

Salah I Yahya

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 |
| 44 | 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 | |
| 43 | 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 |
| 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 | 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 | |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 | |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 | |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | Design and Performance of Microstrip Diplexers: A Review. <i>ARO-the Scientific Journal of Koya University</i> , 2020 , 8, 38-49 | 0.3 | 2 |
| 29 | 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 | |

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| 28 | Design and fabrication of a compact microstrip triplexer for wimax and wireless applications. <i>Engineering Review</i> , 2020 , 41, 85-91 | 0.2 | |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 | |
| 22 | Membrane Computing for Real Medical Image Segmentation. <i>ARO-the Scientific Journal of Koya University</i> , 2018 , 6, 27 | 0.3 | 0 |
| 21 | Three-dimensional Image Segmentation using Tissue-like P System. <i>ARO-the Scientific Journal of Koya University</i> , 2017 , 5, 67-74 | 0.3 | |
| 20 | 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 | |
| 19 | Image Segmentation Using Membrane Computing: A Literature Survey. <i>Communications in Computer and Information Science</i> , 2016 , 314-335 | 0.3 | 2 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | High Resolution Numerical Modelling of In-Vehicle Mobile Calls. <i>International Journal of Electromagnetics and Applications</i> , 2015 , 5, 66-72 | | 3 |
| 14 | 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 | |
| 13 | 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 | | |
| 12 | 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 |
| 11 | 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 |

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| 10 | 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 |
| 9 | 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 |
| 8 | Design of a Broadband Stacked Rectangular MPA with Shorting Pins for GSM-Family and Other Cellular Applications 2007 , | | 1 |
| 7 | 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 |
| 6 | | | 1 |
| 5 | An alternative test for evaluating transformer-oil deterioration using microwaves | | 3 |
| 4 | 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 | |
| 3 | Guidance for Authors Preparing Manuscripts for UKH journals 1-3 | | |
| 2 | Standard Operating Procedure (SOP): Submitting Manuscripts to the UKH Journals 1-2 | | |
| 1 | Policy and Guidance for Academic Publications 1-8 | | |