

Norbahiah Misran

List of Publications by Year in descending order

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268
papers

3,848
citations

116194

36
h-index

190340

53
g-index

268
all docs

268
docs citations

268
times ranked

2394
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Segmentation of Nonstationary EM Emission of Electronics Product. IEEE Access, 2022, 10, 40456-40466.	2.6	0
2	Broadband single-layer reflectarray antenna loaded with meander-delay-lines for X-band applications. AEJ - Alexandria Engineering Journal, 2021, 60, 1105-1112.	3.4	14
3	A YOLOv3 Deep Neural Network Model to Detect Brain Tumor in Portable Electromagnetic Imaging System. IEEE Access, 2021, 9, 82647-82660.	2.6	27
4	A mutual coupled spider net-shaped triple split ring resonator based epsilon-negative metamaterials with high effective medium ratio for quad-band microwave applications. Results in Physics, 2021, 22, 103902.	2.0	17
5	Inductively tuned modified split ring resonator based quad band epsilon negative (ENG) with near zero index (NZI) metamaterial for multiband antenna performance enhancement. Scientific Reports, 2021, 11, 11950.	1.6	12
6	Effects of Tungsten Disulphide Coating on Tapered Microfiber for Relative Humidity Sensing Applications. Sensors, 2021, 21, 7132.	2.1	4
7	Wireless Charging of Electric Vehicle While Driving. IEEE Access, 2021, 9, 157973-157983.	2.6	10
8	Elliptical Slot Metasurface High Gain Microstrip Line Antenna for Sub-6 GHz 5G Wireless Communication. , 2021, , .		3
9	Automated QT Interval Measurement Using Modified Pan-Tompkins Algorithm with Independent Isoelectric Line Approach. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 2020, 44, 51-61.	0.5	0
10	Coupled ring split ring resonator (CR-SRR) based epsilon negative metamaterial for multiband wireless communications with high effective medium ratio. Results in Physics, 2020, 18, 103248.	2.0	13
11	An Internet of Things Based Smart Waste Management System Using LoRa and Tensorflow Deep Learning Model. IEEE Access, 2020, 8, 148793-148811.	2.6	115
12	A Gap Coupled Hexagonal Split Ring Resonator Based Metamaterial for S-Band and X-Band Microwave Applications. IEEE Access, 2020, 8, 68239-68253.	2.6	54
13	Study and Implementation Frequency Reconfigurable of Dielectric Resonator Antenna Using Ground Feed Switch for S Band Applications. , 2020, , .		0
14	A Modified Meander Line Microstrip Patch Antenna With Enhanced Bandwidth for 2.4 GHz ISM-Band Internet of Things (IoT) Applications. IEEE Access, 2019, 7, 127850-127861.	2.6	77
15	A complementary split ring resonator based metamaterial with effective medium ratio for C-band microwave applications. Results in Physics, 2019, 15, 102675.	2.0	58
16	A 16 ϵ_r modified antipodal Vivaldi antenna array for microwave ϵ_r -based breast tumor imaging applications. Microwave and Optical Technology Letters, 2019, 61, 2110-2118.	0.9	29
17	Monitoring of the Human Body Signal through the Internet of Things (IoT) Based LoRa Wireless Network System. Applied Sciences (Switzerland), 2019, 9, 1884.	1.3	79
18	Automatic QRS Onset Detection of ECG Signal using Secant Line Slope Formula. , 2019, , .		2

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19	Breast Phantom Imaging Using Iteratively Corrected Coherence Factor Delay and Sum. IEEE Access, 2019, 7, 40822-40832.	2.6	40
20	Partial Ring Element with a Gap for Dual Frequencies Application. , 2019, , .		0
21	Metamaterial Inspired High Gain Antenna for Microwave Breast Imaging. , 2019, , .		2
22	Bandwidth Enhancement of Dielectric Resonator Antenna Using Complementary Hash Resonator. , 2019, , .		0
23	Capacitive Loading Effect of Dual Element Reconfigurable Reflectarray Unit Cell. , 2019, , .		3
24	IoT Based Health Monitoring System with LoRa Communication Technology. , 2019, , .		36
25	Metasurface Loaded High Gain Antenna based Microwave Imaging using Iteratively Corrected Delay Multiply and Sum Algorithm. Scientific Reports, 2019, 9, 17317.	1.6	41
26	Design of dualband antenna for RFID applications. International Journal of Electrical and Computer Engineering, 2019, 9, 3146.	0.5	1
27	Pattern Reconfigurable Dielectric Resonator Antenna Using Multi-Feed technique for LTE and Wi-Fi Applications. , 2018, , .		1
28	Pattern reconfigurable dielectric resonator antenna based on phased array switches. International Journal of Engineering and Technology(UAE), 2018, 7, 265.	0.2	0
29	Investigation of Left-Handed Meta-Atom for Radio Frequency Shielding Application. Science of Advanced Materials, 2018, 10, 1582-1587.	0.1	1
30	Depiction of a Circulated Double Psi-Shaped Microstrip Antenna for Ku-Band Satellite Applications. , 2018, , .		1
31	Resonator-Inspired Metamaterial Sensor: Design and Experimental Validation for Measuring Thickness of Multi-Layered Structures. Sensors, 2018, 18, 4213.	2.1	11
32	A Compact Ultrawideband Antenna Based on Hexagonal Split-Ring Resonator for pH Sensor Application. Sensors, 2018, 18, 2959.	2.1	33
33	Ultra-Wideband (UWB) Antenna Sensor Based Microwave Breast Imaging: A Review. Sensors, 2018, 18, 2951.	2.1	46
34	Microwave Imaging for Breast Tumor Detection Using Uniplanar AMC Based CPW-Fed Microstrip Antenna. IEEE Access, 2018, 6, 44763-44775.	2.6	71
35	Pattern Reconfigurable Dielectric Resonator Antenna Using Parasitic Feed Elements for LTE Femtocell Base Stations. Journal of Communications, 2018, , 242-246.	1.3	3
36	Development of Reconfigurable Antenna for Advanced Tracking Technology. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 672.	0.7	2

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37	Microstrip line-fed monopole antenna on an epoxy-resin-reinforced woven-glass material for super wideband applications. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 361-370.	0.6	0
38	Transparent solar antenna of 28 GHz using transparent conductive oxides (TCO) thin film. <i>Journal of Physics: Conference Series</i> , 2017, 852, 012036.	0.3	17
39	Design and parametric investigation of directional antenna for microwave imaging application. <i>IET Microwaves, Antennas and Propagation</i> , 2017, 11, 770-778.	0.7	24
40	Microwave Breast Phantom Measurement System With Compact Side Slotted Directional Antenna. <i>IEEE Access</i> , 2017, 5, 5321-5330.	2.6	37
41	28/38GHz dual band slotted patch antenna with proximity-coupled feed for 5G communication. , 2017, , .		12
42	An experimental method to determine maximum resolving power in antenna array for transient radio telescope system. , 2017, , .		0
43	Compact microstrip patch antenna for multi-service wireless communications. , 2017, , .		2
44	A new method in designing dipole-based antenna for transient radio telescope system. , 2017, , .		0
45	A tuning fork-shaped microstrip patch antenna for X-band satellite and radar applications. , 2017, , .		5
46	A 3D directional antenna for S band small satellite communication system. , 2017, , .		2
47	Cuboid dielectric resonator antenna array placed on # slots for LTE femtocell base stations. , 2017, , .		0
48	A Negative Index Metamaterial to Enhance the Performance of Miniaturized UWB Antenna for Microwave Imaging Applications. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1149.	1.3	32
49	Ray tracing technique for shaping a dual reflector antenna system. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016, 24, 1223-1234.	0.9	7
50	Design of a Miniaturized Meandered Line Antenna for UHF RFID Tags. <i>PLoS ONE</i> , 2016, 11, e0161293.	1.1	17
51	Dual band resonance of millimeter-wave frequencies antennas on LTCC. , 2016, , .		1
52	Analysis of EM absorption reduction using paper based negative indexed metamaterial shielding. , 2016, , .		2
53	Partial ground dielectric resonator antenna for LTE Femtocell base stations. , 2016, , .		4
54	Design of planar slot-loaded antenna for energy harvesting. , 2016, , .		3

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55	Bandwidth performance analysis of different glass's dielectric permittivity on reflectarray radiating element. , 2016, , .		1
56	Detection of breast cancer using electromagnetic techniques: A review. International Journal of Applied Electromagnetics and Mechanics, 2016, 51, 215-233.	0.3	2
57	Sol-gel synthesis of transition-metal doped ferrite compounds with potential flexible, dielectric and electromagnetic properties. RSC Advances, 2016, 6, 84562-84572.	1.7	13
58	Capacitive loading radiating element for reconfigurable reflectarray at Ku-band. , 2016, , .		1
59	Analysis on element shape geometries to enhance reflection coefficient and gain of reflectarray antenna. , 2016, , .		3
60	A compact disc-shaped super wideband patch antenna with a structure of parasitic element. International Journal of Applied Electromagnetics and Mechanics, 2016, 50, 11-28.	0.3	6
61	Dual band printed patch antenna on ceramic-polytetrafluoroethylene composite material substrate for GPS and WLAN applications. Telecommunication Systems, 2016, 62, 747-756.	1.6	4
62	Single and sub-array characteristics of capacitive integrated reflectarray design for beam scanning reconfigurability. , 2015, , .		0
63	Microstrip line-fed fractal antenna with a high fidelity factor for UWB imaging applications. Microwave and Optical Technology Letters, 2015, 57, 2580-2585.	0.9	18
64	Cognitive closed access femtocell application using multi-element antenna. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	1
65	Microwave Imaging Sensor Using Compact Metamaterial UWB Antenna with a High Correlation Factor. Materials, 2015, 8, 4631-4651.	1.3	49
66	Design and Experimental Evaluation of Modified Square Loop Feeding for UHF RFID Tags. PLoS ONE, 2015, 10, e0132530.	1.1	1
67	Metamaterial-Embedded Low SAR PIFA for Cellular Phone. PLoS ONE, 2015, 10, e0142663.	1.1	6
68	Planar microstrip antenna with dual stop-band functionality. , 2015, , .		0
69	A Negative Index Metamaterial-Inspired UWB Antenna with an Integration of Complementary SRR and CLS Unit Cells for Microwave Imaging Sensor Applications. Sensors, 2015, 15, 11601-11627.	2.1	74
70	Development of high gain multiband antenna with centre-offset copper strip-based periodic structure. Microwave and Optical Technology Letters, 2015, 57, 1608-1614.	0.9	6
71	A Miniaturized Antenna with Negative Index Metamaterial Based on Modified SRR and CLS Unit Cell for UWB Microwave Imaging Applications. Materials, 2015, 8, 392-407.	1.3	93
72	Omni-directional microstrip monopole antenna for UWB microwave imaging system. , 2015, , .		2

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73	Omnidirectional dielectric resonator antenna for LTE femtocell base stations. , 2015, , .		5
74	Composite-material printed antenna for a multi-standard wireless application. Materiali in Tehnologije, 2015, 49, 745-749.	0.3	2
75	A Reconfigurable Multiband Antenna for RFID and GPS Applications. Elektronika Ir Elektrotehnika, 2015, 21, .	0.4	1
76	Circularly Polarized S Band Dual Frequency Square Patch Antenna Using Glass Microfiber Reinforced PTFE Composite. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	7
77	Development of a Semielliptical Partial Ground Plane Antenna for RFID and GSM-900. International Journal of Antennas and Propagation, 2014, 2014, 1-7.	0.7	6
78	A ROM-Less Direct Digital Frequency Synthesizer Based on Hybrid Polynomial Approximation. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	4
79	Analysis of a Compact Wideband Slotted Antenna for Ku Band Applications. International Journal of Antennas and Propagation, 2014, 2014, 1-6.	0.7	16
80	Quad Band Handset Antenna for LTE MIMO and WLAN Application. International Journal of Antennas and Propagation, 2014, 2014, 1-7.	0.7	8
81	Design and Realization of a Planar Ultrawideband Antenna with Notch Band at 3.5GHz. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	6
82	Effect of Parasitic Element on 408MHz Antenna for Radio Astronomy Application. International Journal of Antennas and Propagation, 2014, 2014, 1-4.	0.7	3
83	A Dual Band Slotted Patch Antenna on Dielectric Material Substrate. International Journal of Antennas and Propagation, 2014, 2014, 1-7.	0.7	8
84	Printed Wide-Slot Antenna Design with Bandwidth and Gain Enhancement on Low-Cost Substrate. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	15
85	Analysis of Resonance Response Performance of C-Band Antenna Using Parasitic Element. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	10
86	Development of Ray Tracing Algorithms for Scanning Plane and Transverse Plane Analysis for Satellite Multibeam Application. International Journal of Antennas and Propagation, 2014, 2014, 1-10.	0.7	2
87	Analysis of Glass-Reinforced Epoxy Material for Radio Frequency Resonator. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	1
88	Bandwidth Enhancement of a Dual Band Planar Monopole Antenna Using Meandered Microstrip Feeding. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	12
89	Analysis of Fractal Antenna for Ultra Wideband Application. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 2022-2026.	0.1	5
90	A rounded corner triangular patch antenna for dual-frequency application. Microwave and Optical Technology Letters, 2014, 56, 69-72.	0.9	5

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91	Effects of Mobile Phone Radiation onto Human Head with Variation of Holding Cheek and Tilt Positions. Journal of Applied Research and Technology, 2014, 12, 871-876.	0.6	33
92	Initial analysis on dual frequency operation for single layer reflectarray antenna. , 2014, , .		0
93	Ceramic-polytetrafluoroethylene composite material-based miniaturized split-ring patch antenna. Science and Engineering of Composite Materials, 2014, 21, 405-410.	0.6	5
94	Generating Contoured Beams for Malaysia Region by Using a Caustic Locus Graph [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2014, 56, 328-336.	1.2	6
95	Characterization of resonant elements for passive and reconfigurable reflectarray design. , 2014, , .		0
96	An efficient ROM compression technique for linear- interpolated direct digital frequency synthesizer. , 2014, , .		3
97	Dual band split-ring patch antenna on ceramic for satellite application. , 2014, , .		1
98	Scattering parameter analysis of different transparent conductive thin films element on silicon solar cell. , 2014, , .		1
99	Design of a dual-band microstrip antenna using particle swarm optimization with curve fitting. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 633-640.	1.6	6
100	Wideband Lâ€probe circular patch antenna for dualâ€frequency RFID application. Microwave and Optical Technology Letters, 2014, 56, 1421-1424.	0.9	3
101	Analysis of different transparent conductive thin films element on monocrystalline silicon cell. , 2014, , .		1
102	A reconfigurable multiband antenna for WLAN and WiMAX applications. , 2014, , .		0
103	Analysis of reflectarray unit cell with capacitive effect. , 2014, , .		3
104	Design and Prototyping of A Compact 2S Shaped Dual Band Patch Antenna. Elektronika Ir Elektrotehnika, 2014, 20, .	0.4	2
105	Scattering Microwave Signal Analysis from Triangular Loop Element of Different Transparent Conductive Thin Films at Ku-band. Jurnal Kejuruteraan, 2014, 26, 83-88.	0.2	2
106	Printed circular disc compact planar antenna for UWB applications. Telecommunication Systems, 2013, 52, 1171.	1.6	17
107	Undergraduate Student's Perception towards Engineering Program at UKM. Procedia, Social and Behavioral Sciences, 2013, 102, 110-115.	0.5	3
108	Miniaturized paper based substrate microstrip antenna with slot configurations for automotive systems. , 2013, , .		1

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109	Phase variation analysis of triangular radiating elements on polycrystalline silicon cell. , 2013, , .		2
110	Analysis of ring and C-shaped reflectarray antenna element for monopulse application. , 2013, , .		0
111	Design and verification of a shaped-beam reflector antenna for Malaysia beam coverage. , 2013, , .		1
112	Evaluation of caustics for parabolic reflector antennas through focal region ray tracings. , 2013, , .		1
113	A new double L-shaped multiband patch antenna on a polymer resin material substrate. Applied Physics A: Materials Science and Processing, 2013, 110, 199-205.	1.1	44
114	The Impact of SES among Malaysian Matriculation Students in Selecting University and Engineering Program. Procedia, Social and Behavioral Sciences, 2013, 102, 627-634.	0.5	3
115	Dual Band X Shape Microstrip Patch Antenna for Satellite Applications. Procedia Technology, 2013, 11, 1223-1228.	1.1	33
116	Inverse triangular shape CPW fed antenna loaded with EBG reflector. Electronics Letters, 2013, 49, 86-88.	0.5	14
117	Microstrip Line-fed Printed Planar Monopole Antenna for UWB Applications. Arabian Journal for Science and Engineering, 2013, 38, 2415-2422.	1.1	35
118	Designing shaped dual reflector antenna system by ray tracing method. , 2013, , .		2
119	Optimization of dipole-based antenna for 21cm line observation. , 2013, , .		1
120	Beamwidth and gain analysis on V-shape dipole-based antenna for radio astronomy application. , 2013, , .		3
121	An inverted S-shaped multi-frequency patch antenna for X band applications. , 2013, , .		3
122	Analysis of the BDF using caustics of parabolic reflector antennas. , 2013, , .		0
123	Scattering phase performance of varactor diode across ring's gap reconfigurable reflectarray element. , 2013, , .		1
124	Multi-state frequency switchable reflectarray antenna design. , 2013, , .		0
125	Rasch Model Analysis on the Effectiveness of Early Evaluation Questions as a Benchmark for New Students Ability. International Education Studies, 2013, 6, .	0.3	3
126	EFFECTS OF ELECTROMAGNETIC ABSORPTION TOWARDS HUMAN HEAD DUE TO VARIATION OF ITS DIELECTRIC PROPERTIES AT 900, 1800 AND 1900 MHZ WITH DIFFERENT ANTENNA SUBSTRATES. Progress in Electromagnetics Research, 2013, 138, 367-388.	1.6	12

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127	DESIGN OF A COMPACT ULTRAWIDEBAND METAMATERIAL ANTENNA BASED ON THE MODIFIED SPLIT-RING RESONATOR AND CAPACITIVELY LOADED STRIPS UNIT CELL. Progress in Electromagnetics Research, 2013, 136, 157-173.	1.6	54
128	Development of Electromagnetic Band Gap Structures in the Perspective of Microstrip Antenna Design. International Journal of Antennas and Propagation, 2013, 2013, 1-22.	0.7	78
129	Design and analysis of inverted H shape dual band patch antenna for microwave application. IOP Conference Series: Materials Science and Engineering, 2013, 44, 012002.	0.3	0
130	A Wideband Microstrip Patch Antenna for 60 GHz Wireless Applications. Elektronika Ir Elektrotehnika, 2013, 19, .	0.4	14
131	Effects of Substrate Material and Dielectric Properties on Electromagnetic Energy Absorption Over GSM Bands. Journal of Emerging Technologies in Web Intelligence, 2013, 5, .	0.6	2
132	FPGA-Based Implementation of a New Phase-to-Sine Amplitude Conversion Architecture. Elektronika Ir Elektrotehnika, 2013, 19, .	0.4	2
133	Effects of Dielectric Values and Substrate Materials on Electromagnetic (EM) Absorption in Human Head. Frequenz, 2012, 66, .	0.6	8
134	Effects of electromagnetic absorption toward a human head due to variation of its dielectric properties at 900 and 1900 MHz with different antenna substrates. Science and Engineering of Composite Materials, 2012, 19, 271-277.	0.6	6
135	Performance investigation of a uni-planar compact electromagnetic bandgap (UC-EBC) structure for wide bandgap characteristics. , 2012, , .		7
136	A compact wideband coplanar waveguide fed metamaterial-inspired patch antenna for wireless application. Applied Physics A: Materials Science and Processing, 2012, 109, 961-965.	1.1	13
137	Dual frequency new shaped microstrip patch antenna for Ku band applications. , 2012, , .		8
138	Design of a compact multiband antenna on Al ₂ O ₃ ceramic material substrate. , 2012, , .		1
139	A three-stacked patch antenna using high-dielectric ceramic material substrate. Journal of Intelligent Material Systems and Structures, 2012, 23, 1827-1832.	1.4	15
140	Effects of substrate material and dielectric properties on electromagnetic energy absorption over GSM bands. , 2012, , .		1
141	Design and analysis of a compact planar electromagnetic bandgap (EBG) structure. , 2012, , .		1
142	Analysis on Electrical and Electronics Engineering Students' Academic Achievement. Procedia, Social and Behavioral Sciences, 2012, 60, 112-118.	0.5	2
143	Influencing Factors for Matriculation Students in Selecting University and Program of Study. Procedia, Social and Behavioral Sciences, 2012, 60, 567-574.	0.5	4
144	The Influence of Socio-Economic Status among Matriculation Students in Selecting University and Undergraduate Program. Procedia, Social and Behavioral Sciences, 2012, 56, 134-140.	0.5	7

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145	Investigation on bandwidth enhancement of dual frequency concentric ring square reflectarray element. , 2012, , .		1
146	Performance evaluation of PAPR in OFDM for UMTS-LTE system. , 2012, , .		1
147	An EBG microstrip antenna for 5.4 GHz WLAN/HIPERLAN applications. , 2012, , .		3
148	Malaysian Matriculation Studentâ€™s Factors in Choosing University and Undergraduate Program. Asian Social Science, 2012, 8, .	0.1	3
149	ANALYSIS OF MATERIALS EFFECTS ON RADIO FREQUENCY ELECTROMAGNETIC FIELDS IN HUMAN HEAD. Progress in Electromagnetics Research, 2012, 128, 121-136.	1.6	18
150	DESIGN ANALYSIS OF NEW METAMATERIAL FOR EM ABSORPTION REDUCTION. Progress in Electromagnetics Research, 2012, 124, 119-135.	1.6	70
151	A NOVEL COMPACT SPLIT RING SLOTTED ELECTROMAGNETIC BANDGAP STRUCTURE FOR MICROSTRIP PATCH ANTENNA PERFORMANCE ENHANCEMENT. Progress in Electromagnetics Research, 2012, 130, 389-409.	1.6	59
152	A Compact Wideband Antenna on Dielectric Material Substrate for K Band. Elektronika Ir Elektrotehnika, 2012, 123, .	0.4	10
153	Location management cost reduction using fuzzy logic in cellular radio network. , 2011, , .		3
154	Numerical analysis of aluminium sheet for SAR reduction. , 2011, , .		3
155	Design of an array feed offset parabolic reflector antenna for a simple portable earth station. , 2011, , .		2
156	Offset-fed UWB antenna with multi-slotted ground plane. , 2011, , .		5
157	Evaluation of SAR in the human head due to hand ring jewellery at 900 and 1800 MHz. , 2011, , .		1
158	Evaluation of different types of human head shape and ear effects for mobile phone exposure on em absorption. , 2011, , .		0
159	Optimization of two-element antenna array for low-frequency transient radio telescope. , 2011, , .		1
160	Compact printed ultra-wideband antenna with dual band- notch characteristics. , 2011, , .		4
161	Compact planar antenna with dual band-notched characteristics for UWB applications. , 2011, , .		7
162	Slot Loaded Circular Microstrip Antenna with Meandered Slits. Journal of Electromagnetic Waves and Applications, 2011, 25, 1851-1862.	1.0	44

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163	Compact Tapered-Shape Slot Antenna for UWB Applications. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1190-1193.	2.4	211
164	Spectral efficiency of mobile WiMAX networks employing adaptive modulation and coding. , 2011, , .		3
165	Analysis on split concept of reflectarray antenna element for bandwidth enhancement. , 2011, , .		7
166	A new I slotted compact microstrip antenna for L1 & L2 bands. , 2011, , .		8
167	Development of a single square ring reflectarray element for bandwidth enhancement. , 2011, , .		0
168	Topology-aware macro diversity handover technique for IEEE 802.16j multi-hop cellular networks. IET Communications, 2011, 5, 700-708.	1.5	7
169	Ground modified double-sided printed compact UWB antenna. Electronics Letters, 2011, 47, 9.	0.5	67
170	Electromagnetic (EM) absorption reduction in a muscle cube with metamaterial attachment. Medical Engineering and Physics, 2011, 33, 646-652.	0.8	41
171	Design Analysis of An Electromagnetic Band Gap Microstrip Antenna. American Journal of Applied Sciences, 2011, 8, 1374-1377.	0.1	17
172	A Spectrally Efficient Macrodiversity Handover Technique for Interference-Limited IEEE 802.16j Multihop Wireless Relay Networks. ETRI Journal, 2011, 33, 558-568.	1.2	2
173	Ionospheric variations before some large earthquakes over Sumatra. Natural Hazards and Earth System Sciences, 2011, 11, 597-611.	1.5	42
174	CIRCULAR MICROSTRIP SLOT ANTENNA FOR DUAL-FREQUENCY RFID APPLICATION. Progress in Electromagnetics Research, 2011, 120, 499-512.	1.6	86
175	Curriculum Restructuring of Bachelor of Engineering Program. Procedia, Social and Behavioral Sciences, 2011, 18, 220-226.	0.5	2
176	Continual Quality Improvement Process for Undergraduate Programs. Procedia, Social and Behavioral Sciences, 2011, 18, 565-574.	0.5	4
177	SAR reduction in a muscle cube with metamaterial attachment. Applied Physics A: Materials Science and Processing, 2011, 103, 367-372.	1.1	29
178	Planar UWB antenna with multi-slotted ground plane. Microwave and Optical Technology Letters, 2011, 53, 966-968.	0.9	38
179	Triple band RFID reader antenna for handheld applications. Microwave and Optical Technology Letters, 2011, 53, 1629-1632.	0.9	8
180	EM absorption reduction of helix with shielding material for mobile phone applications. , 2011, , .		1

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181	A wideband UHF RFID reader antenna. , 2011, , .		0
182	Analysis of Electromagnetic Absorption in Mobile Phones Using Metamaterials. Electromagnetics, 2011, 31, 215-232.	0.3	50
183	Split ring resonators for SAR reduction in human head. , 2011, , .		0
184	Hardware Implementation of a MIMO Decoder Using Matrix Factorization Based Channel Estimation. Frequenz, 2011, 65, .	0.6	1
185	Performance of Adaptive Beamforming Algorithm for Angle Separation and Interference Power Level. IETE Journal of Research, 2011, 57, 57.	1.8	0
186	Study of Specific Absorption Rate (SAR) in the human head by metamaterial attachment. IEICE Electronics Express, 2010, 7, 240-246.	0.3	46
187	A Novel Feeding Technique for a Dual Band Microstrip Patch Antenna. IEICE Transactions on Communications, 2010, E93-B, 2455-2457.	0.4	12
188	High gain W-shaped microstrip patch antenna. IEICE Electronics Express, 2010, 7, 1546-1551.	0.3	13
189	Small multi-band microstrip antenna for wireless applications. IEICE Electronics Express, 2010, 7, 1629-1634.	0.3	2
190	An enhanced macro diversity handover technique for IEEE 802.16j. IEICE Electronics Express, 2010, 7, 732-737.	0.3	3
191	Printed Planar Antenna for Wideband Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2010, 31, 969.	1.2	35
192	Coplanar Waveguide Fed Printed Antenna with Compact Size for Broadband Wireless Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2010, 31, 1427-1437.	1.2	20
193	Stacked patch antenna with folded patch feed for ultra-wideband application. IET Microwaves, Antennas and Propagation, 2010, 4, 1456.	0.7	45
194	Evaluation of Specific Absorption Rate (SAR) Reduction for PIFA antenna Using Metamaterials. Frequenz, 2010, 64, .	0.6	18
195	Assessment of EM absorption in muscle cube with metamaterial attachment. , 2010, , .		1
196	Design of microstrip patch antenna using novel U-shaped feeding strip with unequal arm. Electronics Letters, 2010, 46, 968.	0.5	16
197	Scaling and Fractal Properties of the Horizontal Geomagnetic Field at the Tropical Stations of Langkawi and Davao in February 2007. , 2010, , .		1
198	A Novel High-Gain Dual-Band Antenna for RFID Reader Applications. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 653-656.	2.4	80

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199	Printed circular ring antenna for UWB application. , 2010, , .		20
200	Compact planar antenna for UWB applications. , 2010, , .		21
201	Traffic Driven Handoff Management Scheme for Next Generation Cellular Networks (NGCN). , 2010, , .		3
202	Performance evaluation of macro diversity handover technique for multi-hop relay cellular networks. , 2010, , .		1
203	Compact Dual Band Microstrip Antenna for Ku-Band Application. Information Technology Journal, 2010, 9, 354-358.	0.3	17
204	Linear Polarized Patch Antenna for Satellite Communication. Information Technology Journal, 2010, 9, 386-390.	0.3	6
205	Multipath Comparison for GPS Observation MASS Station Data and RTK Station. Jurnal Kejuruteraan, 2010, 22, 11-22.	0.2	0
206	Multipath Error Determinant for Pseudo Ranges Observation Data at RTK (Real Time Kinematic) Reference Stations in Malaysia. Jurnal Kejuruteraan, 2010, 22, 31-42.	0.2	0
207	MULTI-SLOTTED MICROSTRIP PATCH ANTENNA FOR WIRELESS COMMUNICATION. Progress in Electromagnetics Research Letters, 2009, 10, 11-18.	0.4	74
208	REDUCTION OF SPECIFIC ABSORPTION RATE (SAR) IN THE HUMAN HEAD WITH FERRITE MATERIAL AND METAMATERIAL. Progress in Electromagnetics Research C, 2009, 9, 47-58.	0.6	42
209	BROADBAND E-H SHAPED MICROSTRIP PATCH ANTENNA FOR WIRELESS SYSTEMS. Progress in Electromagnetics Research, 2009, 98, 163-173.	1.6	94
210	DESIGN ANALYSIS OF HIGH GAIN WIDEBAND L-PROBE FED MICROSTRIP PATCH ANTENNA. Progress in Electromagnetics Research, 2009, 95, 397-407.	1.6	71
211	Design of compact ultrawideband patch antenna for wireless communications. , 2009, , .		3
212	Modified E-H shaped microstrip antenna for wireless systems. , 2009, , .		8
213	Patch antenna design for WLAN system. , 2009, , .		2
214	Development of a Multiband VHF Antenna for Low-Frequency Transient Radio Telescope. Journal of Electromagnetic Waves and Applications, 2009, 23, 1843-1854.	1.0	5
215	A proficient channel estimation method for MIMO system. , 2009, , .		0
216	Ionospheric and geomagnetic disturbances during the 2005 Sumatran earthquakes. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1992-2005.	0.6	23

#	ARTICLE	IF	CITATIONS
217	The Hurst exponents of the geomagnetic horizontal component during quiet and active periods. , 2009, , .		9
218	Design and implementation of Alamouti encoder for 4G wireless system. , 2009, , .		3
219	An efficient hybrid detection algorithm for a full rate quasi-orthogonal prolonged MIMO MC-CDMA systems. , 2009, , .		0
220	Dual band folded patch antenna for WLAN operation. , 2009, , .		4
221	Design of a compact dual band microstrip antenna for Ku-band application. , 2009, , .		21
222	Reduction of specific absorption rate (SAR) in the human head with materials and metamaterial. , 2009, , .		7
223	Compact multiband VHF antenna for transient radio telescope. , 2009, , .		6
224	Dual-polarized patch antenna for wireless communication. , 2009, , .		1
225	A stacked patch antenna for Ultrawideband operation. , 2009, , .		1
226	Ultrawideband EH shaped stack patch antenna for wireless communications. , 2009, , .		5
227	The relationship between the ionospheric and magnetic disturbances during the 28 March 2005 Sumatran earthquake. , 2009, , .		0
228	An efficient FPGA based prototyping platform for MIMO decoding. , 2009, , .		1
229	Ionospheric TEC response over Simeulue earthquake of 28 March 2005. , 2009, , .		2
230	Investigation of reconfigurability of dual-band microstrip patch antenna by utilizing MEMS switch. , 2009, , .		1
231	Analysis of concentric split ring square reflectarray element for bandwidth enhancement. , 2009, , .		2
232	Implementation of Alamouti Encoder Using FPGA for Mimo Testbed. , 2009, , .		8
233	Design of meandering probe fed microstrip patch antenna for wireless communication system. , 2009, , .		1
234	Optimization of microstrip patch antenna using Particle swarm optimization with curve fitting. , 2009, , .		21

#	ARTICLE	IF	CITATIONS
235	Design analysis of compact dual-band microstrip RFID reader antenna. , 2009, , .		10
236	DESIGN ANALYSIS OF FERRITE SHEET ATTACHMENT FOR SAR REDUCTION IN HUMAN HEAD. Progress in Electromagnetics Research, 2009, 98, 191-205.	1.6	58
237	Modified E-H shaped microstrip patch antenna. IEICE Electronics Express, 2009, 6, 1350-1354.	0.3	2
238	Smart Antenna UKM Testbed for Digital Beamforming System. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.0	11
239	A holistic framework for design of cost-effective minimum water utilization network. Journal of Environmental Management, 2008, 88, 219-252.	3.8	37
240	GPS observations at quasi-conjugate points under disturbed conditions. Acta Geophysica, 2008, 56, 1179-1201.	1.0	7
241	Stacked multiple slot microstrip patch antenna for wireless communication system. , 2008, , .		3
242	Broadband monopole disc antenna with shorting post technique. , 2008, , .		0
243	Bandwidth analysis and optimization techniques of the monopole disc antenna for cellular application. , 2008, , .		0
244	Design of broadband multi-slotted microstrip patch antenna for wireless system. , 2008, , .		9
245	Analysis of L-probe fed slotted microstrip patch antenna. , 2008, , .		2
246	Downlink performance of handover techniques for IEEE 802.16j multi-hop relay networks. , 2008, , .		4
247	Wideband Stacked Microstrip Patch Antenna for Wireless Communication. , 2008, , .		4
248	Adaptive handoff algorithm in next-generation wireless systems. , 2008, , .		1
249	Design of a broadband low cross-polarization W-shape microstrip patch antenna for MIMO system. , 2008, , .		2
250	Design of microstrip antenna for GPS application. , 2008, , .		12
251	Design, simulation and fabrication of a microstrip patch antenna for dual band application. , 2008, , .		8
252	Compact patch antenna with folded patch feed for ultrawideband application. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
253	Compact rectangular microstrip patch antenna for dual band application. , 2008, , .		1
254	Design and Development of Broadband Inverted E-shaped Patch Microstrip Array Antenna For 3G Wireless Network. American Journal of Applied Sciences, 2008, 5, 427-434.	0.1	9
255	Architecture and mobility management protocols for next-generation wireless systems (NGWS). , 2007, , .		2
256	Multiple-Band Antenna for In-building Coverage Operation. , 2007, , .		2
257	Remote Sensing of Antarctic Atmospheric Water Vapour using Ground-Based GPS Meteorology. , 2007, , .		1
258	On the Capacity of Correlated MIMO Channels for Informed and Uninformed Transmitter at Different Antenna Configurations. , 2007, , .		0
259	Handoff architecture in next-generation wireless systems. , 2007, , .		1
260	An Investigation on the Effects of Wall Parameters on the Indoor Wireless Propagations. , 2007, , .		2
261	A 4Åfâ€”1 L-probe fed Inverted Hybrid E-H Microstrip Patch Antenna Array for 3G Application. American Journal of Applied Sciences, 2007, 4, 897-901.	0.1	5
262	Design optimisation of ring elements for broadband reflectarray antennas. IET Microwaves Antennas and Propagation, 2003, 150, 440.	1.2	74
263	RCS reduction technique for reflectarray antennas. Electronics Letters, 2003, 39, 1630.	0.5	56
264	Concentric split ring element for dual frequency reflectarray antennas. Electronics Letters, 2003, 39, 1776.	0.5	22
265	Reflection phase response of microstrip stacked ring elements. Electronics Letters, 2002, 38, 356.	0.5	30
266	Performance of a broadband ring element reflectarray. , 0, , .		2
267	Investigation of Hand Worn Jewellery Effects on the Specific Absorption Rate in the Human Head and Hand. Applied Mechanics and Materials, 0, 110-116, 4559-4563.	0.2	0
268	Design and Simulation of High Spectral Purity Numerically Controlled Oscillator. Applied Mechanics and Materials, 0, 229-231, 2117-2121.	0.2	2