

# Zahriladha bin Zakaria

## List of Publications by Year in descending order

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184  
papers

1,395  
citations

516710

16  
h-index

454955

30  
g-index

185  
all docs

185  
docs citations

185  
times ranked

1153  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Gain of UWB Planar Antenna Utilising FSS Reflector for UWB Applications. Computers, Materials and Continua, 2022, 70, 1419-1436.	1.9	14
2	Liquid Permittivity Sensing Using Teeth Gear-Circular Substrate Integrated Waveguide. IEEE Sensors Journal, 2022, 22, 11690-11697.	4.7	7
3	Novel Technique of Gap Waveguide Cavity Resonator Sensor with High Resolution for Liquid Detection. International Journal of Antennas and Propagation, 2022, 2022, 1-10.	1.2	4
4	Broadband Circular Polarised Printed Antennas for Indoor Wireless Communication Systems: A Comprehensive Review. Micromachines, 2022, 13, 1048.	2.9	17
5	Design of triple band antenna for energy harvesting application. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2359-2367.	0.8	0
6	Recent development of planar microwave sensor for material characterization of solid, liquid, and powder: a review. Bulletin of Electrical Engineering and Informatics, 2022, 11, 1911-1918.	0.8	0
7	Electronic bandgap miniaturized UWB antenna for near-field microwave investigation of skin. AIP Advances, 2021, 11, .	1.3	9
8	Review of Recent Microwave Planar Resonator-Based Sensors: Techniques of Complex Permittivity Extraction, Applications, Open Challenges and Future Research Directions. Sensors, 2021, 21, 2267.	3.8	72
9	Microwave Imaging of Breast Skin Utilizing Elliptical UWB Antenna and Reverse Problems Algorithm. Micromachines, 2021, 12, 647.	2.9	10
10	Design of Dual Band Meta-Material Resonator Sensor for Material Characterization. Applied Computational Electromagnetics Society Journal, 2021, 36, 473-478.	0.4	1
11	Localizing and Imaging of Breast Cancer Based on UWB Antenna Sensor Network. , 2021, , .		0
12	Multipoint Detection Technique with the Best Clock Signal Closed-Loop Feedback to Prolong FPGA Performance. Applied Sciences (Switzerland), 2021, 11, 6417.	2.5	0
13	Enhancing Gain for UWB Antennas Using FSS: A Systematic Review. Mathematics, 2021, 9, 3301.	2.2	35
14	Modified Asymmetrical Doherty Power Amplifier Based on Symmetrical Devices for 5G Applications. , 2021, , .		1
15	A survey of mmWave user association mechanisms and spectrum sharing approaches: an overview, open issues and challenges, future research trends. Wireless Networks, 2020, 26, 2487-2514.	3.0	42
16	Enhanced performance of compact 2x2 antenna array with electromagnetic bandgap. Microwave and Optical Technology Letters, 2020, 62, 875-886.	1.4	5
17	ON-OFF Body Ultra-Wideband (UWB) Antenna for Wireless Body Area Networks (WBAN): A Review. IEEE Access, 2020, 8, 150844-150863.	4.2	36
18	A Review on UWB Antenna Sensor for Wireless Body Area Networks. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
19	DESIGN OF COMPACT FILTENNA BASED ON CAPACITOR LOADED SQUARE RING RESONATOR FOR WIRELESS APPLICATIONS. Progress in Electromagnetics Research M, 2020, 96, 21-31.	0.9	9
20	Absorptive filter integrated single pole double throw switch using switchable ring resonator. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22470.	1.2	1
21	A Comprehensive Survey: Benefits, Services, Recent Works, Challenges, Security, and Use Cases for SDN-VANET. IEEE Access, 2020, 8, 91028-91047.	4.2	129
22	Compact Size and High Gain of CPW-fed UWB Strawberry Artistic shaped Printed Monopole Antennas using FSS Single Layer Reflector. IEEE Access, 2020, , 1-1.	4.2	34
23	A compact broadband coplanar waveguide fed circularly polarized printed monopole antenna with asymmetric modified ground plane. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22205.	1.2	4
24	New broadband L-shaped CPW-fed circularly polarized monopole antenna with asymmetric modified ground plane and a couple series-aligning inverted L-shaped strip. AEU - International Journal of Electronics and Communications, 2020, 118, 153139.	2.9	9
25	High gain antenna at 915 MHz for off grid wireless networks. Bulletin of Electrical Engineering and Informatics, 2020, 9, 2449-2454.	0.8	6
26	Enhanced T-Resonator with Blazed Grating for Accurate Powder Material Characterization. , 2020, , .		0
27	High Quality Factor using Nested Complementary Split Ring Resonator for Dielectric Properties of Solids Sample. Applied Computational Electromagnetics Society Journal, 2020, 35, 1222-1227.	0.4	5
28	Joint QoE-based user association and efficient cellâ€‘carrier distribution for enabling fully hybrid spectrum sharing approach in 5G mmWave cellular networks. Wireless Networks, 2019, 25, 5027-5043.	3.0	3
29	Radiation control of microstrip patch antenna by using electromagnetic band gap. AEU - International Journal of Electronics and Communications, 2019, 110, 152835.	2.9	14
30	A Broadband P-Shaped Circularly Polarized Monopole Antenna With a Single Parasitic Strip. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2194-2198.	4.0	20
31	Microfluidic biochemical sensor based on circular SIWâ€‘DMS approach for dielectric characterization application. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21801.	1.2	5
32	Compact Microstrip-Based Textile Antenna for 802.15.6 WBAN-UWB with Full Ground Plane. International Journal of Antennas and Propagation, 2019, 2019, 1-12.	1.2	25
33	Independence and Fairness Analysis of 5G mmWave Operators Utilizing Spectrum Sharing Approach. Mobile Information Systems, 2019, 2019, 1-12.	0.6	4
34	Real Time Microwave Biochemical Sensor Based on Circular SIW Approach for Aqueous Dielectric Detection. Scientific Reports, 2019, 9, 5467.	3.3	51
35	Design of dual-band microstrip patch antenna with right-angle triangular aperture slot for energy transfer application. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21666.	1.2	18
36	Analysis of Circular Substrate Integrated Waveguide for Permittivity of Zingiberaceae Family at 2.45GHz. , 2019, , .		0

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37	A wideband reconfigurable folded planar dipole using MEMS and hybrid polymeric substrates. AEU - International Journal of Electronics and Communications, 2019, 99, 347-353.	2.9	10
38	Dual-band aperture-coupled rectenna for radio frequency energy harvesting. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21651.	1.2	13
39	Determination of solid material permittivity using T-ring resonator for food industry. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 489.	0.8	3
40	Analysis of switching and matching stubs in reconfigurable power divider with SPDT switch function. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 86.	0.8	0
41	A coupled-line balun for ultra-wideband single-balanced diode mixer. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 107.	0.8	0
42	Dual-band aperture coupled antenna with harmonic suppression capability. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 60.	0.8	0
43	2.45 GHz rectenna with high gain for RF energy harvesting. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 107.	0.8	0
44	A novel UWB reconfigurable filtering antenna design with triple band-notched characteristics by using u-shaped coppers. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 267.	0.8	2
45	Parametric studies of ring and parallel coupled line resonators for matched bandstop filter design. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 29.	0.8	0
46	Tunable function of feeding network and SPDT switch for WIMAX application. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 14, 1574.	0.8	0
47	A new energy consumption technique for mobile ad hoc networks. International Journal of Electrical and Computer Engineering, 2019, 9, 4147.	0.7	11
48	A 2.45 GHz Harmonic Suppression Rectangular Patch Antenna with Circular Polarization for Wireless Power Transfer Application. IETE Journal of Research, 2018, 64, 310-316.	2.6	7
49	A Ground Plane of 5x5 Array AMC on a Single Antenna at 28 GHz. , 2018, , .		3
50	Miniaturized Switchable Bandpass to Matched Bandstop Filter Using Stepped-Impedance Resonator. , 2018, , .		3
51	Electronically Tunable Transmission Zeros Bandpass Filter with Notch Response. , 2018, , .		1
52	Complex Permittivity Measurement Based on Planar Microfluidic Resonator Sensor. , 2018, , .		3
53	Dual Circular-Polarized Slot Antenna Design for Wireless MIMO System at 2.4 GHz. , 2018, , .		1
54	Enhanced Design of Reconfigurable Integrated Filter and Antenna Based on Multilayer Approach. , 2018, , .		0

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55	Design of Dual-Band Aperture Coupled Antenna for Energy Harvesting Applications. , 2018, , .		1
56	A Compact Design of Reconfigurable Dual Band-Notched UWB Antenna. , 2018, , .		2
57	A Single Balanced Mixer Using Compact Branch Line Balun for Ultra-Wideband Applications. , 2018, , .		1
58	Data analytics algorithm benchmark on distributed systems. AIP Conference Proceedings, 2018, , .	0.4	0
59	Design of reconfigurable integrated substrate integrated waveguide (SIW) filter and antenna using multilayer approach. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21561.	1.2	8
60	Beam-reconfigurable crescent array antenna with AMC plane. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21467.	1.2	4
61	A Compact Low Noise Amplifier with Defected Microstrip Structure for Ultra-Wideband Communications. , 2018, , .		0
62	Compact UWB Filtering-Antenna with Controllable WLAN Band Rejection Using Defected Microstrip Structure. Radioengineering, 2018, 27, 110-117.	0.6	14
63	Hybrid Microstrip Diplexer Design for Multi-band WiMAX Application in 2.3 and 3.5 GHz Bands. International Journal of Electrical and Computer Engineering, 2018, 8, 576.	0.7	4
64	Adaptive Multi-state Millimeter Wave Cell Selection Scheme for 5G communication. International Journal of Electrical and Computer Engineering, 2018, 8, 2967.	0.7	5
65	Microwave Planar Sensor for Permittivity Determination of Dielectric Materials. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 362.	0.8	13
66	Analysis and Investigation of a Novel Microwave Sensor with High Q-Factor for Oil Sensing. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 1407.	0.8	3
67	Microwave Bandpass Filter Integrated with Notch Response for Wide-band Applications. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 797.	0.8	0
68	A Novel Design of Circularly Polarized Aperture-Coupled Antenna with Harmonic Rejection for Rectenna Application. International Journal on Communications Antenna and Propagation, 2018, 8, 288.	0.3	1
69	Review of Recent Developments in Microwave Power Divider. International Journal on Communications Antenna and Propagation, 2018, 8, 315.	0.3	0
70	Controlling The Radiation Pattern of Patch Antenna Using Switchable EBG. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2014.	0.8	3
71	Mushroom-Like EBG to Improve Patch Antenna Performance For C-Band Satellite Application. International Journal of Electrical and Computer Engineering, 2018, 8, 3875.	0.7	13
72	Design of Wide-band Power Amplifier based on Power Combiner Technique with Low Intermodulation Distortion. International Journal of Electrical and Computer Engineering, 2018, 8, 3504.	0.7	3

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73	Microwave Planar Sensor for Determination of the Permittivity of Dielectric Material. Bulletin of Electrical Engineering and Informatics, 2018, 7, 640-649.	0.8	1
74	Using Alpha-cuts and Constraint Exploration Approach on Quadratic Programming Problem. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2782.	0.8	1
75	Number of Iteration Analysis for Complex FSS Shape Using GA for Efficient ESG. Bulletin of Electrical Engineering and Informatics, 2018, 7, 505-513.	0.8	0
76	Design of Quasi-Elliptic Bandpass Filter for Substrate Integrated Waveguide (SIW) Using Cross Coupling Technique. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 1366.	0.8	2
77	Analysis of the T-Shaped Slot Coupling Integrated SIW Filter and Antenna with Tunable Capabilities. International Journal on Communications Antenna and Propagation, 2018, 8, 461.	0.3	1
78	A Compact Reconfigurable Dual Band-Notched Ultra-Wideband Antenna using Varactor Diodes. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2557.	0.8	0
79	Enhance the Performance of EDCA Protocol by Adapting Contention Window. Wireless Personal Communications, 2017, 96, 1945-1971.	2.7	3
80	High-Efficiency Microwave Planar Resonator Sensor Based on Bridge Split Ring Topology. IEEE Microwave and Wireless Components Letters, 2017, 27, 545-547.	3.2	50
81	Integrated rectifying circuit and antenna design with harmonic rejection for RF energy harvesting. , 2017, , .		2
82	Microfluidic planar resonator sensor with highly precise measurement for microwave applications. , 2017, , .		3
83	Design of 2 $\tilde{A}$ -2 array antenna with harmonic suppression using T-shape DGS and spurline. , 2017, , .		0
84	Selectable multiband isolation of single pole double throw switch using transmission line stub resonator for WiMAX and LTE applications. IET Microwaves, Antennas and Propagation, 2017, 11, 844-851.	1.4	7
85	Design of a dual-notched ultra-wideband (UWB) planar antenna using L-shaped bandstop resonator. , 2017, , .		4
86	High-Q Sensor Based on Symmetrical Split Ring Resonator With Spurlines for Solids Material Detection. IEEE Sensors Journal, 2017, 17, 2766-2775.	4.7	91
87	Dielectric analysis of liquid solvents using microwave resonator sensor for high efficiency measurement. Microwave and Optical Technology Letters, 2017, 59, 367-371.	1.4	18
88	Hybrid triplexer design using microstrip coupled line resonators for multiband WiMAX front end. , 2017, , .		2
89	High gain antenna design and doubler rectifier for microwave power transfer. , 2017, , .		4
90	Efficient feeding geometries for rectenna design at 2.45 $\hat{A}$ GHz. Electronics Letters, 2017, 53, 1585-1587.	1.0	13

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91	Microwave bio-sensor based on symmetrical split ring resonator with spurline filters for therapeutic goods detection. PLoS ONE, 2017, 12, e0185122.	2.5	15
92	FIXED AND SELECTABLE MULTIBAND ISOLATION OF DOUBLE POLE DOUBLE THROW SWITCH USING TRANSMISSION LINE STUB RESONATORS FOR WIMAX AND LTE. Progress in Electromagnetics Research B, 2017, 72, 95-110.	1.0	4
93	A NOVEL RECONFIGURABLE UWB FILTERING-ANTENNA WITH DUAL SHARP BAND NOTCHES USING DOUBLE SPLIT RING RESONATORS. Progress in Electromagnetics Research C, 2017, 79, 185-198.	0.9	18
94	Novel Artificial Magnetic Conductor for 5G Application. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 5, 636.	0.8	5
95	Q-switched Erbium-doped Fiber Laser with a Black Phosphorus Saturable Absorber. Photonics Letters of Poland, 2017, 9, 72.	0.4	11
96	Q-switched fiber laser with tungsten disulfide saturable absorber prepared by drop casting method. Photonics Letters of Poland, 2017, 9, 103.	0.4	1
97	Enhanced Location Estimation Using Relay Station in IMT-Advanced Networks. Advanced Science Letters, 2017, 23, 3995-3999.	0.2	1
98	A Novel of Dual-Band Bandpass Filter Employing Coupled Stepped Impedance Resonator and U-Shaped Defected Microstrip Structure (DMS). International Journal on Communications Antenna and Propagation, 2017, 7, 216.	0.3	2
99	A Review on Monopole and Dipole Antennas for In-Building Coverage Applications. International Journal on Communications Antenna and Propagation, 2017, 7, 386.	0.3	5
100	UWB Filter with Electronically Reconfigurable Band Notch using Defected Microstrip Structure. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 302.	0.8	1
101	A NOVEL MICROWAVE SENSOR WITH HIGH-Q SYMMETRICAL SPLIT RING RESONATOR FOR MATERIAL PROPERTIES MEASUREMENT. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
102	High sensitive microwave sensor based on symmetrical split ring resonator for material characterization. Microwave and Optical Technology Letters, 2016, 58, 2106-2110.	1.4	28
103	Design of double ring resonator (DRR) for material properties measurement. , 2016, , .		6
104	The investigation of the varactor diode as tuning element on reconfigurable antenna. , 2016, , .		3
105	The investigation of reconfigurable SIW filter using varactor diodes. , 2016, , .		2
106	Investigation of symmetrical split ring resonator (SSRR) couplings for high sensitivity material characterization. , 2016, , .		0
107	Integrated low noise amplifier with notch filter using DMS technique for ultra-wideband application. , 2016, , .		2
108	Microstrip planar resonator sensors for accurate dielectric measurement of microfluidic solutions. , 2016, , .		11

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109	Multiband isolation of DPDT switch with switchable transmission line stub resonators for WiMAX and LTE in 2.3 and 3.5 GHz bands. , 2016, , .		0
110	Millimeter-Wave Parasitic AMC Patches on the Array Antenna. , 2016, , .		3
111	A Novel Symmetrical Split Ring Resonator Based on Microstrip for Microwave Sensors. Measurement Science Review, 2016, 16, 21-27.	1.0	13
112	Design of microstrip bandpass filter with electronically tunable notch response. , 2016, , .		5
113	Enhanced Antenna Design for Rectenna Application in the 2.45 GHz ISM Band. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 1338.	0.8	1
114	Rectenna Designs for RF Energy Harvesting System: a Review. International Journal on Communications Antenna and Propagation, 2016, 6, 82.	0.3	8
115	Review of Recent Developments in Filtering-Antennas. International Journal on Communications Antenna and Propagation, 2016, 6, 125.	0.3	5
116	Markov Chain Model and Performance Enhancement for EDCA Protocol. Journal of Communications, 2016, , .	1.6	0
117	Harmonic Suppression Rectangular Patch Antenna with Circularly Polarized. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 471.	0.8	1
118	AUTOMATED DEFORM DETECTION ON AUTOMOTIVE BODY PANELS USING GRADIENT FILTERING AND FUZZY C-MEAN SEGMENTATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
119	Miniaturization of Microwave Bandpass Filter for Wideband Applications. International Journal on Communications Antenna and Propagation, 2016, 6, 239.	0.3	0
120	Integrated Filtering Antenna with High Selectivity Band Rejection for UWB Applications. Przegląd Elektrotechniczny, 2016, 1, 226-230.	0.2	0
121	Analysis of Open Stub Resonator and its Application in Dual Isolation Band of SPDT Switch Design. International Journal of Electrical and Computer Engineering, 2016, 6, 2900.	0.7	0
122	Analysis of Enhanced Distributed Channel Access protocol under non-saturation. , 2015, , .		1
123	Four wave mixing techniques in measuring HNLf. AIP Conference Proceedings, 2015, , .	0.4	1
124	Stacked patch antenna harmonic suppression at 2.45 GHz for wireless power transfer. , 2015, , .		2
125	Microwave fluidic sensor using enhanced coupling peripheral Microstrip split-ring resonator sensor. , 2015, , .		1
126	Tunable notch response for ultra wide-band bandpass filter. , 2015, , .		1



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127	Surface defect detection and Neural Network recognition of automotive body panels. , 2015, , .		10
128	A REVIEW ON RECONFIGURABLE INTEGRATED FILTER AND ANTENNA. Progress in Electromagnetics Research B, 2015, 63, 263-273.	1.0	14
129	Evaluating The Performance for DCF Protocol and EDCA Protocol. Jurnal Teknologi (Sciences and Engineering) Tj ETQq1 1 0.784314 rgBT / Overlo 0.4	0.4	0
130	Design of wide-band bandpass filter with tunable notch response of wireless communication system. , 2015, , .		3
131	Harmonic suppression of symmetrical split ring resonator using double spurlines. , 2015, , .		0
132	A Review on ZigBee Security Enhancement in Smart Home Environment. , 2015, , .		11
133	High Isolation and Absorptive Feature in Single Pole Double Throw (SPDT) Discrete Switch Design Using Switchable Matched Ring Resonator. Advanced Science Letters, 2015, 21, 93-97.	0.2	2
134	New Algorithm to Enhance the Capacity of Enhanced Distributed Channel Access Protocol to Tolerate More Voice Users by Adjusting Contention Window. Advanced Science Letters, 2015, 21, 5-11.	0.2	3
135	Using Markov Chain Model to Evaluate the Performance of EDCA Protocol Under Saturation and Non-Saturation Conditions. International Review on Computers and Software, 2015, 10, 315.	0.1	4
136	Markov Chain Model for EDCA Protocol under Saturation and Non-Saturation Conditions. Journal of Communications, 2015, , .	1.6	1
137	Analysis of Rectifying Circuit to Improve RF-DC Conversion Efficiency for Radio Frequency Energy Harvesting. Advanced Science Letters, 2015, 21, 15-19.	0.2	0
138	A Compact Structure of S-Shape Bandpass Filter for Wideband Applications. Advanced Science Letters, 2015, 21, 39-41.	0.2	1
139	Integrated Power Amplifier and Filter with Low Intermodulation Products for Wireless Communication. Advanced Science Letters, 2015, 21, 36-38.	0.2	0
140	Design of Triple-Stage Cascoded LNA Amplifiers using Inductive Drain Feedback (IDF) Technique for WiMAX Application. International Journal on Electrical Engineering and Informatics, 2015, 7, 175-192.	0.5	1
141	Optical Fiber Bending Detection on Long Distance OPGW using OTDR. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT / Ov 0.8	0.8	4
142	A Technique of Scan Blindness Elimination for Planar Phased Array Antenna using Miniaturized EBG. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	1
143	Intermodulation distortion of Integrated Power Amplifier and filter using single stub tuners for green communication. , 2014, , .		4
144	Analysis of compact quadruple-mode antenna with wide bandwidth. , 2014, , .		2

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145	Compact structure of band-pass filter integrated with Defected Microstrip Structure (DMS) for wideband applications. , 2014, , .		9
146	A compact DMS triple-band bandstop filter with U-slots for communication systems. , 2014, , .		9
147	Bending optical waveguide investigation for electromagnetic field radiation and propagation application. , 2014, , .		0
148	Q-switched thulium-doped fiber laser operating at 1920 nm region with multiwalled carbon nanotubes embedded in polyvinyl alcohol. Microwave and Optical Technology Letters, 2014, 56, 2817-2819.	1.4	8
149	Robust Nonlinear H <sup>∞</sup> State Feedback Control of Polynomial Discrete-Time Systems: An Integrator Approach. Circuits, Systems, and Signal Processing, 2014, 33, 331-346.	2.0	8
150	Enhanced location estimation with a single base station in WiMAX network. , 2014, , .		3
151	Suspended Stripline Structure (SSS) Microwave Bandpass Filter with Defected Stripline Structure (DSS). Advanced Science Letters, 2014, 20, 469-472.	0.2	5
152	Optimization Analysis of Quad-Ridged Ultra Wideband Horn Antenna for Performance Improvement. Advanced Science Letters, 2014, 20, 381-385.	0.2	0
153	A Computational Electromagnetic of Propagation on Human Skin Cell. Advanced Science Letters, 2014, 20, 464-468.	0.2	0
154	Bending Waveguide Modeling for Light Trapping Into Optical Fiber. Advanced Science Letters, 2014, 20, 412-417.	0.2	1
155	Design of Generalized Chebyshev Microwave Bandpass Filter Based on Suspended Stripline Structure (SSS). Advanced Science Letters, 2014, 20, 460-463.	0.2	2
156	New Technique to Enhance Quality of Service Support for Real Time Applications in EDCA Protocol. International Review on Computers and Software, 2014, 9, 541.	0.1	2
157	Investigation of Wave Propagation to PV-Solar Panel Due to Lightning Induced Overvoltage. Telekomnika (Telecommunication Computing Electronics and Control), 2014, 12, 47.	0.8	0
158	Development of Resistive Random Access Memory Simulation Model for Defect Analysis and Testing. Advanced Science Letters, 2014, 20, 1745-1750.	0.2	0
159	Comparative Analysis of Compact Defected Microstrip Structure (DMS) with Band-Reject Characteristics. Advanced Science Letters, 2014, 20, 1910-1913.	0.2	4
160	Improved Location and Positioning in WiMAX Networks with Virtual Multiple Input Multiple Output Base Stations. Advanced Science Letters, 2014, 20, 1846-1850.	0.2	0
161	Design of Antenna with Rectifying Circuit for Low Power Wireless Sensor Network Application. Advanced Science Letters, 2014, 20, 1788-1792.	0.2	0
162	Investigation of dual and triple meander slot to microstrip patch antenna. , 2013, , .		13

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163	EDFA-WDM Optical Network Design System. <i>Procedia Engineering</i> , 2013, 53, 294-302.	1.2	28
164	A novel technique of controlling signal propagation within array elements using switchable miniaturized electromagnetic band gap. , 2013, , .		0
165	Utilising MIMO for positioning in mobile WiMAX systems. , 2013, , .		1
166	The Integration of Rectangular SIW Filter and Microstrip Patch Antenna based on Cascaded Approach. <i>Procedia Engineering</i> , 2013, 53, 347-353.	1.2	5
167	Dual-band monopole antenna for energy harvesting system. , 2013, , .		22
168	Design of generalized Chebyshev lowpass filter with Defected Stripline Structure (DSS). , 2013, , .		2
169	Transformation of generalized chebyshev lowpass filter prototype to Suspended Stripline Structure highpass filter for wideband communication systems. , 2013, , .		6
170	Investigation of meander slots to microstrip patch antenna. , 2013, , .		4
171	Design of wideband antenna for RF energy harvesting system. , 2013, , .		12
172	A parametric study on dual-band meander line monopole antenna for RF energy harvesting. , 2013, , .		7
173	Designing halfring artificial magnetic conductor for RFID application. , 2013, , .		4
174	Isolation improvement of SPDT discrete switch with single switchable open stub resonator at 2 GHz band. , 2012, , .		8
175	Rectangular microstrip patch antenna based on resonant circuit approach. , 2012, , .		11
176	Simulation of virtual MIMO base stations for mobile location in IMT-Advanced networks. , 2012, , .		4
177	Microwave filter and antenna for wireless communication systems. , 2012, , .		5
178	Design of low-loss coaxial cavity bandpass filter with post-manufacturing tuning capabilities. , 2012, , .		8
179	Design of integrated rectangular SIW filter and microstrip patch antenna. , 2012, , .		6
180	Design of reconfigurable defected ground structure (DGS) for UWB application. , 2012, , .		18

#	ARTICLE	IF	CITATIONS
181	Design of SIW bandpass filter with 6 dB offset. , 2011, , .		10
182	Design of coaxial resonator filter with nonuniform dissipation. , 2008, , .		5
183	Mobile prayer times and Qiblat direction using GPS. , 2007, , .		2
184	In-Flight Prayer Times and Qiblat Direction - A Preliminary Study. , 2006, , .		4