

Majeed A S Alkanhal

List of Publications by Year in descending order

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166
papers

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516561

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172
docs citations

172
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Lens Antenna for Wide Angle Beam Scanning at 79 GHz for Automotive Short Range Radar Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 2041-2046.	3.1	94
2	Optimization-based steady state analysis of three phase self-excited induction generator. IEEE Transactions on Energy Conversion, 2000, 15, 61-65.	3.7	76
3	A NOVEL DUAL-BAND RECONFIGURABLE SQUARE-RING MICROSTRIP ANTENNA. Progress in Electromagnetics Research, 2007, 70, 337-349.	1.6	63
4	Sub-THz Antenna for High-Speed Wireless Communication Systems. International Journal of Antennas and Propagation, 2019, 2019, 1-9.	0.7	58
5	A NEW LOW SAR ANTENNA STRUCTURE FOR WIRELESS HANDSET APPLICATIONS. Progress in Electromagnetics Research, 2011, 112, 23-40.	1.6	54
6	COMPOSITE COMPACT TRIPLE-BAND MICROSTRIP ANTENNAS. Progress in Electromagnetics Research, 2009, 93, 221-236.	1.6	52
7	Electromagnetic scattering from a chiral cylinder of arbitrary cross section. IEEE Transactions on Antennas and Propagation, 1996, 44, 1041-1048.	3.1	51
8	Design and System Characterization of Ultra-Wideband Antennas With Multiple Band-Rejection. IEEE Access, 2017, 5, 17988-17996.	2.6	42
9	Dual-band Bandpass Filters using Inverted Stepped-Impedance Resonators. Journal of Electromagnetic Waves and Applications, 2009, 23, 1211-1220.	1.0	34
10	Electromagnetic Wave Scattering by Elliptic Chiral Cylinder. Journal of Electromagnetic Waves and Applications, 2006, 20, 1377-1390.	1.0	31
11	Electromagnetic scattering from anisotropic plasma-coated perfect electromagnetic conductor cylinders. AEU - International Journal of Electronics and Communications, 2014, 68, 767-772.	1.7	31
12	Compact bandstop filter using defected ground structure (DGS). , 2011, , .		27
13	Compact dual-band tunable microstrip antenna for GSM/DCS-1800 applications. IET Microwaves, Antennas and Propagation, 2008, 2, 274.	0.7	25
14	Hybrid Surface Plasmon Polariton Wave Generation and Modulation by Chiral-Graphene-Metal (CGM) Structure. Scientific Reports, 2018, 8, 18029.	1.6	24
15	MULTIBAND FRACTAL-LIKE ANTENNAS. Progress in Electromagnetics Research B, 2011, 29, 339-354.	0.7	22
16	Scattering of electromagnetic wave from perfect electromagnetic conductor cylinders placed in un-magnetized isotropic plasma medium. Optik, 2014, 125, 4779-4783.	1.4	22
17	Excitation requirements of three phase self-excited induction generator under single phase loading with minimum unbalance. , 0, , .		20
18	Radiation properties of a uniaxial chiral quadratic inhomogeneous slab under oblique incidence. Optik, 2014, 125, 1589-1597.	1.4	19

#	ARTICLE	IF	CITATIONS
19	Characteristics of lightâ€“plasmon coupling on chiralâ€“graphene interface. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 90.	0.9	17
20	Orbital angular momentum wave scattering from perfect electromagnetic conductor (PEMC) sphere. Optik, 2022, 253, 168562.	1.4	16
21	Analysis of hybrid surface wave propagation supported by chiral metamaterialâ€“grapheneâ€“metamaterial structures. Results in Physics, 2019, 14, 102378.	2.0	15
22	Design of a Compact Dual-Band MIMO Antenna System with High-Diversity Gain Performance in Both Frequency Bands. Micromachines, 2021, 12, 383.	1.4	15
23	A DR Loaded Substrate Integrated Waveguide Antenna for 60â€“GHz High Speed Wireless Communication Systems. International Journal of Antennas and Propagation, 2014, 2014, 1-9.	0.7	13
24	Electromagnetic waves in parallel plate uniaxial anisotropic chiral waveguides. Optical Materials Express, 2014, 4, 1756.	1.6	13
25	Classification and characterization of electromagnetic materials. Scientific Reports, 2020, 10, 11406.	1.6	13
26	Design of Low-Profile Single- and Dual-Band Antennas for IoT Applications. Electronics (Switzerland), 2021, 10, 2766.	1.8	13
27	Scattering of Laguerreâ€“Gaussian beam from a chiral-coated perfect electromagnetic conductor (PEMC) cylinder. Journal of Computational Electronics, 2022, 21, 253-262.	1.3	13
28	Small size stepped impedance low pass filters. Microwave and Optical Technology Letters, 2007, 49, 2398-2403.	0.9	12
29	Analysis and Design of Ultra-Wideband 3-Way Bagley Power Divider Using Tapered Lines Transformers. International Journal of Microwave Science and Technology, 2012, 2012, 1-6.	0.6	11
30	Public safety assessment of electromagnetic radiation exposure from mobile base stations. Journal of Radiological Protection, 2012, 32, 325-337.	0.6	11
31	A Novel Reconfigurable Dual-Mode Microstrip Meander Loop Filter. , 2008, , .		10
32	Compact Mems Based Reconfigurable Bandpass Microstrip Filter Using Defected Ground Structure (DGS). Journal of Electromagnetic Waves and Applications, 2012, 26, 353-365.	1.0	10
33	Ultra-Wideband Bandpass Filters Using Tapered Resonators. Applied Sciences (Switzerland), 2022, 12, 3699.	1.3	10
34	High gain and wide-band aperture-coupled microstrip patch antenna with mounted horn integrated on FR4 for 60 GHz communication systems. , 2013, , .		9
35	Switched beam dielectric resonator antenna array with six reconfigurable radiation patterns. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 519-530.	0.8	9
36	Millimeter wave antenna with frequency selective surface (FSS) for 79 GHz automotive radar applications. International Journal of Microwave and Wireless Technologies, 2017, 9, 281-290.	1.5	9

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37	Effects on RCS of a perfect electromagnetic conductor sphere in the presence of anisotropic plasma layer. <i>Waves in Random and Complex Media</i> , 2018, 28, 35-48.	1.6	9
38	Effect of dielectric materials on integrated lens antenna for millimeter wave applications. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 1079-1083.	0.9	9
39	Extraction of metamaterial constitutive parameters based on data-driven discontinuity detection. <i>Optical Materials Express</i> , 2019, 9, 3765.	1.6	9
40	Blind identification of nonminimum phase FIR systems: Cumulants matching via genetic algorithms. <i>Signal Processing</i> , 1998, 67, 25-34.	2.1	8
41	Substrate integrated waveguide antennas/array for 60 GHz wireless communication systems. , 2013, , .		8
42	Millimeter Wave Antenna with Mounted Horn Integrated on FR4 for 60GHz Gbps Communication Systems. <i>International Journal of Antennas and Propagation</i> , 2013, 2013, 1-5.	0.7	8
43	Fields in the focal region of an elliptical reflector coated with an unmagnetized plasma layer. <i>Waves in Random and Complex Media</i> , 2015, 25, 405-416.	1.6	8
44	Reduced-size dual band Wilkinson power dividers. , 2008, , .		7
45	Compact Bandstop Filters with Extended Upper Passbands. <i>Active and Passive Electronic Components</i> , 2008, 2008, 1-6.	0.3	7
46	Characteristics of guided modes in chiroplasma circular waveguides in magnetized plasma. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2015, 32, 2316.	0.8	7
47	Switch beam dielectric resonator antenna array with four reconfigurable radiation patterns. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 86-92.	0.9	7
48	Study of hybrid surface Plasmon modes in metallic circular waveguide filled with magnetized plasma. <i>Waves in Random and Complex Media</i> , 2022, 32, 449-462.	1.6	7
49	Dispersion characteristics of surface plasmon polaritons (SPPs) in graphene "chiral" graphene waveguide. <i>Waves in Random and Complex Media</i> , 2024, 34, 134-145.	1.6	7
50	Size-reduced defected ground microstrip directional coupler. <i>Microwave and Optical Technology Letters</i> , 2010, 52, 1933-1937.	0.9	6
51	Adaptive UWB-OFDM Synthetic Aperture Radar. , 2011, , .		6
52	Analysis and design of compact wide tunable band antenna based on reactively loaded patch. <i>Microwave and Optical Technology Letters</i> , 2012, 54, 884-888.	0.9	6
53	High Gain and High Efficient Stacked Antenna Array with Integrated Horn for 60GHz Communication Systems. <i>International Journal of Antennas and Propagation</i> , 2014, 2014, 1-8.	0.7	6
54	Caustic region fields of an elliptical reflector covered by an anisotropic magnetized plasma layer. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 10, .	0.9	6

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55	Electromagnetic reflection and transmission from a planar isotropic chiral-uniaxial chiral interface with optical axis normal to interface. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2015, 47, 805-817.	0.3	6
56	Scattering of electromagnetic waves from a chiral coated nihility cylinder hosted by isotropic plasma medium. <i>Optical Materials Express</i> , 2015, 5, 1224.	1.6	6
57	Guided modes in chiroplasma-filled perfect electromagnetic conductor parallel-plate waveguides. <i>Waves in Random and Complex Media</i> , 2015, 25, 708-719.	1.6	6
58	Power flux distribution in chiroplasma-filled perfect electromagnetic conductor circular waveguides. <i>Radio Science</i> , 2016, 51, 231-240.	0.8	6
59	Scattering characteristics of homogeneous magnetized ferrite coated PEMC cylinder. <i>Optik</i> , 2016, 127, 8451-8460.	1.4	6
60	Integrated lens antenna array with full azimuth plane beam scanning capability at 60 GHz. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 116-120.	0.9	6
61	Sub-THz Dipole Antenna for Future 5G Wireless Communication. , 2019, , .		6
62	System modelling and synthesis of stepped impedance resonators and filters. <i>IET Microwaves, Antennas and Propagation</i> , 2019, 13, 2693-2700.	0.7	6
63	Tunable surface waves supported by graphene-covered left-handed material structures. <i>Optics Communications</i> , 2021, 489, 126874.	1.0	6
64	Image fusion based enhancement of eddy current nondestructive evaluation. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2008, 28, 291-296.	0.3	5
65	Dual Strip-Excited Dielectric Resonator Antenna with Parasitic Strips for Radiation Pattern Reconfigurability. <i>International Journal of Antennas and Propagation</i> , 2014, 2014, 1-8.	0.7	5
66	A compact dual circular patch pattern reconfigurable antenna. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 2762-2768.	0.9	5
67	System-based modelling and synthesis of defected ground structure resonators and filters. <i>IET Microwaves, Antennas and Propagation</i> , 2019, 13, 774-781.	0.7	5
68	BCB-Si Based Wide Band Millimeter Wave Antenna Fed by Substrate Integrated Waveguide. <i>International Journal of Antennas and Propagation</i> , 2013, 2013, 1-4.	0.7	4
69	Ultra wideband phased array antenna using slow wave microstrip dielectric loaded phase shifters. , 2014, , .		4
70	Reflected and transmitted powers from a planar isotropic chiral-uniaxial anisotropic chiral interface. <i>Waves in Random and Complex Media</i> , 2015, 25, 18-30.	1.6	4
71	Trapped-mode resonances in a Voigt plasma layer. <i>Physics of Plasmas</i> , 2016, 23, 112105.	0.7	4
72	Electromagnetic Tunneling and Resonances in Pseudochiral Omega Slabs. <i>Scientific Reports</i> , 2017, 7, 41961.	1.6	4

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73	Evanescent and propagating electromagnetic waves in Bi-isotropic layers. <i>Waves in Random and Complex Media</i> , 2021, 31, 879-890.	1.6	4
74	Electromagnetic surface waves supported by a resistive metasurface-covered metamaterial structure. <i>Scientific Reports</i> , 2020, 10, 15548.	1.6	4
75	Transverse electric surface waves in ferrite medium surrounded by plasma layers. <i>Journal of the European Optical Society-Rapid Publications</i> , 2020, 16, .	0.9	4
76	Electromagnetic Characterization of Graphene-Plasma Formations. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 852-857.	0.6	4
77	Dispersion characteristics of hybrid surface waves at chiral-plasma interface. <i>Journal of Electromagnetic Waves and Applications</i> , 2021, 35, 150-162.	1.0	4
78	Hybrid energy surface plasmon modes supported by graphene-coated circular chirowaveguide. <i>Optical Materials</i> , 2021, 114, 110869.	1.7	4
79	Propagation of electromagnetic waves in graphene-wrapped cylindrical waveguides filled with magnetized plasma. <i>Optik</i> , 2021, 244, 167566.	1.4	4
80	Scattering from a Chiral-Coated Metal Cylinder of Arbitrary Cross Section. <i>Electromagnetics</i> , 1999, 19, 363-371.	0.3	3
81	B4. Analysis and design of single section and three-section ultra-wideband quadrature hybrid couplers. , 2012, , .		3
82	Electromagnetic field intensity distribution along focal region of a metallic circular reflector covered with a plasma layer. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 10, .	0.9	3
83	Propagation through chiroplasma waveguide using perfect magnetic conductor boundary conditions. <i>Canadian Journal of Physics</i> , 2015, 93, 1460-1465.	0.4	3
84	Electromagnetic Field Intensity Distribution Along the Focal Region of a Metallic Parabolic Reflector Covered With a Plasma Layer Under Oblique Incidence. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 3801-3807.	0.6	3
85	High frequency scattering of a Gaussian beam by a perfect electromagnetic conductor (PEMC) cylinder. <i>Optik</i> , 2016, 127, 3680-3683.	1.4	3
86	Resonances in Bianisotropic Layers. <i>IEEE Photonics Journal</i> , 2018, 10, 1-12.	1.0	3
87	Magnetization-Dependent Core-Loss Model in a Three-Phase Self-Excited Induction Generator. <i>Energies</i> , 2018, 11, 3228.	1.6	3
88	Morphological and magnetic response of copper-substituted nickel ferrite nanoparticles. <i>Philosophical Magazine Letters</i> , 2019, 99, 67-76.	0.5	3
89	Extraction of the terahertz constitutive tensors of multilayer graphene-dielectric stacks. <i>Optics Communications</i> , 2020, 464, 125487.	1.0	3
90	Extraction of tensor parameters of general biaxial anisotropic materials. <i>AIP Advances</i> , 2020, 10, .	0.6	3

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91	Reflectance and transmittance of terahertz waves from graphene embedded into metamaterial structures. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 465.	0.8	3
92	60GHz beam-tilting coplanar slotted SIW antenna array. Frequenz, 2022, 76, 29-36.	0.6	3
93	Plasmon modes supported by metamaterial-filled monolayer graphene cylindrical waveguides. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 3515.	0.9	3
94	Characteristics of Surface Plasmon Polaritons in Magnetized Plasma Film Walled by Two Graphene Layers. Journal of Nanoelectronics and Optoelectronics, 2020, 15, 574-579.	0.1	3
95	A novel low SAR PIFA for mobile terminal. , 2010, , .		2
96	High-resolution and jamming-resistant UWB-OFDM SAR imaging. , 2011, , .		2
97	Ultra-wideband applicator for brain-tumor ablation and imaging system. , 2012, , .		2
98	Wide band hybrid dielectric resonator antenna with beam steering capability. , 2012, , .		2
99	Reconfigurable bandstop filter using Defected Ground Structure (DGS). , 2013, , .		2
100	A Cylindrical Dielectric Resonator Antenna-Coupled Sensor Configuration for 94GHz Detection. International Journal of Antennas and Propagation, 2014, 2014, 1-5.	0.7	2
101	High gain stacked antenna array for 60 GHz communication systems. , 2014, , .		2
102	Millimeter wave antenna based on substrate integrated waveguide technology for 60-GHz communication system. , 2014, , .		2
103	Electromagnetic waves in uniaxial anisotropic chiral waveguides in magnetized plasma. Waves in Random and Complex Media, 2015, 25, 323-333.	1.6	2
104	Characterization of Ultra-wide band diamond shaped monopole using singularity expansion method. , 2016, , .		2
105	Trapped modes and resonances in gyrotropic graphene stacks. Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	2
106	Resonances in graphene-dielectric stacks. Journal of the European Optical Society-Rapid Publications, 2017, 13, .	0.9	2
107	Time to Frequency Domain Analysis of Narrow Band Antennas. International Journal of Antennas and Propagation, 2017, 2017, 1-11.	0.7	2
108	More Accurate Modeling of Core Loss in Self-Excited Reluctance Generator. , 2018, , .		2

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109	Scattering and absorption characteristics of graphene coated metamaterial cylinder. Results in Physics, 2019, 15, 102787.	2.0	2
110	Electromagnetic waves scattering from a sphere of complex conjugate medium. Journal of the European Optical Society-Rapid Publications, 2019, 15, .	0.9	2
111	PIV and Statistical Analysis of a Swirling Bed Process Carried out Using a Hybrid Model of Axial Blade Distributor. Processes, 2019, 7, 697.	1.3	2
112	Accurate Characterization of Electromagnetic Band-Gap Structures. IEEE Access, 2021, 9, 121654-121664.	2.6	2
113	Electromagnetic Energy Surface Modes in Metamaterial-Filled Bi-layer Graphene Structures. Plasmonics, 2021, 16, 1175-1194.	1.8	2
114	Parallel operation of three-phase self-excited induction generators with different numbers of poles. Engineering Science and Technology, an International Journal, 2021, 25, 100988-100988.	2.0	2
115	Hybrid surface waves in chiral loaded resistive metasurfaces. European Physical Journal Plus, 2021, 136, 1.	1.2	2
116	Dispersion characteristics of surface plasmon polaritons in a grapheneâ€“plasmaâ€“graphene waveguide structure. Canadian Journal of Physics, 2022, 100, 123-128.	0.4	2
117	Compact reconfigurable dual-mode microstrip square ring filter. , 2008, , .		1
118	Multiobjective optimization for low SAR antenna design. , 2009, , .		1
119	Multimodal image fusion for next generation NDE systems. , 2009, , .		1
120	Parallel single wall carbon nanotubes for microwave applications. , 2009, , .		1
121	Harmonic suppressed and sizeâ€“reduced bandstop and bandpass filters. Microwave and Optical Technology Letters, 2009, 51, 2109-2114.	0.9	1
122	A NOVEL SMALL PRINTED ULTRA-WIDEBAND ANTENNA FOR NEAR-FIELD IMAGING. , 2009, , .		1
123	Dual band fractal monopoles. , 2011, , .		1
124	Real-time implementation of UWB-OFDM synthetic aperture radar imaging. , 2011, , .		1
125	Parametric analysis of multi section slot coupled quadrature coupler. , 2012, , .		1
126	Design of a slot-coupled Ultra-Wideband 180° hybrid coupler. , 2012, , .		1

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127	BCB-Si based antenna for millimeter wave applications. , 2013, , .		1
128	Fabrication and Characterization of a W-Band Cylindrical Dielectric Resonator Antenna-Coupled Niobium Microbolometer. International Journal of Antennas and Propagation, 2015, 2015, 1-6.	0.7	1
129	High-resolution and Wide-swath UWB OFDM MIMO Synthetic Aperture Radar System Using Image Fusion. Journal of the Indian Society of Remote Sensing, 2015, 43, 225-242.	1.2	1
130	A dielectric loaded millimeter wave antenna array for 60 GHz communication systems. , 2015, , .		1
131	High gain SIW-based antenna with superstrate for automotive radar applications. , 2016, , .		1
132	Evaluation of a single-input multiple-output antenna array for ultra-wide band applications. AEU - International Journal of Electronics and Communications, 2017, 79, 291-300.	1.7	1
133	Scattering from isotropic plasma coated nihility sphere. Physics of Plasmas, 2017, 24, .	0.7	1
134	Characterization of multiband antennas using the singularity expansion method. Microwave and Optical Technology Letters, 2017, 59, 1012-1018.	0.9	1
135	Millimeter wave antenna based on SIW technology for WLAN/WPAN 5G networks at 60GHz. , 2017, , .		1
136	Time to Frequency Modeling of UWB Antennas. , 2017, , .		1
137	Scattering by a magnetized plasma-coated topological insulator cylinder. Journal of Computational Electronics, 2018, 17, 949-958.	1.3	1
138	Field intensity of a perfect electromagnetic conductor circular reflector coated with a plasma layer under oblique incidence. Optik, 2018, 154, 626-633.	1.4	1
139	System modeling of a quad-band antenna using the singularity expansion method. , 2018, , .		1
140	Characteristics of electromagnetic wave transmission and reflection from isotropic plasma coated circular nihility cylinder. AIP Advances, 2019, 9, 045320.	0.6	1
141	Diffraction of electromagnetic waves due to a point source by a three part boundary satisfying perfect electromagnetic conductor conditions. Waves in Random and Complex Media, 2021, 31, 342-358.	1.6	1
142	Energy Plasmon Modes in Metamaterial-filled Double-layer Graphene-wrapped Cylindrical Waveguides. Plasmonics, 2021, 16, 695-709.	1.8	1
143	Load Condition for Minimum Backscattering Antennas. Lecture Notes in Electrical Engineering, 2022, , 977-987.	0.3	1
144	Anisotropy Characterization of Metallic Lens Structures. Micromachines, 2021, 12, 1114.	1.4	1

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145	High-frequency field intensity along focal point of a long metallic parabolic reflector coated by a magnetized plasma layer using oblique incidence. Chinese Optics Letters, 2015, 13, 090801-90806.	1.3	1
146	Effect of the optical power and active layer thickness on the photocurrent in metal-semiconductor-metal detectors. , 0, , .		0
147	Analysis of Three Phase Self-Excited Induction Generator Under Static and Dynamic Loads. , 2007, , .		0
148	NEAR-FIELD CHARACTERIZATION OF RECONFIGURABLE NARROWBAND ANTENNA IN THE PROXIMITY OF THE HUMAN BODY. , 2009, , .		0
149	SPECTRALLY ENHANCED EDDY CURRENT INSPECTION EXPLOITING FUSION TECHNIQUES. , 2009, , .		0
150	A compact wideband tunable square ring microstrip antenna. , 2010, , .		0
151	Investigation of new ground structure for reducing human exposure to electromagnetic fields from mobile phones. , 2010, , .		0
152	Analysis and design of dielectric loaded parallel coupled microstrip quadrature coupler. , 2013, , .		0
153	Broadband dielectric loaded parallel coupled microstrip quadrature coupler. Microwave and Optical Technology Letters, 2014, 56, 1694-1697.	0.9	0
154	High gain superstrate aperture antenna/array for 79-GHz applications. , 2015, , .		0
155	Frequency selective surface superstrate antenna for 79-GHz automotive applications. , 2015, , .		0
156	Photolithographically definable SU-8 [®] alumina composite for Wideband dielectric resonator antennas. Micro and Nano Letters, 2016, 11, 224-229.	0.6	0
157	Membrane antenna array based on substrate integrated waveguide technology for 94 GHz communication systems. International Journal of Microwave and Wireless Technologies, 2016, 8, 633-641.	1.5	0
158	Electromagnetic Coupling and Tunneling Through Chiral Layers. IEEE Access, 2017, 5, 2442-2447.	2.6	0
159	Scattering from metamaterial coated nihility sphere. Journal of the European Optical Society-Rapid Publications, 2017, 13, .	0.9	0
160	Corrections to "Resonances in Bianisotropic Layers" IEEE Photonics Journal, 2018, 10, 1-1.	1.0	0
161	Terahertz evanescent wave tunneling in bianisotropic thin films. , 2018, , .		0
162	Interaction of directive electromagnetic radiation with isotropic plasma-coated PEMC cylinder. Waves in Random and Complex Media, 2019, 29, 706-721.	1.6	0

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163	Enhancement of directivity of dipole antenna by a complex conjugate cylinder. Waves in Random and Complex Media, 2021, 31, 1367-1377.	1.6	0
164	Propagation of Hybrid Surface Waves in Ferrite Anisotropic Plasma Planar Structures. Optik, 2021, 229, 166255.	1.4	0
165	Characteristics of hybrid surface plasmon polaritons at a chiral graphene metal interface in cylindrical waveguides. Optical and Quantum Electronics, 2021, 53, 1.	1.5	0
166	ELECTROMAGNETIC WAVE REFLECTANCE, TRANSMITTANCE, AND ABSORPTION IN A GRAPHENE-COVERED UNIAXIAL CRYSTAL SLAB. Progress in Electromagnetics Research M, 2018, 73, 71-79.	0.5	0