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	Vascular intersection detection in retina fundus images using a new hybrid approach. Computers in Biology and Medicine, 2010, 40, 81-89.	7.0	46
2	Unmanned Aerial Vehicle (UAV) applications in coastal zone management—a review. Environmental Monitoring and Assessment, 2021, 193, 154.	2.7	35
3	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
4	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
5	Incorporating Intelligence in Fish Feeding System for Dispensing Feed Based on Fish Feeding Intensity. IEEE Access, 2020, 8, 91948-91960.	4.2	20
6	Performance Analysis of ANN based YCbCr Skin Detection Algorithm. Procedia Engineering, 2012, 41, 1183-1189.	1.2	19
7	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
8	A novel signal diagnosis technique using pseudo complex-valued autoregressive technique. Expert Systems With Applications, 2011, 38, 9063-9069.	7.6	15
9	Application of artificial neural network modeling techniques to signal strength computation. Heliyon, 2021, 7, e06047.	3.2	14
10	Handover in Hybrid LiFi and WiFi Networks. , 2019, , .		11
11	Frequency Based Hysteresis Compensation for Piezoelectric Tube Scanner using Artificial Neural Networks. Procedia Engineering, 2012, 41, 757-763.	1.2	10
12	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
13	Development of multiple mobile networks call detailed records and its forensic analysis. Digital Communications and Networks, 2019, 5, 256-265.	5.0	9
14	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
15	Development of Handover Decision Algorithms in Hybrid Li-Fi and Wi-Fi Networks. , 2020, , .		8
16	A Survey of Modulation Schemes in Visible Light Communications. , 2019, , .		7
17	A Novel Hybrid Artificial Intelligence Technique for Colpitts Oscillator Design. Journal of Control, Automation and Electrical Systems, 2014, 25, 10-21.	2.0	6
18	Analysis of transient multiexponential signals using cepstral deconvolution. Applied and Computational Harmonic Analysis, 2010, 29, 88-96.	2.2	5

#	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	RETINA FUNDUS IMAGE MASK GENERATION USING PSEUDO PARAMETRIC MODELING TECHNIQUE. IIUM Engineering Journal, 2010, 11, 163-177.	0.8	4
21	A discriminant analysis-based automatic ordered statistics scheme for radar systems. Physical Communication, 2020, 43, 101215.	2.1	3
22	Electromyography (EMG)-based thump-tip force estimation for prosthetic thumb. , 2012, , .		2
23	Performance evaluation of some rain rate conversion models for microwave propagation studies. Advances in Space Research, 2021, 67, 3098-3105.	2.6	2
24	Hybrid Multipulse Amplitude and Position Modulation for Optical Wireless Communication System. , 2019, , .		1
25	Review of Handover in Li-Fi and Wi-Fi Networks. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 955-964.	0.7	1
26	Nonstationary signal reconstruction from TVAR coefficients. , 2017, , .		0
27	Intelligence Security Check System Using Face Recognition Algorithm: A Review. , 2019, , .		0