

Mohammad Tariqul Islam

List of Publications by Year in Descending Order

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

455
papers

5,310
citations

34
h-index

52
g-index

551
ext. papers

8,244
ext. citations

2.6
avg, IF

6.57
L-index

#	Paper	IF	Citations
455	Polarization insensitive symmetrical structured double negative (DNG) metamaterial absorber for Ku-band sensing applications.. <i>Scientific Reports</i> , 2022 , 12, 479	4.9	6
454	Deep Learning for Reliable Classification of COVID-19, MERS, and SARS from Chest X-ray Images.. <i>Cognitive Computation</i> , 2022 , 1-21	4.4	5
453	Magnetic, dielectric and structural properties of $\text{Co}_x\text{Zn}_{(0.90-x)}\text{Al}_{0.10}\text{Fe}_2\text{O}_4$ synthesized by sol-gel method with application as flexible microwave substrates for microstrip patch antenna. <i>Journal of Materials Research and Technology</i> , 2022 , 16, 934-943	5.5	0
452	Specific absorption rate reduction for sub-6 frequency range using polarization dependent metamaterial with high effective medium ratio.. <i>Scientific Reports</i> , 2022 , 12, 1803	4.9	0
451	Radar cross-section reduction using polarisation-dependent passive metamaterial for satellite communication. <i>Chinese Journal of Physics</i> , 2022 , 76, 251-268	3.5	4
450	QCovSML: A reliable COVID-19 detection system using CBC biomarkers by a stacking machine learning model.. <i>Computers in Biology and Medicine</i> , 2022 , 143, 105284	7	5
449	Optimization of passive metamaterial design with high effective medium ratio for wireless communications. <i>Journal of Magnetism and Magnetic Materials</i> , 2022 , 546, 168912	2.8	1
448	Wide-Oblique-Incident-Angle Stable Polarization-Insensitive Ultra-Wideband Metamaterial Perfect Absorber for Visible Optical Wavelength Applications.. <i>Materials</i> , 2022 , 15,	3.5	2
447	Polarization and angular insensitive bendable metamaterial absorber for UV to NIR range.. <i>Scientific Reports</i> , 2022 , 12, 4857	4.9	3
446	Rotational symmetry engineered, polarization and incident angle-insensitive, perfect metamaterial absorber for X and Ku band wireless applications.. <i>Scientific Reports</i> , 2022 , 12, 3740	4.9	0
445	Wide-angle broadband polarization independent bend-able nano-meta absorber employed in optical wavelength. <i>Optical Materials</i> , 2022 , 126, 112174	3.3	0
444	Triple band microwave metamaterial absorber based on double E-shaped symmetric split ring resonators for EMI shielding and stealth applications. <i>Journal of Materials Research and Technology</i> , 2022 , 18, 1653-1668	5.5	4
443	Rectangular slot with inner circular ring patch and partial ground plane based broadband monopole low SAR patch antenna for head imaging applications. <i>Chinese Journal of Physics</i> , 2022 , 77, 250-268	3.5	2
442	A deep learning model to classify and detect brain abnormalities in portable microwave based imaging system.. <i>Scientific Reports</i> , 2022 , 12, 6319	4.9	3
441	Wide bandwidth enriched symmetric hexagonal split ring resonator based triple band negative permittivity metamaterial for satellite and Wi-Fi applications. <i>Results in Physics</i> , 2022 , 37, 105511	3.7	1
440	HipXNet: Deep Learning Approaches to Detect Aseptic Loos-ening of Hip Implants using X-Ray Images. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
439	Metamaterial sensor based on rectangular enclosed adjacent triple circle split ring resonator with good quality factor for microwave sensing application.. <i>Scientific Reports</i> , 2022 , 12, 6792	4.9	2

438	A dual-band CPW-fed miniature planar antenna for S-, C-, WiMAX, WLAN, UWB, and X-band applications.. <i>Scientific Reports</i> , 2022 , 12, 7584	4.9	0
437	Gap coupled symmetric split ring resonator based near zero index ENG metamaterial for gain improvement of monopole antenna.. <i>Scientific Reports</i> , 2022 , 12, 7406	4.9	1
436	An angular stable triple-band anisotropic cross-polarization conversion metasurface. <i>Results in Physics</i> , 2022 , 37, 105564	3.7	0
435	The circularly bent split ring resonator with a high effective medium ratio for multi frequency satellite band applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2022 , 169464	2.8	0
434	Dual square split ring enclosed spiral shaped hybrid metamaterial resonator with size miniaturisation for microwave wireless applications.. <i>Scientific Reports</i> , 2022 , 12, 8028	4.9	0
433	Polarization insensitive dual band metamaterial with absorptance for 5G sub-6GHz applications.. <i>Scientific Reports</i> , 2022 , 12, 8495	4.9	2
432	Compact Multiband Reconfigurable MIMO Antenna for Sub- 6GHz 5G Mobile Terminal. <i>IEEE Access</i> , 2022 , 1-1	3.5	2
431	Radio Frequency Energy Harvesting Technologies: A Comprehensive Review on Designing, Methodologies, and Potential Applications. <i>Sensors</i> , 2022 , 22, 4144	3.8	4
430	Polarization Independent Metamaterial Absorber with Anti-Reflection Coating Nanoarchitectonics for Visible and Infrared Window Applications. <i>Materials</i> , 2022 , 15, 3733	3.5	1
429	Metamaterial sensor based on reflected mirror rectangular split ring resonator for the application of microwave sensing. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022 , 198, 111416	4.6	0
428	Symmetric resonator based tunable epsilon negative near zero index metamaterial with high effective medium ratio for multiband wireless applications. <i>Scientific Reports</i> , 2021 , 11, 21842	4.9	1
427	Metamaterial based on an inverse double V loaded complementary square split ring resonator for radar and Wi-Fi applications. <i>Scientific Reports</i> , 2021 , 11, 21782	4.9	2
426	Experimental tissue mimicking human head phantom for estimation of stroke using IC-CF-DMAS algorithm in microwave based imaging system. <i>Scientific Reports</i> , 2021 , 11, 22015	4.9	
425	Tri Circle Split Ring Resonator Shaped Metamaterial With Mathematical Modeling for Oil Concentration Sensing. <i>IEEE Access</i> , 2021 , 9, 161087-161102	3.5	4
424	A CNN-Based Smart Waste Management System Using TensorFlow Lite and LoRa-GPS Shield in Internet of Things Environment. <i>IEEE Access</i> , 2021 , 9, 153560-153574	3.5	2
423	Wireless Charging of Electric Vehicle While Driving. <i>IEEE Access</i> , 2021 , 9, 157973-157983	3.5	0
422	Polarization-independent perfect metamaterial absorber for C, X and, Ku band applications. <i>Journal of Materials Research and Technology</i> , 2021 , 15, 3722-3732	5.5	4
421	A multi-split based square split ring resonator for multiband satellite applications with high effective medium ratio. <i>Results in Physics</i> , 2021 , 22, 103865	3.7	5

420	A mutual coupled spider net-shaped triple split ring resonator based epsilon-negative metamaterials with high effective medium ratio for quad-band microwave applications. <i>Results in Physics</i> , 2021 , 22, 103902	3.7	3
419	Microwave Breast Imaging Using Compressed Sensing Approach of Iteratively Corrected Delay Multiply and Sum Beamforming. <i>Diagnostics</i> , 2021 , 11,	3.8	4
418	Instrumented Hip Implant: A Review. <i>IEEE Sensors Journal</i> , 2021 , 21, 7179-7194	4	1
417	Synthesis and characterization of Mg-Zn ferrite based flexible microwave composites and its application as SNG metamaterial. <i>Scientific Reports</i> , 2021 , 11, 7654	4.9	6
416	Enhancement of magnetic field intensity with a left-handed metamaterial tunnel resonator for obstacle sensing. <i>Chinese Journal of Physics</i> , 2021 , 70, 91-105	3.5	4
415	Penta band single negative meta-atom absorber designed on square enclosed star-shaped modified split ring resonator for S-, C-, X- and Ku- bands microwave applications. <i>Scientific Reports</i> , 2021 , 11, 8784	4.9	5
414	Exploring the effect of image enhancement techniques on COVID-19 detection using chest X-ray images. <i>Computers in Biology and Medicine</i> , 2021 , 132, 104319	7	127
413	Review on Medical Implantable Antenna Technology and Imminent Research Challenges. <i>Sensors</i> , 2021 , 21,	3.8	7
412	Ultra-wideband monopole antenna with U and L shaped slotted patch for applications in 5G and short distance wireless communications. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2021 , 66, 159-180	0.4	1
411	Polarization-independent symmetrical digital metasurface absorber. <i>Results in Physics</i> , 2021 , 24, 103985	3.7	8
410	Automatic and Reliable Leaf Disease Detection Using Deep Learning Techniques. <i>AgriEngineering</i> , 2021 , 3, 294-312	2.2	19
409	Prediction of instantaneous likeability of advertisements using deep learning. <i>Cognitive Computation and Systems</i> , 2021 , 3, 263-275	1.2	0
408	Parabolic Split Ring Resonator (PSRR) based MNZ metamaterial with angular rotation for WiFi/WiMax/Wireless/ISM band applications. <i>Chinese Journal of Physics</i> , 2021 , 71, 753-769	3.5	3
407	Inductively tuned modified split ring resonator based quad band epsilon negative (ENG) with near zero index (NZI) metamaterial for multiband antenna performance enhancement. <i>Scientific Reports</i> , 2021 , 11, 11950	4.9	4
406	Polarization-independent multiband double-negative metamaterial through ferrite-based flexible substrate with tunable microwave dielectric properties. <i>Results in Physics</i> , 2021 , 25, 104214	3.7	1
405	Quad-band flexible magnesium zinc ferrite (MgZnFe ₂ O ₄)-based double negative metamaterial for microwave applications. <i>Chinese Journal of Physics</i> , 2021 , 71, 351-364	3.5	1
404	Polarization-Independent Broadband Optical Regime Metamaterial Absorber for Solar Harvesting: A Numerical Approach. <i>Chinese Journal of Physics</i> , 2021 , 71, 699-715	3.5	7
403	An octa-band planar monopole antenna for portable communication devices. <i>Scientific Reports</i> , 2021 , 11, 15298	4.9	0

402	Broadband single-layer reflectarray antenna loaded with meander-delay-lines for X-band applications. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 1105-1112	6.1	1
401	Factors influencing the adoption of crowdfunding in Bangladesh: A study of start-up entrepreneurs. <i>Information Development</i> , 2021 , 37, 72-89	1.6	3
400	A Portable Electromagnetic Head Imaging System Using Metamaterial Loaded Compact Directional 3D Antenna. <i>IEEE Access</i> , 2021 , 9, 50893-50906	3.5	8
399	Development and Validation of an Early Scoring System for Prediction of Disease Severity in COVID-19 Using Complete Blood Count Parameters. <i>IEEE Access</i> , 2021 , 9, 120422-120441	3.5	8
398	CPW-Fed Super-Wideband Antenna With Modified Vertical Bow-Tie-Shaped Patch for Wireless Sensor Networks. <i>IEEE Access</i> , 2021 , 9, 5343-5353	3.5	3
397	A Multi-Band Near Perfect Polarization and Angular Insensitive Metamaterial Absorber With a Simple Octagonal Resonator for Visible Wavelength. <i>IEEE Access</i> , 2021 , 9, 117746-117760	3.5	8
396	A YOLOv3 Deep Neural Network Model to Detect Brain Tumor in Portable Electromagnetic Imaging System. <i>IEEE Access</i> , 2021 , 9, 82647-82660	3.5	8
395	Left-handed compact multi-band circular metamaterial for S-, C- and Ku-band applications. <i>Materials Today: Proceedings</i> , 2021 , 42, 1374-1381	1.4	0
394	Reduction of 5G cellular network radiation in wireless mobile phone using an asymmetric square shaped passive metamaterial design. <i>Scientific Reports</i> , 2021 , 11, 2619	4.9	6
393	Linear regression of sensitivity for meander line parasitic resonator based on ENG metamaterial in the application of sensing. <i>Journal of Materials Research and Technology</i> , 2021 , 10, 1103-1121	5.5	4
392	Symmetric square shaped metamaterial structure with quintuple resonance frequencies for S, C, X and Ku band applications. <i>Scientific Reports</i> , 2021 , 11, 4270	4.9	3
391	Angle-insensitive co-polarized metamaterial absorber based on equivalent circuit analysis for dual band WiFi applications. <i>Scientific Reports</i> , 2021 , 11, 13791	4.9	7
390	Broadband Sub-6GHz Slot-based MIMO Antenna for 5G NR Bands Mobile Applications. <i>Journal of Physics: Conference Series</i> , 2021 , 1962, 012038	0.3	1
389	Metamaterial array based meander line planar antenna for cube satellite communication. <i>Scientific Reports</i> , 2021 , 11, 14087	4.9	7
388	Parallel LC shaped metamaterial resonator for C and X band satellite applications with wider bandwidth. <i>Scientific Reports</i> , 2021 , 11, 16247	4.9	3
387	Double negative bend headed I-shaped metamaterial based Terahertz optical power splitter. <i>Results in Physics</i> , 2021 , 27, 104492	3.7	1
386	A double hollow rectangular-shaped patch and with the slotted ground plane monopole wideband antenna for microwave head imaging applications. <i>International Journal of Communication Systems</i> , 2021 , 34, e4958	1.7	0
385	Compact ellipse shaped patch with ground slotted broadband monopole patch antenna for head imaging applications. <i>Chinese Journal of Physics</i> , 2021 , 72, 310-326	3.5	4

384	Realization of frequency hopping characteristics of an epsilon negative metamaterial with high effective medium ratio for multiband microwave applications. <i>Scientific Reports</i> , 2021 , 11, 16898	4.9	4
383	Polarization insensitivity characterization of dual-band perfect metamaterial absorber for K band sensing applications. <i>Scientific Reports</i> , 2021 , 11, 17829	4.9	10
382	Modified double dumbbell-shaped split-ring resonator-based negative permittivity metamaterial for satellite communications with high effective medium ratio. <i>Scientific Reports</i> , 2021 , 11, 19331	4.9	5
381	A dual-band polarization-independent left-handed symmetrical metamaterial for communication system application. <i>Journal of Materials Research and Technology</i> , 2021 , 15, 731-744	5.5	1
380	Multimodal EEG and Keystroke Dynamics Based Biometric System Using Machine Learning Algorithms. <i>IEEE Access</i> , 2021 , 9, 94625-94643	3.5	10
379	A Wide-Angle, Enhanced Oblique Incidence, Bend-Able Metamaterial Absorber Employed in Visible Region With a Sun Shape Resonator. <i>IEEE Access</i> , 2021 , 9, 126466-126480	3.5	3
378	. <i>IEEE Access</i> , 2021 , 9, 59148-59159	3.5	0
377	Electromagnetic radiation reduction using novel metamaterial for cellular applications. <i>Radiation Physics and Chemistry</i> , 2021 , 178, 108976	2.5	7
376	A Planar Ultrawideband Patch Antenna Array for Microwave Breast Tumor Detection. <i>Materials</i> , 2020 , 13,	3.5	6
375	Synthesis, Characterization and Development of Energy Harvesting Techniques Incorporated with Antennas: A Review Study. <i>Sensors</i> , 2020 , 20,	3.8	13
374	Increasing the Q-factor of thin planar dielectric resonator with whispering gallery modes. <i>International Journal of Microwave and Wireless Technologies</i> , 2020 , 12, 960-968	0.8	
373	Electromagnetic absorption of SRR based double-inverse E-Shaped metamaterial for DCS, EESC, 5G, and WiMAX applications. <i>Chinese Journal of Physics</i> , 2020 , 66, 349-361	3.5	9
372	. <i>IEEE Access</i> , 2020 , 8, 106982-106992	3.5	16
371	Polarization-Independent Ultra-Wideband Metamaterial Absorber for Solar Harvesting at Infrared Regime. <i>Materials</i> , 2020 , 13,	3.5	4
370	A tri-band left-handed meta-atom enabled designed with high effective medium ratio for microwave based applications. <i>Results in Physics</i> , 2020 , 17, 103032	3.7	11
369	A Low-Profile Wideband Antenna for WWAN/LTE Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 393	2.6	9
368	An Octagonal Ring-shaped Parasitic Resonator Based Compact Ultrawideband Antenna for Microwave Imaging Applications. <i>Sensors</i> , 2020 , 20,	3.8	16
367	Low-Profile Slotted Metamaterial Antenna Based on Bi Slot Microstrip Patch for 5G Application. <i>Sensors</i> , 2020 , 20,	3.8	5

366	Wide Bandwidth Angle- and Polarization-Insensitive Symmetric Metamaterial Absorber for X and Ku Band Applications. <i>Scientific Reports</i> , 2020 , 10, 10338	4.9	20
365	A compact skull-shaped defected ground super wideband microstrip monopole antenna for short-distance wireless communication. <i>International Journal of Communication Systems</i> , 2020 , 33, e4527-7	1.7	2
364	In-Vivo and Ex-Vivo Measurements of Blood Glucose Using Whispering Gallery Modes. <i>Sensors</i> , 2020 , 20,	3.8	6
363	Digital metamaterial filter for encoding information. <i>Scientific Reports</i> , 2020 , 10, 3289	4.9	7
362	A UHF CPW-fed patch antenna for nanosatellite store and forward mission. <i>Microsystem Technologies</i> , 2020 , 26, 2399-2405	1.7	2
361	Metamaterial Cell-Based Superstrate towards Bandwidth and Gain Enhancement of Quad-Band CPW-Fed Antenna For Wireless Applications. <i>Sensors</i> , 2020 , 20,	3.8	15
360	Numerical Analysis of Single Negative Broadband Metamaterial Absorber Based on Tri Thin Layer Material in Visible Spectrum for Solar Cell Energy Harvesting. <i>Plasmonics</i> , 2020 , 15, 1061-1069	2.4	9
359	A dual band left-handed metamaterial-enabled design for satellite applications. <i>Results in Physics</i> , 2020 , 16, 102942	3.7	20
358	Compact Ultra-Wideband Monopole Antenna Loaded with Metamaterial. <i>Sensors</i> , 2020 , 20,	3.8	14
357	. <i>IEEE Access</i> , 2020 , 8, 227678-227689	3.5	5
356	Electric field controlled cohesive symmetric hook-C shape inspired metamaterial for S-band application. <i>Chinese Journal of Physics</i> , 2020 , 68, 28-38	3.5	4
355	. <i>IEEE Access</i> , 2020 , 8, 181003-181013	3.5	9
354	Double H-shaped complementary split ring resonator with different orientations for quad-band satellite applications. <i>Results in Physics</i> , 2020 , 19, 103427	3.7	6
353	Quad band metamaterial absorber based on asymmetric circular split ring resonator for multiband microwave applications. <i>Results in Physics</i> , 2020 , 19, 103467	3.7	15
352	Computational analysis of octagonal torus-shaped nano meta-atom through fractional absorption bandwidth for applications in the terahertz regime. <i>Results in Physics</i> , 2020 , 19, 103470	3.7	1
351	Inverse double-C shaped square split ring resonator based metamaterial with multi-resonant frequencies for satellite band applications. <i>Results in Physics</i> , 2020 , 19, 103454	3.7	0
350	. <i>IEEE Access</i> , 2020 , 8, 132665-132676	3.5	431
349	A Wide Incident Angle, Ultrathin, Polarization-Insensitive Metamaterial Absorber for Optical Wavelength Applications. <i>IEEE Access</i> , 2020 , 8, 129525-129541	3.5	13

348	SNG and DNG meta-absorber with fractional absorption band for sensing application. <i>Scientific Reports</i> , 2020 , 10, 13086	4.9	8
347	A mutual coupled concentric crossed-Line split ring resonator (CCSRR) based epsilon negative (ENG) metamaterial for Tri-band microwave applications. <i>Results in Physics</i> , 2020 , 18, 103292	3.7	5
346	Left-handed Circular-Shaped Compact Metamaterial for X- and Ku-Band applications. <i>Journal of Physics: Conference Series</i> , 2020 , 1529, 052021	0.3	
345	Automated QT Interval Measurement Using Modified Pan-Tompkins Algorithm with Independent Isoelectric Line Approach. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 2020 , 44, 51-61 ⁶	0.6	
344	Design and parametric analysis of a wide-angle polarization-insensitive metamaterial absorber with a star shape resonator for optical wavelength applications. <i>Results in Physics</i> , 2020 , 18, 103259	3.7	14
343	Modified-Segmented Split-Ring Based Polarization and Angle-Insensitive Multi-Band Metamaterial Absorber for X, Ku and K Band Applications. <i>IEEE Access</i> , 2020 , 8, 144051-144063	3.5	12
342	Coupled ring split ring resonator (CR-SRR) based epsilon negative metamaterial for multiband wireless communications with high effective medium ratio. <i>Results in Physics</i> , 2020 , 18, 103248	3.7	5
341	A compact square-shaped left-handed passive metamaterial with optimized quintuple resonance frequencies for satellite applications. <i>Chinese Journal of Physics</i> , 2020 , 67, 360-375	3.5	2
340	Cross coupled interlinked split ring resonator based epsilon negative metamaterial with high effective medium ratio for multiband satellite and radar communications. <i>Results in Physics</i> , 2020 , 18, 103296	3.7	8
339	. <i>IEEE Access</i> , 2020 , 8, 148793-148811	3.5	38
338	Square enclosed circle split ring resonator enabled epsilon negative (ENG) near zero index (NZI) metamaterial for gain enhancement of multiband satellite and radar antenna applications. <i>Results in Physics</i> , 2020 , 19, 103556	3.7	8
337	Inertia to the adoption of crowdfunding in Bangladesh: A study on start-up entrepreneurs. <i>Cogent Business and Management</i> , 2020 , 7, 1811597	1.6	
336	. <i>IEEE Access</i> , 2020 , 8, 191586-191601	3.5	57
335	. <i>IEEE Access</i> , 2020 , 8, 185698-185724	3.5	12
334	. <i>IEEE Access</i> , 2020 , 8, 157946-157958	3.5	7
333	. <i>IEEE Access</i> , 2020 , 8, 152342-152350	3.5	1
332	A Gap Coupled Hexagonal Split Ring Resonator Based Metamaterial for S-Band and X-Band Microwave Applications. <i>IEEE Access</i> , 2020 , 8, 68239-68253	3.5	26
331	. <i>IEEE Access</i> , 2019 , 7, 127850-127861	3.5	26

330	Estimation of affective dimensions using CNN-based features of audiovisual data. <i>Pattern Recognition Letters</i> , 2019 , 128, 290-297	4.7	3
329	A complementary split ring resonator based metamaterial with effective medium ratio for C-band microwave applications. <i>Results in Physics</i> , 2019 , 15, 102675	3.7	34
328	. <i>IEEE Access</i> , 2019 , 7, 33277-33288	3.5	48
327	A SLOTTED UWB ANTIPODAL VIVALDI ANTENNA FOR MICROWAVE IMAGING APPLICATIONS. <i>Progress in Electromagnetics Research M</i> , 2019 , 80, 35-43	0.6	7
326	Design and analysis of compact perfect metamaterial absorber for X-band applications. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 228, 012020	0.3	1
325	Bandwidth enhanced metamaterial embedded inverse L-slotted antenna for WiFi/WLAN/WiMAX wireless communication. <i>Materials Research Express</i> , 2019 , 6, 085805	1.7	6
324	Polarization-insensitive infrared-visible perfect metamaterial absorber and permittivity sensor. <i>Results in Physics</i> , 2019 , 14, 102429	3.7	13
323	Performance Analysis of a Defected Ground-Structured Antenna Loaded with Stub-Slot for 5G Communication. <i>Sensors</i> , 2019 , 19,	3.8	9
322	Monitoring of the Human Body Signal through the Internet of Things (IoT) Based LoRa Wireless Network System. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1884	2.6	40
321	Effect of lateral Gate Design on the Performance of Junctionless Lateral Gate Transistors. <i>Electronics (Switzerland)</i> , 2019 , 8, 538	2.6	1
320	Automatic QRS Onset Detection of ECG Signal using Secant Line Slope Formula 2019 ,		2
319	A Parasitic Resonator-Based Diamond-Shaped Microstrip Antenna for Microwave Imaging Applications. <i>Electronics (Switzerland)</i> , 2019 , 8, 434	2.6	12
318	Preparation of Flexible Substrate for Patch Antenna Based on Nickel Aluminate (NiAl ₂ O ₄) Synthesized by Sol-Gel Method. <i>Journal of Electronic Materials</i> , 2019 , 48, 2932-2939	1.9	2
317	Near-zero metamaterial inspired UHF antenna for nanosatellite communication system. <i>Scientific Reports</i> , 2019 , 9, 3441	4.9	10
316	New Compact Perfect Metamaterial Absorber for Dual Band Applications. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 381-386	0.2	0
315	A Compact UWB Antenna with Independently Controllable Notch Bands. <i>Sensors</i> , 2019 , 19,	3.8	22
314	A Dual-Port Circular Polarized S-Band Antenna for Nanosatellite Communication System. <i>Journal of Physics: Conference Series</i> , 2019 , 1152, 012003	0.3	
313	Aztec shape metamaterial-based bandpass filter for C, X and Ku-band applications. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 228, 012019	0.3	4

312	Breast Phantom Imaging Using Iteratively Corrected Coherence Factor Delay and Sum. <i>IEEE Access</i> , 2019 , 7, 40822-40832	3.5	26
311	Thin-Layer Dielectric and Left-Handed Metamaterial Stacked Compact Triband Antenna for 2 GHz to 4 GHz Wireless Networks. <i>Journal of Electronic Materials</i> , 2019 , 48, 3979-3990	1.9	3
310	Azimuth Null-Reduced Radiation Pattern, Ultralow Profile, Dual-Wideband and Low Passive Intermodulation Ceiling Mount Antenna for Long Term Evolution Application. <i>IEEE Access</i> , 2019 , 7, 114761-114777	2.5	5
309	Design of a Novel Double Negative Metamaterial Absorber Atom for Ku and K Band Applications. <i>Electronics (Switzerland)</i> , 2019 , 8, 853	2.6	13
308	Nickel Particle-Based Compact Flexible Antenna for Modern Communication Systems. <i>Electronics (Switzerland)</i> , 2019 , 8, 787	2.6	2
307	Flexible nickel aluminate (NiAl ₂ O ₄) based dual-band double negative metamaterial for microwave applications. <i>Results in Physics</i> , 2019 , 14, 102524	3.7	20
306	Electrically Compact SRR-Loaded Metamaterial Inspired Quad Band Antenna for Bluetooth/WiFi/WLAN/WiMAX System. <i>Electronics (Switzerland)</i> , 2019 , 8, 790	2.6	18
305	Polarization-dependent tunneled metamaterial structure with enhanced fields properties for X-band application. <i>Results in Physics</i> , 2019 , 15, 102530	3.7	21
304	U-joint Double split O (UDO) shaped with split square metasurface absorber for X and ku band application. <i>Results in Physics</i> , 2019 , 15, 102757	3.7	12
303	Left-handed metamaterial bandpass filter for GPS, Earth Exploration-Satellite and WiMAX frequency sensing applications. <i>PLoS ONE</i> , 2019 , 14, e0224478	3.7	11
302	Design of Split Hexagonal Patch Array Shaped Nano-metaabsorber with Ultra-wideband Absorption for Visible and UV Spectrum Application. <i>Nanoscale Research Letters</i> , 2019 , 14, 393	5	5
301	An ITO Based High Gain Optically Transparent Wide Band Microstrip Antenna for K Band Satellite Communication 2019 ,		2
300	Split ring resonator loaded horizontally inverse double L-shaped metamaterial for C-, X- and Ku-Band Microwave applications. <i>Results in Physics</i> , 2019 , 12, 2112-2122	3.7	32
299	Metamaterial Inspired High Gain Antenna for Microwave Breast Imaging 2019 ,		2
298	Multilayer Base Station Antenna at 3.5 GHz for Future 5G Indoor Systems 2019 ,		1
297	A Novel Miniaturized Coplanar Waveguide Fed Tapered Slot Ultra Wide Band Vivaldi Antenna For Microwave Imaging Applications 2019 ,		2
296	Split ring resonator loaded EF-structured left-handed metamaterial for modern electronic communications. <i>EPJ Applied Physics</i> , 2019 , 88, 30901	1.1	
295	Human Brain Tumor Detection Using CPW Fed UWB Vivaldi Antenna 2019 ,		3

294	IoT Based Health Monitoring System with LoRa Communication Technology 2019 ,		12
293	A New Split Pitch Square Shape Metamaterial Absorber for X band Application 2019 ,		3
292	A Low Cost and Portable Microwave Imaging System for Breast Tumor Detection Using UWB Directional Antenna array. <i>Scientific Reports</i> , 2019 , 9, 15491	4.9	57
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