On the Use of the Humanoid Bioloid System for Robot-A Spanish Speech

Applied Sciences (Switzerland) 6, 1 DOI: 10.3390/app6010001

Citation Report

#	Article	IF	CITATIONS
1	An Efficient Approach for Fast and Accurate Voltage Stability Margin Computation in Large Power Grids. Applied Sciences (Switzerland), 2016, 6, 335.	1.3	7
2	Distributed Optimal Economic Dispatch Based on Multi-Agent System Framework in Combined Heat and Power Systems. Applied Sciences (Switzerland), 2016, 6, 308.	1.3	11
3	Dominant Channel Occupancy for Wi-Fi Backscatter Uplink in Industrial Internet of Things. Applied Sciences (Switzerland), 2016, 6, 427.	1.3	10
4	PSO-Based Voltage Control Strategy for Loadability Enhancement in Smart Power Grids. Applied Sciences (Switzerland), 2016, 6, 449.	1.3	6
5	Propulsive Characteristics of Twin Oscillating Airfoils. Journal of Bionic Engineering, 2016, 13, 468-477.	2.7	4
6	Handwriting Movement Sonification: Why and How?. IEEE Transactions on Human-Machine Systems, 2017, 47, 299-303.	2.5	7
7	Framing the MHD mixed convective performance of CNTs in rotating vertical channel inspired by thermal deposition: Closed form solutions. Journal of Molecular Liquids, 2017, 233, 334-343.	2.3	40
8	A physical layer model for G3-PLC networks simulation. , 2017, , .		4
9	Effect of post-sinter annealing on the properties of ceramics. Metal Powder Report, 2017, 72, 177-181.	0.3	0
10	Influence of rice husk ash on strength and permeability of ultra-high performance concrete. Construction and Building Materials, 2017, 149, 621-628.	3.2	165
11	Optical network unit placement in Fiber-Wireless (FiWi) access network by Moth-Flame optimization algorithm. Optical Fiber Technology, 2017, 36, 403-411.	1.4	51
12	Ball Tips of Micro/Nano Probing Systems: A Review. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 222-230.	1.9	8
13	Degradation of linear low-density polyethylene/poly(vinyl alcohol)/kenaf composites. Iranian Polymer Journal (English Edition), 2017, 26, 703-709.	1.3	4
14	A Parallel Approach to HRTF Approximation and Interpolation Based on a Parametric Filter Model. IEEE Signal Processing Letters, 2017, 24, 1507-1511.	2.1	5
15	Effect of magnetic field on piezo-thermoelastic medium with three theories. Results in Physics, 2017, 7, 3361-3368.	2.0	18
16	Surface Material Classification Using Landsat-8 OLI Image Acquired in Ulsan by the Different Machine Learning Techniques. Applied Mechanics and Materials, 2017, 865, 650-656.	0.2	0
17	A Correction Method for DVL Measurement Errors by Attitude Dynamics. IEEE Sensors Journal, 2017, 17, 4628-4638.	2.4	34
18	Development of a simulation-based electricity analysis environment for a community microgrid system. , 2017, , .		3

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#	Article	IF	CITATIONS
19	Heat transfer enhancement in hydromagnetic dissipative flow past a moving wedge suspended by 2-aluminum alloy nanoparticles in the presence of thermal radiation. International Journal of Hydrogen Energy, 2017, 42, 24634-24644.	3.8	42
20	Performance Comparison of Phase Change Materials for Thermal Energy Storage. Materials Science Forum, 0, 909, 231-236.	0.3	1
21	Load signatures development via harmonic current vectors. , 2017, , .		5
22	Acoustic Event Detection in Multichannel Audio Using Gated Recurrent Neural Networks with High-Resolution Spectral Features. ETRI Journal, 2017, 39, 832-840.	1.2	10
23	Advance in Bacteria Chemotaxis on Microfluidic Devices. Chinese Journal of Analytical Chemistry, 2017, 45, 1734-1744.	0.9	14
24	Simplification and evaluation of demand response by the use of statistical aggregated models. CIRED - Open Access Proceedings Journal, 2017, 2017, 2901-2905.	0.1	1
25	Energy saving investigation of heat and energy recovery ventilation units. , 2017, , .		0
26	AC breakdown strength enhancement of LDPE nanocomposites using atmospheric pressure plasma. , 2017, , .		4
27	Biogenic silver nanoparticles mediated by Broussonetia papyrifera: anticancer and antimicrobial activity against pathogenic organisms. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 93.	0.3	3
28	Fabrication NiAl/Cu Composite Powder for Thermal Spray Coating. Applied Mechanics and Materials, 2017, 866, 240-243.	0.2	2
29	Convective Heat Transfer and Particle Motion in an Obstructed Duct with Two Side by Side Obstacles by Means of DPM Model. Applied Sciences (Switzerland), 2017, 7, 431.	1.3	80
30	Passivity-Based Control for a Micro Air Vehicle Using Unit Quaternions. Applied Sciences (Switzerland), 2017, 7, 13.	1.3	16
31	Gait Planning Research for an Electrically Driven Large-Load-Ratio Six-Legged Robot. Applied Sciences (Switzerland), 2017, 7, 296.	1.3	12
32	Exergy Analysis of a Parallel-Plate Active Magnetic Regenerator with Nanofluids. Entropy, 2017, 19, 464.	1.1	14
33	Cybersecurity Vulnerability Analysis of the PLC PRIME Standard. Security and Communication Networks, 2017, 2017, 1-18.	1.0	6
34	Global analysis of a new nonlinear stochastic differential competition system with impulsive effect. Advances in Difference Equations, 2017, 2017, .	3.5	25
35	Parametric audio equalizer based on short-time fourier transform. , 2017, , .		1
36	Antibacterial and antioxidant activity of silver nanoparticles synthesized using aqueous extract of Moringa stenopetala leaves. African Journal of Biotechnology, 2017, 16, 1705-1716.	0.3	16

	CITATION REI	PORT	
# 37	ARTICLE Together or separately? Evaluating the content free period in PRIME using SimPRIME. , 2017, , .	IF	CITATIONS 3
38	Review: Home energy management system in a Smart Grid scheme to improve reliability of power systems. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012081.	0.2	17
39	The fatigue life study of polyphenylene sulfide composites filled with continuous glass fibers. Materials Research Express, 2018, 5, 045312.	0.8	1
40	Oxidation, electrical and mechanical properties of Crofer ® 22 solid oxide fuel cell metallic interconnects manufactured through powder metallurgy. International Journal of Hydrogen Energy, 2018, 43, 10822-10833.	3.8	22
41	Towards Dynamic Coordination Among Home Appliances Using Multi-Objective Energy Optimization for Demand Side Management in Smart Buildings. IEEE Access, 2018, 6, 19509-19529.	2.6	151
42	Detection and Classification of Acoustic Scenes and Events: Outcome of the DCASE 2016 Challenge. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 379-393.	4.0	185
43	Investigation of luminescent properties of Eu3+ doped double perovskite Ba2ZnMoO6 phosphors by using solid-state reaction method. Microsystem Technologies, 2018, 24, 4067-4074.	1.2	12
44	Nanoadsorbents based on conducting polymer nanocomposites with main focus on polyaniline and its derivatives for removal of heavy metal ions/dyes: A review. Environmental Research, 2018, 162, 173-195.	3.7	448
45	Evaluation of a combined emulsion process to encapsulate methylene blue into PLGA nanoparticles. RSC Advances, 2018, 8, 414-422.	1.7	16
46	Morphological computation in haptic sensation and interaction: from nature to robotics. Advanced Robotics, 2018, 32, 340-362.	1.1	26
47	Recent Advances in Green Synthesis of Silver Nanoparticles and Their Applications: About Future Directions. A Review. BioNanoScience, 2018, 8, 5-16.	1.5	268
48	Frequency estimator of sinusoid based on interpolation of three DFT spectral lines. Signal Processing, 2018, 144, 52-60.	2.1	50
49	Acoustic emission energy b -value for local damage evaluation in reinforced concrete structures subjected to seismic loadings. Mechanical Systems and Signal Processing, 2018, 102, 262-277.	4.4	95
50	Modeling of convective turbulent heat transfer of water-based <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si59.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Al</mml:mtext></mml:mrow><mml:mrow nanofluids in an uniformly heated pipe. Chemical Engineering Science, 2018, 176, 205-219.</mml:mrow </mml:msub></mml:mrow></mml:math 	, 1.9 √>≺mml:n	nn39
51	High temperature properties of Sr2MgMo0.9TM0.1O6â^î^ (TM = Mn, Co and Ni). Ceramics International, 2018, 44, 2539-2546.	2.3	14
52	Composite electrodes of WO3 coating on mesocarbon microbeads of a supercapacitor. Microsystem Technologies, 2018, 24, 4049-4055.	1.2	4
53	Efficient synthesis of chromeno[2,3-c]pyrazolyl-pyrazolol(s)Âin hydrotropic solution and their anti-infective potential. Research on Chemical Intermediates, 2018, 44, 1351-1362.	1.3	10
54	Influence of Selective Laser Melting Processing Parameters of Co-Cr-W Powders on the Roughness of Exterior Surfaces. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012010.	0.3	5

#	Article	IF	CITATIONS
55	Reliability analysis for high-lift device based on Copula function and Bayesian updating. Advances in Mechanical Engineering, 2018, 10, 168781401881929.	0.8	1
56	A Hybrid Energy Harvesting System Based on Solar Radiation and Mechanical Vibration. , 2018, , .		2
57	Micro-Extinction Spectroscopy (MExS): a versatile optical characterization technique. Advanced Structural and Chemical Imaging, 2018, 4, .	4.0	16
58	Effect of Natural Surfactant on the Rheological Characteristics of Heavy Crude Oil. Materials Today: Proceedings, 2018, 5, 23881-23887.	0.9	3
59	Overview of the status of smart metering systems in Argentina and future perspectives. , 2018, , .		1
60	The study of the entropy generation in a thin film flow with variable fluid properties past over a stretching sheet. Advances in Mechanical Engineering, 2018, 10, 168781401878952.	0.8	36
61	On Perceptual Audio Equalization for Multiple Users in Presence of Ambient Noise. , 2018, , .		0
62	Sound Event Detection and Haptic Vibration Based Home Monitoring Assistant System for the Deaf and Hard-of-Hearing. , 2018, , .		5
63	Architecture and Routing Protocols for Airborne Internet Access. , 2018, , .		7
64	Haptic Conversion Using Detected Sound Event in Home Monitoring System for the Hard-of-Hearing. , 2018, , .		3
65	Effect of grout conditions and tendon location on corrosion pattern in PS tendon in grout. Construction and Building Materials, 2018, 186, 1005-1015.	3.2	6
66	Biomass ash interactions with a manganese ore used as oxygen-carrying bed material in a 12 MWth CFB boiler. Biomass and Bioenergy, 2018, 119, 179-190.	2.9	32
67	Ultrahigh-Frequency Characteristics of Single-Electron Transistor. , 2018, , .		6
68	Cross-Validation for Imbalanced Datasets: Avoiding Overoptimistic and Overfitting Approaches [Research Frontier]. IEEE Computational Intelligence Magazine, 2018, 13, 59-76.	3.4	246
69	A Comparison of The Renewable Distributed Generation Models used in Reliability Assessment. , 2018, , .		0
70	A Survey on Management Frameworks and Open Challenges in IoT. Wireless Communications and Mobile Computing, 2018, 2018, 1-33.	0.8	17
71	Modeling and Delay-Equalizing Loudspeaker Responses. AES: Journal of the Audio Engineering Society, 2018, 66, 922-934.	0.8	4
72	Novel nanostructure of cadmium selenide synthesized by solvothermal method and their characterization. Optik, 2018, 169, 297-302.	1.4	5

#	Article	IF	CITATIONS
73	Monitoring of Bolt Looseness-Induced Damage in Steel Truss Arch Structure Using Piezoceramic Transducers. IEEE Sensors Journal, 2018, 18, 6677-6685.	2.4	36
74	Message response time analysis for automotive cyber–physicalsystems with uncertain delay: An M/PH/1 queue approach. Performance Evaluation, 2018, 125, 21-47.	0.9	5
75	Household Occupancy Detection Based on Electric Energy Consumption. Communications in Computer and Information Science, 2018, , 223-231.	0.4	0
76	Numerical investigation on falling ferrofluid droplet under uniform magnetic field. European Journal of Mechanics, B/Fluids, 2018, 72, 1-11.	1.2	11
77	Emotions and eye-tracking of differing age groups searching on e-book wall. Aslib Journal of Information Management, 2018, 70, 434-454.	1.3	1
78	Research on a Pulse Interference Filter Used for the Fiber Bragg Grating Interrogation System. Photonic Sensors, 2018, 8, 270-277.	2.5	0
79	Processing techniques and properties of metal/polyester composite plain material: Electromagnetic shielding effectiveness and far-infrared emissivity. Journal of Industrial Textiles, 2019, 49, 365-382.	1.1	6
80	Conjugated heat transfer and entropy generation of Al2O3–water nanofluid flows over a heated wall-mounted obstacle. Journal of Thermal Analysis and Calorimetry, 2019, 135, 963-979.	2.0	19
81	Autonomous Fault-Tolerant Gait Planning Research for Electrically Driven Large-Load-Ratio Six-Legged Robot. Lecture Notes in Computer Science, 2019, , 231-244.	1.0	4
82	Selective laser melting of AISI 304 stainless steel composites reinforced by Al2O3 and eutectic mixture of Al2O3–ZrO2 powders. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 763, 138161.	2.6	21
83	Improving future low-noise aircraft technologies using experimental perception-based evaluation of synthetic flyovers. Science of the Total Environment, 2019, 692, 68-81.	3.9	22
84	Passive volumetric time domain simulation for room acoustics applications. Journal of the Acoustical Society of America, 2019, 145, 2613-2624.	0.5	9
85	Forecasting of Turkey's greenhouse gas emissions using linear and nonlinear rolling metabolic grey model based on optimization. Journal of Cleaner Production, 2019, 239, 118079.	4.6	63
86	Comparison between single-number quantities for rating noises from sanitary installations in residential buildings by objective and subjective methods. Building and Environment, 2019, 164, 106378.	3.0	2
87	Neurally Controlled Graphic Equalizer. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 2140-2149.	4.0	8
88	Temporal Acoustic Emission Index for Damage Monitoring of RC Structures Subjected to Bidirectional Seismic Loadings. Materials, 2019, 12, 2804.	1.3	4
89	Measurement Parameter Selection on Adaptive Cycle Engine Gas Path Fault Diagnosis. Energy Procedia, 2019, 158, 1646-1652.	1.8	2
90	Nanotechnology and Nanobiotechnology for Environmental Remediation. Nanotechnology in the Life Sciences, 2019, , 77-93.	0.4	2

#	Article	IF	CITATIONS
91	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
92	Joint Acoustic and Class Inference for Weakly Supervised Sound Event Detection. , 2019, , .		8
93	Embedded parabolic fiber lens for efficient fiber-to-waveguide coupling fabricated by focused ion beam. JPhys Photonics, 2019, 1, 025004.	2.2	8
94	Flow Characteristics of Crude Oil with Additive. Lecture Notes in Mechanical Engineering, 2019, , 479-488.	0.3	0
95	From the Lap(top) to the Jungle: Validating the PRIME Network Simulator SimPRIME with Data from the Field. , 2019, , .		3
96	Effect of velocity and rheology of nanofluid on heat transfer of laminar vibrational flow through a pipe under constant heat flux. International Nano Letters, 2019, 9, 245-256.	2.3	10
97	Stimulations of Thermophysical Characteristics of Nano-Diamond and Silver Nanoparticles for Nonlinear Radiative Curved Surface Flow. IEEE Access, 2019, 7, 55509-55517.	2.6	12
98	An efficient chaotic mutative moth-flame-inspired optimizer for global optimization tasks. Expert Systems With Applications, 2019, 129, 135-155.	4.4	220
99	Electrochemical growth of ZnO photonic crystals. International Journal of Nanotechnology, 2019, 16, 389.	0.1	0
100	Joint Analysis of Acoustic Events and Scenes Based on Multitask Learning. , 2019, , .		11
101	Deep Neural Network Based Poetic Meter Classification Using Musical Texture Feature Fusion. , 2019, , .		3
102	Graphic Equalizer Design with Symmetric Biquad Filters. , 2019, , .		1
103	Control of anisotropy of a redox-active molecule-based film leads to non-volatile resistive switching memory. Chemical Science, 2019, 10, 10888-10893.	3.7	14
104	Effect of Gd3+/Ga3+ on Yb3+ emission in mixed YAG at cryogenic temperature. Ceramics International, 2019, 45, 9418-9422.	2.3	5
105	Health monitoring of reinforced concrete structures with hysteretic dampers subjected to dynamical loads by means of the acoustic emission energy. Structural Health Monitoring, 2019, 18, 1836-1850.	4.3	17
106	Enhanced endoglucanase production by soil inhabiting <i>Streptomyces</i> sp. strain NAA9 using lignocellulosic biomass. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 1630-1639.	1.2	4
107	Hydrodeoxygenation of phenolic model compounds over zirconia supported Ir and Ni-catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2019, 126, 737-759.	0.8	30
108	A novel Nth-order IIR filter-based graphic equalizer optimized through genetic algorithm for computing filter order. Soft Computing, 2019, 23, 2683-2691.	2.1	4

#	Article	IF	CITATIONS
109	A literature review of next-generation smart sensing technology in structural health monitoring. Structural Control and Health Monitoring, 2019, 26, e2321.	1.9	336
110	State Estimation of Three-Phase Four-Conductor Distribution Systems With Real-Time Data From Selective Smart Meters. IEEE Transactions on Power Systems, 2019, 34, 2632-2643.	4.6	36
111	Modeling and vibration control of aero two-blade propeller with input magnitude and rate saturations. Aerospace Science and Technology, 2019, 84, 412-430.	2.5	8
112	Flow Rate Effect on Wax Deposition Behavior in Single-Phase Laminar Flow. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	1.4	10
113	Smart Metering Systems Based on Power Line Communications. Engergy Systems in Electrical Engineering, 2019, , 121-170.	0.5	4
114	Social cohesion revisited: a new definition and how to characterize it. Innovation: the European Journal of Social Science Research, 2019, 32, 231-253.	0.9	125
115	Multi-strategy learning and deep harmony memory improvisation for self-organizing neurons. Soft Computing, 2019, 23, 285-303.	2.1	6
116	Assessment of tool path strategies for milling complex surfaces in hardened H13 steel. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 834-849.	1.5	10
117	Fire-spotting generated fires. Part I: The role of atmospheric stability. Applied Mathematical Modelling, 2020, 84, 590-609.	2.2	4
118	Optimization of Cellulase and Xylanase Productions by Streptomyces thermocoprophilus TC13W Using Low Cost Pretreated Oil Palm Empty Fruit Bunch. Waste and Biomass Valorization, 2020, 11, 3925-3936.	1.8	22
119	Towards Efficient Energy Management in a Smart Home Using Updated Population. Advances in Intelligent Systems and Computing, 2020, , 39-52.	0.5	2
120	Error performance analysis and modeling of narrow-band PLC technology enabling smart metering systems. International Journal of Electrical Power and Energy Systems, 2020, 116, 105536.	3.3	11
121	Nano-bioremediation: A New Age Technology for the Treatment of Dyes in Textile Effluents. , 2020, , 313-347. heat transfer flow model for SWCNTs-Hkmml:math		27
122	xmins:mml="http://www.w3.org/1998/Math/Math/MathML" display="inline" id="d1e474" altimg="si48.svg"> <mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:mrow </mml:msub> O and MWCNTs-H <mml:math <="" display="inline" id="d1e482" td="" xmlns:mml="http://www.w3.org/1998/Math/MathML"><td>1.2</td><td>20</td></mml:math>	1.2	20
123	Thiazole-containing compounds as therapeutic targets for cancer therapy. European Journal of Medicinal Chemistry, 2020, 188, 112016.	2.6	203
124	A closed-loop renewable energy evaluation framework. Journal of Cleaner Production, 2020, 251, 119663.	4.6	5
125	Brain pathology identification using computer aided diagnostic tool: A systematic review. Computer Methods and Programs in Biomedicine, 2020, 187, 105205.	2.6	23
126	A robust grey wolf-based deep learning for brain tumour detection in MR images. Biomedizinische Technik, 2020, 65, 191-207.	0.9	14

#	Article	IF	CITATIONS
127	Block Sparse Bayesian Learning over Local Dictionary for Robust SAR Target Recognition. International Journal of Optics, 2020, 2020, 1-10.	0.6	3
128	Study on Wind Energy Harvesting Effect of a Vehicle-Mounted Piezo-Electromagnetic Hybrid Energy Harvester. IEEE Access, 2020, 8, 167631-167646.	2.6	29
129	Composite action of fixings to gypsum boards acting in shear based on material properties. Proceedings of Institution of Civil Engineers: Construction Materials, 2022, 175, 153-171.	0.7	3
130	Secure Content-Based Image Retrieval in the Cloud With Key Confidentiality. IEEE Access, 2020, 8, 114940-114952.	2.6	20
131	A review of computer simulations of metal 3D printing. AIP Conference Proceedings, 2020, , .	0.3	21
132	Triglycerides as Novel Phase-Change Materials: A Review and Assessment of Their Thermal Properties. Molecules, 2020, 25, 5572.	1.7	16
133	Perishable inventory management using GA-ANN and ICA-ANN. International Journal of Procurement Management, 2020, 13, 347.	0.1	1
134	Performance Analysis and Optimization of a 6-DOF Robotic Crusher. Journal of Robotics, 2020, 2020, 1-14.	0.6	0
135	Moth-Eye Mimicking Solid Slippery Glass Surface with Icephobicity, Transparency, and Self-Healing. ACS Nano, 2020, 14, 10198-10209.	7.3	78
136	Beyond the Dcase 2017 Challenge on Rare Sound Event Detection: A Proposal for a More Realistic Training and Test Framework. , 2020, , .		6
137	An experimental study on high-pressure water jets for paraffin scale removal in partially blocked production tubings. Journal of Petroleum Exploration and Production, 2020, 11, 973.	1.2	3
138	High sensitive label-free optical sensor based on Goos–Hächen effect by the single chirped laser pulse. Scientific Reports, 2020, 10, 17176.	1.6	2
139	Breathing Sound Segmentation and Detection Using Transfer Learning Techniques on an Attention-Based Encoder-Decoder Architecture. , 2020, 2020, 754-759.		13
140	Research on the Intelligent Fault Diagnosis of Medical Devices Based on a DEMATEL-Fuzzy Concept Lattice. International Journal of Fuzzy Systems, 2020, 22, 2369-2384.	2.3	6
141	The Shape Effect of Gold Nanoparticles on Squeezing Nanofluid Flow and Heat Transfer between Parallel Plates. Mathematical Problems in Engineering, 2020, 2020, 1-12.	0.6	27
142	Sampling Frequency Error Estimators for PRIME v1.4 systems. , 2020, , .		0
143	High efficiency dielectric photonic crystal fiber metalens. Scientific Reports, 2020, 10, 20898.	1.6	9
144	Computational examination of Casson nanofluid due to a <scp>nonâ€linear</scp> stretching sheet subjected to particle shape factor: Tiwari and Das model. Numerical Methods for Partial Differential Equations, 2022, 38, 848-875.	2.0	26

	CITATION	Report	
#	Article	IF	CITATIONS
145	Cost analysis and energy return on investment of fuel cell and gas turbine integrated fusion-biomass hybrid system; application of a small scale conceptual fusion reactor GNOME. Energy, 2020, 203, 117825.	4.5	14
146	Traditional uses, botany, phytochemistry, pharmacology, separation and analysis technologies of Euonymus alatus (Thunb.) Siebold: A comprehensive review. Journal of Ethnopharmacology, 2020, 259, 112942.	2.0	14
147	Non-intrusive laser-induced breakdown spectroscopy in flammable mixtures via limiting inverse-bremsstrahlung photon absorption. Combustion and Flame, 2020, 215, 259-268.	2.8	9
148	An analytical amplitude model for negative pressure waves in gaseous media. Mechanical Systems and Signal Processing, 2020, 144, 106800.	4.4	11
149	A Comprehensive Review of Polyphonic Sound Event Detection. IEEE Access, 2020, 8, 103339-103373.	2.6	31
150	Smartphone addiction. , 2020, , 215-240.		28
151	Electrochemicaly formed ZnO and Au/ZnO opal films. SN Applied Sciences, 2020, 2, 1.	1.5	1
152	A Comparison of Aircraft Flyover Auralizations by the Aircraft Noise Simulation Working Group. , 2020, , .		5
153	Kinetic modeling of thermal reactor in Claus process using CHEMKIN-PRO software. Case Studies in Thermal Engineering, 2020, 21, 100694.	2.8	13
154	Soils under Plastic and Grass Cover: Effects on Soil Aggregation and Nutrient Cycling in Brazilian Coffee Growing. , 0, , .		0
155	Classification of aspirated and unaspirated sounds in speech using excitation and signal level information. Computer Speech and Language, 2020, 62, 101057.	2.9	2
156	Fabrication of robust PDMS micro-structure with hydrophobic and antifouling properties. Microelectronic Engineering, 2020, 224, 111255.	1.1	24
157	Prediction of residual stress in the process of turning high strength alloy steel by innovative coated carbide microgroove tools. International Journal of Advanced Manufacturing Technology, 2020, 106, 4693-4705.	1.5	5
158	PLGA nanoparticle preparations by emulsification and nanoprecipitation techniques: effects of formulation parameters. RSC Advances, 2020, 10, 4218-4231.	1.7	133
159	Prediction of flow stress behaviour by materials modelling technique for Inconel 718 alloy at elevated temperature. Advances in Materials and Processing Technologies, 2020, 6, 376-383.	0.8	7
160	Based on MFe ₂ O ₄ (M=Co, Cu, and Ni): Magnetically recoverable nanocatalysts in synthesis of heterocyclic structural scaffolds. Synthetic Communications, 2020, 50, 1899-1935.	1.1	32
161	A novel modeling of volumetric errors of three-axis machine tools based on Abbe and Bryan principles. International Journal of Machine Tools and Manufacture, 2020, 151, 103527.	6.2	49
162	A calculation model to predict the impact stress field and depth of plastic deformation zone of additive manufactured parts in the process of ultrasonic impact treatment. Journal of Materials Processing Technology, 2020, 280, 116599.	3.1	28

#	Article	IF	CITATIONS
163	Extracellular hydrolytic enzyme activities of indigenous actinomycetes on pretreated bagasse using choline acetate ionic liquid. Biocatalysis and Agricultural Biotechnology, 2020, 24, 101503.	1.5	5
164	Solid oxide fuel cell: Materials for anode, cathode and electrolyte. International Journal of Hydrogen Energy, 2020, 45, 23988-24013.	3.8	123
165	Hybridized double-walled carbon nanotubes and activated carbon as free-standing electrode for flexible supercapacitor applications. Carbon Letters, 2020, 30, 527-534.	3.3	20
166	Analysis of multiple shear wave modes in a nonlinear soft solid: Experiments and finite element simulations with a tilted acoustic radiation force. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 107, 103754.	1.5	12
167	Recent advances in O-formylation of alcohols and phenols using efficient catalysts in eco-friendly media. Synthetic Communications, 2020, 50, 2132-2155.	1.1	4
168	PERFORMANCE PREDICTION OF BUNDLE DOUBLE-WALLED CARBON NANOTUBE-COMPOSITE MATERIALS FOR DIPOLE ANTENNAS AT TERAHERTZ FREQUENCY RANGE. Progress in Electromagnetics Research M, 2020, 88, 179-189.	0.5	4
169	Optimal sizing of distributed energy resources and battery energy storage system in planning of islanded micro-grids based on life cycle cost. Energy Systems, 2021, 12, 637-656.	1.8	6
170	A smart home system with security and electrical appliances. Journal of Information and Optimization Sciences, 2021, 42, 303-319.	0.2	2
171	Selective synthesis of carbon nanotubes by catalytic decomposition of methane using Co-Cu/cellulose derived carbon catalysts: A comprehensive kinetic study. Chemical Engineering Journal, 2021, 404, 126103.	6.6	29
172	Experimental studies on efficiency enhancement of the parabolic solar collector combined with mirrors using the artificial neural network. International Journal of Ambient Energy, 2021, 42, 801-807.	1.4	2
173	Potential of pyrochlore structure materials in solid oxide fuel cell applications. Ceramics International, 2021, 47, 4367-4388.	2.3	75
174	Parameter estimation of weak spaceâ€based ADSâ€B signals using genetic algorithm. ETRI Journal, 2021, 43, 324-331.	1.2	0
175	Voltage mode ASK/BPSK modulator, its extended applications in precision rectifier and data communication using DXCCII. AEU - International Journal of Electronics and Communications, 2021, 128, 153517.	1.7	7
176	Magnetic field detection using fiber bundle and magnetic fluid as sensors. Microwave and Optical Technology Letters, 2021, 63, 975-979.	0.9	3
177	Finite-difference time-domain simulation of floor-impact sound excited by one-dimensional contact model and its application to auralization of floor-impact sound. Acoustical Science and Technology, 2021, 42, 22-35.	0.3	1
178	Resistive Switching Memory Devices Based on a Redox-Active Organic Molecule. Springer Theses, 2021, , 21-41.	0.0	0
179	Joint Analysis of Sound Events and Acoustic Scenes Using Multitask Learning. IEICE Transactions on Information and Systems, 2021, E104.D, 294-301.	0.4	9
180	Low Cost, Robust and Multi-Functional Smart Meter. , 0, , .		Ο

#	Article	IF	CITATIONS
181	Allocation-Based Optimal Reactive Power Dispatch Considering Polynomial Load Model Using Improved Grey Wolf Optimizer. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2021, 45, 921-944.	1.5	9
182	Enhanced heat transfer in H2O inspired by Al2O3 and \hat{I}^3 Al2O3 nanomaterials and effective nanofluid models. Advances in Mechanical Engineering, 2021, 13, 168781402110236.	0.8	5
183	On the Distance-Constrained Close Enough Arc Routing Problem. European Journal of Operational Research, 2021, 291, 32-51.	3.5	10
184	General Design Method of Control Law for Adaptive Cycle Engine Mode Transition. AIAA Journal, 0, , 1-15.	1.5	0
185	Development of the contact detection method in free-form surface of the optical fiber probe for microstructure measurement using long short term memory. Measurement: Sensors, 2021, 18, 100170.	1.3	2
186	Efficient Moth-Flame-Based Neuroevolution Models. Algorithms for Intelligent Systems, 2020, , 51-66.	0.5	2
187	Auralization of railway noise: Emission synthesis of rolling and impact noise. Applied Acoustics, 2017, 127, 34-45.	1.7	17
188	A Numerical Simulation on the Effect of Vaccination and Treatments for the Fractional Hepatitis B Model. Journal of Computational and Nonlinear Dynamics, 2021, 16, .	0.7	19
189	Hybrid Memories Based on Redox Molecules. , 2017, , 91-122.		0
192	Realisation of threeâ€dimensional geometric model in case of bike frame measurement. IET Circuits, Devices and Systems, 2020, 14, 713-719.	0.9	1
193	CFD study of heat transfer effect on nanofluid of Newtonian and non-Newtonian type under vibration. Chemical Product and Process Modeling, 2021, 16, 251-260.	0.5	1
194	Detection of amine gases by inverse opal photonic crystals infiltrated with precursor HPQâ€Ac of aggregationâ€induced emission luminogen. Electronics and Communications in Japan, 2021, 104, .	0.3	Ο
195	Development and verification of individual motor control technology to improve the driving performance of independently rotating wheel type railway vehicle using hardware-in-the-loop (HIL) Simulator. Measurement and Control, 2021, 54, 11-24.	0.9	2
196	Cyber security vulnerabilities of smart metering based on LPWAN wireless communication technologies. AIP Conference Proceedings, 2020, , .	0.3	2
197	Sound Event Detection Utilizing Graph Laplacian Regularization with Event Co-Occurrence. IEICE Transactions on Information and Systems, 2020, E103.D, 1971-1977.	0.4	3
198	Flow behavior and microstructure evolution of Ti-6Al-4V titanium alloy produced by selective laser melting compared to wrought. International Journal of Advanced Manufacturing Technology, 2022, 119, 953-967.	1.5	2
199	Fire-exposed stones in constructions: Residual strength, performance loss and damage mode shift due to mineralogical transformation and micro-cracking. Engineering Geology, 2022, 302, 106638.	2.9	6
200	Numerical investigation of heat transfer in the nanofluids under the impact of length and radius of carbon nanotubes. Open Physics, 2022, 20, 416-430.	0.8	2

#	Article	IF	CITATIONS
201	TUBULAR LINEAR SWITCHED RELUCTANCE ACTUATOR: DESIGN AND CHARACTERIZATION. Jurnal Teknologi (Sciences and Engineering), 2022, 84, 117-129.	0.3	0
202	Adding value to rice straw waste for high-level xylanase production using a new isolate of Bacillus altitudinis RS3025. Folia Microbiologica, 2023, 68, 87-99.	1.1	5
203	Mixture design of experiments for the behavior analysis of sulfonated polyacrylamide solutions (ATBS) with salinity, hardness, and concentration changes DYNA (Colombia), 2022, 89, 60-67.	0.2	1
204	Simulation of Air-Coupled Transducer Operation in Structural Health Monitoring Systems. Russian Journal of Nondestructive Testing, 2022, 58, 666-678.	0.3	0
205	Soundscape in city and built environment: current developments and design potentials. , 2023, 1, .		6
206	A review on nanotechnological advancements in tomato: a model plant. Journal of Horticultural Science and Biotechnology, 2023, 98, 563-579.	0.9	0