Mohammad Faruque

List of Publications by Year in Descending Order

251 papers	2,276 citations	23 h-index	34 g-index
300 ext. papers	3,245 ext. citations	2.4 avg, IF	5.85 L-index

#	Paper	IF	Citations
251	A New Octagonal Close Ring Resonator Based Dumbbell-Shaped Tuning Fork Perfect Metamaterial Absorber for C- and Ku-Band Applications.. *Micromachines*, **2022**, 13,	3.3	2
250	Stem Cell Transplantation Therapy and Neurological Disorders: Current Status and Future Perspectives.. *Biology*, **2022**, 11,	4.9	7
249	Specific absorption rate reduction for sub-6 frequency range using polarization dependent metamaterial with high effective medium ratio.. *Scientific Reports*, **2022**, 12, 1803	4.9	0
248	Radar cross-section reduction using polarisation-dependent passive metamaterial for satellite communication. *Chinese Journal of Physics*, **2022**, 76, 251-268	3.5	4
247	Optimization of passive metamaterial design with high effective medium ratio for wireless communications. *Journal of Magnetism and Magnetic Materials*, **2022**, 546, 168912	2.8	1
246	Studies of the mechanical and neutron shielding features of concrete by incorporation of green additive materials: Experimental and numerical study. *Radiation Physics and Chemistry*, **2022**, 191, 109846	2.5	0
245	Development of a computer-aided tool for detection of COVID-19 pneumonia from CXR images using machine learning algorithm. *Journal of Radiation Research and Applied Sciences*, **2022**, 15, 32-43	1.5	3
244	Rotational symmetry engineered, polarization and incident angle-insensitive, perfect metamaterial absorber for X and Ku band wireless applications.. *Scientific Reports*, **2022**, 12, 3740	4.9	0
243	A New Compact Split Ring Resonator Based Double Inverse Epsilon Shaped Metamaterial for Triple Band Satellite and Radar Communication. *Crystals*, **2022**, 12, 520	2.3	1
242	Triple band microwave metamaterial absorber based on double E-shaped symmetric split ring resonators for EMI shielding and stealth applications. *Journal of Materials Research and Technology*, **2022**, 18, 1653-1668	5.5	4
241	The effectiveness of ornamental building materials (tiles) for retrospective thermoluminescence dosimetry.. *Applied Radiation and Isotopes*, **2022**, 184, 110218	1.7	1
240	Wide bandwidth enriched symmetric hexagonal split ring resonator based triple band negative permittivity metamaterial for satellite and Wi-Fi applications. *Results in Physics*, **2022**, 37, 105511	3.7	1
239	Bio-Synthesized Tin Oxide Nanoparticles: Structural, Optical, and Biological Studies. *Crystals*, **2022**, 12, 614	2.3	2
238	Studies of defect states and kinetic parameters of car windscreen for thermoluminescence retrospective dosimetry. *Applied Radiation and Isotopes*, **2022**, 110271	1.7	0
237	The circularly bent split ring resonator with a high effective medium ratio for multi frequency satellite band applications. *Journal of Magnetism and Magnetic Materials*, **2022**, 169464	2.8	0
236	Dual square split ring enclosed spiral shaped hybrid metamaterial resonator with size miniaturisation for microwave wireless applications.. *Scientific Reports*, **2022**, 12, 8028	4.9	0
235	A Comprehensive Account on Recent Progress in Pharmacological Activities of Benzimidazole Derivatives. *Frontiers in Pharmacology*, **2021**, 12, 762807	5.6	5

234	Enhancement of the Shielding Capability of Soda□lime Glasses with Sb2O3 Dopant: A Potential Material for Radiation Safety in Nuclear Installations. *Applied Sciences (Switzerland)*, **2021**, 11, 326	2.6	20
233	Detection and Quantification of Precious Elements in Astrophyllite Mineral by Optical Spectroscopy. *Materials*, **2021**, 14,	3.5	2
232	The Usages and Potential Uses of Alginate for Healthcare Applications. *Frontiers in Molecular Biosciences*, **2021**, 8, 719972	5.6	4
231	Polarization-independent perfect metamaterial absorber for C, X and, Ku band applications. *Journal of Materials Research and Technology*, **2021**, 15, 3722-3732	5.5	4
230	A multi-split based square split ring resonator for multiband satellite applications with high effective medium ratio. *Results in Physics*, **2021**, 22, 103865	3.7	5
229	Radionuclides Transfer from Soil to Tea Leaves and Estimation of Committed Effective Dose to the Bangladesh Populace. *Life*, **2021**, 11,	3	2
228	Chemical Analysis of Thermoluminescent Colorless Topaz Crystal Using Laser-Induced Breakdown Spectroscopy. *Minerals (Basel, Switzerland)*, **2021**, 11, 367	2.4	2
227	Enhancement of mechanical and corrosion resistance properties of electrodeposited Ni-P-TiC composite coatings. *Scientific Reports*, **2021**, 11, 5327	4.9	4
226	Antibacterial, antioxidant and physicochemical investigations of tin dioxide nanoparticles synthesized via microemulsion method. *Materials Research Express*, **2021**, 8, 035013	1.7	10
225	Enhancement of magnetic field intensity with a left-handed metamaterial tunnel resonator for obstacle sensing. *Chinese Journal of Physics*, **2021**, 70, 91-105	3.5	4
224	A practical method for incorporation of Fe (III) in Titania matrix for photocatalytic applications. *Materials Research Express*, **2021**, 8, 045006	1.7	5
223	Tailoring bismuth borate glasses by incorporating PbO/GeO for protection against nuclear radiation. *Scientific Reports*, **2021**, 11, 7784	4.9	10
222	Anomaly Classification for Earthquake Prediction in Radon Time Series Data Using Stacking and Automatic Anomaly Indication Function. *Pure and Applied Geophysics*, **2021**, 178, 1593	2.2	5
221	Synergistic effects of Cu-doped ZnO nanoantibiotic against Gram-positive bacterial strains. *PLoS ONE*, **2021**, 16, e0251082	3.7	16
220	Polarization-independent symmetrical digital metasurface absorber. *Results in Physics*, **2021**, 24, 103985	3.7	8
219	Parabolic Split Ring Resonator (PSRR) based MNZ metamaterial with angular rotation for WiFi/WiMax/Wireless/ISM band applications. *Chinese Journal of Physics*, **2021**, 71, 753-769	3.5	3
218	Enhanced Optical and Antibacterial Activity of Hydrothermally Synthesized Cobalt-Doped Zinc Oxide Cylindrical Microcrystals. *Materials*, **2021**, 14,	3.5	5
217	Calculation of secondary radiation absorbed doses due to the proton therapy on breast cancer using MCNPX code. *Radiation Physics and Chemistry*, **2021**, 183, 109427	2.5	2

216	Modified Hexagonal Split Ring Resonator Based on an Epsilon-Negative Metamaterial for Triple-Band Satellite Communication. *Micromachines*, **2021**, 12,	3.3	6
215	Design of a microstrip patch antenna for the Ku band applications. *Materials Today: Proceedings*, **2021**, 42, 1502-1505	1.4	0
214	Design of a microstrip patch sensor antenna for the measurement of permittivity. *Materials Today: Proceedings*, **2021**, 42, 1341-1344	1.4	0
213	Left-handed compact multi-band circular metamaterial for S-, C- and Ku-band applications. *Materials Today: Proceedings*, **2021**, 42, 1374-1381	1.4	0
212	Reduction of 5G cellular network radiation in wireless mobile phone using an asymmetric square shaped passive metamaterial design. *Scientific Reports*, **2021**, 11, 2619	4.9	6
211	Facile Synthesis of High-Quality Nano-Size 10B-Enriched Fibers of Hexagonal Boron Nitride. *Crystals* , **2021**, 11, 222	2.3	1
210	Structural, Optical and Antibacterial Efficacy of Pure and Zinc-Doped Copper Oxide against Pathogenic Bacteria. *Nanomaterials*, **2021**, 11,	5.4	15
209	Symmetric square shaped metamaterial structure with quintuple resonance frequencies for S, C, X and Ku band applications. *Scientific Reports*, **2021**, 11, 4270	4.9	3
208	Unmodified Titanium Dioxide Nanoparticles as a Potential Contrast Agent in Photon Emission Computed Tomography. *Crystals*, **2021**, 11, 171	2.3	11
207	Elevated Concentrations of Metal(loids) in Seaweed and the Concomitant Exposure to Humans. *Foods*, **2021**, 10,	4.9	12
206	Angle-insensitive co-polarized metamaterial absorber based on equivalent circuit analysis for dual band WiFi applications. *Scientific Reports*, **2021**, 11, 13791	4.9	7
205	Parallel LC shaped metamaterial resonator for C and X band satellite applications with wider bandwidth. *Scientific Reports*, **2021**, 11, 16247	4.9	3
204	Double negative bend headed I-shaped metamaterial based Terahertz optical power splitter. *Results in Physics*, **2021**, 27, 104492	3.7	1
203	A Novel Hybrid Learning System Using Modified Breaking Ties Algorithm and Multinomial Logistic Regression for Classification and Segmentation of Hyperspectral Images. *Applied Sciences (Switzerland)*, **2021**, 11, 7614	2.6	1
202	Modified double dumbbell-shaped split-ring resonator-based negative permittivity metamaterial for satellite communications with high effective medium ratio. *Scientific Reports*, **2021**, 11, 19331	4.9	5
201	A dual-band polarization-independent left-handed symmetrical metamaterial for communication system application. *Journal of Materials Research and Technology*, **2021**, 15, 731-744	5.5	1
200	A novel approach for the reduction of aflatoxin in pistachio nuts using experimental and MCNP simulation. *Radiation Physics and Chemistry*, **2021**, 189, 109752	2.5	1
199	Biosynthesis and antibacterial activity of MgO-NPs produced from Camellia-sinensis leaves extract. *Materials Research Express*, **2021**, 8, 015402	1.7	6

198	Electromagnetic radiation reduction using novel metamaterial for cellular applications. *Radiation Physics and Chemistry*, **2021**, 178, 108976	2.5	7
197	Compositional Analysis of Chalcopyrite Using Calibration-Free Laser-Induced Breakdown Spectroscopy. *Applied Sciences (Switzerland)*, **2020**, 10, 6848	2.6	3
196	The Potential Use of Car Windscreens for Post-Accident Dose Reconstruction in the Periphery of Nuclear Installations. *Applied Sciences (Switzerland)*, **2020**, 10, 7127	2.6	8
195	Evaluation of Radiation Shielding Features of Co and Ni-Based Superalloys Using MCNP-5 Code: Potential Use in Nuclear Safety. *Applied Sciences (Switzerland)*, **2020**, 10, 7680	2.6	34
194	Dispersion of radionuclides from coal-fired brick kilns and concomitant impact on human health and the environment. *Radiation Physics and Chemistry*, **2020**, 177, 109165	2.5	6
193	El Niño driven haze over the Southern Malaysian Peninsula and Borneo. *Science of the Total Environment*, **2020**, 730, 139091	10.2	11
192	Electromagnetic absorption of SRR based double-inverse E-Shaped metamaterial for DCS, EESC, 5G, and WiMAX applications. *Chinese Journal of Physics*, **2020**, 66, 349-361	3.5	9
191	Radiation dose to Malaysian populace via the consumption of roasted ground and instant coffee. *Radiation Physics and Chemistry*, **2020**, 173, 108886	2.5	7
190	Wide Bandwidth Angle- and Polarization-Insensitive Symmetric Metamaterial Absorber for X and Ku Band Applications. *Scientific Reports*, **2020**, 10, 10338	4.9	20
189	Digital metamaterial filter for encoding information. *Scientific Reports*, **2020**, 10, 3289	4.9	7
188	A dual band left-handed metamaterial-enabled design for satellite applications. *Results in Physics*, **2020**, 16, 102942	3.7	20
187	Development of a Robust Multi-Scale Featured Local Binary Pattern for Improved Facial Expression Recognition. *Sensors*, **2020**, 20,	3.8	5
186	Electric field controlled cohesive symmetric hook-C shape inspired metamaterial for S-band application. *Chinese Journal of Physics*, **2020**, 68, 28-38	3.5	4
185	Double H-shaped complementary split ring resonator with different orientations for quad-band satellite applications. *Results in Physics*, **2020**, 19, 103427	3.7	6
184	Inverse double-C shaped square split ring resonator based metamaterial with multi-resonant frequencies for satellite band applications. *Results in Physics*, **2020**, 19, 103454	3.7	0
183	Left-handed Circular-Shaped Compact Metamaterial for X- and Ku-Band applications. *Journal of Physics: Conference Series*, **2020**, 1529, 052021	0.3	
182	A compact square-shaped left-handed passive metamaterial with optimized quintuple resonance frequencies for satellite applications. *Chinese Journal of Physics*, **2020**, 67, 360-375	3.5	2
181	Specific absorption rate reduction of multi split square ring metamaterial for L- and S-band application. *Results in Physics*, **2019**, 15, 102668	3.7	26

180	Composite circular split ring resonator (CSRR)-based left-handed metamaterial for C- and Ku-band application. *Results in Physics*, **2019**, 14, 102435	3.7	27
179	Design and analysis of compact perfect metamaterial absorber for X-band applications. *IOP Conference Series: Earth and Environmental Science*, **2019**, 228, 012020	0.3	1
178	Bandwidth enhanced metamaterial embedded inverse L-slotted antenna for WiFi/WLAN/WiMAX wireless communication. *Materials Research Express*, **2019**, 6, 085805	1.7	6
177	Polarization-insensitive infrared-visible perfect metamaterial absorber and permittivity sensor. *Results in Physics*, **2019**, 14, 102429	3.7	13
176	TERRESTRIAL RADIONUCLIDES IN SURFACE (DAM) WATER AND CONCOMITANT DOSE IN METROPOLITAN KUALA LUMPUR. *Radiation Protection Dosimetry*, **2019**, 185, 343-350	0.9	18
175	Preparation of Flexible Substrate for Patch Antenna Based on Nickel Aluminate (NiAl2O4) Synthesized by Sol□el Method. *Journal of Electronic Materials*, **2019**, 48, 2932-2939	1.9	2
174	A New Double-Negative Material for Multi-band Satellite Applications. *Lecture Notes in Electrical Engineering*, **2019**, 357-364	0.2	1
173	New Compact Perfect Metamaterial Absorber for Dual Band Applications. *Lecture Notes in Electrical Engineering*, **2019**, 381-386	0.2	0
172	Aztec shape metamaterial-based bandpass filter for C, X and Ku-band applications. *IOP Conference Series: Earth and Environmental Science*, **2019**, 228, 012019	0.3	4
171	Thin-Layer Dielectric and Left-Handed Metamaterial Stacked Compact Triband Antenna for 2 GHz to 4 GHz Wireless Networks. *Journal of Electronic Materials*, **2019**, 48, 3979-3990	1.9	3
170	Nickel Particle-Based Compact Flexible Antenna for Modern Communication Systems. *Electronics (Switzerland)*, **2019**, 8, 787	2.6	2
169	Flexible nickel aluminate (NiAl2O4) based dual-band double negative metamaterial for microwave applications. *Results in Physics*, **2019**, 14, 102524	3.7	20
168	Electrically Compact SRR-Loaded Metamaterial Inspired Quad Band Antenna for Bluetooth/WiFi/WLAN/WiMAX System. *Electronics (Switzerland)*, **2019**, 8, 790	2.6	18
167	Polarization-dependent tunneled metamaterial structure with enhanced fields properties for X-band application. *Results in Physics*, **2019**, 15, 102530	3.7	21
166	U-joint Double split O (UDO) shaped with split square metasurface absorber for X and ku band application. *Results in Physics*, **2019**, 15, 102757	3.7	12
165	Left-handed metamaterial bandpass filter for GPS, Earth Exploration-Satellite and WiMAX frequency sensing applications. *PLoS ONE*, **2019**, 14, e0224478	3.7	11
164	Design of Split Hexagonal Patch Array Shaped Nano-metaabsorber with Ultra-wideband Absorption for Visible and UV Spectrum Application. *Nanoscale Research Letters*, **2019**, 14, 393	5	5
163	Split ring resonator loaded horizontally inverse double L-shaped metamaterial for C-, X- and Ku-Band Microwave applications. *Results in Physics*, **2019**, 12, 2112-2122	3.7	32

162	Design and analysis of modified-split-H-shaped DNG metamaterial for microwave application. *Materials Research Express*, **2019**, 6, 125808	1.7	4
161	Split ring resonator loaded EF-structured left-handed metamaterial for modern electronic communications. *EPJ Applied Physics*, **2019**, 88, 30901	1.1	
160	Left-handed metamaterial bandpass filter for GPS, Earth Exploration-Satellite and WiMAX frequency sensing applications **2019**, 14, e0224478		
159	Left-handed metamaterial bandpass filter for GPS, Earth Exploration-Satellite and WiMAX frequency sensing applications **2019**, 14, e0224478		
158	Left-handed metamaterial bandpass filter for GPS, Earth Exploration-Satellite and WiMAX frequency sensing applications **2019**, 14, e0224478		
157	Left-handed meta-surface loaded with ring resonator modelling for satellite application. *International Journal of Satellite Communications and Networking*, **2018**, 36, 352-360	1.7	2
156	A new metamaterial-based wideband rectangular invisibility cloak. *Applied Physics A: Materials Science and Processing*, **2018**, 124, 1	2.6	18
155	Effective Medium Ratio Obeying Wideband Left-Handed Miniaturized Meta-atoms for Multi-band Applications. *Journal of Electronic Materials*, **2018**, 47, 1859-1870	1.9	7
154	Dual Band Metamaterial Antenna For LTE/Bluetooth/WiMAX System. *Scientific Reports*, **2018**, 8, 1240	4.9	57
153	Tree-shaped fractal meta-surface with left-handed characteristics for absorption application. *Applied Physics A: Materials Science and Processing*, **2018**, 124, 1	2.6	15
152	Beam steering of eye shape metamaterial design on dispersive media by FDTD method. *International Journal of Numerical Modelling: Electronic Networks, Devices and Fields*, **2018**, 31, e2319	1	9
151	Architecture of a unified split P-shaped swarming metamaterial for thermal mutation. *Microwave and Optical Technology Letters*, **2018**, 60, 1388-1395	1.2	6
150	Design and analysis with different substrate materials of a new metamaterial for satellite applications. *Science and Engineering of Composite Materials*, **2018**, 25, 59-66	1.5	5
149	Bee-Comb-Shap Left-Handed Metamaterial for Terahertz Application **2018**, 339-348		
148	Open Loop Resonator-Based Triple Passband Filter for 1.5 GHz, 2.45 GHz and 3.65 GHz Applications. *Journal of Electronic Materials*, **2018**, 47, 6153-6162	1.9	1
147	A Compact SWB Antenna Using Parasitic Strip **2018**, 215-223		1
146	Improved Square-Z-Shaped DNG Meta-Atom for C- and X-Band Application. *Current Science*, **2018**, 114, 2518	2.2	5
145	An Effective Medium Ratio Obeying Wideband Left-Handed Meta-Atom for Multiband Applications **2018**, 295-303		

144	A Terahertz Meta-Surface with Left-Handed Characteristics for Absorbing Applications **2018**, 305-315		
143	Perfect metamaterial absorber with high fractional bandwidth for solar energy harvesting. *PLoS ONE*, **2018**, 13, e0207314	3.7	18
142	Depiction and analysis of a modified theta shaped double negative metamaterial for satellite application. *Open Physics*, **2018**, 16, 839-847	1.3	11
141	Calibration Model of a Low-Cost Air Quality Sensor Using an Adaptive Neuro-Fuzzy Inference System. *Sensors*, **2018**, 18,	3.8	10
140	Preparation of NiAlO-Based Flexible Substrates for Metamaterials with Negative Dielectric Properties. *Scientific Reports*, **2018**, 8, 14948	4.9	19
139	A broadband negative refractive index meta-atom for quad-band and sensor applications. *Microwave and Optical Technology Letters*, **2018**, 60, 2899-2907	1.2	6
138	Double-split labyrinth resonator with defective ground system for wide-band band-stop filter application. *AIP Advances*, **2018**, 8, 085127	1.5	1
137	A Multi-band Planar Double-Incidence Miniaturized Double-Negative Metamaterial **2018**, 225-234		
136	Left-Handed Network-Shaped Metamaterial for Visible Frequency **2018**, 485-494		
135	Labyrinth double split open loop resonator based bandpass filter design for S, C and X-band application. *Journal Physics D: Applied Physics*, **2018**, 51, 265102	3	14
134	Depiction of a Combined Split P-Shaped Compact Metamaterial for Dual-Band Microwave Application **2018**, 235-244		
133	Left-handed metamaterial inspired by joint T-D geometry on flexible NiAl2O4 substrate. *PLoS ONE*, **2018**, 13, e0199150	3.7	13
132	Depiction and analysis of a modified H-shaped double-negative meta atom for satellite communication. *International Journal of Microwave and Wireless Technologies*, **2018**, 10, 1155-1165	0.8	5
131	Design of a compact UWB antenna with a partial ground plane on epoxy woven glass material. *Science and Engineering of Composite Materials*, **2017**, 24, 73-79	1.5	1
130	Design and absorption analysis of a new multiband split-S-shaped metamaterial. *Science and Engineering of Composite Materials*, **2017**, 24, 139-148	1.5	9
129	Microstrip line-fed monopole antenna on an epoxy-resin-reinforced woven-glass material for super wideband applications. *Science and Engineering of Composite Materials*, **2017**, 24, 361-370	1.5	
128	Design and analysis of a complementary split ring resonator (CSRR) metamaterial based antenna for wideband application. *Science and Engineering of Composite Materials*, **2017**, 24, 573-580	1.5	3
127	A novel biaxial double-negative metamaterial for electromagnetic rectangular cloaking operation. *Science and Engineering of Composite Materials*, **2017**, 24, 335-343	1.5	3

126	A comparative study of the PIFA and printed monopole antenna EM absorption. *Biomedizinische Technik*, **2017**, 62, 13-21	1.3	1
125	Circularly split-ring-resonator-based frequency-reconfigurable antenna. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	3
124	Multiband left handed biaxial meta atom at microwave frequency. *Materials Research Express*, **2017**, 4, 035015	1.7	10
123	A dual-polarized metamaterial-based cloak. *Materials Research Bulletin*, **2017**, 96, 250-253	5.1	6
122	An effective medium ratio following miniaturized concentric meta-atom for S- and C-band applications. *Microwave and Optical Technology Letters*, **2017**, 59, 1233-1240	1.2	1
121	Design and analysis of a new composite double negative metamaterial for multi-band communication. *Current Applied Physics*, **2017**, 17, 931-939	2.6	22
120	Split quadrilateral multiband microstrip patch antenna design for modern communication system. *Microwave and Optical Technology Letters*, **2017**, 59, 1530-1538	1.2	2
119	A Mirror Shape Chiral Meta Atom for C-Band Communication. *IEEE Access*, **2017**, 5, 21217-21222	3.5	13
118	Specific absorption rate (SAR) analysis using plastic substrate based negative indexed metamaterial shielding **2017**,		1
117	An effective medium ratio obeying meta-atom for multiband applications. *Bulletin of the Polish Academy of Sciences: Technical Sciences*, **2017**, 65, 139-147		2
116	A combined double H-shaped microstrip patch antenna for X-band operation **2017**,		2
115	Inverse E-shape chiral metamaterial for long distance telecommunication. *Microwave and Optical Technology Letters*, **2017**, 59, 1772-1776	1.2	4
114	A new metasurface based on meta-atom cluster for terahertz applications. *Microwave and Optical Technology Letters*, **2017**, 59, 2052-2057	1.2	1
113	Left-handed metamaterial using Z-shaped SRR for multiband application by azimuthal angular rotations. *Materials Research Express*, **2017**, 4, 045801	1.7	8
112	A single layer negative index meta atom at microwave frequencies. *Microwave and Optical Technology Letters*, **2017**, 59, 1450-1454	1.2	8
111	Design and analysis of a new double C-shaped miniaturized metamaterial for multiband applications. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	7
110	Two components NRI metamaterial for dual band applications. *Microwave and Optical Technology Letters*, **2017**, 59, 1092-1096	1.2	5
109	A new wideband negative refractive index metamaterial for dual-band operation. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	3

108	EM absorption reduction in wireless mobile antenna using printed paper-based metamaterial. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	5
107	Low-SAR metamaterial-inspired printed monopole antenna. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	4
106	Compact and broadband antenna using double-negative transmission line metamaterial. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	6
105	Double-negative metamaterial for mobile phone application. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	3
104	A polarization dependent left handed metamaterial for telecommunication. *IEICE Electronics Express*, **2017**, 14, 20171073-20171073	0.5	2
103	Parametric studies on split S-shaped composite meta atom for X-band communication. *Bulletin of the Polish Academy of Sciences: Technical Sciences*, **2017**, 65, 533-539		3
102	Composite left-handed meta-atom for tri-band operation. *Materials Research Express*, **2017**, 4, 095801	1.7	5
101	A new double T-U-shaped biaxial compact double-negative meta-atom for multiband applications. *Microwave and Optical Technology Letters*, **2017**, 59, 2551-2557	1.2	3
100	Multi-band planar miniaturised negative-index metamaterials. *Materials Technology*, **2017**, 32, 764-769	2.1	2
99	A tri-band microwave perfect metamaterial absorber. *Microwave and Optical Technology Letters*, **2017**, 59, 2302-2307	1.2	19
98	A new miniaturized negative-index meta-atom for tri-band applications. *Open Physics*, **2017**, 15, 464-471	1.3	2
97	Wideband 90□Azimuthal Miniaturized Meta Atom with Left-Handed Characteristics. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 1-1	3.8	7
96	Split quadrilateral miniaturised multiband microstrip patch antenna design for modern communication system. *IET Microwaves, Antennas and Propagation*, **2017**, 11, 1317-1323	1.6	9
95	Compact Left-Handed Meta-Atom for S-, C- and Ku-Band Application. *Applied Sciences (Switzerland)*, **2017**, 7, 1071	2.6	26
94	A New Compact Octagonal Shape Perfect Metamaterial Absorber for Microwave Applications. *Applied Sciences (Switzerland)*, **2017**, 7, 1263	2.6	11
93	An ENG metamaterial based wideband electromagnetic cloak. *Microwave and Optical Technology Letters*, **2016**, 58, 2522-2525	1.2	11
92	An Object-Independent ENZ Metamaterial-Based Wideband Electromagnetic Cloak. *Scientific Reports*, **2016**, 6, 33624	4.9	31
91	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	0.4	4

90	A Parametric Study of Compact UWB Antenna with Multiple Notched-Band Functions. *Lecture Notes in Electrical Engineering*, **2016**, 155-162	0.2	
89	Specific absorption rate analysis of broadband mobile antenna with negative index metamaterial. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	4
88	Design and analysis of coupled-resonator reconfigurable antenna. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	4
87	A corded shape printed wideband antenna design for multi-standard mobile applications. *Telecommunication Systems*, **2016**, 62, 511-518	2.3	2
86	A new wideband negative-refractive-index metamaterial. *Materiali in Tehnologije*, **2016**, 50, 873-877	1.6	3
85	A Comparative Study of the Effects of Substrate Composite Materials on External and Internal Handset Antenna EM Absorption. *Medziagotyra*, **2016**, 22,	0.4	1
84	LIMITATIONS OF METAMATERIALS FOR INVISIBILITY CLOAKING. *Jurnal Teknologi (Sciences and Engineering)*, **2016**, 78,	1.2	1
83	A New Compact Double-Negative Miniaturized Metamaterial for Wideband Operation. *Materials*, **2016**, 9,	3.5	61
82	A quadrilateral shape broadband antenna for wireless application. *International Journal of Applied Electromagnetics and Mechanics*, **2016**, 50, 45-49	0.4	1
81	Design of a patch antenna for ultra wide band applications. *Microwave and Optical Technology Letters*, **2016**, 58, 2152-2156	1.2	19
80	A metamaterial unit cell inspired antenna for mobile wireless applications. *Microwave and Optical Technology Letters*, **2016**, 58, 263-267	1.2	19
79	Detection of breast cancer using electromagnetic techniques: A review. *International Journal of Applied Electromagnetics and Mechanics*, **2016**, 51, 215-233	0.4	2
78	Design of a split P-shaped multiband microstrip patch antenna for modern communication system **2016**,		2
77	A new NZRI metamaterial for electromagnetic cloaking operation. *International Journal of Applied Electromagnetics and Mechanics*, **2016**, 50, 145-153	0.4	
76	Low SAR planar inverted-F antenna for mobile phone **2016**,		2
75	Subwavelength operating metamaterial for multiband applications. *Microwave and Optical Technology Letters*, **2016**, 58, 3004-3008	1.2	15
74	Bird Face Microstrip Printed Monopole Antenna Design for Ultra Wide Band Applications. *Frequenz*, **2016**, 70,	0.6	3
73	Probe-fed rectangular patch antenna for wireless communication **2015**,		1

72	Design of a microstrip antenna on Duroid 5870 substrate material for Ku and K-band applications. *Tehnicki Vjesnik*, **2015**, 22, 71-77	1	1
71	Low SAR Microstrip Patch Antenna for Mobile Phone. *Frequenz*, **2015**, 69,	0.6	2
70	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, 11601-27	3.8	55
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