

Salah I Yahya

List of Publications by Citations

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45
papers

83
citations

5
h-index

7
g-index

60
ext. papers

111
ext. citations

1.3
avg, IF

3.77
L-index

#	Paper	IF	Citations
45	Estimation of kinematic viscosity of biodiesel-diesel blends: Comparison among accuracy of intelligent and empirical paradigms. <i>Renewable Energy</i> , 2021 , 177, 318-326	8	15
44	Design of a novel wideband microstrip diplexer using artificial neural network. <i>Analog Integrated Circuits and Signal Processing</i> , 2019 , 101, 57-66	1.2	8
43	A novel microstrip diplexer with compact size and high isolation for GSM applications. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 114, 153018	2.7	8
42	Forecasting of water thermal conductivity enhancement by adding nano-sized alumina particles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1791-1800	4	6
41	Anticipated Impact of Hand-Hold Position on the Electromagnetic Interaction of Different Antenna Types/Positions and a Human in Cellular Communications. <i>International Journal of Antennas and Propagation</i> , 2008 , 2008, 1-22	1.1	5
40	A Novel Cellular Handset Design for an Enhanced Antenna Performance and a Reduced SAR in the Human Head. <i>International Journal of Antennas and Propagation</i> , 2008 , 2008, 1-10	1.1	5
39	Design and Fabrication of a Novel Compact Low-loss Microstrip Diplexer for WCDMA and WiMAX Applications. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2019 , 18, 482-491	0.7	5
38	An alternative test for evaluating transformer-oil deterioration using microwaves		3
37	Image Segmentation Using Membrane Computing: A Literature Survey. <i>Communications in Computer and Information Science</i> , 2016 , 314-335	0.3	2
36	A novel miniaturized microstrip lowpass-bandpass diplexer using patch and interdigital cells for wireless networks. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 126, 153404	2.7	2
35	Design of a low-loss microstrip diplexer with a compact size based on coupled meandrous open-loop resonators. <i>Analog Integrated Circuits and Signal Processing</i> , 2020 , 102, 579-584	1.2	2
34	A low-loss four-channel microstrip diplexer for wideband multi-service wireless applications. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 133, 153670	2.7	2
33	Tissue-like P system for Segmentation of 2D Hexagonal Images. <i>ARO-the Scientific Journal of Koya University</i> , 2016 , 4, 35-42	0.3	2
32	High-Performance Ultra-Compact Dual-Band Bandpass Filter for Global System for Mobile Communication-850/Global System for Mobile Communication-1900 Applications. <i>ARO-the Scientific Journal of Koya University</i> , 2019 , 7, 34-37	0.3	2
31	Design and Performance of Microstrip Diplexers: A Review. <i>ARO-the Scientific Journal of Koya University</i> , 2020 , 8, 38-49	0.3	2
30	High Resolution Numerical Modelling of In-Vehicle Mobile Calls. <i>International Journal of Electromagnetics and Applications</i> , 2015 , 5, 66-72		3
29	Factors Influencing the EM Interaction between Mobile Phone Antennas and Human Head. <i>Communications in Computer and Information Science</i> , 2011 , 106-120	0.3	2

28	Numerical dosimetry of CDMA/GSM, DCS/PCS and 3G signal jammers. <i>IET Microwaves, Antennas and Propagation</i> , 2016 , 10, 827-835	1.5	2
27	A very compact microstrip diplexer fabrication with superior performance for broadband wireless applications. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 2871-2880	1.2	1
26	Design and fabrication of a high-performance microstrip multiplexer using computational intelligence for multi-band RF wireless communications systems. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 120, 153190	2.7	1
25	The use of artificial neural network to design and fabricate one of the most compact microstrip diplexers for broadband L-band and S-band wireless applications. <i>Wireless Networks</i> , 2021 , 27, 663-676	2.4	1
24	A New ANFIS-based Hybrid Method in the Design and Fabrication of a High-performance Novel Microstrip Diplexer for Wireless Applications. <i>Journal of Circuits, Systems and Computers</i> , 2250050	0.8	1
23	Anticipated Impact of In-Car Mobile Calls on the Electromagnetic Interaction of Handset Antenna and Human. <i>ARO-the Scientific Journal of Koya University</i> , 2014 , 2, 1-10	0.3	1
22	Design of a Broadband Stacked Rectangular MPA with Shorting Pins for GSM-Family and Other Cellular Applications 2007 ,		1
21			1
20	Design and Fabrication of a Compact Branch-Line Coupler Using Resonators with Wide Harmonics Suppression Band. <i>Electronics (Switzerland)</i> , 2022 , 11, 793	2.5	1
19	A COMPACT MICROSTRIP TRIPLEXER WITH A NOVEL STRUCTURE USING PATCH AND SPIRAL CELLS FOR WIRELESS COMMUNICATION APPLICATIONS. <i>Progress in Electromagnetics Research Letters</i> , 2019 , 86, 73-81	0.4	1
18	Determination of biodiesel purity through feature mapping to the multi-dimensional space by the LS-SVM approach. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 145, 1739-1750	4	0
17	A Sustainable Paperless Online System (SPOS) for Engineering Quality in Teaching: Koya University as a Case Study. <i>ARO-the Scientific Journal of Koya University</i> , 2015 , 3, 1-13	0.3	0
16	Membrane Computing for Real Medical Image Segmentation. <i>ARO-the Scientific Journal of Koya University</i> , 2018 , 6, 27	0.3	0
15	Compact wide stopband microstrip diplexer with flat channels for WiMAX and wireless applications. <i>IET Circuits, Devices and Systems</i> , 2020 , 14, 846-852	1.1	
14	Design and Fabrication of a Novel Ultra Compact Microstrip Diplexer Using Interdigital and Spiral Cells. <i>ARO-the Scientific Journal of Koya University</i> , 2021 , 9, 103-108	0.3	
13	Design and Analysis of a Wide Stopband Microstrip Dual-band Bandpass Filter. <i>ARO-the Scientific Journal of Koya University</i> , 2021 , 9, 83-90	0.3	
12	Designing high-performance microstrip quad-band bandpass filters (for multi-service communication systems): a novel method based on artificial neural networks. <i>Neural Computing and Applications</i> , 1	4.6	
11	Skin Temperature Distribution over Human Head Due to Handheld Mobile Phone Call using Thermal Imaging Camera. <i>ARO-the Scientific Journal of Koya University</i> , 2019 , 7, 63-68	0.3	

10	An Area-efficient Microstrip Diplexer with a Novel Structure and Low Group Delay for Microwave Wireless Applications. <i>ARO-the Scientific Journal of Koya University</i> , 2020 , 8, 71-77	0.3
9	Design and fabrication of a compact microstrip triplexer for wimax and wireless applications. <i>Engineering Review</i> , 2020 , 41, 85-91	0.2
8	Reduction of the EM Backscattering for Frequency-Independent Stealth Coating. <i>SSRG International Journal of Engineering Trends and Technology</i> , 2015 , 20, 21-26	0.1
7	Numerical Computation of the Combined Specific Absorption Rates Induced in Human Head due to Multiple Independent Sources. <i>International Journal of Electromagnetics and Applications</i> , 2015 , 5, 73-79	
6	Three-dimensional Image Segmentation using Tissue-like P System. <i>ARO-the Scientific Journal of Koya University</i> , 2017 , 5, 67-74	0.3
5	Guidance for Authors Preparing Manuscripts for UKH journals1-3	
4	Standard Operating Procedure (SOP): Submitting Manuscripts to the UKH Journals1-2	
3	Policy and Guidance for Academic Publications1-8	
2	Transcranial Magnetic Stimulation: A New Coil Form for Deep Brain Stimulation. <i>UKH Journal of Science and Engineering</i> , 2017 , 1, 1-3	0.2
1	Measuring the Voice Resemblance Extent of Identical (Monozygotic) Twins Using Voiceprints Neutrosophic Domain. <i>ARO-the Scientific Journal of Koya University</i> , 2022 , 10, 57-62	0.3