Abiodun Musa Aibinu

List of Publications by Year
in descending order

27 papers	312 citations	933447 10 h-index	888059 17 g-index
27 all docs	27 docs citations	27 times ranked	256 citing authors

#	Article	IF	Citations
1	Green synthesis of CuO nanocomposite from watermelon (Citrullus lanatus) rind for the treatment of aquaculture effluent. Regional Studies in Marine Science, 2022, 52, 102308.	0.7	10
2	Application of artificial neural network modeling techniques to signal strength computation. Heliyon, 2021, 7, e06047.	3.2	14
3	Unmanned Aerial Vehicle (UAV) applications in coastal zone management—a review. Environmental Monitoring and Assessment, 2021, 193, 154.	2.7	35
4	Performance evaluation of some rain rate conversion models for microwave propagation studies. Advances in Space Research, 2021, 67, 3098-3105.	2.6	2
5	A discriminant analysis-based automatic ordered statistics scheme for radar systems. Physical Communication, 2020, 43, 101215.	2.1	3
6	Incorporating Intelligence in Fish Feeding System for Dispensing Feed Based on Fish Feeding Intensity. IEEE Access, 2020, 8, 91948-91960.	4.2	20
7	Review of Handover in Li-Fi and Wi-Fi Networks. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 955-964.	0.7	1
8	Development of Handover Decision Algorithms in Hybrid Li-Fi and Wi-Fi Networks. , 2020, , .		8
9	A Survey of Modulation Schemes in Visible Light Communications. , 2019, , .		7
10	Evaluation of some rain attenuation prediction models for satellite communication at Ku and Ka bands. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 188, 52-61.	1.6	8
11	Handover in Hybrid LiFi and WiFi Networks. , 2019, , .		11
12	Intelligence Security Check System Using Face Recognition Algorithm: A Review. , 2019, , .		0
13	Hybrid Multipulse Amplitude and Position Modulation for Optical Wireless Communication System. , 2019, , .		1
14	Development of multiple mobile networks call detailed records and its forensic analysis. Digital Communications and Networks, 2019, 5, 256-265.	5.0	9
15	Artificial Neural Network model for the determination of GSM Rxlevel from atmospheric parameters. Engineering Science and Technology, an International Journal, 2017, 20, 795-804.	3.2	19
16	Nonstationary signal reconstruction from TVAR coefficients. , 2017, , .		0
17	COMPARATIVE ANALYSIS OF BASIC MODELS AND ARTIFICIAL NEURAL NETWORK BASED MODEL FOR PATH LOSS PREDICTION. Progress in Electromagnetics Research M, 2017, 61, 133-146.	0.9	30
18	A Novel Hybrid Artificial Intelligence Technique for Colpitts Oscillator Design. Journal of Control, Automation and Electrical Systems, 2014, 25, 10-21.	2.0	6

#	Article	IF	Citations
19	Investigation of the characteristics of geoelectric field signals prior to earthquakes using adaptive STFT techniques. Natural Hazards and Earth System Sciences, 2013, 13, 1679-1686.	3.6	4
20	Frequency Based Hysteresis Compensation for Piezoelectric Tube Scanner using Artificial Neural Networks. Procedia Engineering, 2012, 41, 757-763.	1.2	10
21	Performance Analysis of ANN based YCbCr Skin Detection Algorithm. Procedia Engineering, 2012, 41, 1183-1189.	1.2	19
22	Electromyography (EMG)-based thump-tip force estimation for prosthetic thumb. , 2012, , .		2
23	Artificial neural network based autoregressive modeling technique with application in voice activity detection. Engineering Applications of Artificial Intelligence, 2012, 25, 1265-1276.	8.1	23
24	A novel signal diagnosis technique using pseudo complex-valued autoregressive technique. Expert Systems With Applications, 2011, 38, 9063-9069.	7.6	15
25	Analysis of transient multiexponential signals using cepstral deconvolution. Applied and Computational Harmonic Analysis, 2010, 29, 88-96.	2.2	5
26	Vascular intersection detection in retina fundus images using a new hybrid approach. Computers in Biology and Medicine, 2010, 40, 81-89.	7.0	46
27	RETINA FUNDUS IMAGE MASK GENERATION USING PSEUDO PARAMETRIC MODELING TECHNIQUE. IIUM Engineering Journal, 2010, 11, 163-177.	0.8	4