

Salah I Yahya

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

219
citations

1306789

7
h-index

1199166

12
g-index

60
all docs

60
docs citations

60
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of kinematic viscosity of biodiesel-diesel blends: Comparison among accuracy of intelligent and empirical paradigms. <i>Renewable Energy</i> , 2021, 177, 318-326.	4.3	29
2	Design of a novel wideband microstrip diplexer using artificial neural network. <i>Analog Integrated Circuits and Signal Processing</i> , 2019, 101, 57-66.	0.9	16
3	Forecasting of water thermal conductivity enhancement by adding nano-sized alumina particles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 1791-1800.	2.0	16
4	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.	0.7	14
5	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.	1.7	13
6	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.	0.7	9
7	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.	2.0	8
8	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.	0.4	8
9	Design and Fabrication of a Compact Branch-Line Coupler Using Resonators with Wide Harmonics Suppression Band. <i>Electronics (Switzerland)</i> , 2022, 11, 793.	1.8	8
10	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.	1.7	7
11	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.	1.7	6
12	High Resolution Numerical Modelling of In-Vehicle Mobile Calls. <i>International Journal of Electromagnetics and Applications</i> , 2015, 5, 66-72.	0.1	5
13	Image Segmentation Using Membrane Computing: A Literature Survey. <i>Communications in Computer and Information Science</i> , 2016, , 314-335.	0.4	4
14	Compact wide stopband microstrip diplexer with flat channels for WiMAX and wireless applications. <i>IET Circuits, Devices and Systems</i> , 2020, 14, 846-852.	0.9	4
15	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.	0.9	4
16	Design and Performance of Microstrip Diplexers: A Review. <i>ARO-the Scientific Journal of Koya University</i> , 2020, 8, 38-49.	0.2	4
17	Design and fabrication of a compact microstrip triplexer for wimax and wireless applications. <i>Engineering Review</i> , 2020, 41, 85-91.	0.2	4
18	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.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Electromagnetic hazard mitigation in mobile telephones. , 1999, , .		3
20	An alternative test for evaluating transformer-oil deterioration using microwaves. , 0, , .		3
21	Sensitivity improvement of the digital differential relay for internal ground fault protection in the power transformer with tap changer. , 0, , .		3
22	A Novel Multi-Wideband Antenna Using a 3-D Multi-Branch Monopole Structure for GSM-Family and Other Cellular Applications. , 2007, , .		3
23	A very compact microstrip diplexer fabrication with superior performance for broadband wireless applications. Microwave and Optical Technology Letters, 2020, 62, 2871-2880.	0.9	3
24	Anticipated Impact of In-Car Mobile Calls on the Electromagnetic Interaction of Handset Antenna and Human. ARO-the Scientific Journal of Koya University, 2014, 2, 1-10.	0.2	3
25	High-Performance Ultra-Compact Dual-Band Bandpass Filter for Global System for Mobile Communication-850/Global System for Mobile Communication-1900 Applications. ARO-the Scientific Journal of Koya University, 2019, 7, 34-37.	0.2	3
26	A multi-level gauging system for crude oil settling mass tanks using a one-port time-domain technique. , 2012, , .		3
27	Triple-frequency operation for a hand-set mobile telephone with reduced EMW hazard. , 0, , .		2
28	Numerical dosimetry of CDMA/GSM, DCS/PCS and 3G signal jammers. IET Microwaves, Antennas and Propagation, 2016, 10, 827-835.	0.7	2
29	A novel miniaturized microstrip lowpass-bandpass diplexer using patch and interdigital cells for wireless networks. AEU - International Journal of Electronics and Communications, 2020, 126, 153404.	1.7	2
30	Determination of biodiesel purity through feature mapping to the multi-dimensional space by the LS-SVM approach. Journal of Thermal Analysis and Calorimetry, 2021, 145, 1739-1750.	2.0	2
31	Design and Fabrication of a Novel Ultra Compact Microstrip Diplexer Using Interdigital and Spiral Cells. ARO-the Scientific Journal of Koya University, 2021, 9, 103-108.	0.2	2
32	A New ANFIS-based Hybrid Method in the Design and Fabrication of a High-performance Novel Microstrip Diplexer for Wireless Applications. Journal of Circuits, Systems and Computers, 0, , 2250050.	1.0	2
33	A Sustainable Paperless Online System (SPOS) for Engineering Quality in Teaching: Koya University as a Case Study. ARO-the Scientific Journal of Koya University, 2015, 3, 1-13.	0.2	2
34	Tissue-like P system for Segmentation of 2D Hexagonal Images. ARO-the Scientific Journal of Koya University, 2016, 4, 35-42.	0.2	2
35	Membrane Computing for Real Medical Image Segmentation. ARO-the Scientific Journal of Koya University, 2018, 6, 27.	0.2	2
36	Designing high-performance microstrip quad-band bandpass filters (for multi-service communication) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2022, 34, 7507-7521.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Three-element array antenna with triple-frequency operation in mobile telephone. , 0, , .		1
38	The use of a coaxial capacitor as a capacitance sensor for phase percentage determination in multiphase pipelines. , 0, , .		1
39	Stepped and tapered-stepped constructions of a monopole antenna for handset mobile telephones. , 2003, , .		1
40	Design of a Broadband Stacked Rectangular MPA with Shorting Pins for GSM-Family and Other Cellular Applications. , 2007, , .		1
41	Hand implications on the coupling between human head and different cellular phones. , 2009, , .		1
42	Computation of the temperature-rise in the human head due to different mobile phone models. , 2010, , .		1
43	A COMPACT MICROSTRIP TRIPLEXER WITH A NOVEL STRUCTURE USING PATCH AND SPIRAL CELLS FOR WIRELESS COMMUNICATION APPLICATIONS. Progress in Electromagnetics Research Letters, 2019, 86, 73-81.	0.4	1
44	A Novel Harmonic Attenuator Quad-Channel Microstrip Diplexer for Multi-Service Communication Systems. , 2019, , .		1
45	An Area-efficient Microstrip Diplexer with a Novel Structure and Low Group Delay for Microwave Wireless Applications. ARO-the Scientific Journal of Koya University, 2020, 8, 71-77.	0.2	1
46	Multi-wideband antenna using a novel 3-D multi-branch monopole for GSM-family and other cellular applications. , 2007, , .		0
47	Wide Stopband Microstrip Diplexer Using a Novel Configuration for Frequency Division Duplex and GSM-4G Applications. , 2019, , .		0
48	Reduction of the EM Backscattering for Frequency-Independent Stealth Coating. SSRG International Journal of Engineering Trends and Technology, 2015, 20, 21-26.	0.3	0
49	Numerical Computation of the Combined Specific Absorption Rates Induced in Human Head due to Multiple Independent Sources. International Journal of Electromagnetics and Applications, 2015, 5, 73-79.	0.1	0
50	Three-dimensional Image Segmentation using Tissue-like P System. ARO-the Scientific Journal of Koya University, 2017, 5, 67-74.	0.2	0
51	Guidance for Authors Preparing Manuscripts for UKH journals. , 0, , 1-3.		0
52	Standard Operating Procedure (SOP): Submitting Manuscripts to the UKH Journals. , 0, , 1-2.		0
53	Policy and Guidance for Academic Publications. , 0, , 1-8.		0
54	Transcranial Magnetic Stimulation: A New Coil Form for Deep Brain Stimulation. UKH Journal of Science and Engineering, 2017, 1, 1-3.	0.0	0

#	ARTICLE	IF	CITATIONS
55	The Use of Camouflaged Cell Phone Towers for a Quality Urban Environment. UKH Journal of Science and Engineering, 2019, 3, 29-34.	0.0	0
56	Skin Temperature Distribution over Human Head Due to Handheld Mobile Phone Call using Thermal Imaging Camera. ARO-the Scientific Journal of Koya University, 2019, 7, 63-68.	0.2	0
57	Measuring the Voice Resemblance Extent of Identical (Monozygotic) Twins Using Voiceprints Neutrosophic Domain. ARO-the Scientific Journal of Koya University, 2022, 10, 57-62.	0.2	0