self-service technologies. <i>British Food Journal</i> , 2018, 120, 290-308.	1.6	14
287	PGC-Atan Demodulation Scheme With the Carrier Phase Delay Compensation for Fiber-Optic Interferometric Sensors. <i>IEEE Sensors Journal</i> , 2018, 18, 1985-1992.	2.4	58
288	Pyrolytic preparation of gold nanoparticle-coated taro carbon and its application for the selective detection of dopamine. <i>New Journal of Chemistry</i> , 2018, 42, 4543-4552.	1.4	25
289	Impact of foliage on LoRa 433MHz propagation in tropical environment. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	17
290	A Novel Hybrid Information Security Scheme for 2D Vector Map. <i>Mobile Networks and Applications</i> , 2018, 23, 734-742.	2.2	14
291	Dynamic compensation robot with a new high-speed vision system for flexible manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 4523-4533.	1.5	28

#	ARTICLE	IF	CITATIONS
292	DOA Estimation to Mixed Signals in the Presence of Gain-Phase Perturbation. <i>Mobile Networks and Applications</i> , 2018, 23, 743-751.	2.2	3
293	Enhanced Piezocapacitive Effect in CaCu ₃ Ti ₄ O ₁₂ â€“Polydimethylsiloxane Compositd Sponge for Ultrasensitive Flexible Capacitive Sensor. <i>ACS Applied Nano Materials</i> , 2018, 1, 274-283.	2.4	54
294	Distributed Asynchronous Fusion Estimator for Stochastic Uncertain Systems With Multiple Sensors of Different Fading Measurement Rates. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 641-653.	3.2	54
295	Active elimination of radio frequency interference for improved signal-to-noise ratio for in-situ NMR experiments in strong magnetic field gradients. <i>Journal of Magnetic Resonance</i> , 2018, 287, 99-109.	1.2	5
296	EDTA-modified PANI/SWNTs nanocomposite for differential pulse voltammetry based determination of Cu(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 331-338.	4.0	104
297	A comparative study on the mechanical, electrical and piezoresistive properties of polymer composites using carbon nanostructures of different topology. <i>European Polymer Journal</i> , 2018, 99, 394-402.	2.6	35
298	Droplets in Microfluidics. <i>Energy, Environment, and Sustainability</i> , 2018, , 347-379.	0.6	1
299	Solar Photovoltaic Power Plants: Necessity and Techno-Economical Development. <i>Renewable Energy Sources & Energy Storage</i> , 2018, , 41-69.	0.6	3
300	Efficacy evaluation of electric field frequency and temperature on dielectric properties of collagen cross-linked by glutaraldehyde. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 345-350.	2.5	8
301	Clusteringâ€“based resource discovery on Internetâ€“ofâ€“Things. <i>International Journal of Communication Systems</i> , 2018, 31, e3501.	1.6	11
302	Patient-specific model-based segmentation of brain tumors in 3D intraoperative ultrasound images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 331-342.	1.7	9
303	Detection of procalcitonin (PCT) using the double antibody sandwich method based on fluorescence resonance energy transfer between upconversion nanoparticles and quantum dots. <i>Analytical Methods</i> , 2018, 10, 1015-1022.	1.3	31
304	Comparison of three storage techniques for post-harvest quality preservation of six commercially available cultivars of apple. <i>International Journal of Fruit Science</i> , 2018, 18, 268-286.	1.2	15
305	Strain-based Aeroelastic Shape Sensing. , 2018, , .		6
306	Physical-Layer Security for Proximal Legitimate User and Eavesdropper: A Frequency Diverse Array Beamforming Approach. <i>IEEE Transactions on Information Forensics and Security</i> , 2018, 13, 671-684.	4.5	62
307	Mitigating the structural vibrations of wind turbines using tuned liquid column damper considering soil-structure interaction. <i>Renewable Energy</i> , 2018, 120, 322-341.	4.3	46
308	Fibre-optic temperature and pressure sensor based on a deformable concave micro-mirror. <i>Sensors and Actuators A: Physical</i> , 2018, 270, 205-213.	2.0	17
309	Sparse-Bayesian-Learning-Based Wideband Spectrum Sensing With Simplified Modulated Wideband Converter. <i>IEEE Access</i> , 2018, 6, 6058-6070.	2.6	16

#	ARTICLE	IF	CITATIONS
310	Low impedance nature of 12 acupoints on the limbs, and the unexpected dependence on limb angle. Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine, 2018, 38, 287-298.	0.4	2
311	A novel hardware approach to integrating active and passive rehabilitation in a single exoskeleton. , 2018, , .		0
312	QoS-Aware Full-Duplex Concurrent Scheduling for Millimeter Wave Wireless Backhaul Networks. IEEE Access, 2018, 6, 25313-25322.	2.6	24
313	Locomotion Activity Recognition Using Stacked Denoising Autoencoders. IEEE Internet of Things Journal, 2018, 5, 2085-2093.	5.5	78
314	Broadband Spectrum Sensing of Distributed Modulated Wideband Converter Based on Markov Random Field. ETRI Journal, 2018, 40, 237-245.	1.2	0
315	Wireless Sensor Network for Radiometric Detection and Assessment of Partial Discharge in High Voltage Equipment. Radio Science, 2018, 53, 357-364.	0.8	15
316	Cyber-Physical Laboratories in Engineering and Science Education. , 2018, , .		21
317	The SNR improvement for quartz-enhanced photoacoustic spectroscopy using wavelength calibration and fiber reflector. Optical and Quantum Electronics, 2018, 50, 1.	1.5	1
318	A high-sensitive current-mode pressure/force detector based on piezoelectric polymer PVDF. Sensors and Actuators A: Physical, 2018, 276, 165-175.	2.0	22
319	Advanced Topics on Computer Vision, Control and Robotics in Mechatronics. , 2018, , .		2
320	Searching for the IoT Resources: Fundamentals, Requirements, Comprehensive Review, and Future Directions. IEEE Communications Surveys and Tutorials, 2018, 20, 2101-2132.	24.8	140
321	Performance Enhancement for Multihop Harvest-to-Transmit WSNs With Path-Selection Methods in Presence of Eavesdroppers and Hardware Noises. IEEE Sensors Journal, 2018, 18, 5173-5186.	2.4	46
322	Navigation Route Based Stable Clustering for Vehicular Ad Hoc Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 552-562.	0.2	1
323	SNR Improvement of QEPAS System by Preamplifier Circuit Optimization and Frequency Locked Technique. Photonic Sensors, 2018, 8, 127-133.	2.5	5
324	Improved FRZPC for the two-dimensional resistive sensor array. IET Science, Measurement and Technology, 2018, 12, 278-282.	0.9	7
325	Application of metamaterial concepts to sensors and chipless RFID. Journal of Physics: Conference Series, 2018, 963, 012012.	0.3	2
326	Unified multi-spectral pedestrian detection based on probabilistic fusion networks. Pattern Recognition, 2018, 80, 143-155.	5.1	77
327	Fast algorithm for sparse signal reconstruction based on off-grid model. IET Radar, Sonar and Navigation, 2018, 12, 390-397.	0.9	9

#	ARTICLE	IF	CITATIONS
328	A competitive lateral flow assay for the detection of tenofovir. <i>Analytica Chimica Acta</i> , 2018, 1017, 34-40.	2.6	32
329	Rigid blocks matching method based on contour curves and feature regions. <i>IET Computer Vision</i> , 2018, 12, 76-85.	1.3	1
330	Carbon nanomaterials coatings Properties and influence on nerve cells response. <i>Diamond and Related Materials</i> , 2018, 84, 127-140.	1.8	14
331	Dual Quasi-Halbach Linear Tubular Actuator With Coreless Moving-Coil for Semiactive and Active Suspension. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 9873-9883.	5.2	32
332	Magnetocardiographic classification and non-invasive electro-anatomical imaging of outflow tract ventricular arrhythmias in recreational sport activity practitioners. <i>Journal of Electrocardiology</i> , 2018, 51, 433-439.	0.4	4
333	An improved Sage Husa adaptive robust Kalman Filter for de-noising the MEMS IMU drift signal. , 2018, , .		13
334	Predictive Models for Evaluating Cognitive Ability in Dementia Diagnosis Applications Based on Inertia- and Gait-Related Parameters. <i>IEEE Sensors Journal</i> , 2018, 18, 3338-3350.	2.4	3
335	Uplink scheduling of MU-MIMO gateway for massive data acquisition in Internet of things. <i>Journal of Supercomputing</i> , 2018, 74, 3549-3563.	2.4	10
336	The joint use of sequence features combination and modified weighted SVM for improving daily activity recognition. <i>Pattern Analysis and Applications</i> , 2018, 21, 119-138.	3.1	56
337	Effect of graphite loading on properties of polyaniline/graphite composites. <i>Polymer Bulletin</i> , 2018, 75, 209-220.	1.7	16
338	Distributed Fusion Estimator for Multisensor Multirate Systems With Correlated Noises. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1131-1139.	5.9	46
339	Virtual region based data gathering method with mobile sink for sensor networks. <i>Wireless Networks</i> , 2018, 24, 1793-1807.	2.0	3
340	Conductive polymers for smart textile applications. <i>Journal of Industrial Textiles</i> , 2018, 48, 612-642.	1.1	156
341	Electronic identity information hiding methods using a secret sharing scheme in multimedia-centric internet of things environment. <i>Personal and Ubiquitous Computing</i> , 2018, 22, 3-10.	1.9	36
342	Nanomaterial-based gas sensors: A review. <i>Instrumentation Science and Technology</i> , 2018, 46, 115-145.	0.9	94
343	Convergecast scheduling and cost optimization for industrial wireless sensor networks with multiple radio interfaces. <i>Wireless Networks</i> , 2018, 24, 3205-3219.	2.0	5
344	Efficiency investigation of artificial neural networks in human activity recognition. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018, 9, 1049-1060.	3.3	35
345	Comparison of random forest, artificial neural networks and support vector machine for intelligent diagnosis of rotating machinery. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 2681-2693.	1.1	225

#	ARTICLE	IF	CITATIONS
346	A novel hybrid approach based-SRG model for vehicle position prediction in multi-GPS outage conditions. <i>Information Fusion</i> , 2018, 41, 1-8.	11.7	38
347	Rapid fabrication of microneedles using magnetorheological drawing lithography. <i>Acta Biomaterialia</i> , 2018, 65, 283-291.	4.1	89
348	Synthesis, characterization and spectroscopic studies of binuclear lanthanide complexes containing the anti-inflammatory drug ibuprofen and CH ₃ -disubstituted bipyridine ligands: Influence of methyl group position in the photoluminescence. <i>Journal of Luminescence</i> , 2018, 194, 747-759.	1.5	23
349	Fabrication of capillary force induced DNA template Ag nanopatterns for sensitive and selective enzyme-free glucose sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 820-827.	4.0	27
350	Microwave sensor technologies for food evaluation and analysis: Methods, challenges and solutions. <i>Transactions of the Institute of Measurement and Control</i> , 2018, 40, 3433-3448.	1.1	28
351	Quantifying biodegradable organic matter in polluted water on the basis of coulombic yield. <i>Talanta</i> , 2018, 176, 485-491.	2.9	19
352	Comparative Analysis of Chosen Adaptive Traffic Control Algorithms. <i>Lecture Notes in Networks and Systems</i> , 2018, , 193-202.	0.5	1
353	Slippage estimation and compensation for planetary exploration rovers. State of the art and future challenges. <i>Journal of Field Robotics</i> , 2018, 35, 564-577.	3.2	79
354	Acoustic emission for in situ quality monitoring in additive manufacturing using spectral convolutional neural networks. <i>Additive Manufacturing</i> , 2018, 21, 598-604.	1.7	191
355	Study on rolling bearing on-line reliability analysis based on vibration information processing. <i>Computers and Electrical Engineering</i> , 2018, 69, 842-851.	3.0	34
356	Physiological Measurement in the Organizational Sciences: A Review and Recommendations for Future Use. <i>Annual Review of Organizational Psychology and Organizational Behavior</i> , 2018, 5, 267-293.	5.6	32
357	Vehicle Detection Method for Intelligent Vehicle at Night Time Based on Video and Laser Information. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2018, 32, 1850009.	0.7	14
358	A multi-station block acknowledgment scheme in dense IoT networks. <i>Computer Communications</i> , 2018, 119, 179-190.	3.1	4
359	A review of human thermal comfort experiments in controlled and semi-controlled environments. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3365-3378.	8.2	38
360	Minimizing SLA violation and power consumption in Cloud data centers using adaptive energy-aware algorithms. <i>Future Generation Computer Systems</i> , 2018, 86, 836-850.	4.9	128
361	A review on wearable photoplethysmography sensors and their potential future applications in health care. <i>International Journal of Biosensors & Bioelectronics</i> , 2018, 4, 195-202.	0.2	359
362	Path Planning Strategy of Mobile Nodes Based on Improved RRT Algorithm. , 2018, , .		0
363	Optimization of wireless body area network performance with simplified electromagnetic model of the body. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2018, 57, 143-154.	0.3	3

#	ARTICLE	IF	CITATIONS
364	Testing the performance of field calibration techniques for low-cost gas sensors in new deployment locations: across a county line and across Colorado. Atmospheric Measurement Techniques, 2018, 11, 6351-6378.	1.2	21
365	Listening to Lions: Animal-Borne Acoustic Sensors Improve Bio-logger Calibration and Behaviour Classification Performance. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	20
366	Single-ended electrical impedance tomography. Journal of Engineering, 2018, 2018, 173-185.	0.6	1
367	Filling the Joints: Completion and Recovery of Incomplete 3D Human Poses. Technologies, 2018, 6, 97.	3.0	2
368	Quantitative mapping and predictive modeling of Mn nodules' distribution from hydroacoustic and optical AUV data linked by random forests machine learning. Biogeosciences, 2018, 15, 7347-7377.	1.3	37
369	Improving the signal subtle feature extraction performance based on dual improved fractal box dimension eigenvectors. Royal Society Open Science, 2018, 5, 180087.	1.1	14
371	The Trans Golgi Region is a Labile Intracellular Ca ²⁺ Store Sensitive to Emetine. Scientific Reports, 2018, 8, 17143.	1.6	8
372	3D Human Pose Estimation from RGB-D Images Using Deep Learning Method. , 2018, , .		3
373	Study on On-Line Detection of Characteristic Parameters in High Voltage Circuit Breaker Opening Process Based on Vibration Signal. Electric Power Components and Systems, 2018, 46, 1969-1978.	1.0	7
374	Designing the Symmetrical Eight-Tooth-Shaped Microstrip Antenna for Wi-Fi Applications. , 2018, , .		3
375	THE DIRECTION-OF-ARRIVAL AND POLARIZATION ESTIMATION USING COPRIME ARRAY: A RECONSTRUCTED COVARIANCE MATRIX APPROACH. Progress in Electromagnetics Research C, 2018, 84, 23-33.	0.6	1
376	Characteristics of BeiDou Navigation Satellite System (BDS) Code Observations for Different Receiver Types and Their Influence on Wide-Lane Ambiguity Resolution. Sensors, 2018, 18, 3546.	2.1	1
377	Implementation of Asymmetric Kernel Median Filtering for Real-Time Ultrasound Imaging. , 2018, , .		1
378	Human Brain Tissue Segmentation in fMRI using Deep Long-Term Recurrent Convolutional Network. , 2018, , .		5
379	Single-Camera Computer Vision Algorithm for Robot Shortest Path Estimator using morphological structuring element with variable sizes. International Journal of Engineering and Technology(UAE), 2018, 7, 248.	0.2	1
380	Path Optimization based on Bit Error Rate (BER) Estimation in Underwater Sensor Networks. International Journal of Engineering and Technology(UAE), 2018, 7, 1237.	0.2	0
381	An improved hybrid genetic algorithm for multi-user scheduling in 5G wireless networks. International Journal of Internet Protocol Technology, 2018, 11, 63.	0.2	5
382	IoT-based traffic management tool with Hadoop-based management scheme for efficient traffic management. International Journal of Knowledge Engineering and Data Mining, 2018, 5, 208.	0.0	0

#	ARTICLE	IF	CITATIONS
383	Methods to Evaluate Land-Atmosphere Exchanges in Amazonia Based on Satellite Imagery and Ground Measurements. , 2018, , .		1
384	Crack identification using piezoelectric testing on carbon steel pipe for transverse, longitudinal and hole defects with low excitation frequency. International Journal of Engineering and Technology(UAE), 2018, 7, 171.	0.2	6
385	On multi-copy forwarding protocols for large data chunk dissemination in vehicular sensor networks. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	3
386	Tutorial on big spectrum data analytics for space information networks. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	5
387	Research on sensor network optimization based on improved Apriori algorithm. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	4
388	Simulation of Modified Absolute Arrival Time Technique for Measuring Surface Breaking Cracks. , 2018, , .		2
389	Research and Implementation on Multi-beacon Aided AUV Integrated Navigation Algorithm Based on UKF. , 2018, , .		0
390	Real-Time Onboard Human Motion Recognition Based on Inertial Measurement Units. , 2018, , .		6
391	Smart Transportation System: A Review of Security and Privacy Issues. , 2018, , .		13
392	Method for Identifying Pseudo GPS Signal Based on Radio Frequency Fingerprint. , 2018, , .		4
393	Design and Control of an Intelligent Wheeled Robot. , 2018, , .		3
394	Joint Sparsity Constraint Interferometric ISAR Imaging for 3-D Geometry of Near-Field Targets with Sub-Apertures. Sensors, 2018, 18, 3750.	2.1	4
395	TV white space and its applications in future wireless networks and communications: a survey. IET Communications, 2018, 12, 2521-2532.	1.5	23
396	BeiDou System (BDS) Triple-Frequency Ambiguity Resolution without Code Measurements. Remote Sensing, 2018, 10, 675.	1.8	7
397	An Efficient On-Demand Latency Guaranteed Interactive Model for Sensor-Cloud. IEEE Access, 2018, 6, 68596-68611.	2.6	12
398	Six-Port Based Multitone and Low-Power Radar System for Waveguide Measurements in Smart Factories. , 2018, , .		5
399	Solute Concentration Measurements in Diluted Solutions by Means of Split Ring Resonators. , 2018, , .		13
400	A Translational Parallel Manipulator with Three Horizontal-Axial Pneumatic Actuators for 3-D Path Tracking. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
401	Measuring Glucose Content in Aqueous Solutions by means of Split Ring Resonator (SRR) Loaded Transmission Lines. , 2018, , .		1
402	Event Triggered Neuroadaptive Controller (ETNAC) Design for Uncertain Affine Nonlinear Systems. , 2018, , .		4
403	Confidence-based Deep Multimodal Fusion for Activity Recognition. , 2018, , .		9
404	Receive diversity based transmission data rate optimization for improved network lifetime and delay efficiency of Wireless Body Area Networks. PLoS ONE, 2018, 13, e0206027.	1.1	7
405	An Architecture for Dynamic Context Recognition in an Autonomous Driving Testing Environment. , 2018, , .		2
406	Deep Auto-Set. , 2018, , .		28
407	A Cloud-Based Approach to Assess the Quality of Local Transportation Services in Apulia Region. , 2018, , .		0
408	Gait Recognition Based on Tensor Analysis of Acceleration Data from Wearable Sensors. , 2018, , .		1
409	Achievements and Perspectives in Contactless Power Transmission. , 2018, , .		7
410	Wireless Communication Technologies in Internet of Things: A Critical Evaluation. , 2018, , .		16
411	Spectrum Sharing between UAV-based Wireless Mesh Networks and Ground Networks. , 2018, , .		13
412	Scoliosis Screening through a Machine Learning Based Gait Analysis Test. International Journal of Precision Engineering and Manufacturing, 2018, 19, 1861-1872.	1.1	17
413	A Leakage-Resilient FPGA-Based IP Identity Authentication Protocol. , 2018, , .		0
414	Effectiveness of Surface Electromyography in Pattern Classification for Upper Limb Amputees. , 2018, , .		5
415	A Double-Resonant Sensor for Identifying Biological Tissues. , 2018, , .		3
416	Route optimizing and following for autonomous underwater vehicle ladder surveys. International Journal of Advanced Robotic Systems, 2018, 15, 172988141881327.	1.3	3
417	Non-contact ultrasonic resonant spectroscopy resolves the elastic properties of layered plant tissues. Applied Physics Letters, 2018, 113, .	1.5	12
418	A Novel PDR Aided UWB Indoor Positioning Method. , 2018, , .		8

#	ARTICLE	IF	CITATIONS
419	Design and Implementation of UWB/MIMU Tightly-coupled System for Indoor Positioning. , 2018, , .		4
420	Movement and Gesture Recognition Using Deep Learning and Wearable-sensor Technology. , 2018, , .		15
421	Blockchain Use in Home Automation for Children Incentives in Parental Control. , 2018, , .		9
422	A Clustering-Based Fast and Stable Routing Protocol for Vehicular Ad Hoc Networks. Journal of Physics: Conference Series, 2018, 1060, 012050.	0.3	4
423	A road mobile mapping device for supervised classification of amphibians on roads. European Journal of Wildlife Research, 2018, 64, 1.	0.7	4
424	Status of Six-Port Technology for Wireless Sensing Applications. , 2018, , .		7
425	Biexciton Dissociation Dynamics in Nanohybrid Au@CuInS ₂ Nanocrystals. Journal of Physical Chemistry C, 2018, 122, 28497-28505.	1.5	10
426	Wireless Sensor Node with Lightning and Atmospheric Pressure Detection for Severe Convective Weather Warning Networks. , 2018, , .		2
427	A hybrid PID control scheme for flexible joint manipulators and a comparison with sliding mode control. Ain Shams Engineering Journal, 2018, 9, 3451-3457.	3.5	17
428	Pedestrian Detection Based on Background Compensation with Block-Matching Algorithm. , 2018, , .		9
429	Negative Obstacle Detection Using LiDAR Sensors for a Robotic Wheelchair. , 2018, , .		2
430	EEG-Based Control for Upper and Lower Limb Exoskeletons and Prostheses: A Systematic Review. Sensors, 2018, 18, 3342.	2.1	96
431	Crop Cycles and Crop Land Classification in Nepal Using MODIS NDVI. Remote Sensing in Earth Systems Sciences, 2018, 1, 14-28.	1.1	11
432	Physical Properties of Soils Affected by the Use of Agricultural Waste. , 0, , .		23
433	Parking Detection Method Based on Finite-State Machine and Collaborative Decision-Making. IEEE Sensors Journal, 2018, 18, 9829-9839.	2.4	17
434	SPECTRAL BEHAVIOUR OF PLANAR OPTICAL WAVEGUIDES AND MICROCHANNELS IN CASCADE: THEORETICAL EVALUATION. Progress in Electromagnetics Research M, 2018, 72, 1-11.	0.5	2
435	Robot nonlinear control for Unmanned Aerial Vehiclesâ€™ multitasking. Assembly Automation, 2018, 38, 645-660.	1.0	11
436	Improving On-Road Vehicle Detection Performance by Combining Detection and Tracking Techniques. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
437	Secure Healthcare Data Dissemination Using Vehicle Relay Networks. IEEE Internet of Things Journal, 2018, 5, 3733-3746.	5.5	15
438	High-Q sensor for permittivity detection based on spiral resonator. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	11
439	Intelligent vector field visualization based on line integral convolution. Cognitive Systems Research, 2018, 52, 828-842.	1.9	6
440	Distributed CI Fusion Estimation for Non-uniform Sampling Systems with Fading Measurements. , 2018, , .		0
441	Feature Extraction Strategy with Improved Permutation Entropy and Its Application in Fault Diagnosis of Bearings. Shock and Vibration, 2018, 2018, 1-12.	0.3	3
442	3D monitoring for plant growth parameters in field with a single camera by multi-view approach. J Agricultural Meteorology, 2018, 74, 129-139.	0.8	27
443	Gun Identification Using Tensorflow. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 3-12.	0.2	10
444	Surface reconstruction from computed tomography (CT) image of human head with the effect of noise. , 2018, , .		3
445	Ã€œContinuous wavelet transformÃ€ based hybrid image fusion for face recognition using region classifiers. Expert Systems, 2018, 35, e12307.	2.9	17
446	Sensorless force estimation and control of Delta robot with limited access interface. Industrial Robot, 2018, 45, 611-622.	1.2	4
447	North Directional Imaging of a LEO Satellite Using Yaw Angle Compensation. International Journal of Aeronautical and Space Sciences, 2018, 19, 751-761.	1.0	0
448	Millimeter Wave High Resolution Radar Accuracy in Fog ConditionsÃ€”Theory and Experimental Verification. Sensors, 2018, 18, 2148.	2.1	26
449	Training-Free Human Vitality Monitoring Using Commodity Wi-Fi Devices. , 2018, 2, 1-25.		27
450	Imaging Experiment of Monostatic and Bistatic UWB SAR at UHF-band. , 2018, , .		0
451	Harnessing HyDRO. , 2018, , .		20
452	Design considerations, analysis, and application of a low-cost, fully portable, wearable polymer optical fiber curvature sensor. Applied Optics, 2018, 57, 6927.	0.9	24
453	Quantification of water balance using a lysimeter in Mexico. International Journal of Water Resources and Environmental Engineering, 2018, 10, 24-32.	0.2	0
454	2-D Coherent Integration Processing and Detecting of Aircrafts Using GNSS-Based Passive Radar. Remote Sensing, 2018, 10, 1164.	1.8	19

#	ARTICLE	IF	CITATIONS
455	Toward a Dynamic K in K-Nearest Neighbor Fingerprint Indoor Positioning. , 2018, , .		2
456	Performance Evaluation of Blackhole Attack on AODV in VANET. American Journal of Applied Sciences, 2018, 15, 141-148.	0.1	0
457	Methods of image acquisition and software development for leaf area measurements in pastures. Computers and Electronics in Agriculture, 2018, 153, 278-284.	3.7	13
458	A Framework for Customer-Oriented IoT Product Design. , 2018, , .		1
459	Secure and Efficient Cluster-Based Range Query Processing in Wireless Sensor Networks. Journal of Electrical and Computer Engineering, 2018, 2018, 1-8.	0.6	1
460	Composite Piezoelectric Material for Biomedical Micro Hydraulic System. Lecture Notes in Computer Science, 2018, , 49-58.	1.0	1
461	Nanobiosensors for Detection of Micropollutants. Environmental Chemistry for A Sustainable World, 2018, , 125-158.	0.3	8
462	Optical Wireless Communication Channel Measurements and Models. IEEE Communications Surveys and Tutorials, 2018, 20, 1939-1962.	24.8	189
463	Improved Anonymous Biometric-based Authentication with Key-Agreement Scheme for Multi-Server Environments. , 2018, , .		0
464	Dual-band microstrip antenna for the fifth generation indoor/outdoor wireless applications. , 2018, , .		9
465	A Review on the Use of Blockchain for the Internet of Things. IEEE Access, 2018, 6, 32979-33001.	2.6	737
466	Addressing scalable, optimal, and secure communications over LoRa networks: Challenges and research directions. Internet Technology Letters, 2018, 1, e54.	1.4	5
467	Technological Innovation for Resilient Systems. IFIP Advances in Information and Communication Technology, 2018, , .	0.5	5
468	Secrecy Outage Performance Analysis for Energy Harvesting Sensor Networks With a Jammer Using Relay Selection Strategy. IEEE Access, 2018, 6, 23406-23419.	2.6	45
469	A geometrical path planning method for unmanned aerial vehicle in 2D/3D complex environment. Intelligent Service Robotics, 2018, 11, 301-312.	1.6	33
470	Key processing of porous and fibrous LaCoO3 nanostructures for successful CO and propane sensing. Ceramics International, 2018, 44, 15402-15410.	2.3	23
471	Monitoring of Bolt Looseness-Induced Damage in Steel Truss Arch Structure Using Piezoceramic Transducers. IEEE Sensors Journal, 2018, 18, 6677-6685.	2.4	36
473	A novel sprayable fast-responding pressure-sensitive paint based on mesoporous silicone dioxide particles. Sensors and Actuators A: Physical, 2018, 279, 390-398.	2.0	50

#	ARTICLE	IF	CITATIONS
474	Cascaded Microbottle Resonator and Its Application in Addâ€‘Drop Filter. IEEE Photonics Journal, 2018, 10, 1-10.	1.0	13
475	Exploring strengths and weaknesses: A case study after developing a remote network lab. Computer Applications in Engineering Education, 2018, 26, 1422-1434.	2.2	3
476	Synergistic effect of MoS2 and diamond nanoparticles in electrochemical sensors: determination of the anticonvulsant drug valproic acid. Mikrochimica Acta, 2018, 185, 334.	2.5	25
477	Safety monitoring and evacuation guide system for pipeline testing laboratory by indoor positioning technique and distributed sensor network. International Journal of Distributed Sensor Networks, 2018, 14, 155014771878368.	1.3	1
478	Detecting urine metabolites related to training performance in swimming athletes by means of Raman spectroscopy and principal component analysis. Journal of Photochemistry and Photobiology B: Biology, 2018, 185, 223-234.	1.7	22
479	Taxonomy and analysis of security protocols for Internet of Things. Future Generation Computer Systems, 2018, 89, 110-125.	4.9	130
480	Novel polymeric composite grafted with metal nanoparticle-dispersed CNFs as a chemiresistive non-destructive fruit sensor material. Materials Chemistry and Physics, 2018, 217, 216-227.	2.0	28
481	Robust adaptive filter for shipborne kinematic positioning and velocity determination during the Baltic Sea experiment. GPS Solutions, 2018, 22, 1.	2.2	15
482	Dataâ€‘oriented calibration method to reduce measurement bias in SFAPâ€‘based GNSS receivers. Electronics Letters, 2018, 54, 591-593.	0.5	1
483	Note: Parallel processing algorithm of temperature and noise error for micro-electro-mechanical system gyroscope based on variational mode decomposition and augmented nonlinear differentiator. Review of Scientific Instruments, 2018, 89, 076107.	0.6	52
484	MotionHacker: Motion sensor based eavesdropping on handwriting via smartwatch. , 2018, , .		21
485	Functionalized Electrospun Poly(Vinyl Alcohol) Nanofibrous Membranes with Poly(Methyl Vinyl) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	1.3	17
486	Applications of mesoporous silica in biosensing and controlled release of insulin. International Journal of Pharmaceutics, 2018, 549, 179-200.	2.6	28
487	Proactive Decision Based Handoff Scheme for Cognitive Radio Networks. , 2018, , .		9
488	Detecting the Rotation Direction in Contactless Angular Velocity Sensors Implemented With Rotors Loaded With Multiple Chains of Resonators. IEEE Sensors Journal, 2018, 18, 7055-7065.	2.4	60
489	Analytics for the Internet of Things. ACM Computing Surveys, 2019, 51, 1-36.	16.1	137
490	FALCON: A new approach for the evaluation of opportunistic networks. Ad Hoc Networks, 2018, 81, 109-121.	3.4	5
491	Positioning Performance Assessment of Geodetic, Automotive, and Smartphone GNSS Receivers in Standardized Road Scenarios. IEEE Access, 2018, 6, 41410-41428.	2.6	21

#	ARTICLE	IF	CITATIONS
492	Coverage Control with Multiple Ground Robots for Precision Agriculture. Mechanical Engineering, 2018, 140, S4-S8.	0.0	17
493	Quantum Dots. , 2018, , 621-637.		14
494	A collaborative task-oriented scheduling driven routing approach for industrial IoT based on mobile devices. Ad Hoc Networks, 2018, 81, 86-99.	3.4	17
495	Performance analysis and path planning for UAVs swarms based on RSS measurements. Aerospace Science and Technology, 2018, 81, 157-166.	2.5	11
496	LDMAC: A propagation delay-aware MAC scheme for long-distance UAV networks. Computer Networks, 2018, 144, 40-52.	3.2	12
497	Direction Finding of BPSK Signals Using Time-Modulated Array. IEEE Microwave and Wireless Components Letters, 2018, 28, 618-620.	2.0	11
498	Real Time Precise Relative Positioning with Moving Multiple Reference Receivers. Sensors, 2018, 18, 2109.	2.1	4
499	Electrical exposure analysis of galvanic-coupled intra-body communication based on the empirical arm models. BioMedical Engineering OnLine, 2018, 17, 71.	1.3	8
500	Compressive sensing and random walk based data collection in wireless sensor networks. Computer Communications, 2018, 129, 43-53.	3.1	17
501	Hybrid Nanomaterials of Magnetic Iron Nanoparticles and Graphene Oxide as Matrices for the Immobilization of β -Glucosidase: Synthesis, Characterization, and Biocatalytic Properties. Frontiers in Materials, 2018, 5, .	1.2	32
502	EEG-Based Detection of Braking Intention Under Different Car Driving Conditions. Frontiers in Neuroinformatics, 2018, 12, 29.	1.3	50
503	Improving Generalization Based on l1-Norm Regularization for EEG-Based Motor Imagery Classification. Frontiers in Neuroscience, 2018, 12, 272.	1.4	11
504	Electrochemical Biosensors: A Solution to Pollution Detection with Reference to Environmental Contaminants. Biosensors, 2018, 8, 29.	2.3	139
505	A Novel Elastic Structure for Three-Axis Force/Torque Sensor: Kinematic Design and Feasibility Study. IEEE Sensors Journal, 2018, 18, 6969-6977.	2.4	7
506	Advanced interfaces for resistive sensors. , 2018, , 171-219.		0
507	Cellulose Aerogels: Synthesis, Applications, and Prospects. Polymers, 2018, 10, 623.	2.0	311
508	Triple-Frequency Code-Phase Combination Determination: A Comparison with the Hatch-Melbourne-WA/4bbena Combination Using BDS Signals. Remote Sensing, 2018, 10, 353.	1.8	6
509	First Evaluation of Infrared Thermography as a Tool for the Monitoring of Udder Health Status in Farms of Dairy Cows. Sensors, 2018, 18, 862.	2.1	58

#	ARTICLE	IF	CITATIONS
510	Thermochromic Polymer Film Sensors for Detection of Incipient Thermal Damage in Carbon Fiber-Epoxy Composites. <i>Sensors</i> , 2018, 18, 1362.	2.1	4
511	Simple approach to design a capacitive rotary encoder. <i>IET Science, Measurement and Technology</i> , 2018, 12, 500-506.	0.9	8
512	A review of the six-port technique for metrology applications. , 2018, , .		8
513	Using Identity Provider and Automatic Resource Management to Improve a Remote Networking Lab. <i>IEEE Latin America Transactions</i> , 2018, 16, 1547-1556.	1.2	6
514	Competitive Biological Activities of Chitosan and Its Derivatives: Antimicrobial, Antioxidant, Anticancer, and Anti-Inflammatory Activities. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-13.	1.2	131
515	Electrochemical Properties of Prussian Blue@Fe ₃ O ₄ Nano-Hybrid Modified Pencil Drawn Electrode on Paper. <i>Current Analytical Chemistry</i> , 2018, 14, .	0.6	3
516	Measuring Two-Factor Authentication Schemes for Real-Time Data Access in Industrial Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 4081-4092.	7.2	201
517	Integration of Multi-Gaussian fitting and LSTM neural networks for health monitoring of an automotive suspension component. <i>Journal of Sound and Vibration</i> , 2018, 428, 87-103.	2.1	21
518	Exploiting smart city IoT for disaster recovery operations. , 2018, , .		19
519	Six-port reflectometer in WR15 metallic waveguide for free-space sensing applications. , 2018, , .		13
520	Performance enhancement for harvest-to-transmit cognitive multi-hop networks with best path selection method under presence of eavesdropper. , 2018, , .		4
521	Comparison of Electromagnetic Wave Sensors with Optical and Low-frequency Spectroscopy Methods for Real-time Monitoring of Lead Concentrations in Mine Water. <i>Mine Water and the Environment</i> , 2018, 37, 617-624.	0.9	16
522	Smart reinforcement steel bars with low-cost MEMS sensors for the structural health monitoring of RC structures. <i>Construction and Building Materials</i> , 2018, 173, 740-753.	3.2	11
523	A Review on Human-Centered IoT-Connected Smart Labels for the Industry 4.0. <i>IEEE Access</i> , 2018, 6, 25939-25957.	2.6	117
524	A Stratification-Based Data Collection Scheme in Underwater Acoustic Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 10671-10682.	3.9	108
525	Modified State Observer Based Decentralized Neuroadaptive Controller for Large Scale Interconnected Uncertain Systems. , 2018, , .		7
526	A novel solution in the simultaneous deep optimization of RGB-D camera calibration parameters using metaheuristic algorithms. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2018, 26, 743-754.	0.9	4
527	Achievable Rate Evaluation by System Level Simulation for mm Wave Based Backhaul Network Adopting in-Band Full-Duplex. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
528	Highly-Sensitive Microwave Sensors Based on Open Complementary Split Ring Resonators (OCSRRs) for Dielectric Characterization and Solute Concentration Measurement in Liquids. IEEE Access, 2018, 6, 48324-48338.	2.6	149
529	Fabrication of BSA-MoS2 bio-composite electronic devices for low power and fast response chemical sensor. IEEE Sensors Journal, 2018, , 1-1.	2.4	2
531	Spectral Imaging Systems and Sensor Characterisations. Springer Theses, 2018, , 9-50.	0.0	0
532	A study of antecedents influencing eWOM for online lecture website. Online Information Review, 2018, 42, 1048-1064.	2.2	13
533	Applications of Haptic Systems in Virtual Environments: A Brief Review. , 2018, , 349-377.		3
534	Improving rolling bearing online fault diagnostic performance based on multi-dimensional characteristics. Royal Society Open Science, 2018, 5, 180066.	1.1	3
535	Software-Defined Architectures and Technologies for Underwater Wireless Sensor Networks: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2855-2888.	24.8	92
536	Quantification of uncertainties in conifer sap flow measured with the thermal dissipation method. New Phytologist, 2018, 219, 1283-1299.	3.5	81
537	The impacts of ergonomics/human factors of wheelchair/user combinations on effective barrier-free environments design: A case study of the Chinese universal rail coach layout. International Journal of Industrial Ergonomics, 2018, 67, 229-241.	1.5	9
538	Pseudo Random Number Generation Using LSTMs and Irrational Numbers. , 2018, , .		17
539	Research on hybrid information recognition algorithm and quality of golf swing. Computers and Electrical Engineering, 2018, 69, 907-919.	3.0	3
540	Sensor-Based Continuous Authentication Using Cost-Effective Kernel Ridge Regression. IEEE Access, 2018, 6, 32554-32565.	2.6	34
541	A cost-effective and customizable automated irrigation system for precise high-throughput phenotyping in drought stress studies. PLoS ONE, 2018, 13, e0198546.	1.1	13
542	A distributed time-limited multicast algorithm for VANETs using incremental power strategy. Computer Networks, 2018, 145, 141-155.	3.2	9
543	Energy efficient human activity recognition using wearable sensors. , 2018, , .		11
545	Deep Learning Method for Denial of Service Attack Detection Based on Restricted Boltzmann Machine. Big Data, 2018, 6, 159-169.	2.1	65
547	A multi-criteria decision-making method for hesitant fuzzy linguistic term set based on the cloud model and evidence theory. Journal of Intelligent and Fuzzy Systems, 2019, 36, 1797-1808.	0.8	14
548	Dependability analysis of instrumented linear static systems based on their observability. International Journal of Systems Science: Operations and Logistics, 2019, 6, 272-284.	2.0	0

#	ARTICLE	IF	CITATIONS
549	Comparison of advanced troposphere models for aiding reduction of PPP convergence time in Australia. <i>Journal of Spatial Science</i> , 2019, 64, 381-403.	1.0	5
550	Trajectory characteristic analysis influenced by initial state errors for long-range vehicles. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 2413-2432.	0.7	0
551	Using Data Augmentation in Continuous Authentication on Smartphones. <i>IEEE Internet of Things Journal</i> , 2019, 6, 628-640.	5.5	78
553	MARLIN-Q: Multi-modal communications for reliable and low-latency underwater data delivery. <i>Ad Hoc Networks</i> , 2019, 82, 134-145.	3.4	28
554	A V2I communication-based pipeline model for adaptive urban traffic light scheduling. <i>Frontiers of Computer Science</i> , 2019, 13, 929-942.	1.6	6
555	A cross-layer design: energy efficient multilevel dynamic feedback scheduling in wireless sensor networks using deadline aware active time quantum for environmental monitoring. <i>International Journal of Electronics</i> , 2019, 106, 87-108.	0.9	11
556	Deep Convolutional Neural Networks for Human Action Recognition Using Depth Maps and Postures. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 1806-1819.	5.9	132
557	Optical Underwater Communication: The Potential of Using Converted Green LEDs in Coastal Waters. <i>IEEE Journal of Oceanic Engineering</i> , 2019, 44, 535-547.	2.1	45
558	Driver Distraction Recognition using 3D Convolutional Neural Networks. , 2019, , .		31
559	Enhanced Detection and Recognition of Road Markings Based on Adaptive Region of Interest and Deep Learning. <i>IEEE Access</i> , 2019, 7, 109817-109832.	2.6	31
560	Target Detection and Localization Using Non-Cooperative Frequency Agile Phased Array Radar Illuminator. <i>IEEE Access</i> , 2019, 7, 111277-111286.	2.6	7
561	Improved particle swarm optimization LSSVM spatial location trajectory data prediction model in health care monitoring system. <i>Personal and Ubiquitous Computing</i> , 2022, 26, 795-805.	1.9	4
562	A type of energy-efficient target tracking approach based on grids in sensor networks. <i>Peer-to-Peer Networking and Applications</i> , 2019, 12, 1041-1060.	2.6	5
563	Long-Term Monitoring of Temperature Effect on Horizontal Rotation Angle at Beam Ends of a Railway Steel Truss Bridge. <i>Journal of Bridge Engineering</i> , 2019, 24, 05019012.	1.4	4
564	Leveraging LoRaWAN to Support loBT in Urban Environments. , 2019, , .		4
565	Underwater Laser Scanner: Ray-Based Model and Calibration. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019, 24, 1986-1997.	3.7	51
566	Chemical and Morphological Evolution of Copper Nanoparticles Obtained by Pulsed Laser Ablation in Liquid. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21731-21742.	1.5	44
567	Image Based Fault Detection Algorithm for Flexible Industrial Assembly Line. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
568	Multimodal Camera-Based Gender Recognition Using Human-Body Image With Two-Step Reconstruction Network. IEEE Access, 2019, 7, 104025-104044.	2.6	11
569	Efficient Design of Chirp Spread Spectrum Modulation for Low-Power Wide-Area Networks. IEEE Internet of Things Journal, 2019, 6, 9503-9515.	5.5	57
570	Authorship Verification using a Graph Knowledge Discovery Approach. Journal of Intelligent and Fuzzy Systems, 2019, 36, 6075-6087.	0.8	7
571	A Hybrid Trust Management Heuristic for VANETs. , 2019, , .		26
572	Resource allocation and interference management for multi-layer wireless networks in heterogeneous cognitive networks. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	1.5	4
573	Gesture-based incident reporting through smart watches. , 2019, , .		3
574	Comparison of three interval arithmetic-based algorithms for antenna array pattern upper bound estimation. Electronics Letters, 2019, 55, 775-776.	0.5	4
575	Standard Condition Number of Hessian Matrix for Neural Networks. , 2019, , .		3
576	An Anonymous Routing Scheme for Preserving Location Privacy in Wireless Sensor Networks. , 2019, , .		5
577	An Improved Opportunistic Routing Protocol for Intermittently Connected Delay Tolerant Wireless Sensor Networks. Mobile Information Systems, 2019, 2019, 1-12.	0.4	2
578	Adaptive background modelling technique for moving object detection in video under dynamic environment. International Journal of Spatio-Temporal Data Science, 2019, 1, 4.	0.1	8
579	The Analysis of the Urea Biosensors Using Different Sensing Matrices via Wireless Measurement System & Microfluidic Measurement System. Sensors, 2019, 19, 3004.	2.1	16
580	Detection of Zn in water using novel functionalised planar microwave sensors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 247, 114382.	1.7	12
581	Low-Cost and Disposable Electrowetting-on-Dielectric Lab on a Chip With an Integrated Electrochemical Detector Fabricated by Screen-Printing Process. IEEE Sensors Journal, 2019, 19, 8597-8604.	2.4	8
582	Review on UHF RFID Localization Methods. IEEE Journal of Radio Frequency Identification, 2019, 3, 205-215.	1.5	94
583	Window Zooming-Based Localization Algorithm of Fruit and Vegetable for Harvesting Robot. IEEE Access, 2019, 7, 103639-103649.	2.6	29
584	Improvement of localization with artificial landmark for mobile manipulator. International Journal of Advanced Robotic Systems, 2019, 16, 172988141986298.	1.3	4
585	Modeling of Wireless Sensor Networks for Detection Land and Forest Fire Hotspot. , 2019, , .		21

#	ARTICLE	IF	CITATIONS
586	A hybrid deep convolutional and recurrent neural network for complex activity recognition using multimodal sensors. <i>Neurocomputing</i> , 2019, 362, 33-40.	3.5	38
587	Wearable sensors for monitoring the physiological and biochemical profile of the athlete. <i>Npj Digital Medicine</i> , 2019, 2, 72.	5.7	235
588	Adaptive Force-Vision Control of Robot Manipulator Using Sliding Mode and Fuzzy Logic. <i>Automatic Control and Computer Sciences</i> , 2019, 53, 203-213.	0.4	10
589	Advances in Electronic Nose Development for Application to Agricultural Products. <i>Food Analytical Methods</i> , 2019, 12, 2226-2240.	1.3	48
590	Trace double-component gas sensor in photoacoustic spectroscopy based on frequency division multiplexing. <i>Optical and Quantum Electronics</i> , 2019, 51, 1.	1.5	1
591	Development of soil moisture indices from differences in water absorption between shortwave-infrared bands. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 154, 216-230.	4.9	71
592	Underwater optical wireless communications, networking, and localization: A survey. <i>Ad Hoc Networks</i> , 2019, 94, 101935.	3.4	285
593	Microwave transmission properties of D-(+)-glucose solution with concentration variations. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 385401.	1.3	6
594	VLSI Architecture for Optimization Transform Technique based on Compression of ECG Signals. <i>International Journal of Computer Applications</i> , 2019, 181, 54-62.	0.2	1
595	The sigma-1 receptor behaves as an atypical auxiliary subunit to modulate the functional characteristics of Kv1.2 channels expressed in HEK293 cells. <i>Physiological Reports</i> , 2019, 7, e14147.	0.7	14
596	Energy Harvesting For Wearable Devices: A Review. <i>IEEE Sensors Journal</i> , 2019, 19, 9047-9062.	2.4	130
597	Fog-Enabled WLANs for Indoor Positioning. , 2019, , .		4
598	Electrocatalytic and Biosensing Properties of Aerobic Carbon Monoxide Dehydrogenase from <i>Hydrogenophaga Pseudoflava</i> Immobilized on Au Electrode towards Carbon Monoxide Oxidation. <i>Electroanalysis</i> , 2019, 31, 1635-1640.	1.5	5
599	Estimation for state-of-charge of lithium-ion battery based on an adaptive high-degree cubature Kalman filter. <i>Energy</i> , 2019, 189, 116204.	4.5	75
600	Influence of IMU position and orientation placement errors on ground reaction force estimation. <i>Journal of Biomechanics</i> , 2019, 97, 109416.	0.9	39
601	Unmanned Aircraft System (UAS) Technology and Applications in Agriculture. <i>Agronomy</i> , 2019, 9, 618.	1.3	93
602	Prediction of optimum sampling rates of air quality monitoring stations using hierarchical fuzzy logic control system. <i>Atmospheric Pollution Research</i> , 2019, 10, 1931-1943.	1.8	22
603	Phase-Based Target Classification Using Neural Network in Automotive Radar Systems. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
604	Optical camera communications: Survey, use cases, challenges, and future trends. <i>Physical Communication</i> , 2019, 37, 100900.	1.2	66
605	An Estimate Method of EPFM Constraint Parameter in 3D Cracked Structures for Sensor Structure Design. <i>IEEE Access</i> , 2019, 7, 112054-112066.	2.6	0
606	A WSN positioning algorithm based on 3D discrete chaotic mapping. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019, 2019, .	1.5	9
607	Bifurcation analysis of a first time-delay chaotic system. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	5
608	Rapid Detection and Visualization of Mechanical Bruises on "Nanfeng" Mandarin Using the Hyperspectral Imaging Combined with ICA_LSQ Method. <i>Food Analytical Methods</i> , 2019, 12, 2025-2034.	1.3	10
609	Optimal Synthesis of Maximally Robust Antenna Arrays by Means of Circular Interval Arithmetics. , 2019, , .		1
610	Distributed FiberOptic Sensing for Hydraulic-Fracturing Monitoring and Diagnostics. <i>E3S Web of Conferences</i> , 2019, 118, 02046.	0.2	0
611	Advanced Functional Materials from Nanopolysaccharides. <i>Springer Series in Biomaterials Science and Engineering</i> , 2019, , .	0.7	12
612	On the Use of Predictive Models for Improving the Quality of Industrial Maintenance: An Analytical Literature Review of Maintenance Strategies. , 0, , .		16
613	A Home-Based IoT-Enabled Framework for Sleep Behaviour Assessment. , 2019, , .		0
614	Effect of annealing on humidity sensing properties of Sm-doped SnO2 thin films. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5862-5866.	2.6	9
615	Authentication Techniques and Methodologies used in Wireless Body Area Networks. <i>Journal of Systems Architecture</i> , 2019, 101, 101655.	2.5	32
616	An ISVD and SFFSD-based vehicle ego-positioning method and its application on indoor parking guidance. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 108, 29-48.	3.9	8
617	Crack Junction Detection in Pavement Image Using Correlation Structure Analysis and Iterative Tensor Voting. <i>IEEE Access</i> , 2019, 7, 138094-138109.	2.6	6
618	EmbraceNet for activity. , 2019, , .		13
619	Driving Performance Assessment Based on Accurate Position Tracking. <i>Wireless Communications and Mobile Computing</i> , 2019, 2019, 1-8.	0.8	1
620	Fiber-Optics-Based Aeroelastic Shape Sensing. <i>AIAA Journal</i> , 2019, 57, 5094-5103.	1.5	31
621	A Linear Estimator for Network Localization Using Integrated RSS and AOA Measurements. <i>IEEE Signal Processing Letters</i> , 2019, 26, 405-409.	2.1	53

#	ARTICLE	IF	CITATIONS
622	Interventions for sleep difficulties in adults with an intellectual disability: a systematic review. <i>Journal of Intellectual Disability Research</i> , 2019, 63, 372-385.	1.2	16
623	Review of Neutrosophic-Set-Theory-Based Multiple- Target Tracking Methods in Uncertain Situations. , 2019, , .		2
624	Robust Static Vehicle Detection Method Based on the Fusion of GPS SNR and Magnetic Signal. <i>IEEE Sensors Journal</i> , 2019, 19, 10111-10120.	2.4	4
625	Automated droplet size distribution measurements using digital inline holography. <i>Journal of Aerosol Science</i> , 2019, 137, 105442.	1.8	34
626	BS-Assisted Task Offloading for D2D Networks with Presence of User Mobility. , 2019, , .		7
627	Influence of Substrate Material on the Sensitivity of the Raman Lidar Technique for Detecting Traces of High-Energy Materials. <i>Atmospheric and Oceanic Optics</i> , 2019, 32, 361-365.	0.6	2
628	Dynamic Testing Technique Based on Multi-channel Photonic Doppler Velocimetry for Investigating the Dynamic Behavior of Materials. <i>Acta Mechanica Solida Sinica</i> , 2019, 32, 725-736.	1.0	3
629	Using the promoters of MerR family proteins as "rheostats" to engineer whole-cell heavy metal biosensors with adjustable sensitivity. <i>Journal of Biological Engineering</i> , 2019, 13, 70.	2.0	27
630	Wideband signal detection for cognitive radio applications with limited resources. <i>Eurasip Journal on Advances in Signal Processing</i> , 2019, 2019, .	1.0	9
631	Robot indoor location modeling and simulation based on Kalman filtering. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019, 2019, .	1.5	12
632	Multi-branch Source Location Privacy Protection Scheme Based on Random Walk in WSNs. , 2019, , .		4
633	RCAR: A Reinforcement-Learning-Based Routing Protocol for Congestion-Avoided Underwater Acoustic Sensor Networks. <i>IEEE Sensors Journal</i> , 2019, 19, 10881-10891.	2.4	69
634	An Overview of Deep Learning in Prognostics and Health Management. , 2019, , .		0
635	Biofeedback in Breast Cancer Rehabilitation: Applying the WHO ICF Core Set to Identify Opportunities and Recommendations. , 2019, , .		0
636	SARM: Salah Activities Recognition Model Based on Smartphone. <i>Electronics (Switzerland)</i> , 2019, 8, 881.	1.8	18
637	Knowledge growth and development: internet of things (IoT) research, 2006"2018. <i>Heliyon</i> , 2019, 5, e02264.	1.4	79
638	sEMG Based Human Motion Intention Recognition. <i>Journal of Robotics</i> , 2019, 2019, 1-12.	0.6	25
639	Microwave Thermotherapy and Its Clinical Applications. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
641	Optical Fibre Long-Period Grating Sensors Operating at and around the Phase Matching Turning Point. , 0, , .		4
642	Vision Based Autonomous Landing of the Quadrotor Using Fuzzy Logic Control. , 2019, , .		3
643	On Secure Wireless Sensor Networks With Cooperative Energy Harvesting Relaying. IEEE Access, 2019, 7, 139212-139225.	2.6	11
644	Research on a New Model Structure for Unknown Radar Emitter Signal Sorting. Procedia Computer Science, 2019, 154, 514-518.	1.2	1
645	Mid-Infrared Spectroscopy and Challenges in Industrial Environment. , 0, , .		5
646	Transfer learning across human activities using a cascade neural network architecture. , 2019, , .		13
647	An Approximation for A Relative Crop Yield Estimate from Field Images Using Deep Learning. , 2019, , .		14
648	Carbon nanotube, poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate) and Ag nanoparticle doped gelatin based electro-active hydrogel systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 580, 123751.	2.3	14
649	Discrimination of the <i>V600E</i> Mutation in <i>BRAF</i> by Rolling Circle Amplification and Förster Resonance Energy Transfer. ACS Sensors, 2019, 4, 2786-2793.	4.0	19
650	Enhanced Living Environments. Lecture Notes in Computer Science, 2019, , .	1.0	8
651	Classification of UAV-to-ground vehicles based on micro-Doppler signatures using singular value decomposition and reconstruction. Optik, 2019, 181, 598-610.	1.4	3
652	Determining the Method Threshold of Identification via Gas Chromatography–Mass Spectrometry of Weathered Gasoline Extracted from Burnt Nylon Carpet. Journal of Forensic Sciences, 2019, 64, 1160-1168.	0.9	6
653	Flight and Hover Control System Design for a Mini-quadrotor Based on Multi-sensors. International Journal of Control, Automation and Systems, 2019, 17, 486-499.	1.6	17
654	Cell voltage monitoring All-in-One. A new low cost solution to perform degradation analysis on air-cooled polymer electrolyte fuel cells. International Journal of Hydrogen Energy, 2019, 44, 12842-12856.	3.8	21
655	Development of a standoff terahertz imaging system for concealed weapon detection. Microwave and Optical Technology Letters, 2019, 61, 1116-1120.	0.9	12
656	Depth Maps-Based Human Segmentation and Action Recognition Using Full-Body Plus Body Color Cues Via Recognizer Engine. Journal of Electrical Engineering and Technology, 2019, 14, 455-461.	1.2	37
657	Solid Biomass from Forest Trees to Energy: A Review. , 0, , .		6
658	Biomarkers-based Biosensing and Bioimaging with Graphene for Cancer Diagnosis. Nanomaterials, 2019, 9, 130.	1.9	50

#	ARTICLE	IF	CITATIONS
659	Healthcare Sensing and Monitoring. Lecture Notes in Computer Science, 2019, , 226-262.	1.0	27
660	A Review on Blockchain Technologies for an Advanced and Cyber-Resilient Automotive Industry. IEEE Access, 2019, 7, 17578-17598.	2.6	229
661	Identification of vascular lumen by singular value decomposition filtering on blood flow velocity distribution. Journal of Medical Ultrasonics (2001), 2019, 46, 187-194.	0.6	6
662	Mobile robot path planning using membrane evolutionary artificial potential field. Applied Soft Computing Journal, 2019, 77, 236-251.	4.1	268
663	Estimation of sensor faults and unknown disturbance in current measurement circuits for PMSM drive system. Measurement: Journal of the International Measurement Confederation, 2019, 137, 580-587.	2.5	17
664	Motor fault detection using Quaternion Signal Analysis on FPGA. Measurement: Journal of the International Measurement Confederation, 2019, 138, 416-424.	2.5	11
665	Mobile AR Tourist Attraction Guide System Design Based on Image Recognition and User Behavior. Advances in Intelligent Systems and Computing, 2019, , 858-863.	0.5	1
666	Spatiotemporal interpolation through an extension of differential evolution algorithm for agricultural insurance claims. Journal of Computational and Applied Mathematics, 2019, 352, 278-292.	1.1	3
667	Clamp looseness detection using modal strain estimated from FBG based operational modal analysis. Measurement: Journal of the International Measurement Confederation, 2019, 137, 82-97.	2.5	28
668	An Improved Roadside Parking Space Occupancy Detection Method Based on Magnetic Sensors and Wireless Signal Strength. Sensors, 2019, 19, 2348.	2.1	13
669	Versatile Tunable Voltage-Mode Biquadratic Filter and Its Application in Quadrature Oscillator. Sensors, 2019, 19, 2349.	2.1	19
671	Chirped fiber Bragg grating coupled with a light emitting diode as FBG interrogator. Optics and Lasers in Engineering, 2019, 122, 59-64.	2.0	7
672	Comparative analysis of positioning accuracy of Samsung Galaxy smartphones in stationary measurements. PLoS ONE, 2019, 14, e0215562.	1.1	49
673	Scaling of added mass and added damping of cylindrical rods by means of FSI simulations. Journal of Fluids and Structures, 2019, 88, 241-256.	1.5	10
674	The Detection of the Pipe Crack Utilizing the Operational Modal Strain Identified from Fiber Bragg Grating. Sensors, 2019, 19, 2556.	2.1	17
675	Dual arm electrical transmission line robot: motion through straight and jumper cable. Automatika, 2019, 60, 207-226.	1.2	17
676	Pedestal subwavelength grating metamaterial waveguide ring resonator for ultra-sensitive label-free biosensing. Biosensors and Bioelectronics, 2019, 141, 111396.	5.3	32
677	High precision strain monitoring for lithium ion batteries based on fiber Bragg grating sensors. Journal of Power Sources, 2019, 433, 226692.	4.0	63

#	ARTICLE	IF	CITATIONS
678	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
679	Smart City System Design. ACM Computing Surveys, 2020, 52, 1-38.	16.1	50
681	Bio-Inspired Robotic Solutions for Landslide Monitoring. Energies, 2019, 12, 1256.	1.6	15
682	Prediction-Based Delay Optimization Data Collection Algorithm for Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 6926-6936.	3.9	57
683	Digital TV and Multimedia Communication. Communications in Computer and Information Science, 2019, , .	0.4	0
684	A bearing data analysis based on kurtogram and deep learning sequence models. Measurement: Journal of the International Measurement Confederation, 2019, 145, 665-677.	2.5	42
685	Application of Fruit Fly Optimization Algorithm for Single-Path Routing in Wireless Sensor Network for Node Capture Attack. Lecture Notes in Networks and Systems, 2019, , 129-136.	0.5	9
686	Novel IoT-Based Privacy-Preserving Yoga Posture Recognition System Using Low-Resolution Infrared Sensors and Deep Learning. IEEE Internet of Things Journal, 2019, 6, 7192-7200.	5.5	72
687	Polypyrrole-Coated Polarization Maintaining Fiber-Based Vernier Effect for Isopropanol Measurement. Journal of Lightwave Technology, 2019, 37, 2768-2772.	2.7	12
688	Modeling, online identification, and compensation control of single tendon sheath system with time-varying configuration. Mechanical Systems and Signal Processing, 2019, 130, 56-73.	4.4	19
689	Recent Advancements in Doped/Co-Doped Carbon Quantum Dots for Multi-Potential Applications. Journal of Carbon Research, 2019, 5, 24.	1.4	42
690	Object Detection Method Based on Three-dimension Information Extraction of Laser Point Cloud. , 2019, , .		2
691	Machine learning for wearable IoT-based applications: A survey. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3635.	2.6	49
692	An overview of multirate multisensor systems: Modelling and estimation. Information Fusion, 2019, 52, 335-343.	11.7	27
693	Flexible Textile Strain Sensor Based on Copper-Coated Lyocell Type Cellulose Fabric. Polymers, 2019, 11, 784.	2.0	23
694	Microfluidic biochemical sensor based on circular SIW-based DMS approach for dielectric characterization application. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21801.	0.8	5
695	Recognition of walking environments and gait period by surface electromyography. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 342-352.	1.5	48
696	In vitro methods to determine the antioxidant activity of caffeic acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 358-366.	2.0	74

#	ARTICLE	IF	CITATIONS
697	Malware Detection on Byte Streams of PDF Files Using Convolutional Neural Networks. Security and Communication Networks, 2019, 2019, 1-9.	1.0	20
698	The significance of artificial intelligence in drug delivery system design. Advanced Drug Delivery Reviews, 2019, 151-152, 169-190.	6.6	140
699	Driving Anger States Detection Based on Incremental Association Markov Blanket and Least Square Support Vector Machine. Discrete Dynamics in Nature and Society, 2019, 2019, 1-17.	0.5	9
700	Multimedia Data Archive Application in Cloud Environment. , 2019, , 61-68.		0
701	District Partition-Based Data Collection Algorithm With Event Dynamic Competition in Underwater Acoustic Sensor Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 5755-5764.	7.2	60
702	A review on nanomaterial-modified optical fiber sensors for gases, vapors and ions. Mikrochimica Acta, 2019, 186, 253.	2.5	60
703	Water quality monitoring and evaluation using remote sensing techniques in China: a systematic review. Ecosystem Health and Sustainability, 2019, 5, 47-56.	1.5	86
704	Production of Hydrogel Microneedles from Fish Scale Biopolymer. Journal of Polymers and the Environment, 2019, 27, 1252-1258.	2.4	9
705	Research on rolling bearing fault diagnosis based on multi-dimensional feature extraction and evidence fusion theory. Royal Society Open Science, 2019, 6, 181488.	1.1	15
706	A Robust Framework for Abnormal Human Action Recognition Using \mathcal{R} -Transform and Zernike Moments in Depth Videos. IEEE Sensors Journal, 2019, 19, 5195-5203.	2.4	59
707	Nonlinear Multi-Mode Wideband Piezoelectric MEMS Vibration Energy Harvester. IEEE Sensors Journal, 2019, 19, 4837-4848.	2.4	58
708	Current Transformer Accuracy Improvement by Digital Compensation Technique. Mapan - Journal of Metrology Society of India, 2019, 34, 225-237.	1.0	4
709	WoT Store: Enabling Things and Applications Discovery for the W3C Web of Things. , 2019, , .		19
710	Review and Performance Evaluation of Photovoltaic Array Fault Detection and Diagnosis Techniques. International Journal of Photoenergy, 2019, 2019, 1-19.	1.4	82
711	Dielectrophoretic cell trapping for improved surface plasmon resonance imaging sensing. Electrophoresis, 2019, 40, 1417-1425.	1.3	6
712	Graphene Nanomaterials-Based Radio-Frequency/Microwave Biosensors for Biomaterials Detection. Materials, 2019, 12, 952.	1.3	17
713	An Intrusion Detection Model Based on Feature Reduction and Convolutional Neural Networks. IEEE Access, 2019, 7, 42210-42219.	2.6	222
714	Inspection of both inner and outer cracks in aluminum tubes using double frequency circumferential current field testing method. Mechanical Systems and Signal Processing, 2019, 127, 16-34.	4.4	18

#	ARTICLE	IF	CITATIONS
715	Local Strand-Breakage Detection in Multi-Strand Anchorage System Using an Impedance-Based Stress Monitoring Method—Feasibility Study. <i>Sensors</i> , 2019, 19, 1054.	2.1	23
716	Hexagonal boron nitride nanosheets doped pyroelectric ceramic composite for high-performance thermal energy harvesting. <i>Nano Energy</i> , 2019, 60, 144-152.	8.2	34
717	High sensitivity refractive index sensor based on micro-fiber with micro-arched transition. <i>Optical Fiber Technology</i> , 2019, 50, 13-18.	1.4	3
718	Wavelet-based protection strategy for series arc faults interfered by multicomponent noise signals in grid-connected photovoltaic systems. <i>Solar Energy</i> , 2019, 183, 327-336.	2.9	29
719	A Review on the Application of Blockchain to the Next Generation of Cybersecure Industry 4.0 Smart Factories. <i>IEEE Access</i> , 2019, 7, 45201-45218.	2.6	217
720	Electrocardiogram Reconstruction Based on Compressed Sensing. <i>IEEE Access</i> , 2019, 7, 37228-37237.	2.6	14
721	Compressive Sensing-Based Channel Estimation for FBMC-OQAM System Under Doubly Selective Channels. <i>IEEE Access</i> , 2019, 7, 51150-51158.	2.6	21
722	Analyzing and Recognizing Pedestrian Motion Using 3D Sensor Network and Machine Learning. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 161-171.	0.5	0
723	Data-Driven Edge Computing. , 2019, , 1-4.		0
724	Fog Computing for Detecting Vehicular Congestion, an Internet of Vehicles Based Approach: A Review. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2019, 11, 8-16.	2.6	50
725	A Learning Automata Based Stable and Energy-Efficient Routing Algorithm for Discrete Energy Harvesting Mobile Wireless Sensor Network. <i>Wireless Personal Communications</i> , 2019, 107, 437-469.	1.8	4
726	Eliciting and Considering Underlay User Preferences for Data-Forwarding in Multihop Wireless Networks. <i>IEEE Access</i> , 2019, 7, 40052-40067.	2.6	3
727	A review on EMG-based motor intention prediction of continuous human upper limb motion for human-robot collaboration. <i>Biomedical Signal Processing and Control</i> , 2019, 51, 113-127.	3.5	236
728	Sensors for biosensors: a novel tandem monitoring in a droplet towards efficient screening of robust design and optimal operating conditions. <i>Analyst, The</i> , 2019, 144, 2511-2522.	1.7	17
729	A Review of Approaches for Sleep Quality Analysis. <i>IEEE Access</i> , 2019, 7, 24527-24546.	2.6	61
730	Wavelet transform based modulation classification for 5G and UAV communication in multipath fading channel. <i>Physical Communication</i> , 2019, 34, 272-282.	1.2	28
731	Amperometric enzyme sensor for the rapid determination of histamine. <i>Analytical Methods</i> , 2019, 11, 1264-1269.	1.3	38
732	An adaptive immune algorithm for service-oriented agricultural Internet of Things. <i>Neurocomputing</i> , 2019, 344, 3-12.	3.5	20

#	ARTICLE	IF	CITATIONS
733	Visual Identity-Based Earthquake Ground Displacement Testing Method. Shock and Vibration, 2019, 2019, 1-10.	0.3	3
734	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
735	Resource use by and trophic variability of <i>Armases cinereum</i> (Crustacea, Brachyura) across human-impacted mangrove transition zones. PLoS ONE, 2019, 14, e0212448.	1.1	6
737	The role of wearables in spinal posture analysis: a systematic review. BMC Musculoskeletal Disorders, 2019, 20, 55.	0.8	57
738	EmbraceNet: A robust deep learning architecture for multimodal classification. Information Fusion, 2019, 51, 259-270.	11.7	89
739	BIM-Tracker: A model-based visual tracking approach for indoor localisation using a 3D building model. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 150, 157-171.	4.9	29
740	A dynamic soil endmember spectrum selection approach for soil and crop residue linear spectral unmixing analysis. International Journal of Applied Earth Observation and Geoinformation, 2019, 78, 306-317.	1.4	16
741	Big Data and Analytics as Strategies to Generate Public Value in Smart Cities: Proposing an Integrative Framework. Public Administration and Information Technology, 2019, , 247-267.	0.6	13
742	Dicyclohexylurea derivatives of amino acids as dye absorbent organogels and anion sensors. Organic and Biomolecular Chemistry, 2019, 17, 3026-3039.	1.5	7
743	Experimental Study on Microfluidic Mixing with Trapezoidal Obstacles in a 1000-Fold Span of Reynolds Number. , 2019, , .		0
744	A Novel Security Protocol for Wireless Sensor Networks Based on Elliptic Curve Signcryption. International Journal of Computer Networks and Communications, 2019, 11, 93-112.	0.3	2
745	A cloud-based approach to dynamically manage service contracts for local public transportation. International Journal of Grid and Utility Computing, 2019, 10, 694.	0.1	2
746	Broad learning system for human activity recognition using sensor data. International Journal of Computer Applications in Technology, 2019, 61, 259.	0.3	2
747	Multi-Scale Collaborative Network for Human Pose Estimation. International Journal of Humanoid Robotics, 2019, 16, 1941003.	0.6	2
748	A crowdsensing-based framework for urban air quality decision support. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 4298-4313.	0.9	5
749	A flexible, efficient and low-cost experimental platform for FMCW radars. Sensor Review, 2019, 39, 495-503.	1.0	6
750	Multiple Source Localization by Sensor Fusion of Digital Magnetic Compass Data with Spectroscopic Data. , 2019, , .		0
751	An approach to determine condition of boring tool using acoustic & vibration signals. IOP Conference Series: Materials Science and Engineering, 2019, 627, 012002.	0.3	0

#	ARTICLE	IF	CITATIONS
752	Pedestrian Presence Detection System Based on Image Processing. , 2019, , .		2
753	SHPI: Smart Healthcare System for Patients in ICU using IoT. , 2019, , .		15
754	Chart Datum and Bathymetry Correction To Support Managing Coral Grouper In Lepar And Pongok Island Waters, South Bangka Regency. Ilmu Kelautan: Indonesian Journal of Marine Sciences, 2019, 23, 179-186.	0.3	0
755	Live tasking / command and control (C2) of ISR unmanned underwater gliders from remote operational sites. , 2019, , .		3
756	Mechanism Design and Kinematic Analysis of a Waist and Lower Limbs Cable-Driven Parallel Rehabilitation Robot. , 2019, , .		2
757	Near-field 3D imaging approach combining MJSR and FGG-NUFFT. Journal of Systems Engineering and Electronics, 2019, 30, 1096-1109.	1.1	6
758	Zeroth-Order Resonator Based on Mushroom-like Structure for Liquid Mixture Concentration Sensing of Sodium Chloride Solution. , 2019, , .		5
759	Joint node selection, flow routing, and cell coverage optimisation for network sum-rate maximisation in wireless sensor networks. IET Wireless Sensor Systems, 2019, 9, 424-437.	1.3	1
760	An Image Thresholding Method Based on Differential Evolution Algorithm and Genetic Algorithm. , 2019, , .		0
761	A Model Predictive Adaptive Control Algorithm for Human Occupied Vehicle. , 2019, , .		2
762	GPU-Based Soil Parameter Parallel Inversion for PolSAR Imagery. , 2019, , .		0
763	Design and Development of an IoT enabled Pedestrian Counting and Environmental Monitoring System for a Smart City. , 2019, , .		13
764	Weight-Variable Scattering Convolution Networks and Its Application in Electromagnetic Signal Classification. IEEE Access, 2019, 7, 175889-175896.	2.6	9
765	Investigation on Different Color Spaces on Faster RCNN for Night-Time Human Occupancy Modelling. , 2019, , .		3
766	Non-Centralised and Non-GPS Navigation Mechanism using IoT sensors: challenges and trade-offs. , 2019, , .		1
767	Attack and Defense Game Strategy of Wireless Sensor Networks under Multiple Attacks. , 2019, , .		2
768	Quickest physical-layer MGD anomaly detection for jamming attacks in centralized modulated wideband converter-based ROC curve. International Journal of Communication Systems, 2019, 32, e4159.	1.6	1
769	A Review on Deep Learning Applications in Prognostics and Health Management. IEEE Access, 2019, 7, 162415-162438.	2.6	129

#	ARTICLE	IF	CITATIONS
770	Designing the Four-Tooth-Shaped Microstrip Antenna for Wi-Fi Applications. , 2019, , .		7
771	A signal-on photoelectrochemical biosensor for detecting cancer marker type IV collagenase by coupling enzyme cleavage with exciton energy transfer biosensing. Analytical Methods, 2019, 11, 5880-5885.	1.3	5
772	Bathymetry-aided underwater acoustic localization using a single passive receiver. Journal of the Acoustical Society of America, 2019, 146, 4774-4789.	0.5	9
773	Beyond solid-state lighting: Miniaturization, hybrid integration, and applications of GaN nano- and micro-LEDs. Applied Physics Reviews, 2019, 6, .	5.5	194
774	Review of Potential Methods for Handover Decision in V2V VANET. , 2019, , .		4
775	Intrusion Detection Based on Stacked Autoencoder for Connected Healthcare Systems. IEEE Network, 2019, 33, 64-69.	4.9	35
776	Method and Analysis of TOA-Based Localization in 5G Ultra-Dense Networks with Randomly Distributed Nodes. IEEE Access, 2019, 7, 174986-175002.	2.6	13
777	Genetic Algorithm Approach improved by 2D Lifting Scheme for Sensor Node Placement in Optimal Position. , 2019, , .		2
778	The future security of travel by public transport: A review of evidence. Research in Transportation Business and Management, 2019, 32, 100388.	1.6	6
779	Temperature and moisture in a highway in the south of Kazakhstan. Transportation Geotechnics, 2019, 21, 100292.	2.0	7
780	An Online Method to Detect Urban Computing Outliers via Higher-Order Singular Value Decomposition. Sensors, 2019, 19, 4464.	2.1	1
781	Imaging Experiment of Airborne UHF Ultra-wideband Synthetic Aperture Radar. , 2019, , .		1
782	The POSEIDON Supersite Observatory. A Technological Test-bed for the Eastern Mediterranean. , 2019, , .		0
783	Imaging of thick objects using silicon Bessel zone plates at 0.6 THz. , 2019, , .		0
784	Advantages and Characteristics of a WPT System with a Resonant Wired-2-Coil Repeater. , 2019, , .		0
785	Date Fruit Recognition using Feature Extraction Techniques and Deep Convolutional Neural Network. Indian Journal of Science and Technology, 2019, 12, 1-12.	0.5	17
786	The real-time elderly fall posture identifying scheme with wearable sensors. International Journal of Distributed Sensor Networks, 2019, 15, 155014771988561.	1.3	6
787	Accuracy Assessment and Learned Error Mitigation of UWB ToF Ranging. , 2019, , .		24

#	ARTICLE	IF	CITATIONS
788	Sensitivity and Distortion Analysis of a 125-GHz Interferometry Radar for Submicrometer Motion Sensing Applications. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5384-5395.	2.9	32
789	Trilateration With BLE RSSI Accounting for Pathloss Due to Human Obstacles. , 2019, , .		12
790	Estimation for Networked Random Sampling Systems With Packet Losses. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5511-5521.	5.9	4
791	Near real-time scientific data provision from unmanned underwater gliders to remote operational sites. , 2019, , .		6
792	Estimation of the Polar Angle in a 3D Infrared Indoor Positioning System based on a QADA receiver. , 2019, , .		13
793	Wireless Sensor Network Based Real-Time Monitoring and Fault Detection for Photovoltaic Systems. , 2019, , .		3
794	Electrolyte Concentration Measurements in DI Water with 0.125 g/L Resolution by means of CSRR-Based Structures. , 2019, , .		7
795	Development of a Piezoelectric Transducer Coupling System for Structural Health Monitoring Applications. , 2019, , .		2
796	Directional mobile charging method for mine Internet of things. IET Communications, 2019, 13, 3285-3293.	1.5	5
797	Design and Realization of A Low Cost Clinometer based on ADXL345 Sensor, Ultrasonic Sensor, and Android based Smartphone. Journal of Physics: Conference Series, 2019, 1424, 012006.	0.3	1
798	Cryptanalysis of Improved and Provably Secure Three-Factor User Authentication Scheme for Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 49-58.	0.3	2
799	Walking gait event detection based on electromyography signals using artificial neural network. Biomedical Signal Processing and Control, 2019, 47, 334-343.	3.5	90
800	Insulator self-shattering detection: a deep convolutional neural network approach. Multimedia Tools and Applications, 2019, 78, 10097-10112.	2.6	20
801	Vibration response analysis of a cracked rotating compressor blade during run-up process. Mechanical Systems and Signal Processing, 2019, 118, 568-583.	4.4	66
802	Recognition and sensing of organic compounds using analytical methods, chemical sensors, and pattern recognition approaches. Chemometrics and Intelligent Laboratory Systems, 2019, 185, 18-31.	1.8	35
803	Driver's eye-based gaze tracking system by one-point calibration. Multimedia Tools and Applications, 2019, 78, 7155-7179.	2.6	8
804	Understanding and simulating SiPMs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 926, 16-35.	0.7	156
805	Current Trends in Detection of Histamine in Food and Beverages. Journal of Agricultural and Food Chemistry, 2019, 67, 773-783.	2.4	65

#	ARTICLE	IF	CITATIONS
806	Nanobiosensor approaches for pollutant monitoring. <i>Environmental Chemistry Letters</i> , 2019, 17, 975-990.	8.3	26
807	Infrastructure-based vehicular congestion detection scheme for V2I. <i>International Journal of Communication Systems</i> , 2019, 32, e3877.	1.6	13
808	The effect of antenna polarization and body morphology on the measurement uncertainty of a wearable multi-band distributed exposure meter. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2019, 74, 67-77.	1.6	5
809	Behaviors classification based distance measuring system for pedestrians via a foot-mounted inertial sensor. <i>Asian Journal of Control</i> , 2019, 21, 1483-1495.	1.9	5
810	Analysis of flow induced vibrations and static deformations of fuel rods considering the effects of wire spacers and working fluids. <i>Journal of Fluids and Structures</i> , 2019, 84, 440-465.	1.5	22
811	Polarization induced non-reciprocal phase controlled all-fiber loop mirror based inclinometer. <i>Optics and Laser Technology</i> , 2019, 112, 134-139.	2.2	6
812	Model and experiment of scale factor acceleration sensitivity of MEMS gyroscope in high acceleration environment. <i>Microsystem Technologies</i> , 2019, 25, 3097-3103.	1.2	3
813	A review of optical methods for continuous glucose monitoring. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 543-572.	3.4	74
814	Review of the recent advances and applications of LIBS-based imaging. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 151, 41-53.	1.5	138
815	Structural and bone marrow stem cell biocompatibility studies of hydrogel synthesized via chemo-enzymatic route. <i>Journal of Biomaterials Applications</i> , 2019, 33, 854-865.	1.2	1
816	Survey on IoV routing protocols: Security and network architecture. <i>International Journal of Communication Systems</i> , 2019, 32, e3849.	1.6	41
817	Classification of multiple motor imagery using deep convolutional neural networks and spatial filters. <i>Applied Soft Computing Journal</i> , 2019, 75, 461-472.	4.1	87
818	RRT-based path planning for an intelligent litchi-picking manipulator. <i>Computers and Electronics in Agriculture</i> , 2019, 156, 105-118.	3.7	99
819	Error Modelling and Optimal Estimation of Laser Scanning Aided Inertial Navigation System in GNSS-Denied Environments. <i>Journal of Navigation</i> , 2019, 72, 741-758.	1.0	2
820	A Robust NLOS Bias Mitigation Technique for RSS-TOA-Based Target Localization. <i>IEEE Signal Processing Letters</i> , 2019, 26, 64-68.	2.1	49
821	A Novel Localization Method Based on RSS-AOA Combined Measurements by Using Polarized Identity. <i>IEEE Sensors Journal</i> , 2019, 19, 1463-1470.	2.4	25
822	Computer-assisted medical image classification for early diagnosis of oral cancer employing deep learning algorithm. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 829-837.	1.2	196
823	Design of a high SNR electronic heart sound sensor based on a MEMS bionic hydrophone. <i>AIP Advances</i> , 2019, 9, .	0.6	23

#	ARTICLE	IF	CITATIONS
824	Enzyme-free colorimetric sensing of glucose using l-cysteine functionalized silver nanoparticles. SN Applied Sciences, 2019, 1, 1.	1.5	11
825	Using Deep Convolutional Neural Network for oak acorn viability recognition based on color images of their sections. Computers and Electronics in Agriculture, 2019, 156, 490-499.	3.7	31
826	Microfluidic-based laser speckle contrast imaging of erythrocyte flow and magnetic nanoparticle retention in blood. AIP Advances, 2019, 9, 015003.	0.6	4
827	An End-to-End Human Segmentation by Region Proposed Fully Convolutional Network. IEEE Access, 2019, 7, 16395-16405.	2.6	6
828	Detection of stationary human target via contactless radar networks. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3193-3200.	3.3	2
829	Blockchain for Secure and Efficient Data Sharing in Vehicular Edge Computing and Networks. IEEE Internet of Things Journal, 2019, 6, 4660-4670.	5.5	547
830	Simultaneous measurement of refractive index and temperature based on half-tapered SMS fiber structure with fringe-visibility difference demodulation method. Optics Communications, 2019, 433, 252-255.	1.0	34
831	A Survey of the Research Status of Pedestrian Dead Reckoning Systems Based on Inertial Sensors. International Journal of Automation and Computing, 2019, 16, 65-83.	4.5	77
832	Security in MQTT and CoAP Protocols of IOT's Application Layer. Communications in Computer and Information Science, 2019, , 273-285.	0.4	1
833	Humidity sensing performance of mesoporous CoO(OH) synthesized via one-pot hydrothermal method. Sensors and Actuators B: Chemical, 2019, 280, 46-53.	4.0	18
834	Incipient fault diagnosis of limit switch based on a ARMA model. Measurement: Journal of the International Measurement Confederation, 2019, 135, 473-480.	2.5	13
835	Toward global instantaneous decimeter-level positioning using tightly coupled multi-constellation and multi-frequency GNSS. Journal of Geodesy, 2019, 93, 977-991.	1.6	55
836	Conformational and solution dynamics of hemoglobin (Hb) in presence of a cleavable gemini surfactant: Insights from spectroscopy, atomic force microscopy, molecular docking and density functional theory. Journal of Colloid and Interface Science, 2019, 538, 489-498.	5.0	14
837	A Novel NLOS Mitigation Algorithm for UWB Localization in Harsh Indoor Environments. IEEE Transactions on Vehicular Technology, 2019, 68, 686-699.	3.9	216
838	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
839	Development of ultrasonic guided wave inspection methodology for steam generator tubes of prototype fast breeder reactor. Ultrasonics, 2019, 93, 112-121.	2.1	13
840	Temperature in pavement and subgrade and its effect on moisture. Case Studies in Thermal Engineering, 2019, 13, 100363.	2.8	20
841	Optimization of a liquid refractive index sensor based on an integrated optic slot-waveguide directional coupler. Optik, 2019, 180, 984-990.	1.4	2

#	ARTICLE	IF	CITATIONS
842	Three-dimensional mesoporous hierarchical carbon nanotubes/nickel foam-supported gold nanoparticles as a free-standing sensor for sensitive hydrazine detection. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 444-452.	1.9	16
843	Evaluation of the Effects of Chiropractic on Static and Dynamic Muscle Variables in Sport Horses. <i>Journal of Equine Veterinary Science</i> , 2019, 73, 84-90.	0.4	9
844	Bi-stable actuator measurement method based on voice coil motor. <i>Sensors and Actuators A: Physical</i> , 2019, 285, 59-66.	2.0	15
845	TBRS: A trust based recommendation scheme for vehicular CPS network. <i>Future Generation Computer Systems</i> , 2019, 92, 383-398.	4.9	50
846	Implementation and test of an RSSI-based indoor target localization system: Human movement effects on the accuracy. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 133, 370-382.	2.5	28
847	Machine learning algorithms for wireless sensor networks: A survey. <i>Information Fusion</i> , 2019, 49, 1-25.	11.7	474
848	Electrically evoked wrist extensor muscle fatigue throughout repetitive motion as measured by mechanomyography and near-infrared spectroscopy. <i>Biomedizinische Technik</i> , 2019, 64, 439-448.	0.9	4
849	Developing open cavity solid-state laser for self-mixing sensor. <i>Sensor Review</i> , 2019, 39, 252-256.	1.0	1
850	Accommodation of curtailed wind power by electric water heaters based on a new hybrid prediction approach. <i>Journal of Modern Power Systems and Clean Energy</i> , 2019, 7, 525-537.	3.3	7
851	Finite-time consensus tracking for multi-agent systems with inherent uncertainties and disturbances. <i>International Journal of Control</i> , 2019, 92, 1415-1425.	1.2	12
852	Effective crowdsensing and routing algorithms for next generation vehicular networks. <i>Wireless Networks</i> , 2019, 25, 1815-1827.	2.0	12
853	Game theoretic approach of eavesdropping attack in millimeter-wave-based WPANs with directional antennas. <i>Wireless Networks</i> , 2019, 25, 3205-3222.	2.0	7
854	An improved algorithm based on CLAHE for ultrasonic well logging image enhancement. <i>Cluster Computing</i> , 2019, 22, 12609-12618.	3.5	10
855	Deep learning of smartphone sensor data for personal health assistance. <i>Microelectronics Journal</i> , 2019, 88, 164-172.	1.1	22
856	Green media-aware medical IoT system. <i>Multimedia Tools and Applications</i> , 2019, 78, 3045-3064.	2.6	31
857	A coverage hole detection and repair algorithm in wireless sensor networks. <i>Cluster Computing</i> , 2019, 22, 12473-12480.	3.5	6
858	Image super-resolution via two stage coupled dictionary learning. <i>Multimedia Tools and Applications</i> , 2019, 78, 28453-28460.	2.6	6
859	Emotions Recognition Using EEG Signals: A Survey. <i>IEEE Transactions on Affective Computing</i> , 2019, 10, 374-393.	5.7	575

#	ARTICLE	IF	CITATIONS
860	Design and analysis of authenticated key agreement scheme in cloud-assisted cyber-physical systems. <i>Future Generation Computer Systems</i> , 2020, 108, 1267-1286.	4.9	98
861	EETP-MAC: energy efficient traffic prioritization for medium access control in wireless body area networks. <i>Telecommunication Systems</i> , 2020, 75, 181-203.	1.6	21
862	Distributed fusion filtering for multi-sensor systems with correlated random transition and measurement matrices. <i>International Journal of Computer Mathematics</i> , 2020, 97, 263-274.	1.0	3
863	Medical Help-Seekers with Anxiety from Deterioration in Memory are Characterized with Risk Factors for Cognitive Decline. <i>Clinical Gerontologist</i> , 2020, 43, 204-208.	1.2	7
864	Spatiotemporal variability of soil moisture in arid vegetation communities using MODIS vegetation and dryness indices. <i>Arid Land Research and Management</i> , 2020, 34, 1-25.	0.6	9
865	Recent Advances in Information and Communication Technology 2019. <i>Advances in Intelligent Systems and Computing</i> , 2020, , .	0.5	1
866	Autonomous Navigation with Open Software Platform for Field Robots. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 425-450.	0.3	5
867	The Combination of Different Cell Sizes of HOG with KELM for Vehicle Detection. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 180-190.	0.5	1
868	Arrhythmia detection by extracting hybrid features based on refined Fuzzy entropy (FuzEn) approach and employing machine learning techniques. <i>Waves in Random and Complex Media</i> , 2020, 30, 656-686.	1.6	13
869	DWT-based reversible information hiding scheme using prediction-error-expansion in multimedia images. <i>Peer-to-Peer Networking and Applications</i> , 2020, 13, 514-523.	2.6	7
870	Fractional Order (FO) Two Degree of Freedom (2-DOF) control of Linear Time Invariant (LTI) plants. <i>ISA Transactions</i> , 2020, 96, 352-366.	3.1	9
871	Face detection based on occlusion area detection and recovery. <i>Multimedia Tools and Applications</i> , 2020, 79, 16531-16546.	2.6	5
872	Ambient Backscatter Communications to Energize IoT Devices. <i>IETE Technical Review (Institution of Tj ETQq0 0 0 rBT /Overlock 10 Tf</i>	2.1	11
873	Integrated navigation for autonomous underwater vehicles in aquaculture: A review. <i>Information Processing in Agriculture</i> , 2020, 7, 139-151.	2.9	28
874	Calculation of the inverse kinematics solution of the 7-DOF redundant robot manipulator by the firefly algorithm and statistical analysis of the results in terms of speed and accuracy. <i>Inverse Problems in Science and Engineering</i> , 2020, 28, 601-613.	1.2	43
875	Fall prediction using behavioural modelling from sensor data in smart homes. <i>Artificial Intelligence Review</i> , 2020, 53, 1071-1091.	9.7	35
876	Distributed fusion estimation from measurements with correlated random parameter matrices and noise correlation. <i>International Journal of Computer Mathematics</i> , 2020, 97, 95-108.	1.0	6
877	Panoramic video stitching of dual cameras based on spatio-temporal seam optimization. <i>Multimedia Tools and Applications</i> , 2020, 79, 3107-3124.	2.6	6

#	ARTICLE	IF	CITATIONS
878	Characteristics of heat fluxes in subsurface shallow depth soil layer as a renewable thermal source for ground coupled heat pumps. <i>Renewable Energy</i> , 2020, 146, 1846-1866.	4.3	27
879	MEMS-Based IMU Drift Minimization: Sage Husa Adaptive Robust Kalman Filtering. <i>IEEE Sensors Journal</i> , 2020, 20, 250-260.	2.4	104
880	Remote sensing techniques and stable isotopes as phenotyping tools to assess wheat yield performance: Effects of growing temperature and vernalization. <i>Plant Science</i> , 2020, 295, 110281.	1.7	18
881	Computer vision technology in agricultural automation – A review. <i>Information Processing in Agriculture</i> , 2020, 7, 1-19.	2.9	233
882	Adaptive electronic differential control of vehicle by torque balance. <i>Mobile Networks and Applications</i> , 2020, 25, 1604-1610.	2.2	4
883	Preparing opportunistic networks for smart cities: Collecting sensed data with minimal knowledge. <i>Journal of Parallel and Distributed Computing</i> , 2020, 135, 21-55.	2.7	11
884	A novel method for the estimation of cobalt (II) in practical samples using ammonium pyrrolidine dithiocarbamate. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13348.	1.3	2
885	Using Collaborative Edge-Cloud Cache for Search in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2020, 7, 922-936.	5.5	14
886	Smart Cutting Tool Integrated With Optical Fiber Sensors for Cutting Force Measurement in Turning. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 1720-1727.	2.4	23
887	A new electrochemical platform based on low cost nanomaterials for sensitive detection of the amoxicillin antibiotic in different matrices. <i>Talanta</i> , 2020, 206, 120252.	2.9	92
888	3D printed medical parts with different materials using additive manufacturing. <i>Clinical Epidemiology and Global Health</i> , 2020, 8, 215-223.	0.9	80
889	A Comprehensive Survey on Mobility-Aware D2D Communications: Principles, Practice and Challenges. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 1863-1886.	24.8	95
890	Theory and Methodology of Electromagnetic Ultrasonic Guided Wave Imaging. , 2020, , .		0
891	Directivity and Controllability of Electromagnetic Ultrasonic Transducer. , 2020, , 31-151.		0
892	The interplay of protein–ligand and water-mediated interactions shape affinity and selectivity in the LAO binding protein. <i>FEBS Journal</i> , 2020, 287, 763-782.	2.2	14
893	Scheduling with common due date assignment to minimize generalized weighted earliness–tardiness penalties. <i>Optimization Letters</i> , 2020, 14, 1681-1699.	0.9	5
894	Nonlinear Merging Consensus for Multi-Agent Systems on Directed and Weighted Signed Graph. <i>IEEE Access</i> , 2020, 8, 21355-21362.	2.6	1
895	Human activity recognition with analysis of angles between skeletal joints using a RGB–depth sensor. <i>ETRI Journal</i> , 2020, 42, 78-89.	1.2	29

#	ARTICLE	IF	CITATIONS
896	A Geometric Approach for Distributed Multi-Hop Target Localization in Cooperative Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 914-919.	3.9	14
897	Toward secure and privacy-preserving WBSN-based health monitoring applications. , 2020, , 179-214.		1
898	Development of an Efficient Coral-Coverage Estimation Method Using a Towed Optical Camera Array System [Speedy Sea Scanner (SSS)] and Deep-Learning-Based Segmentation: A Sea Trial at the Kujuku-Shima Islands. IEEE Journal of Oceanic Engineering, 2020, 45, 1386-1395.	2.1	10
899	Satellite estimates of euphotic zone and Secchi disk depths in a colored dissolved organic matter-dominated inland water. Ecological Indicators, 2020, 110, 105848.	2.6	20
900	A Communication Method between High-speed UUV and Distributed Intelligent Nodes. Mobile Networks and Applications, 2020, 25, 1528-1536.	2.2	3
901	Noise detection and image denoising based on fractional calculus. Chaos, Solitons and Fractals, 2020, 131, 109463.	2.5	43
902	Damage detection techniques for wind turbine blades: A review. Mechanical Systems and Signal Processing, 2020, 141, 106445.	4.4	198
903	CMOS Implementation of Time Delay Integration (TDI) for Imaging Applications: A Brief Review. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2020, 37, 565-578.	2.1	6
904	Thermal Quantitative Analysis and Design Method of Bistable Permanent Magnet Actuators Based on Multiphysics Methodology. IEEE Transactions on Industrial Electronics, 2020, 67, 7727-7735.	5.2	23
905	Optimization of Refractive Index Sensitivity in Nanofilm-Coated Long-Period Fiber Gratings Near the Dispersion Turning Point. Journal of Lightwave Technology, 2020, 38, 889-897.	2.7	22
906	Learning Deep Representations for Video-Based Intake Gesture Detection. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1727-1737.	3.9	30
907	Analysis of the Mathematical Model of Open Coaxial Measuring Microwave Converters. Mobile Networks and Applications, 2020, 25, 1582-1586.	2.2	0
908	Compressible and Electrically Conducting Fibers for Large Area Sensing of Pressures. Advanced Functional Materials, 2020, 30, 1904274.	7.8	30
909	An availability predictive trust factor based semi-Markov mechanism for effective cluster head selection in wireless sensor networks. International Journal of Communication Systems, 2020, 33, e4298.	1.6	5
910	Multi-Sensor Data Fusion Based on Improved Analytic Hierarchy Process. IEEE Access, 2020, 8, 9875-9895.	2.6	15
911	A Node Location Algorithm Based on Node Movement Prediction in Underwater Acoustic Sensor Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3166-3178.	3.9	76
912	Omnidirectional Motion Classification With Monostatic Radar System Using Micro-Doppler Signatures. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3574-3587.	2.7	60
913	Integration of positioning and activity context information for lifelog in urban city area. Navigation, Journal of the Institute of Navigation, 2020, 67, 163-179.	1.7	8

#	ARTICLE	IF	CITATIONS
914	Advancements in SPR biosensing technology: An overview of recent trends in smart layers design, multiplexing concepts, continuous monitoring and in vivo sensing. <i>Analytica Chimica Acta</i> , 2020, 1104, 10-27.	2.6	83
915	Metal-Based Nanostructures/PLGA Nanocomposites: Antimicrobial Activity, Cytotoxicity, and Their Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3279-3300.	4.0	121
916	A Survey on Fusion-Based Indoor Positioning. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 566-594.	24.8	149
917	Deep Reinforcement Learning for Cooperative Content Caching in Vehicular Edge Computing and Networks. <i>IEEE Internet of Things Journal</i> , 2020, 7, 247-257.	5.5	207
918	Radar Signal Recognition Based on Transfer Learning and Feature Fusion. <i>Mobile Networks and Applications</i> , 2020, 25, 1563-1571.	2.2	19
919	Molecular materials for gas sensors and sensor arrays. , 2020, , 37-54.		2
920	Analysis of red wines using an electronic tongue and infrared spectroscopy. Correlations with phenolic content and color parameters. <i>LWT - Food Science and Technology</i> , 2020, 118, 108785.	2.5	37
921	Waterline and obstacle detection in images from low-cost autonomous boats for environmental monitoring. <i>Robotics and Autonomous Systems</i> , 2020, 124, 103346.	3.0	40
922	Modeling wireless interference in presence of dependent interferers. <i>Internet Technology Letters</i> , 2020, 3, e138.	1.4	0
923	Fast pressure-sensitive paint for understanding complex flows: from regular to harsh environments. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	67
924	Deep learning approach on channel selection strategy for minimizing co-channel interference in unlicensed channels. <i>Microelectronics Reliability</i> , 2020, 105, 113558.	0.9	3
925	Pedestrian detection using a moving camera: A novel framework for foreground detection. <i>Cognitive Systems Research</i> , 2020, 60, 77-96.	1.9	29
926	QoE Management of Multimedia Streaming Services in Future Networks: A Tutorial and Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2020, 22, 526-565.	24.8	125
927	Predicting the security threats on the spreading of rumor, false information of Facebook content based on the principle of sociology. <i>Computer Communications</i> , 2020, 150, 455-462.	3.1	18
928	A Hybrid Control Strategy of 7000 m-Human Occupied Vehicle Tracking Control. <i>IEEE Transactions on Intelligent Vehicles</i> , 2020, 5, 251-264.	9.4	10
929	Smart watch evaluation with integrated hesitant fuzzy linguistic SAW-ARAS technique. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 153, 107353.	2.5	38
930	On suppression of chaotic motion of a nonlinear MEMS oscillator. <i>Nonlinear Dynamics</i> , 2020, 99, 537-557.	2.7	12
931	Deep Reinforcement Learning (DRL): Another Perspective for Unsupervised Wireless Localization. <i>IEEE Internet of Things Journal</i> , 2020, 7, 6279-6287.	5.5	68

#	ARTICLE	IF	CITATIONS
932	Bitcoin, Blockchain and Fintech: a systematic review and case studies in the supply chain. <i>Production Planning and Control</i> , 2020, 31, 115-142.	5.8	208
933	Hybrid wideband dual-cylindrical circularly polarized dielectric resonator antennas excited with S-shaped microstrip feed for sub-6 GHz frequency range. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020, 30, e22054.	0.8	1
934	Machine vision-based automatic disease symptom detection of onion downy mildew. <i>Computers and Electronics in Agriculture</i> , 2020, 168, 105099.	3.7	43
935	Efficient clustering V2V routing based on PSO in VANETs. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 152, 107306.	2.5	57
936	Low-Cost Interrogation of Long-Distance and Multipoint FBG Sensor Using Incoherent-FMCW Optical Ranging System. <i>IEEE Sensors Journal</i> , 2020, 20, 3599-3607.	2.4	8
937	A Novel Underwater Simultaneous Localization and Mapping Online Algorithm Based on Neural Network. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 5.	1.4	10
938	Throughput-Oriented Non-Orthogonal Random Access Scheme for Massive MTC Networks. <i>IEEE Transactions on Communications</i> , 2020, 68, 1777-1793.	4.9	25
939	A Method for Real-Time Decimeter Solutions Over Long Baseline With BDS Triple-Frequency Signals. <i>IEEE Sensors Journal</i> , 2020, 20, 3151-3161.	2.4	0
940	Injection of a Fluorescent Microsensor into a Specific Cell by Laser Manipulation and Heating with Multiple Wavelengths of Light. , 2020, , .		0
941	Cure monitoring and structural health monitoring of composites using micro-braided distributed optical fibre. <i>Composite Structures</i> , 2020, 254, 112861.	3.1	33
942	A New Evidential Reasoning Rule-Based Safety Assessment Method With Sensor Reliability for Complex Systems. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 4027-4038.	6.2	33
943	An MCM-Enhanced Compressive Sensing for Weak Fault Feature Extraction of Rolling Element Bearings under Variable Speeds. <i>Shock and Vibration</i> , 2020, 2020, 1-21.	0.3	2
944	Dynamic Compensation Framework to Improve the Autonomy of Industrial Robots. , 2020, , .		0
945	Understanding end-users' perspectives: Towards developing usability guidelines for disaster apps. <i>Progress in Disaster Science</i> , 2020, 7, 100118.	1.4	19
946	BDS multi-frequency PPP ambiguity resolution with new B2a/B2b/B2a+ signals and legacy B1I/B3I signals. <i>Journal of Geodesy</i> , 2020, 94, 1.	1.6	39
947	Tool wear condition monitoring based on a two-layer angle kernel extreme learning machine using sound sensor for milling process. <i>Journal of Intelligent Manufacturing</i> , 2022, 33, 247-258.	4.4	51
948	Application of Artificial Intelligence to an Electrical Rewinding Factory Shop. <i>Procedia CIRP</i> , 2020, 91, 735-740.	1.0	3
949	Design and implementation of low power bio signal sensors for wireless body sensing network applications. <i>Microprocessors and Microsystems</i> , 2020, 79, 103271.	1.8	29

#	ARTICLE	IF	CITATIONS
950	Online ice-coating monitoring research on overhead transmission lines with Brillouin optical time domain reflectometry. <i>Optical Fiber Technology</i> , 2020, 60, 102339.	1.4	13
951	â€œGOLDARHESâ€As a Digitalization Blood Type Test Device Based on Light Sensors. <i>Journal of Physics: Conference Series</i> , 2020, 1594, 012026.	0.3	0
952	A Novel Precise GNSS Tracking Method Without Solving the Ambiguity Problem. <i>IEEE Access</i> , 2020, 8, 118005-118016.	2.6	3
953	Bladder Volume Monitoring Using Electrical Impedance Tomography With Simultaneous Multi-Tone Tissue Stimulation and DFT-Based Impedance Calculation Inside an FPGA. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2020, 14, 775-786.	2.7	30
954	Reduced graphene oxide supported 2D-NiO nanosheets modified electrode for urea detection. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 3073-3081.	1.2	17
955	A recurrent neural network for variable admittance control in humanâ€“robot cooperation: simultaneously and online adjustment of the virtual damping and Inertia parameters. <i>International Journal of Intelligent Robotics and Applications</i> , 2020, 4, 441-464.	1.6	16
956	Image classification using higher-order statistics-based ICA for NOAA multispectral satellite image. <i>International Journal of Advanced Intelligence Paradigms</i> , 2020, 17, 178.	0.2	0
957	Assessing the performance of different TCP congestion mechanisms in underwater wireless sensor networks. <i>International Journal of Vehicle Information and Communication Systems</i> , 2020, 5, 119.	0.1	1
958	Co-occurrence patterns based fruit quality detection for hierarchical fruit image annotation. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 4592-4606.	2.7	2
959	Spectrum of ABO and Rh blood group in Nepali medical students. <i>Journal of Chitwan Medical College</i> , 2020, 10, 63-66.	0.0	0
960	Leaky Lamb Wave Radiation from a Waveguide Plate with Finite Width. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8104.	1.3	2
961	Radio Resource Management with Reduced Co-Channel Interference in WLAN. , 2020, , .		0
962	Electrochemical Detection of Multianalyte Biomarkers in Wound Healing Efficacy. <i>ACS Sensors</i> , 2020, 5, 3547-3557.	4.0	40
963	Copper Metalâ€“Organic Framework Surface Catalysis: Catalyst Poisoning, IR Spectroscopic, and Kinetic Evidence Addressing the Nature and Number of the Catalytically Active Sites En Route to Improved Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39043-39055.	4.0	17
964	Evaluation of human standing balance using wearable inertial sensors: A machine learning approach. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 94, 103812.	4.3	23
965	An Underwater Layered Protocol Based on Cooperative Communication for Underwater Sensor Network. , 2020, , .		4
966	A new multikernel relevance vector machine based on the HPSOGWO algorithm for predicting and controlling blast-induced ground vibration. <i>Engineering With Computers</i> , 2022, 38, 1905-1920.	3.5	30
967	Multi-Objective Decision Support System for Intelligent Road Signaling. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
968	Social media analytics in the construction industry comparison study between China and the United States. <i>Engineering, Construction and Architectural Management</i> , 2020, 27, 1877-1889.	1.8	13
969	Analytical evaluation of geometric dilution of precision for three-dimensional angle-of-arrival target localization in wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2020, 16, 155014772092047.	1.3	7
970	3-D RSS-AOA Based Target Localization Method in Wireless Sensor Networks Using Convex Relaxation. <i>IEEE Access</i> , 2020, 8, 106901-106909.	2.6	15
971	3D-Printable and Enzymatically Active Composite Materials Based on Hydrogel-Filled High Internal Phase Emulsions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 713.	2.0	22
972	Proof-of-Concept Millimeter-Wave Free-Space Nondestructive Testing Implemented on Collaborative Mobile Robots. , 2020, , .		2
973	Fiber ring laser cavity for strain sensing via beat frequency demodulation. <i>Optics Communications</i> , 2020, 476, 126326.	1.0	8
974	Free-Carbon Surface for PtCu Nanoparticles: An <i>In Situ</i> Near Ambient Pressure X-ray Photoelectron Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19046-19056.	1.5	1
975	Visual Sensor Fusion With Error Compensation Strategy Toward a Rapid and Low-Cost 3D Scanning System for the Lower Residual Limb. <i>IEEE Sensors Journal</i> , 2020, 20, 15043-15052.	2.4	3
976	Energy-Efficient Cooperative Spectrum Sensing Scheme Based on Spatial Correlation for Cognitive Internet of Things. <i>IEEE Access</i> , 2020, 8, 139501-139511.	2.6	14
977	A simple, lightweight, and precise algorithm to defend against replica node attacks in mobile wireless networks using neighboring information. <i>Ad Hoc Networks</i> , 2020, 100, 102081.	3.4	6
978	Transmissionâ€Reflection Analysis in high scattering optical fibers: A comparison with single-mode optical fiber. <i>Optical Fiber Technology</i> , 2020, 58, 102303.	1.4	30
979	A Hybrid Approach Using Multistage Collaborative Calibration for Wireless Sensor Network Localization in 3D Environments. <i>IEEE Access</i> , 2020, 8, 130205-130223.	2.6	7
980	Electrochemical sensing of ciprofloxacin and paracetamol in environmental water using titanium sol based sensor. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114574.	1.9	52
981	Conceptual design approach of wideband fractal dielectric resonator antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2020, 14, 1377-1383.	0.7	2
982	Control of a Twin Rotor MIMO System using a TS Fuzzy TITO PD Controller. , 2020, , .		0
983	Modeling of Inertial Rate Sensor Errors Using Autoregressive and Moving Average (ARMA) Models. , 0, , .		3
984	Comprehensive Heading Error Processing Technique Using Image Denoising and Tilt-Induced Error Compensation for Polarization Compass. <i>IEEE Access</i> , 2020, 8, 187222-187231.	2.6	9
985	A Review and Analysis of Automatic Optical Inspection and Quality Monitoring Methods in Electronics Industry. <i>IEEE Access</i> , 2020, 8, 183192-183271.	2.6	81

#	ARTICLE	IF	CITATIONS
986	Ions Motion Optimization-Based Clustering Routing Protocol for Cognitive Radio Sensor Network. IEEE Access, 2020, 8, 187766-187782.	2.6	10
987	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
988	Opportunities and Challenges of High-Energy Lithium Metal Batteries for Electric Vehicle Applications. ACS Energy Letters, 2020, 5, 3140-3151.	8.8	196
989	Development of an UWB based Indoor Positioning System. , 2020, , .		2
990	Reliability Evaluation Using a Clustering Technique Based on Tie-set Method. , 2020, , .		1
991	Trajectory tracking algorithm in a hierarchical strategy for electric vehicle driven by four independent in-wheel motors. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'uan, 2020, 43, 807-818.	0.6	8
992	High capacity data rate system: Review of visible light communications technology. Journal of Electronic Science and Technology, 2020, 18, 100055.	2.0	29
993	Combine Clustering With Game to Resist Selective Forwarding in Wireless Sensor Networks. IEEE Access, 2020, 8, 138382-138395.	2.6	15
994	Deep Learning for Intake Gesture Detection From Wrist-Worn Inertial Sensors: The Effects of Data Preprocessing, Sensor Modalities, and Sensor Positions. IEEE Access, 2020, 8, 164936-164949.	2.6	13
995	Minimum BER Criterion and Adaptive Moment Estimation Based Enhanced ICA for Wireless Communications. IEEE Access, 2020, 8, 152071-152080.	2.6	6
996	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
997	An Improved Relative GNSS Tracking Method Utilizing Single Frequency Receivers. Sensors, 2020, 20, 4073.	2.1	5
998	Development of universal wireless sensor node for tool condition monitoring in milling. International Journal of Advanced Manufacturing Technology, 2020, 110, 1015-1025.	1.5	10
999	A Nonlinear Hanning-Windowed Chirplet Model for Ultrasonic Guided Waves Signal Parameter Representation. Journal of Nondestructive Evaluation, 2020, 39, 1.	1.1	4
1000	An efficient coral survey method based on a large-scale 3-D structure model obtained by Speedy Sea Scanner and U-Net segmentation. Scientific Reports, 2020, 10, 12416.	1.6	11
1001	Correlations of Gait Phase Kinematics and Cortical EEG: Modelling Human Gait with Data from Sensors. , 0, , .		3
1002	Vision-based human activity recognition: a survey. Multimedia Tools and Applications, 2020, 79, 30509-30555.	2.6	220
1003	A critical review of modelling methods for flexible and rigid link manipulators. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	0.8	28

#	ARTICLE	IF	CITATIONS
1004	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
1005	Nonvisual aspects of spatial knowledge: Wayfinding behavior of blind persons in Lisbon. PsyCh Journal, 2020, 9, 769-790.	0.5	3
1006	User Interface Design Of Learning Applications For Balinese Traditional Dance using Goal-Directed. , 2020, , .		1
1007	IoV-SMAP: Secure and Efficient Message Authentication Protocol for IoV in Smart City Environment. IEEE Access, 2020, 8, 167875-167886.	2.6	53
1008	Measurement and zonation of soil surface moisture in arid and semi-arid regions using Landsat 8 images. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	5
1009	Improving Retinal Vessels Segmentation via Deep Learning in Salient Region. SN Computer Science, 2020, 1, 1.	2.3	2
1010	Uncertainty Estimation of Measuring Circuit During Cutting Forces Measurement Using the Piezoelectric Dynamometer. , 2020, , .		0
1011	A UWB 3D Localization Algorithm Based on Residual Weighting. , 2020, , .		4
1012	Efficient Removal of Pb(II) from Aqueous Solution using Zinc Oxide/Graphene Oxide Composite. IOP Conference Series: Materials Science and Engineering, 2020, 736, 052002.	0.3	7
1013	Performance evaluation of CCOs for the optimization of low-power pressure-based implantable wireless systems. Microprocessors and Microsystems, 2020, 79, 103273.	1.8	2
1014	Wearable light data logger for studying physiological and psychological effects of light data. HardwareX, 2020, 8, e00157.	1.1	7
1016	Comparison of support vector regression and random forest algorithms for estimating the SOFC output voltage by considering hydrogen flow rates. International Journal of Hydrogen Energy, 2020, 45, 35023-35038.	3.8	40
1017	Optimal Sequential Estimation for Asynchronous Sampling Discrete-Time Systems. IEEE Transactions on Signal Processing, 2020, 68, 6117-6127.	3.2	9
1018	Classification of Chronic Obstructive Pulmonary Disease (COPD) Using Electromyography. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	0.8	2
1019	Robot Tracking in SLAM with Masreliez-Martin Unscented Kalman Filter. International Journal of Control, Automation and Systems, 2020, 18, 2315-2325.	1.6	15
1020	A deep learning approach for detecting tic disorder using wireless channel information. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3964.	2.6	8
1021	Simulation of the Electrostatic Distribution in the Proximity Focusing Structure of an EBCMOS. IEEE Photonics Journal, 2020, 12, 1-10.	1.0	2
1022	Fuzzy-based Clustering Scheme with Sink Selection Algorithm for Monitoring Applications of Wireless Sensor Networks. Arabian Journal for Science and Engineering, 2020, 45, 6601-6623.	1.7	8

#	ARTICLE	IF	CITATIONS
1023	Validity and reliability of wearable inertial sensors in healthy adult walking: a systematic review and meta-analysis. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 62.	2.4	125
1024	BeiDou Side-lobe Signal Performance Analysis and its Potential Applications for High Orbital Missions. , 2020, , .		0
1025	Stereo vision based obstacle collision avoidance for a quadrotor using ellipsoidal bounding box and hierarchical clustering. <i>Aerospace Science and Technology</i> , 2020, 103, 105882.	2.5	28
1026	Study of optical tag profile of the tag recognition measurement system in cultural heritage. <i>Journal of Cultural Heritage</i> , 2020, 45, 240-248.	1.5	3
1027	Influence of electrode configuration on impact damage evaluation of self-sensing hierarchical composites. <i>Journal of Intelligent Material Systems and Structures</i> , 2020, 31, 1416-1429.	1.4	3
1028	Additively manufactured electromagnetic based planar pressure sensor using substrate integrated waveguide technology. <i>Additive Manufacturing</i> , 2020, 34, 101225.	1.7	6
1029	Autocorrelation Aided Random Forest Classifier-Based Bearing Fault Detection Framework. <i>IEEE Sensors Journal</i> , 2020, 20, 10792-10800.	2.4	92
1030	Enhancement of RSSI-Based Localization Using an Extended Weighted Centroid Method With Virtual Reference Node Information. <i>Journal of Electrical Engineering and Technology</i> , 2020, 15, 1879-1897.	1.2	8
1031	Hardware-in-the-loop real-time validation of micro-satellite attitude control. <i>Computers and Electrical Engineering</i> , 2020, 85, 106679.	3.0	9
1032	Soil Support Characterization in Slab-on-Grade Constructions with Fiber-Optic Distributed Strain Sensing. , 2020, , .		1
1034	Tool Wear Condition Monitoring in Milling Process Based on Current Sensors. <i>IEEE Access</i> , 2020, 8, 95491-95502.	2.6	53
1035	LTE and LoRa in the 2.4 GHz Band: Adjacent Channel Interference Issues. , 2020, , .		8
1036	Seismic performance of large rupture strain FRP retrofitted RC columns with corroded steel reinforcement. <i>Engineering Structures</i> , 2020, 216, 110744.	2.6	60
1037	Location-based data delivery between vehicles and infrastructure. <i>IET Intelligent Transport Systems</i> , 2020, 14, 288-296.	1.7	5
1038	Micron Thick Colloidal Quantum Dot Solids. <i>Nano Letters</i> , 2020, 20, 5284-5291.	4.5	47
1039	Intelligent manufacturing in industry 4.0: A case study of Sany heavy industry. <i>Systems Research and Behavioral Science</i> , 2020, 37, 679-690.	0.9	30
1040	Surface Density of the Spongy and Palisade Parenchyma Layers of Leaves Extracted From Wideband Ultrasonic Resonance Spectra. <i>Frontiers in Plant Science</i> , 2020, 11, 695.	1.7	7
1041	A Novel Action Recognition Framework Based on Deep-Learning and Genetic Algorithms. <i>IEEE Access</i> , 2020, 8, 100631-100644.	2.6	25

#	ARTICLE	IF	CITATIONS
1042	Impact analysis of MPL and PEM thickness on temperature distribution within PEFC operating at relatively higher temperature. <i>Energy</i> , 2020, 205, 117875.	4.5	12
1043	Methodology and accuracy for non-invasive detection of switching transient overvoltages from compensation coils connected to power transformers. <i>IET Science, Measurement and Technology</i> , 2020, 14, 173-181.	0.9	0
1044	Robust Localization Based on ML-Type, Multi-Stage ML-Type, and Extrapolated Single Propagation UKF Methods Under Mixed LOS/NLOS Conditions. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 5819-5832.	6.1	9
1045	Developments in the integration and application of terahertz spectroscopy with microfluidics. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112393.	5.3	26
1046	Decoupling Algorithm and Maximum Operation Frequency of a Novel Parallel Type Six-Axis Accelerometer. <i>IEEE Sensors Journal</i> , 2020, 20, 12637-12651.	2.4	8
1047	Robust Tdoa Indoor Tracking Using Constrained Measurement Filtering and Grid-Based Filtering. , 2020, , .		2
1048	Amplitude-Phase-Based Interval Analysis Method for Radomes With Thickness Errors and Its Robust-Design Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1103-1107.	2.4	5
1049	Probabilistic Interval Analysis for the Analytic Prediction of the Pattern Tolerance Distribution in Linear Phased Arrays With Random Excitation Errors. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 7866-7878.	3.1	17
1050	Role of Phosphate-Accumulating Bacteria in Biological Phosphorus Removal from Wastewater. <i>Applied Biochemistry and Microbiology</i> , 2020, 56, 1-14.	0.3	46
1051	Development of an Intelligent Power Module Inserter. <i>IEEJ Journal of Industry Applications</i> , 2020, 9, 140-148.	0.9	2
1052	A Cole-Cole Dielectric Relaxation Analysis of Albumin and Î³-Globulins for Protein Quantification by Electrical Impedance Spectroscopy. <i>Electroanalysis</i> , 2020, 32, 1121-1129.	1.5	9
1053	Waste Management System Using IoT-Based Machine Learning in University. <i>Wireless Communications and Mobile Computing</i> , 2020, 2020, 1-13.	0.8	52
1054	Beyond Smart and Connected Governments. <i>Public Administration and Information Technology</i> , 2020, , .	0.6	2
1055	Information Technology for Management: Current Research and Future Directions. <i>Lecture Notes in Business Information Processing</i> , 2020, , .	0.8	5
1056	Convolutional neural networks in predicting cotton yield from images of commercial fields. <i>Computers and Electronics in Agriculture</i> , 2020, 171, 105307.	3.7	36
1057	Exceptional Electromagnetic Shielding Properties of Lightweight and Porous Multifunctional Layers. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1138-1144.	2.0	7
1058	Interpol review of fire investigation 2016-2019. <i>Forensic Science International (Online)</i> , 2020, 2, 368-381.	0.6	9
1059	An Improved Artificial Neural Network Design for Face Recognition utilizing Harmony Search Algorithm. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 745, 012038.	0.3	2

#	ARTICLE	IF	CITATIONS
1061	Surgical robotic arm control for tissue ablation. <i>Journal of Robotic Surgery</i> , 2020, 14, 881-887.	1.0	2
1062	Performance analysis of LoRa in the 2.4GHz ISM band: coexistence issues with Wi-Fi. <i>Telecommunication Systems</i> , 2020, 74, 299-309.	1.6	28
1063	Quantifying total suspended matter (TSM) in waters using Landsat images during 1984–2018 across the Songnen Plain, Northeast China. <i>Journal of Environmental Management</i> , 2020, 262, 110334.	3.8	35
1064	The Dynamics of Transpiration to Evapotranspiration Ratio under Wet and Dry Canopy Conditions in a Humid Boreal Forest. <i>Forests</i> , 2020, 11, 237.	0.9	21
1065	Compact bidirectional circularly polarized dedicated short range communication antenna for on-board unit vehicle-to-everything applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020, 30, e22174.	0.8	2
1066	Pseudo-random number generation using LSTMs. <i>Journal of Supercomputing</i> , 2020, 76, 8324-8342.	2.4	5
1067	In-situ production of Histamine-imprinted polymeric materials for electrochemical monitoring of fish. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127902.	4.0	22
1068	Principles and recent advances in electronic nose for quality inspection of agricultural and food products. <i>Trends in Food Science and Technology</i> , 2020, 99, 1-10.	7.8	160
1069	Continuous health monitoring of sportsperson using IoT devices based wearable technology. <i>Computer Communications</i> , 2020, 160, 588-595.	3.1	85
1070	Dual-Band Microstrip Resonant Sensor for Dielectric Measurement of Liquid Materials. <i>IEEE Sensors Journal</i> , 2020, 20, 13371-13378.	2.4	32
1071	Understanding citizens' communication channel preferences during natural disasters: A synchronicity-based, mixed-methods exploration using survey and geospatial analysis. <i>International Journal of Disaster Risk Reduction</i> , 2020, 47, 101646.	1.8	7
1072	A facile electrochemical synthesis of graphene from battery waste for sensing application. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	4
1073	Rapid microwave-assisted hydrothermal green synthesis of rGO/NiO nanocomposite for glucose detection in diabetes. <i>Synthetic Metals</i> , 2020, 267, 116401.	2.1	24
1074	Classifier Feature Fusion Using Deep Learning Model for Non-Invasive Detection of Oral Cancer from Hyperspectral Image. <i>IETE Journal of Research</i> , 2022, 68, 4031-4042.	1.8	4
1075	Ferrite Magnetic Tile Defects Detection Based on Nonsampled Contourlet Transform and Texture Feature Measurement. <i>Russian Journal of Nondestructive Testing</i> , 2020, 56, 386-395.	0.3	3
1076	A practical robust yaw servo architecture of ROVs by multi-vector propulsion and nonlinear controller. <i>Transactions of the Institute of Measurement and Control</i> , 2020, 42, 2908-2918.	1.1	1
1077	3D mapping from partial observations: An application to utility mapping. <i>Automation in Construction</i> , 2020, 117, 103229.	4.8	1
1078	Materials Selection and Characterization of Fabric Membrane in Tactile Sensing. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
1079	Weak chatter detection in milling based on sparse dictionary. <i>Procedia Manufacturing</i> , 2020, 48, 839-843.	1.9	5
1080	Multiphase Flow Meters Targeting Oil & Gas Industries. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 165, 108111.	2.5	37
1081	Generating and Detecting Solvable Chaos at Radio Frequencies with Consideration to Multi-User Ranging. <i>Sensors</i> , 2020, 20, 774.	2.1	11
1082	Graphene-oxide loading on natural zeolite particles for enhancement of adsorption properties. <i>RSC Advances</i> , 2020, 10, 4589-4597.	1.7	12
1083	An Improved Ambiguity-Free Method for Precise GNSS Positioning with Utilizing Single Frequency Receivers. <i>Sensors</i> , 2020, 20, 856.	2.1	5
1084	Defect photoluminescence and structure properties of undoping (In _x Ga _{1-x}) ₂ O ₃ films and their dependence on sputtering pressure. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153903.	2.8	9
1085	A Lifetime-Enhancing Method for Directional Sensor Networks with a New Hybrid Energy-Consumption Pattern in Q-coverage Scenarios. <i>Energies</i> , 2020, 13, 824.	1.6	3
1086	Thermal stresses applied on helicopter blades useful to retrieve defects by means of infrared thermography and speckle patterns. <i>Thermal Science and Engineering Progress</i> , 2020, 18, 100511.	1.3	3
1087	3D-printed sensors: Current progress and future challenges. <i>Sensors and Actuators A: Physical</i> , 2020, 305, 111916.	2.0	184
1088	Foldable All-Textile Cavity-Backed Slot Antennas for Personal UWB Localization. <i>Radio Science</i> , 2020, 55, e2019RS006990.	0.8	4
1089	A data-driven group-sparse feature extraction method for fault detection of wind turbine transmission system. <i>Measurement Science and Technology</i> , 2020, 31, 074008.	1.4	21
1090	Wearable Inertial Measurement Units for Assessing Gait in Real-World Environments. <i>Frontiers in Physiology</i> , 2020, 11, 90.	1.3	46
1091	Achievable degree-of-freedom for three-level prime arrays. <i>Signal Processing</i> , 2020, 171, 107523.	2.1	4
1092	Distributed Stabilization of Interconnected Linear Multiagent Systems with Adaptive Decoupling under Cooperative Finite Excitation. , 2020, , .		5
1093	Machine learning algorithms applied to a prediction of personal overall thermal comfort using skin temperatures and occupants' heating behavior. <i>Applied Ergonomics</i> , 2020, 85, 103078.	1.7	52
1094	Analysis of Electromagnetic Waves Attenuation for Underwater Localization in Structured Environments. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 575-586.	1.6	10
1095	Switchable Optical Probes for Simultaneous Targeting of Multiple Anions. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1759-1779.	1.7	37
1096	Closed Form Solution for 3D Localization Based on Joint RSS and AOA Measurements for Mobile Communications. <i>IEEE Access</i> , 2020, 8, 12632-12643.	2.6	10

#	ARTICLE	IF	CITATIONS
1097	Influence of cure parameters in polymer matrix composites using embedded optical fibers. Journal of Composite Materials, 2020, 54, 2611-2621.	1.2	4
1098	A Hardware Implementation of Flexible Attitude Determination and Control System for Two-Axis-Stabilized CubeSat. Journal of Electrical Engineering and Technology, 2020, 15, 869-882.	1.2	4
1099	Detection and Localization of People Inside Vehicle Using Impulse Radio Ultra-Wideband Radar Sensor. IEEE Sensors Journal, 2020, 20, 3892-3901.	2.4	28
1100	3HA: Hybrid Hole Healing Algorithm in a Wireless Sensor Networks. Wireless Personal Communications, 2020, 112, 587-605.	1.8	10
1101	Dynamics and frequency and voltage control of downhole oil pumping system. Mechanical Systems and Signal Processing, 2020, 139, 106562.	4.4	16
1102	The relations of leaf area index with the spray quality and efficacy of cotton defoliant spraying using unmanned aerial systems (UASs). Computers and Electronics in Agriculture, 2020, 169, 105228.	3.7	10
1103	Sensor of transdermal biomarkers for blood perfusion monitoring. Sensing and Bio-Sensing Research, 2020, 28, 100328.	2.2	5
1104	Short Term Traffic State Prediction via Hyperparameter Optimization Based Classifiers. Sensors, 2020, 20, 685.	2.1	33
1105	Middle displacement monitoring of mediumâ€”small span bridges based on laser technology. Structural Control and Health Monitoring, 2020, 27, e2509.	1.9	24
1106	An attribution-based pruning method for real-time mango detection with YOLO network. Computers and Electronics in Agriculture, 2020, 169, 105214.	3.7	75
1107	Joint Pedestrian Motion State and Device Pose Classification. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5862-5874.	2.4	6
1108	An improved merging method for Gaussian mixture probability hypothesis density filter. Optik, 2020, 207, 164282.	1.4	2
1109	Development of real-time sketch-based on-the-spot process modeling and analysis system. Journal of Manufacturing Systems, 2020, 54, 215-226.	7.6	7
1110	Toward fast and accurate emergency cases detection in BSNs. IET Wireless Sensor Systems, 2020, 10, 47-60.	1.3	9
1111	Pattern analysis based acoustic signal processing: a survey of the state-of-art. International Journal of Speech Technology, 2021, 24, 913-955.	1.4	11
1112	An enhanced flower pollination algorithmâ€”based chaff point generation method with hardware implementation in WBAN. International Journal of Communication Systems, 2020, 33, e4447.	1.6	3
1113	Surface Plasmon Resonance Nanosensors for Detecting Amoxicillin in Milk Samples with Amoxicillin Imprinted Poly(hydroxyethyl methacrylateâ€”Nâ€”methacryloylâ€”(L)â€”glutamic acid). ChemistrySelect, 2020, 5, 4761-4769.	0.7	15
1114	Improved Artificial Potential Field Method Applied for AUV Path Planning. Mathematical Problems in Engineering, 2020, 2020, 1-21.	0.6	88

#	ARTICLE	IF	CITATIONS
1115	Analysis of Magnetic-Flux Leakage (MFL) Data for Pipeline Corrosion Assessment. IEEE Transactions on Magnetics, 2020, 56, 1-15.	1.2	63
1116	Homography vs similarity transformation in aerial mosaicking: which is the best at different altitudes?. Multimedia Tools and Applications, 2020, 79, 18387-18404.	2.6	5
1117	An approach for optimal-secure multi-path routing and intrusion detection in MANET. Evolutionary Intelligence, 2022, 15, 1313-1327.	2.3	12
1118	Gated Pipelined Folding ADC-Based Low Power Sensor for Large-Scale Radiometric Partial Discharge Monitoring. IEEE Sensors Journal, 2020, 20, 7826-7836.	2.4	7
1119	Structure and optical properties of the WO3 thin films deposited by the GLAD magnetron sputtering technique. Vacuum, 2020, 177, 109378.	1.6	25
1120	Surface plasma resonance characteristics of cylindrical multilayer metal-coated silicon nanoparticles. Microwave and Optical Technology Letters, 2020, 62, 2806-2812.	0.9	2
1121	Mobility based network lifetime in wireless sensor networks: A review. Computer Networks, 2020, 174, 107236.	3.2	42
1122	Development of in-bore magnetostrictive transducer for ultrasonic guided wave based-inspection of steam generator tubes of PFBR. Ultrasonics, 2020, 106, 106148.	2.1	16
1123	Terahertz electronics: Application of wave propagation and nonlinear processes. Applied Physics Reviews, 2020, 7, .	5.5	32
1124	Proficient QoS-Based Target Coverage Problem in Wireless Sensor Networks. IEEE Access, 2020, 8, 74315-74325.	2.6	36
1125	UWB-Assisted High-Precision Positioning in a UTM Prototype. , 2020, , .		7
1126	A biomass based photonic crystal made of 'konjac tofu', Chinese Chemical Letters, 2021, 32, 587-590.	4.8	10
1127	A Low-Cost Real-Time BCI Integration for Automated Door Opening System. Journal of Circuits, Systems and Computers, 2021, 30, 2150030.	1.0	2
1128	Influence of altitude on tropical marine habitat classification using imagery from fixed-wing, water-landing UAVs. Remote Sensing in Ecology and Conservation, 2021, 7, 50-63.	2.2	8
1129	Determinants and risks of intentions to use mobile applications in museums: an application of fsQCA. Current Issues in Tourism, 2021, 24, 1284-1303.	4.6	21
1131	Cognitive decision engine based on binary particles swarm optimization with non-linear decreasing inertia weight. Concurrency Computation Practice and Experience, 2021, 33, e4975.	1.4	0
1132	Some aggregation operators of neutrosophic Z-numbers and their multicriteria decision making method. Complex & Intelligent Systems, 2021, 7, 429-438.	4.0	22
1133	A Survey of Machine Learning Algorithms Based Forest Fires Prediction and Detection Systems. Fire Technology, 2021, 57, 559-590.	1.5	76

#	ARTICLE	IF	CITATIONS
1134	An optimal clear channel assessment in <scp>IEEE</scp> 802.15.4 medium access control protocol for recurrent data transmission and long acknowledgement wait period. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4167.	2.6	2
1135	A New Method of Real-Time Kinematic Positioning Suitable for Baselines of Different Lengths. Journal of Navigation, 2021, 74, 143-155.	1.0	1
1136	A review of computer vision-based structural health monitoring at local and global levels. Structural Health Monitoring, 2021, 20, 692-743.	4.3	296
1137	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
1138	Porous microtubes of nickel-cobalt double oxides as non-enzymatic hydrogen peroxide sensors. Chinese Chemical Letters, 2021, 32, 1181-1185.	4.8	12
1139	Research on Delamination Damage of YBCO Tape Under DC Impact Based on Hilbert-Huang Transform. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	1
1140	Game-Theoretical Analysis of Mining Strategy for Bitcoin-NG Blockchain Protocol. IEEE Systems Journal, 2021, 15, 2708-2719.	2.9	12
1141	Active Tilting Flutter Suppression of GyroWheel With Composite-Structured Adaptive Compensator. IEEE Transactions on Industrial Electronics, 2021, 68, 6227-6237.	5.2	5
1142	Advances in Robot Kinematics 2020. Springer Proceedings in Advanced Robotics, 2021, , .	0.9	4
1143	Generalized anisotropic Neumann problems of Ambrosetti-Prodi type with nonstandard growth conditions. Journal of Mathematical Analysis and Applications, 2021, 494, 124668.	0.5	3
1144	Identifying the location of odour nuisance emitters using spatial GIS analyses. Chemosphere, 2021, 263, 128252.	4.2	7
1145	Design, modelling and experimental analysis of a piezoelectric wind energy generator for low-power applications. Sensors and Actuators A: Physical, 2021, 317, 112462.	2.0	14
1146	Numerical Simulation of a Ground Anchor Pullout Test Monitored with Fiber Optic Sensors. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 04020163.	1.5	12
1147	Noncontact Physiological Measurement Using a Camera: A Technical Review and Future Directions. ACS Sensors, 2021, 6, 321-334.	4.0	17
1148	A novel mobile agent-based distributed evidential expectation maximization algorithm for uncertain sensor networks. Transactions of the Institute of Measurement and Control, 2021, 43, 1609-1619.	1.1	6
1149	Automation and robotics in the cultivation of pome fruit: Where do we stand today?. Journal of Field Robotics, 2021, 38, 513-531.	3.2	28
1150	The Reliability of IoT Networks With Characteristics of Abnormal Induced Signals. IEEE Transactions on Reliability, 2021, 70, 808-818.	3.5	3
1151	A Graph Theoretic-Based Approach for Deploying Heterogeneous Multi-agent Systems with Application in Precision Agriculture. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 101, 1.	2.0	9

#	ARTICLE	IF	CITATIONS
1152	Maximum correlation coefficient estimation (MCORE): A new estimation philosophy for RSS based target localization. Signal Processing, 2021, 178, 107814.	2.1	1
1153	Assimilate, process and analyse thermal dissipation sap flow data using the TREX package. Methods in Ecology and Evolution, 2021, 12, 342-350.	2.2	17
1154	Magnetic field detection using fiber bundle and magnetic fluid as sensors. Microwave and Optical Technology Letters, 2021, 63, 975-979.	0.9	3
1155	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
1156	Radar Range-Breathing Separation for the Automatic Detection of Humans in Cluttered Environments. IEEE Sensors Journal, 2021, 21, 14043-14050.	2.4	30
1157	Advances in Information Communication Technology and Computing. Lecture Notes in Networks and Systems, 2021, , .	0.5	3
1158	Toward Accurate Intervehicle Positioning Based on GNSS Pseudorange Measurements Under Non-Gaussian Generalized Errors. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	2.4	7
1159	Asynchronous Averaging of Gait Cycles for Classification of Gait and Device Modes. IEEE Sensors Journal, 2021, 21, 529-538.	2.4	4
1160	Robust Mixed H2/H ∞ Control for An Uncertain Wireless Sensor Network Systems with Time Delay and Packet Loss. International Journal of Control, Automation and Systems, 2021, 19, 88-100.	1.6	7
1161	ECE: A Novel Performance Evaluation Metric for Clustering Protocols in Cognitive Radio Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 2078-2079.	5.5	9
1162	Design and test of large-range wave height sensor based on water resistance measurement and fuzzy system. Personal and Ubiquitous Computing, 2021, 25, 457-465.	1.9	1
1164	A Cascaded Deep Convolutional Network for Vehicle Logo Recognition From Frontal and Rear Images of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 758-771.	4.7	12
1166	Developing a low-cost weather monitoring system for data-sparse regions of the Himalayas. Weather, 2021, 76, 60-64.	0.6	5
1167	Design and calibration of a three-dimensional localization system for automatic measurement of long and thin tube based on camera and laser displacement sensor. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 1193-1210.	1.1	0
1168	Effect of geometry on the sensing mechanism of GaN Schottky barrier diode temperature sensor. IEICE Electronics Express, 2021, 18, .	0.3	3
1169	Personalization Models for Human Activity Recognition with Distribution Matching-Based Metrics. Communications in Computer and Information Science, 2021, , 43-56.	0.4	0
1170	The effect of hyperparameter search on artificial neural network in human activity recognition. Open Computer Science, 2021, 11, 411-422.	1.3	4
1171	A Tightly Coupled BDS/INS Integrated Positioning Algorithm Based on Triple-Frequency Single-Epoch Observations. Mathematical Problems in Engineering, 2021, 2021, 1-13.	0.6	0

#	ARTICLE	IF	CITATIONS
1172	Surfactant Assisted Electrochemical Determination of Noscapine and Papaverine by TiO ₂ Nanoparticles/Multi-Walled Carbon Nanotubes Modified Carbon Paste Electrode. Russian Journal of Electrochemistry, 2021, 57, 183-196.	0.3	5
1173	Assembly of fibre bragg grating with optical tweezers for continuous detection and trapping of micro-particles. Optik, 2021, 228, 166215.	1.4	1
1174	A comparative analysis of localization algorithms for visible light communication. Optical and Quantum Electronics, 2021, 53, 1.	1.5	16
1175	2D Direction Finding of Coherent Sources Using Three Parallel Sparse Arrays with Less Computational Complexity. Circuits, Systems, and Signal Processing, 2021, 40, 4576-4593.	1.2	3
1176	Pose estimation of a fast tumbling space noncooperative target using the time-of-flight camera. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 0, , 095441002110002.	0.7	2
1177	Robust Inter-Vehicle Distance Measurement Using Cooperative Vehicle Localization. Sensors, 2021, 21, 2048.	2.1	10
1178	Monitoring of Grouting Compactness in a Post-Tensioning Curve Tendon Duct Using Piezoceramic Transducers. , 2021, , .		0
1179	Estimates of greenhouse gas emission in Turkey with grey wolf optimizer algorithm-optimized artificial neural networks. Neural Computing and Applications, 2021, 33, 13567-13585.	3.2	16
1180	Using Spectral Reflectance to Estimate the Leaf Chlorophyll Content of Maize Inoculated With Arbuscular Mycorrhizal Fungi Under Water Stress. Frontiers in Plant Science, 2021, 12, 646173.	1.7	29
1181	Spatial-temporal variables for swimming coaches: A comparison study between video and TritonWear sensor. International Journal of Sports Science and Coaching, 2021, 16, 1271-1280.	0.7	6
1182	New perspectives of hyperspectral imaging for clinical research. NIR News, 2021, 32, 5-13.	1.6	13
1183	Continuous physical activity recognition for intelligent labour monitoring. Multimedia Tools and Applications, 0, , 1.	2.6	0
1184	Lane-Level Vehicle Counting Based on V2X and Centimeter-level Positioning at Urban Intersections. International Journal of Intelligent Transportation Systems Research, 0, , 1.	0.6	2
1185	Influence of thermal expansion bend and tubesheet geometry on guided wave inspection of steam generator tubes of a fast breeder reactor. Structural Health Monitoring, 2021, 20, 3288-3308.	4.3	2
1186	A review of nanotechnology based highly sensitive iot capable sensing device. AIP Conference Proceedings, 2021, , .	0.3	0
1187	A review on drones controlled in real-time. International Journal of Dynamics and Control, 2021, 9, 1832-1846.	1.5	46
1188	Real-Time Incremental and Geo-Referenced Mosaicking by Small-Scale UAVs. Lecture Notes in Computer Science, 2017, , 694-705.	1.0	15
1189	Research Challenges, Trends and Applications for Multi-Sensory Devices in Future Networked Systems. Wireless Personal Communications, 2017, 95, 43-67.	1.8	2

#	ARTICLE	IF	CITATIONS
1191	WiBorder. , 2020, 4, 1-30.		21
1192	A Proposal of SH-Tree Based Data Synchronization Method for Secure Maritime Cloud. Journal of the Korea Institute of Information Security and Cryptology, 2016, 26, 929-940.	0.1	11
1193	A Study on Metering Data De-identification Method for Smart Grid Privacy Protection. Journal of the Korea Institute of Information Security and Cryptology, 2016, 26, 1593-1603.	0.1	6
1194	Using support vector machines on photoplethysmographic signals to discriminate between hypovolemia and euvoemia. PLoS ONE, 2018, 13, e0195087.	1.1	18
1195	Raspberry Pi implemented with MATLAB simulation and communication of physiological signal-based fast chaff point (RPSC) generation algorithm for WBAN systems. Biomedizinische Technik, 2021, 66, 209-224.	0.9	3
1196	Thermoelectric graphene photodetectors with sub-nanosecond response times at terahertz frequencies. Nanophotonics, 2020, 10, 89-98.	2.9	43
1197	Development of a New Humidity Sensor Based on (Carboxymethyl Celluloseâ€“Starch) Blend with Copper Oxide Nanoparticles. Ukrainian Journal of Physics, 2017, 62, 1044-1049.	0.1	42
1198	A Study of Wireless Body Area Networks and its Routing Protocols for Healthcare Environment. Recent Advances in Electrical and Electronic Engineering, 2020, 13, 136-152.	0.2	7
1199	Using terrestrial photogrammetry for leaf area estimation in maize under different plant growth stages. , 2019, , .		3
1200	Estimaci3n de la temperatura basal del â€œGlaciar Norteâ€•del volc3n Citlalt3petl, M3xico. Modelo para determinar la presencia de permafrost subglaciar. Estudios Geograficos, 2019, 80, 019.	0.4	3
1201	Characterization of High Yield Graphene Oxide Synthesized by Simplified Hummers Method. Graphene, 2017, 06, 85-98.	0.3	19
1202	Drip loss assessment by EZ and bag methods and their relationship with pH value and color in mutton. Archives Animal Breeding, 2020, 63, 277-281.	0.5	5
1203	Dynamic Compensation based on High-speed Vision and its Application to Industrial Robots. Journal of the Robotics Society of Japan, 2017, 35, 591-595.	0.0	2
1204	Safety of Mobile Wireless Sensor Networks Based on Clustering Algorithm. International Journal of Wireless Networks and Broadband Technologies, 2016, 5, 73-102.	1.0	0
1205	Delay/Disruption Tolerant Networking-Based Routing for Rural Internet Connectivity (DRINC). International Journal of Computers, Communications and Control, 2016, 12, 131.	1.2	1
1206	Geocasting-Based Almanac Synchronization Method for Secure Maritime Cloud. Lecture Notes in Computer Science, 2017, , 376-387.	1.0	0
1207	Image Sensors Meet LEDs. IEICE Transactions on Communications, 2017, E100.B, 917-925.	0.4	17
1208	æ-ã@æCEñjã,Šã'çŠ¶æ...æœçÿæ%œæ3ã,é©ç''ã-ãŸã±é™9è.é¢ã»žéã,ã,ãf†ãf. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
1209	Design Issues of Wireless Sensor Network and Open Research Challenges. EAI Endorsed Transactions on Energy Web, 0, , 166549.	0.3	0
1210	A distributed smart camera apparatus to enable scene immersion. , 2019, , .		1
1211	Forecast Solar Energy Using Artificial Neural Networks. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 500-507.	0.5	0
1212	A Survey on Network Coverage, Data Redundancy, and Energy Optimization in Wireless Sensor Network. Algorithms for Intelligent Systems, 2020, , 215-224.	0.5	1
1213	Development of handheld electronic reader based potentiostat for electrochemical analysis. AIP Conference Proceedings, 2020, , .	0.3	1
1214	Tool Condition Prediction Using Acoustic Signal Processing and Learning-Based Methods. Lecture Notes in Mechanical Engineering, 2021, , 535-541.	0.3	1
1215	Selective carbonaceous-based (nano)composite sensors for electrochemical determination of paraquat in food samples. Food Chemistry, 2022, 373, 131521.	4.2	20
1218	Microstrip coupled high sensitivity sensor for water ethanol mixture characterization. Frequenz, 2021, 75, 1-7.	0.6	3
1219	The effect of attentional focusing strategies on EMG-based classification. Biomedizinische Technik, 2021, 66, 153-158.	0.9	4
1220	Connected Vehicles: Technology Review, State of the Art, Challenges and Opportunities. Sensors, 2021, 21, 7712.	2.1	30
1221	A calibration tool for weld penetration depth estimation based on dimensional and thermal sensor fusion. International Journal of Advanced Manufacturing Technology, 0, , 1.	1.5	1
1222	Research on differential Positioning technology of mobile Robot based on UWB. , 2021, , .		1
1223	High sensitivity dual core photonic crystal fiber sensor for simultaneous detection of two samples. Chinese Physics B, 2022, 31, 084208.	0.7	3
1224	A Cooperative Positioning Method of Connected and Automated Vehicles with Direction-of-Arrival and Relative Distance Fusion. Mathematical Problems in Engineering, 2022, 2022, 1-11.	0.6	0
1225	Soil Moisture Assessment Using Soil Moisture Index (SMI) Method at the Bangelan Coffee Plantation, Malang Regency, East Java. Jurnal Tanah Dan Sumberdaya Lahan, 2022, 9, 1-12.	0.1	0
1226	Improving GNSS/INS Tightly Coupled Positioning by Using BDS-3 Four-Frequency Observations in Urban Environments. Remote Sensing, 2022, 14, 615.	1.8	4
1229	Electronic noses based on metal oxide nanowires: A review. Nanotechnology Reviews, 2022, 11, 897-925.	2.6	21
1230	Development of low-cost real-time photoacoustic microscopy using diode laser and condenser microphone. AIP Conference Proceedings, 2022, , .	0.3	2

#	ARTICLE	IF	CITATIONS
1231	A fluorescence nanoplatform for the determination of hydrogen peroxide and adenosine triphosphate via tuning of the peroxidase-like activity of CuO nanoparticle decorated UiO-66. <i>Mikrochimica Acta</i> , 2022, 189, 119.	2.5	5
1232	Optical modulator using ultra-thin silicon waveguide in SOI hybrid technology. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	1.5	1
1233	Sea-sky line detection in the infrared image based on the vertical grayscale distribution feature. <i>Visual Computer</i> , 2023, 39, 1915-1927.	2.5	4
1234	A novel smartphone-based activity recognition modeling method for tracked equipment in forest operations. <i>PLoS ONE</i> , 2022, 17, e0266568.	1.1	3
1235	Underwater video transmission with video enhancement using reduce hazing algorithm. <i>Journal of Optical Communications</i> , 2020, .	4.0	0
1239	ANALISIS PEMBEBANAN TERHADAP PANJANG GELOMBANG CAHAYA BERBASIS SENSOR FIBER BRAGG GRATING (FBG)., 2022, 7, 116-122.		0
1240	Orientation aware weapons detection in visual data: a benchmark dataset. <i>Computing (Vienna/New Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	3.2	0
1241	Ultra-high figure of merit refractive index sensor based on concentric ring and disk resonator. <i>Journal of Optics (India)</i> , 2023, 52, 120-127.	0.8	0
1242	ĐĐ¾Đ·ŃĐĐ¾Đ±Đ°Đ° Đ°Đ²Ń,Đ¾Đ¼Đ¼Đ°Ń,Đ,Đ-Đ¾Đ²Đ°Đ¼Đ¾Ń— ŃĐ,ŃŃ,ĐµĐ¼Đ, ŃĐĐ¾Đ-Đ;Ń-Đ-Đ½Đ°Đ²Đ°Đ¼Đ½Đ¾Đ¾Đ°Đ		
1243	Evaluation of Pipe Cracks Based on Cloud Contour of Three-Dimensional Induced Eddy Current Field. <i>Applied Computational Electromagnetics Society Journal</i> , 0, , .	0.4	1
1244	Tracking Li-Ion Batteries Using Fiber Optic Sensors. , 0, , .		2
1245	A comprehensive survey on human pose estimation approaches. <i>Multimedia Systems</i> , 2023, 29, 167-195.	3.0	8
1246	Seed: secure and energy efficient data-collection method for IoT network. <i>Multimedia Tools and Applications</i> , 2023, 82, 3139-3153.	2.6	4
1247	Survey of Supervised Machine Learning Techniques in Wireless Sensor Network. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 201-214.	0.3	0
1248	Beam Forming Impact on the Next Generation Wi-Fi IEEE802.11ay in mm Wave Frequency Band. <i>Lecture Notes in Electrical Engineering</i> , 2023, , 115-123.	0.3	0
1249	Scope of Machine Learning in Mobile Wireless Sensor Networks. <i>Lecture Notes in Networks and Systems</i> , 2023, , 533-543.	0.5	0
1250	Energy-Efficient Underwater Data Collection: A Q-Learning Based Approach. <i>Journal of Marine Science and Application</i> , 2022, 21, 204-218.	0.7	2
1251	Role of Profile Parameters on the Sensitivity of Cantilever Sensor: A Numerical Analysis. <i>Lecture Notes in Mechanical Engineering</i> , 2023, , 643-651.	0.3	0

#	ARTICLE	IF	CITATIONS
1252	Short-distance and long-distance bridge displacement measurement based on template matching and feature detection methods. <i>Journal of Civil Structural Health Monitoring</i> , 2023, 13, 343-360.	2.0	6
1253	A Review of Collaborative Air-Ground Robots Research. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2022, 106, .	2.0	6
1254	Detection of road traffic anomalies based on computational data science. <i>Discover Internet of Things</i> , 2022, 2, .	3.3	1
1255	Loop-Mediated Isothermal Amplification-Based Microfluidic Platforms for the Detection of Viral Infections. <i>Current Infectious Disease Reports</i> , 2022, 24, 205-215.	1.3	4
1256	Smart Farming: Applications of IoT in Agriculture. , 2022, , 1655-1687.		0
1257	A novel context inconsistency elimination algorithm based on the optimized Dempster-Shafer evidence theory for context-awareness systems. <i>Applied Intelligence</i> , 2023, 53, 15261-15277.	3.3	1
1258	Potential of satellite-derived hydro-meteorological information for landslide initiation thresholds in Rwanda. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 3641-3661.	1.5	7
1259	Qualitative and quantitative monitoring of drinking water through the use of a smart electronic tongue. <i>Drinking Water Engineering and Science</i> , 2022, 15, 25-34.	0.8	0
1260	Evaluation of Radio Frequency Identification in Hospitals Operations. <i>Springer Proceedings in Mathematics and Statistics</i> , 2022, , 141-153.	0.1	0
1261	A Universal Lightweight Privacy-Preserving Multifunctional Data Handling Scheme. <i>Communications in Computer and Information Science</i> , 2022, , 261-274.	0.4	0
1262	Nonlinear Kalman Filter Based Shop Floor RFID Data Fusion Algorithm. , 2022, , .		0
1263	A multi-scale feature extraction fusion model for human activity recognition. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
1264	Electrochemical Detection of Cancer Fingerprint: A Systematic Review on Recent Progress in Extracellular Vesicle Research from Lab to Market. , 2023, , 47-77.		0
1265	Sincronizaci3n entre la videodegluci3n y la electromiograf3a de superficie en pacientes con afectaci3n neurol3gica y sAntomas de disfagia. <i>Biomedica</i> , 2022, 42, 650-664.	0.3	0
1266	Deep learning/Kalman filter-based underwater localization in VLC systems. <i>Optical and Quantum Electronics</i> , 2023, 55, .	1.5	0
1267	Optimized deep learning/kalman filter-based underwater localization in VLC systems. <i>Optical and Quantum Electronics</i> , 2023, 55, .	1.5	0
1268	Mitigation of RSSI Variations Using Frequency Analysis and Kalman Filtering. <i>Cognitive Science and Technology</i> , 2023, , 227-239.	0.2	0
1269	Gyro-Axis-Based Calibration Method for Rate-Bias Laser-Gyroscope Inertial Navigation System. <i>Lecture Notes in Electrical Engineering</i> , 2023, , 404-412.	0.3	0

#	ARTICLE	IF	CITATIONS
1270	An Overview of Recent Development in Carbon-Based Sensors for Neurotransmitter Detection. Combinatorial Chemistry and High Throughput Screening, 2023, 26, .	0.6	1
1271	How do 24-h movement behaviours change during and after vacation? A cohort study. International Journal of Behavioral Nutrition and Physical Activity, 2023, 20, .	2.0	2
1272	Synthesis of Cu Nanowires by Template Electrodeposition and Their Application in Pressure Sensors. Journal of Electronic Materials, 2023, 52, 3463-3471.	1.0	0
1273	Location Accuracy Detection Algorithm of Construction Robot Based on Machine Learning Technology. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 429-436.	0.5	0
1274	Optimization and Solution Approaches in Utilizing Wireless Sensor Networks for Exploring Moon, Planets, and Space. Springer Optimization and Its Applications, 2023, , 285-299.	0.6	0