

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	A Comprehensive Survey: Benefits, Services, Recent Works, Challenges, Security, and Use Cases for SDN-VANET. IEEE Access, 2020, 8, 91028-91047.	4.2	129
2	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
3	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
4	Real Time Microwave Biochemical Sensor Based on Circular SIW Approach for Aqueous Dielectric Detection. Scientific Reports, 2019, 9, 5467.	3.3	51
5	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
6	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
7	ON-OFF Body Ultra-Wideband (UWB) Antenna for Wireless Body Area Networks (WBAN): A Review. IEEE Access, 2020, 8, 150844-150863.	4.2	36
8	Enhancing Gain for UWB Antennas Using FSS: A Systematic Review. Mathematics, 2021, 9, 3301.	2.2	35
9	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
10	EDFA-WDM Optical Network Design System. Procedia Engineering, 2013, 53, 294-302.	1.2	28
11	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
12	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
13	Dual-band monopole antenna for energy harvesting system. , 2013, , .		22
14	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
15	Design of reconfigurable defected ground structure (DGS) for UWB application. , 2012, , .		18
16	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
17	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
18	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

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19	Broadband Circular Polarised Printed Antennas for Indoor Wireless Communication Systems: A Comprehensive Review. <i>Micromachines</i> , 2022, 13, 1048.	2.9	17
20	Microwave bio-sensor based on symmetrical split ring resonator with spurline filters for therapeutic goods detection. <i>PLoS ONE</i> , 2017, 12, e0185122.	2.5	15
21	A REVIEW ON RECONFIGURABLE INTEGRATED FILTER AND ANTENNA. <i>Progress in Electromagnetics Research B</i> , 2015, 63, 263-273.	1.0	14
22	Compact UWB Filtering-Antenna with Controllable WLAN Band Rejection Using Defected Microstrip Structure. <i>Radioengineering</i> , 2018, 27, 110-117.	0.6	14
23	Radiation control of microstrip patch antenna by using electromagnetic band gap. <i>AEU - International Journal of Electronics and Communications</i> , 2019, 110, 152835.	2.9	14
24	High Gain of UWB Planar Antenna Utilising FSS Reflector for UWB Applications. <i>Computers, Materials and Continua</i> , 2022, 70, 1419-1436.	1.9	14
25	Investigation of dual and triple meander slot to microstrip patch antenna. , 2013, , .		13
26	A Novel Symmetrical Split Ring Resonator Based on Microstrip for Microwave Sensors. <i>Measurement Science Review</i> , 2016, 16, 21-27.	1.0	13
27	Efficient feeding geometries for rectenna design at 2.45 GHz. <i>Electronics Letters</i> , 2017, 53, 1585-1587.	1.0	13
28	Dual-band aperture-coupled rectenna for radio frequency energy harvesting. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21651.	1.2	13
29	Microwave Planar Sensor for Permittivity Determination of Dielectric Materials. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 11, 362.	0.8	13
30	Mushroom-Like EBG to Improve Patch Antenna Performance For C-Band Satellite Application. <i>International Journal of Electrical and Computer Engineering</i> , 2018, 8, 3875.	0.7	13
31	Design of wideband antenna for RF energy harvesting system. , 2013, , .		12
32	Rectangular microstrip patch antenna based on resonant circuit approach. , 2012, , .		11
33	A Review on ZigBee Security Enhancement in Smart Home Environment. , 2015, , .		11
34	Microstrip planar resonator sensors for accurate dielectric measurement of microfluidic solutions. , 2016, , .		11
35	Q-switched Erbium-doped Fiber Laser with a Black Phosphorus Saturable Absorber. <i>Photonics Letters of Poland</i> , 2017, 9, 72.	0.4	11
36	A new energy consumption technique for mobile ad hoc networks. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 4147.	0.7	11

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37	Design of SIW bandpass filter with 6 dB offset. , 2011, , .		10
38	Surface defect detection and Neural Network recognition of automotive body panels. , 2015, , .		10
39	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
40	Microwave Imaging of Breast Skin Utilizing Elliptical UWB Antenna and Reverse Problems Algorithm. Micromachines, 2021, 12, 647.	2.9	10
41	Compact structure of band-pass filter integrated with Defected Microstrip Structure (DMS) for wideband applications. , 2014, , .		9
42	A compact DMS triple-band bandstop filter with U-slots for communication systems. , 2014, , .		9
43	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
44	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
45	Electronic bandgap miniaturized UWB antenna for near-field microwave investigation of skin. AIP Advances, 2021, 11, .	1.3	9
46	Isolation improvement of SPDT discrete switch with single switchable open stub resonator at 2 GHz band. , 2012, , .		8
47	Design of low-loss coaxial cavity bandpass filter with post-manufacturing tuning capabilities. , 2012, , .		8
48	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
49	Robust Nonlinear H [∞] State Feedback Control of Polynomial Discrete-Time Systems: An Integrator Approach. Circuits, Systems, and Signal Processing, 2014, 33, 331-346.	2.0	8
50	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
51	Rectenna Designs for RF Energy Harvesting System: a Review. International Journal on Communications Antenna and Propagation, 2016, 6, 82.	0.3	8
52	A parametric study on dual-band meander line monopole antenna for RF energy harvesting. , 2013, , .		7
53	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
54	A 2.45GHz Harmonic Suppression Rectangular Patch Antenna with Circular Polarization for Wireless Power Transfer Application. IETE Journal of Research, 2018, 64, 310-316.	2.6	7

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55	A Review on UWB Antenna Sensor for Wireless Body Area Networks. , 2020, , .		7
56	Liquid Permittivity Sensing Using Teeth Gear-Circular Substrate Integrated Waveguide. IEEE Sensors Journal, 2022, 22, 11690-11697.	4.7	7
57	Design of integrated rectangular SIW filter and microstrip patch antenna. , 2012, , .		6
58	Transformation of generalized chebyshev lowpass filter prototype to Suspended Stripline Structure highpass filter for wideband communication systems. , 2013, , .		6
59	Design of double ring resonator (DRR) for material properties measurement. , 2016, , .		6
60	2.45 GHz rectenna with high gain for RF energy harvesting. Telkomnika (Telecommunication Computing) Tj ETQq0 0.0 rgBT /Overlock 1	0.8	6
61	High gain antenna at 915 MHz for off grid wireless networks. Bulletin of Electrical Engineering and Informatics, 2020, 9, 2449-2454.	0.8	6
62	Design of coaxial resonator filter with nonuniform dissipation. , 2008, , .		5
63	Microwave filter and antenna for wireless communication systems. , 2012, , .		5
64	The Integration of Rectangular SIW Filter and Microstrip Patch Antenna based on Cascaded Approach. Procedia Engineering, 2013, 53, 347-353.	1.2	5
65	Design of microstrip bandpass filter with electronically tunable notch response. , 2016, , .		5
66	Microfluidic biochemical sensor based on circular SIWâ€œDMS approach for dielectric characterization application. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21801.	1.2	5
67	Enhanced performance of compact 2â€œ2 antenna array with electromagnetic bandâ€œgap. Microwave and Optical Technology Letters, 2020, 62, 875-886.	1.4	5
68	Adaptive Multi-state Millimeter Wave Cell Selection Scheme for 5G communication. International Journal of Electrical and Computer Engineering, 2018, 8, 2967.	0.7	5
69	Novel Artificial Magnetic Conductor for 5G Application. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 5, 636.	0.8	5
70	Suspended Stripline Structure (SSS) Microwave Bandpass Filter with Defected Stripline Structure (DSS). Advanced Science Letters, 2014, 20, 469-472.	0.2	5
71	Review of Recent Developments in Filtering-Antennas. International Journal on Communications Antenna and Propagation, 2016, 6, 125.	0.3	5
72	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

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73	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
74	In-Flight Prayer Times and Qiblat Direction - A Preliminary Study. , 2006, , .		4
75	Simulation of virtual MIMO base stations for mobile location in IMT-Advanced networks. , 2012, , .		4
76	Investigation of meander slots to microstrip patch antenna. , 2013, , .		4
77	Designing halfring artificial magnetic conductor for RFID application. , 2013, , .		4
78	Intermodulation distortion of Integrated Power Amplifier and filter using single stub tuners for green communication. , 2014, , .		4
79	Design of a dual-notched ultra-wideband (UWB) planar antenna using L-shaped bandstop resonator. , 2017, , .		4
80	High gain antenna design and doubler rectifier for microwave power transfer. , 2017, , .		4
81	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
82	Beam-reconfigurable crescent array antenna with AMC plane. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21467.	1.2	4
83	Independence and Fairness Analysis of 5G mmWave Operators Utilizing Spectrum Sharing Approach. Mobile Information Systems, 2019, 2019, 1-12.	0.6	4
84	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
85	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
86	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
87	Comparative Analysis of Compact Defected Microstrip Structure (DMS) with Band-Reject Characteristics. Advanced Science Letters, 2014, 20, 1910-1913.	0.2	4
88	Optical Fiber Bending Detection on Long Distance OPGW using OTDR. Telkomnika (Telecommunication) Tj ETQq0 0.0 rgBT /Qverlock 10		4
89	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
90	Enhanced location estimation with a single base station in WiMAX network. , 2014, , .		3

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91	Design of wide-band bandpass filter with tunable notch response of wireless communication system. , 2015, , .		3
92	The investigation of the varactor diode as tuning element on reconfigurable antenna. , 2016, , .		3
93	Millimeter-Wave Parasitic AMC Patches on the Array Antenna. , 2016, , .		3
94	Enhance the Performance of EDCA Protocol by Adapting Contention Window. Wireless Personal Communications, 2017, 96, 1945-1971.	2.7	3
95	Microfluidic planar resonator sensor with highly precise measurement for microwave applications. , 2017, , .		3
96	A Ground Plane of 5 \tilde{A} —5 Array AMC on a Single Antenna at 28 GHz. , 2018, , .		3
97	Miniaturized Switchable Bandpass to Matched Bandstop Filter Using Stepped-Impedance Resonator. , 2018, , .		3
98	Complex Permittivity Measurement Based on Planar Microfluidic Resonator Sensor. , 2018, , .		3
99	Joint QoE-based user association and efficient cell \tilde{e} carrier distribution for enabling fully hybrid spectrum sharing approach in 5G mmWave cellular networks. Wireless Networks, 2019, 25, 5027-5043.	3.0	3
100	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
101	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
102	Controlling The Radiation Pattern of Patch Antenna Using Switchable EBG. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2014.	0.8	3
103	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
104	Determination of solid material permittivity using T-ring resonator for food industry. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 489.	0.8	3
105	Mobile prayer times and Qiblat direction using GPS. , 2007, , .		2
106	Design of generalized Chebyshev lowpass filter with Defected Stripline Structure (DSS). , 2013, , .		2
107	Analysis of compact quadruple-mode antenna with wide bandwidth. , 2014, , .		2
108	Stacked patch antenna harmonic suppression at 2.45 GHz for wireless power transfer. , 2015, , .		2

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109	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
110	The investigation of reconfigurable SIW filter using varactor diodes. , 2016, , .		2
111	Integrated low noise amplifier with notch filter using DMS technique for ultra-wideband application. , 2016, , .		2
112	Integrated rectifying circuit and antenna design with harmonic rejection for RF energy harvesting. , 2017, , .		2
113	Hybrid triplexer design using microstrip coupled line resonators for multiband WiMAX front end. , 2017, , .		2
114	A Compact Design of Reconfigurable Dual Band-Notched UWB Antenna. , 2018, , .		2
115	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
116	Design of Generalized Chebyshev Microwave Bandpass Filter Based on Suspended Stripline Structure (SSS). Advanced Science Letters, 2014, 20, 460-463.	0.2	2
117	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
118	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
119	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
120	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
121	Utilising MIMO for positioning in mobile WiMAX systems. , 2013, , .		1
122	A Technique of Scan Blindness Elimination for Planar Phased Array Antenna using Miniaturized EBG. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	1
123	Analysis of Enhanced Distributed Channel Access protocol under non-saturation. , 2015, , .		1
124	Four wave mixing techniques in measuring HNFL. AIP Conference Proceedings, 2015, , .	0.4	1
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	Electronically Tunable Transmission Zeros Bandpass Filter with Notch Response. , 2018, , .		1
128	Dual Circular-Polarized Slot Antenna Design for Wireless MIMO System at 2.4 GHz. , 2018, , .		1
129	Design of Dual-Band Aperture Coupled Antenna for Energy Harvesting Applications. , 2018, , .		1
130	A Single Balanced Mixer Using Compact Branch Line Balun for Ultra-Wideband Applications. , 2018, , .		1
131	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
132	Design of Dual Band Meta-Material Resonator Sensor for Material Characterization. Applied Computational Electromagnetics Society Journal, 2021, 36, 473-478.	0.4	1
133	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
134	Q-switched fiber laser with tungsten disulfide saturable absorber prepared by drop casting method. Photonics Letters of Poland, 2017, 9, 103.	0.4	1
135	Bending Waveguide Modeling for Light Trapping Into Optical Fiber. Advanced Science Letters, 2014, 20, 412-417.	0.2	1
136	Markov Chain Model for EDCA Protocol under Saturation and Non-Saturation Conditions. Journal of Communications, 2015, , .	1.6	1
137	A Compact Structure of S-Shape Bandpass Filter for Wideband Applications. Advanced Science Letters, 2015, 21, 39-41.	0.2	1
138	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
139	Harmonic Suppression Rectangular Patch Antenna with Circularly Polarized. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 471.	0.8	1
140	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
141	Enhanced Location Estimation Using Relay Station in IMT-Advanced Networks. Advanced Science Letters, 2017, 23, 3995-3999.	0.2	1
142	UWB Filtenna with Electronically Reconfigurable Band Notch using Defected Microstrip Structure. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 302.	0.8	1
143	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
144	Microwave Planar Sensor for Determination of the Permittivity of Dielectric Material. Bulletin of Electrical Engineering and Informatics, 2018, 7, 640-649.	0.8	1

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145	Using Alpha-cuts and Constraint Exploration Approach on Quadratic Programming Problem. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2782.	0.8	1
146	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
147	Modified Asymmetrical Doherty Power Amplifier Based on Symmetrical Devices for 5G Applications. , 2021, , .		1
148	A novel technique of controlling signal propagation within array elements using switchable miniaturized electromagnetic band gap. , 2013, , .		0
149	Bending optical waveguide investigation for electromagnetic field radiation and propagation application. , 2014, , .		0
150	Evaluating The Performance for DCF Protocol and EDCA Protocol. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 .	0.4	0
151	Harmonic suppression of symmetrical split ring resonator using double spurlines. , 2015, , .		0
152	Investigation of symmetrical split ring resonator (SSRR) couplings for high sensitivity material characterization. , 2016, , .		0
153	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
154	Design of 2 \tilde{A} –2 array antenna with harmonic suppression using T-shape DGS and spurline. , 2017, , .		0
155	Enhanced Design of Reconfigurable Integrated Filter and Antenna Based on Multilayer Approach. , 2018, , .		0
156	Data analytics algorithm benchmark on distributed systems. AIP Conference Proceedings, 2018, , .	0.4	0
157	A Compact Low Noise Amplifier with Defected Microstrip Structure for Ultra-Wideband Communications. , 2018, , .		0
158	Analysis of Circular Substrate Integrated Waveguide for Permittivity of Zingiberaceae Family at 2.45GHz. , 2019, , .		0
159	Localizing and Imaging of Breast Cancer Based on UWB Antenna Sensor Network. , 2021, , .		0
160	Multipoint Detection Technique with the Best Clock Signal Closed-Loop Feedback to Prolong FPGA Performance. Applied Sciences (Switzerland), 2021, 11, 6417.	2.5	0
161	Optimization Analysis of Quad-Ridged Ultra Wideband Horn Antenna for Performance Improvement. Advanced Science Letters, 2014, 20, 381-385.	0.2	0
162	A Computational Electromagnetic of Propagation on Human Skin Cell. Advanced Science Letters, 2014, 20, 464-468.	0.2	0

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163	Investigation of Wave Propagation to PV-Solar Panel Due to Lightning Induced Overvoltage. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 47.	0.8	0
164	Development of Resistive Random Access Memory Simulation Model for Defect Analysis and Testing. Advanced Science Letters, 2014, 20, 1745-1750.	0.2	0
165	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
166	Design of Antenna with Rectifying Circuit for Low Power Wireless Sensor Network Application. Advanced Science Letters, 2014, 20, 1788-1792.	0.2	0
167	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
168	Integrated Power Amplifier and Filter with Low Intermodulation Products for Wireless Communication. Advanced Science Letters, 2015, 21, 36-38.	0.2	0
169	Markov Chain Model and Performance Enhancement for EDCA Protocol. Journal of Communications, 2016, , .	1.6	0
170	Miniaturization of Microwave Bandpass Filter for Wideband Applications. International Journal on Communications Antenna and Propagation, 2016, 6, 239.	0.3	0
171	Integrated Filtering Antenna with High Selectivity Band Rejection for UWB Applications. Przegląd Elektrotechniczny, 2016, 1, 226-230.	0.2	0
172	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
173	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
174	Review of Recent Developments in Microwave Power Divider. International Journal on Communications Antenna and Propagation, 2018, 8, 315.	0.3	0
175	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
176	A Compact Reconfigurable Dual Band-Notched Ultra-Wideband Antenna using Varactor Diodes. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 2557.	0.8	0
177	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
178	A coupled-line balun for ultra-wideband single-balanced diode mixer. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 86.	0.8	0
179	Dual-band aperture coupled antenna with harmonic suppression capability. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 60.	0.8	0
180	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

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181	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
182	Enhanced T-Resonator with Blazed Grating for Accurate Powder Material Characterization. , 2020, , .		0
183	Design of triple band antenna for energy harvesting application. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2359-2367.	0.8	0
184	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