

# Homayoon Oraizi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Miniaturized UWB Monopole Microstrip Antenna Design by the Combination of Giuseppe Peano and Sierpinski Carpet Fractals. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 67-70.	4.0	148
2	A New Wideband Circularly Polarized Stair-Shaped Dielectric Resonator Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 1828-1832.	5.1	124
3	A Novel Low-Cost Circularly Polarized Rotated Stacked Dielectric Resonator Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 722-725.	4.0	121
4	APPLICATION OF THE INVASIVE WEED OPTIMIZATION TECHNIQUE FOR ANTENNA CONFIGURATIONS. Progress in Electromagnetics Research, 2008, 79, 137-150.	4.4	105
5	Miniaturization of Microstrip Antennas by the Novel Application of the Giuseppe Peano Fractal Geometries. IEEE Transactions on Antennas and Propagation, 2012, 60, 3559-3567.	5.1	102
6	Novel F-Shaped Quad-Band Printed Slot Antenna for WLAN and WiMAX MIMO Systems. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 405-408.	4.0	100
7	Optimum Design of a Wideband Two-Way Gysel Power Divider With Source to Load Impedance Matching. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2238-2248.	4.6	64
8	IMPROVED PERFORMANCE OF CIRCULARLY POLARIZED ANTENNA USING SEMI-PLANAR CHIRAL METAMATERIAL COVERS. Progress in Electromagnetics Research, 2012, 123, 337-354.	4.4	61
9	Miniaturized UWB Log-Periodic Square Fractal Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1322-1325.	4.0	61
10	Optimum Design of Asymmetrical Multisection Two-Way Power Dividers With Arbitrary Power Division and Impedance Matching. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 1478-1490.	4.6	60
11	High Gain Rectangular Dielectric Resonator Antenna Using Uniaxial Material at Fundamental Mode. IEEE Transactions on Antennas and Propagation, 2017, 65, 342-347.	5.1	59
12	Circularly Polarized Multiband Microstrip Antenna Using the Square and Giuseppe Peano Fractals. IEEE Transactions on Antennas and Propagation, 2012, 60, 3466-3470.	5.1	58
13	Wideband Circularly Polarized Aperture-Fed Rotated Stacked Patch Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 1048-1054.	5.1	57
14	ANALYSIS OF PLANAR DIELECTRIC MULTILAYERS AS FSS BY TRANSMISSION LINE TRANSFER MATRIX METHOD (TLTMM). Progress in Electromagnetics Research, 2007, 74, 217-240.	4.4	53
15	Gain Improvement of Rectangular Dielectric Resonator Antenna by Engraving Grooves on Its Side Walls. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2167-2170.	4.0	48
16	Deep neural network-based automatic metasurface design with a wide frequency range. Scientific Reports, 2021, 11, 7102.	3.3	48
17	NONUNIFORMLY SPACED LINEAR ARRAY DESIGN FOR THE SPECIFIED BEAMWIDTH/SIDELobe LEVEL OR SPECIFIED DIRECTIVITY/SIDELobe LEVEL WITH COUPLING CONSIDERATION. Progress in Electromagnetics Research M, 2008, 4, 185-209.	0.9	46
18	Compact microstrip fractal Koch slot antenna with ELC coupling load for triple band application. AEU - International Journal of Electronics and Communications, 2017, 73, 144-149.	2.9	44

#	ARTICLE	IF	CITATIONS
19	ULTRA WIDE BAND RCS OPTIMIZATION OF MULTILAYERD CYLINDRICAL STRUCTURES FOR ARBITRARILY POLARIZED INCIDENT PLANE WAVES. Progress in Electromagnetics Research, 2008, 78, 129-157.	4.4	42
20	APPLICATION OF DOUBLE ZERO METAMATERIALS AS RADAR ABSORBING MATERIALS FOR THE REDUCTION OF RADAR CROSS SECTION. Progress in Electromagnetics Research, 2010, 101, 323-337.	4.4	41
21	Frequency and time domain analysis of a novel UWB reconfigurable microstrip slot antenna with switchable notched bands. IET Microwaves, Antennas and Propagation, 2017, 11, 1127-1132.	1.4	38
22	Cylindrical Anisotropic Dielectric Resonator Antenna With Improved Gain. IEEE Transactions on Antennas and Propagation, 2017, 65, 1404-1409.	5.1	37
23	Evaluation of SAR Distribution in Six-Layer Human Head Model. International Journal of Antennas and Propagation, 2013, 2013, 1-8.	1.2	36
24	Design of Wideband Leaky-Wave Antenna Using Sinusoidally Modulated Impedance Surface Based on the Holography Theory. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1807-1811.	4.0	36
25	Design of Planar Dual-Bandstop FSS Using Square-Loop-Enclosing Superformula Curves. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 731-734.	4.0	34
26	Real-time multi-functional near-infrared wave manipulation with a 3-bit liquid crystal based coding metasurface. Optics Express, 2021, 29, 14525.	3.4	28
27	A deep learning approach for inverse design of the metasurface for dual-polarized waves. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	28
28	Circularly Polarized Monopole L-Shaped Slot Antenna With Enhanced Axial-Ratio Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1073-1076.	4.0	26
29	Reconfigurable honeycomb metamaterial absorber having incident angular stability. Scientific Reports, 2020, 10, 14920.	3.3	25
30	Design of a Circularly Polarized Parasitic Array With Slot-Coupled DRA With Improved Gain for the 5G Mobile System. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1802-1806.	4.0	23
31	Wide-band Beam-scanning by Surface Wave Confinement on Leaky Wave Holograms. Scientific Reports, 2019, 9, 13227.	3.3	23
32	A NOVEL MARCHING ALGORITHM FOR RADIO WAVE PROPAGATION MODELING OVER ROUGH SURFACES. Progress in Electromagnetics Research, 2006, 57, 85-100.	4.4	22
33	DESIGN AND OPTIMIZATION OF PLANAR MULTILAYER ANTIREFLECTION METAMATERIAL COATINGS AT KU BAND UNDER CIRCULARLY POLARIZED OBLIQUE PLANE WAVE INCIDENCE. Progress in Electromagnetics Research C, 2008, 3, 1-18.	0.9	22
34	Design of Coating Materials for Cloaking and Directivity Enhancement of Cylindrical Antennas Using Transformation Optics. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3122-3125.	4.0	21
35	DESIGN OF METAMATERIAL MULTILAYER STRUCTURES AS FREQUENCY SELECTIVE SURFACES. Progress in Electromagnetics Research C, 2009, 6, 115-126.	0.9	20
36	Sum, Difference and Shaped Beam Pattern Synthesis by Non-Uniform Spacing and Phase Control. IEEE Transactions on Antennas and Propagation, 2011, 59, 4505-4511.	5.1	19

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37	Radio-Wave-Propagation Modeling in the Presence of Multiple Knife Edges by the Bidirectional Parabolic-Equation Method. IEEE Transactions on Vehicular Technology, 2007, 56, 1033-1040.	6.3	18
38	Tunable graphene-based mid-infrared band-pass planar filter and its application. Chinese Physics B, 2018, 27, 084212.	1.4	18
39	Optimum pattern synthesis of non-uniform spherical arrays using the Euler rotation. IET Microwaves, Antennas and Propagation, 2015, 9, 898-904.	1.4	17
40	Design of miniaturised UWB log-periodic end-fire antenna using several fractals with WLAN band-rejection. IET Microwaves, Antennas and Propagation, 2017, 11, 193-202.	1.4	17
41	Wideband rectangular dielectric resonator antenna for low-profile applications. IET Microwaves, Antennas and Propagation, 2018, 12, 115-119.	1.4	17
42	Design and Optimization of Waveguide-Fed Centered Inclined Slot Arrays. IEEE Transactions on Antennas and Propagation, 2009, 57, 3993-3997.	5.1	16
43	Radiation Bandwidth Enhancement of Aperture Stacked Microstrip Antennas. IEEE Transactions on Antennas and Propagation, 2011, 59, 4445-4453.	5.1	15
44	Miniaturized Triple-Band Highly Transparent Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 712-718.	5.1	15
45	Generation of orbital angular momentum modes via holographic leaky-wave metasurfaces. Scientific Reports, 2020, 10, 7358.	3.3	15
46	Implementation of conformal digital metasurfaces for THz polarimetric sensing. OSA Continuum, 2021, 4, 1372.	1.8	15
47	A Wide-Angle Scanning Sub-Terahertz Leaky-Wave Antenna Based on a Multilayer Dielectric Image Waveguide. Electronics (Switzerland), 2021, 10, 2172.	3.1	15
48	Optimum design of a wideband planar N-way fork power divider with arbitrary power division and input-to-output impedance matching. AEU - International Journal of Electronics and Communications, 2017, 79, 83-93.	2.9	14
49	Design of miniaturised element FSS based on 2.5-dimensional closed-loop Hilbert fractal. IET Microwaves, Antennas and Propagation, 2019, 13, 742-747.	1.4	14
50	Planar H-Plane Horn Antenna Based on Groove Gap Waveguide Technology. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 302-306.	4.0	14
51	Electromagnetic Multiple PEC Object Scattering Using Equivalence Principle and Addition Theorem for Spherical Wave Harmonics. IEEE Transactions on Antennas and Propagation, 2018, 66, 6233-6243.	5.1	12
52	Optimum Design of a Beam-Forming Array of S-Shaped DRA Elements With a Superstrate on an SIW Feed for 5G Mobile Systems. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1410-1414.	4.0	12
53	Combined fractal geometries for the design of wide band microstrip antennas with circular polarization. , 2010, , .		11
54	Dual-Banding and Miniaturization of Planar Triangular Monopole Antenna by Inductive and Dielectric Loadings. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1594-1597.	4.0	11

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55	Wide-Band Polarization Control of Leaky Waves on Anisotropic Holograms. Physical Review Applied, 2020, 13, .	3.8	11
56	Design and Optimization of Linear and Planar slot Arrays on Rectangular Waveguides. , 2008, , .		10
57	Design of reconfigurable coplanar waveguideâ€fed planar antenna for multiband multiâ€inputâ€multiâ€output applications. IET Microwaves, Antennas and Propagation, 2016, 10, 1591-1597.	1.4	10
58	Design of circularly polarized Giuseppe Peano fractal patch antenna by the theory of Characteristic Mode. , 2017, , .		10
59	Oscillator Phase-Noise Reduction Using High- $Q$ Active Giuseppe Peano Fractal Resonators. IEEE Microwave and Wireless Components Letters, 2019, 29, 354-356.	3.2	10
60	Collimating Cylindrical Surface Leaky Waves for Highly Improved Radiation Characteristics of Holograms. Physical Review Applied, 2019, 11, .	3.8	10
61	A novel 2D leaky wave antenna based on complementary graphene patch cell. Journal Physics D: Applied Physics, 2020, 53, 255301.	2.8	10
62	ANALYSIS AND DESIGN OF RECTANGULAR UNIAXIAL AND BIAXIAL ANISOTROPIC DIELECTRIC RESONATOR ANTENNAS. Progress in Electromagnetics Research C, 2016, 62, 43-50.	0.9	9
63	TEM <sub>11</sub> mode converter antenna like a pelican beak. IET Microwaves, Antennas and Propagation, 2020, 14, 934-942.	1.4	9
64	Electromagnetic Scattering by 2-D PEC Cylinder of General Cross Section Under $TM_z$ Illumination. IEEE Transactions on Antennas and Propagation, 2016, 64, 3953-3959.	5.1	8
65	Wide-Scanning Circularly Polarized Reflector-Based Modulated Metasurface Antenna Enabled by a Broadband Polarizer. IEEE Transactions on Antennas and Propagation, 2022, 70, 84-96.	5.1	8
66	Design of frequency selective surface based on Minkowski fractal and interdigital capacitance. Electronics Letters, 2021, 57, 957-960.	1.0	8
67	Design and optimization of a two-way Gysel power divider with arbitrary power division and impedance matching. , 2009, , .		7
68	OPTIMUM DESIGN OF LUMPED FILTERS INCORPORATING IMPEDANCE MATCHING BY THE METHOD OF LEAST SQUARES. Progress in Electromagnetics Research, 2010, 100, 83-103.	4.4	7
69	Systematic Design of a Circularly Polarized Microstrip Antenna Using a Shape Super-Formula and the Characteristic Mode Theory. , 2018, , .		7
70	Surface Waveguide and Y Splitter Enabled by Complementary Impedance Surfaces. Physical Review Applied, 2020, 13, .	3.8	7
71	Design of stepped-impedance low pass filters with impedance matching by the particle swarm optimization and conjugate gradient method. , 2009, , .		6
72	Efficient $2 \times 2$ Printed Circuit Band-Gap Cavity-Backed Slot Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 2550-2556.	5.1	6

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73	Adiabatic Floquet-Wave Expansion for the Analysis of Leaky-Wave Holograms Generating Polarized Vortex Beams. <i>Physical Review Applied</i> , 2021, 15, .	3.8	6
74	Sinusoidally modulated leaky wave antenna based on cylindrical graphene waveguide. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 3189.	2.1	6
75	Optimum design of travelling rectangular waveguide edge slot array with non-uniform spacing. <i>IET Microwaves, Antennas and Propagation</i> , 2013, 7, 575-581.	1.4	5
76	Miniaturized sharp band-pass filter based on complementary electric-LC resonator. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	5
77	Miniaturization and dual-banding of an elevated slotted patch antenna using the novel dual-reverse-arrow fractal. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2017, 27, e21085.	1.2	5
78	Analysis and Design of Tapered Uniaxial-Anisotropic Dielectric Rod Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 5787-5795.	5.1	5
79	Wideband Frequency-Reconfigurable Antenna for Airborne Applications. <i>Wireless Personal Communications</i> , 2019, 109, 1529-1540.	2.7	5
80	Implementation of Parasitic DRA Elements for Improvement of Circular Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 2387-2391.	4.0	5
81	Programmable terahertz vortex beam reflectarray antenna based on a graphene phoenix unit cell. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 165302.	2.8	5
82	Utilizing interdigital and supershape geometries for the design of frequency selective surfaces with high angular and polarization stabilities. <i>Scientific Reports</i> , 2022, 12, 7054.	3.3	5
83	A Simple Adaptive Beamforming Algorithm for CDMA Wireless Communication Systems. , 2006, , .		4
84	Wide-band conversion of donut-shaped pattern to directive one by square-shaped pattern director antenna. <i>International Journal of Microwave and Wireless Technologies</i> , 2022, 14, 1099-1106.	1.9	4
85	Phase Response of Microstrip Reflectarray Elements by FDTD Analysis. , 2007, , .		3
86	Impedance matching and spurious response suppression in stepped impedance low pass filters. <i>Microwave and Optical Technology Letters</i> , 2011, 53, 2081-2086.	1.4	3
87	Design of microstrip spiral antenna using Genetic Algorithm. , 2012, , .		3
88	Novel application of a new metamaterial complementary electric LC resonator for the design of miniaturized sharp band-pass filters. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2013, 23, 471-475.	1.2	3
89	Optimum design of a miniaturized multilayer SIW diplexer using orthogonal-mode resonator. , 2014, , .		3
90	Robust technique based on transition matrix method to electromagnetic characterisation of anisotropic material. <i>IET Microwaves, Antennas and Propagation</i> , 2014, 8, 632-641.	1.4	3

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91	Design of a novel miniaturized planar structure for the realization of artificial magnetic conductors. , 2015, , .		3
92	Ultra Wide Band Radar Cross Section Reduction of a Perfectly Electric Conductor Sphere by the Application of Multilayer Metamaterial Coatings. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2016, 15, 457-476.	0.7	3
93	Application of Equivalence Principle for EM Scattering From Irregular Array of Arbitrarily Oriented PEC Scatterers Using Both Translation and Rotation Addition Theorems. IEEE Transactions on Antennas and Propagation, 2019, 67, 3256-3267.	5.1	3
94	Electromagnetic scattering from an arbitrarily shaped PEC object coated by spherical dielectric material using equivalence principle algorithm. Engineering Analysis With Boundary Elements, 2020, 111, 178-185.	3.7	3
95	Plasmonic leaky wave antenna based on modulated radius of cylindrical graphene waveguide. AIP Advances, 2021, 11, .	1.3	3
96	A New Rayleigh Quotient Based Beamforming Method for CDMA Communication Systems. IEEE Vehicular Technology Conference, 2007, , .	0.4	2
97	A novel topology for the implementation of active distributed multiplexers. , 2009, , .		2
98	Optimum design of broadband coupled-line phase shifters incorporating impedance matching of source and load impedances. , 2009, , .		2
99	Novel wideband active microstrip antennas using distributed frequency multiplexers or de-multiplexers. International Journal of RF and Microwave Computer-Aided Engineering, 2010, 20, 408-415.	1.2	2
100	A novel wide slot antenna design using the Giuseppe Peano fractal geometry. , 2012, , .		2
101	Optimum Design of Novel UWB Multilayer Microstrip Hairpin Filters with Harmonic Suppression and Impedance Matching. International Journal of Antennas and Propagation, 2012, 2012, 1-7.	1.2	2
102	Mutual coupling reduction in microstrip patch antenna arrays by using planar EBG structure in X band. , 2013, , .		2
103	Microstrip multiband fractal dipole antennas using the combination of Sierpinski, Hilbert and Giuseppe Peano fractals. , 2014, , .		2
104	Three novel simple beamforming algorithms for CDMA communication systems. International Journal of Communication Systems, 2014, 27, 248-264.	2.5	2
105	Optimum design of a wide band six-port power divider with selectable power division ratios by the method of least squares. IET Microwaves, Antennas and Propagation, 2014, 8, 943-950.	1.4	2
106	Enhanced properties of a novel dual band shorted square patch with E-shaped slot for GSM/WLAN bands. , 2016, , .		2
107	Design of Circularly-Polarized Cavity-Backed Slot Array Antenna Using Higher-Order Mode Excitation Based on Gap Waveguide Technology. , 2018, , .		2
108	Optimum design of double ridge horn antennas with general cross-section. IET Microwaves, Antennas and Propagation, 2019, 13, 546-553.	1.4	2

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109	Wideband Vertically Polarized Dual-Beam Antenna Using Modulated Metasurfaces. , 2020, , .		2
110	Tunable Terahertz Polarization Converter Based on Graphene Metasurfaces. , 2020, , .		2
111	BI-FUNCTIONAL ANTENNA COATING FOR CLOAKING AND DIRECTIVITY ENHANCEMENT MADE OF ISOTROPIC MATERIALS. Progress in Electromagnetics Research M, 2020, 90, 9-18.	0.9	2
112	High Gain Arbitrarily-Oriented Linearly-Polarized Leaky-Wave Antenna by Tensorial Impedance Surfaces. , 2021, , .		2
113	Three Configurations of Compact Planar Multistub Microstrip Antennas for mmW Mobile Applications. International Journal of Antennas and Propagation, 2021, 2021, 1-10.	1.2	2
114	Holographic transmitarray antenna with linear polarization in X band. AEU - International Journal of Electronics and Communications, 2022, 146, 154115.	2.9	2
115	The Effect of Atmospheric Duct on Modern OFDM-Based Digital Broadcasting Systems. , 2003, , .		1
116	Solution of parabolic equations by the least square method with the second order spline basis functions. , 2005, , .		1
117	Optimum design of broadband schiffman phase shifters incorporating load and source impedance matching. , 2009, , .		1
118	Microstrip ring antenna on grooved substrate for the enhancement of radiation efficiency. , 2010, , .		1
119	Radiation characteristics improvement of aperture coupled antennas using double reflector structure. IET Microwaves, Antennas and Propagation, 2013, 7, 1168-1173.	1.4	1
120	Design of a non-Foster impedance matching network for electrically small antennas. , 2013, , .		1
121	DESIGN OF MINIATURIZED PLANAR SIW DIPLEXERS USING DUAL-MODE RESONATORS. Progress in Electromagnetics Research Letters, 2015, 54, 129-135.	0.7	1
122	Ellipsoid anechoic chamber for radiation pattern measurements. , 2015, , .		1
123	A V-band microstrip line to groove gap waveguide transition. , 2016, , .		1
124	A comparison among circular, rectangular and bee-hived array geometries using the invasive weed optimization algorithm. , 2016, , .		1
125	Impedance Matching and BALUNS. , 2016, , 3349-3428.		1
126	Wideband Circularly-Polarized Slot Array Antenna based on Metasurface. , 2018, , .		1



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127	Design of Wide-Band 2-D Holographic Antenna Using Wedge Reflector. , 2018, , .		1
128	Analysis and design of radially inhomogeneous tapered dielectric rod antennas. AEU - International Journal of Electronics and Communications, 2019, 101, 106-113.	2.9	1
129	Synthesis of planar continuous current sources with arbitrary shapes for generation of desired radiation patterns by methods of moments and least squares. IET Microwaves, Antennas and Propagation, 2020, 14, 348-359.	1.4	1
130	Design of Graphene-based Terahertz Absorbers by Artificial Intelligence. , 2021, , .		1
131	Impedance Matching and BALUNs. , 2015, , 1-67.		1
132	Design of a circularly polarized microstrip slot antenna using Minkowski fractal by the characteristic mode theory. Electronics Letters, 0, , .	1.0	1
133	Temporally modulated one-dimensional leaky-wave holograms. Scientific Reports, 2022, 12, 8488.	3.3	1
134	A Novel Method for the Design and Optimization of Microstrip Multi-section Bandpass Combine Filters. , 2006, , .		0
135	A new eigen decomposition based algorithm for beamforming in CDMA communication systems. , 2006, , .		0
136	Application of the Rotating Angle Parabolic Equation Method for the Solution of Scattering Problems. Wireless Personal Communications, 2008, 45, 209-224.	2.7	0
137	An exact mathematical proof for the condition of zero reflection by multilayered metamaterial media. , 2008, , .		0
138	Dual-band microstrip notch filters using slotted square patch resonators. , 2010, , .		0
139	Adjustment of resonant frequency of rectangular patch antennas by placing metallic walls or vias adjacent to their edges. , 2010, , .		0
140	Novel circuit topologies for active distributed frequency multiplexers and demultiplexers. International Journal of RF and Microwave Computer-Aided Engineering, 2011, 21, 67-76.	1.2	0
141	A novel miniaturized multilayer E-shaped patch antenna using Giuseppe Peano fractal geometry on its edges for WLAN dual-band applications. , 2013, , .		0
142	Miniaturization and broadbanding of Giuseppe Peano fractal patch antennas with and without edge strips. , 2014, , .		0
143	Miniaturized ultra-wideband circular metallic plate antenna suspended by shorting pins. , 2014, , .		0
144	Design of Miniaturized Multiband Filters Using Zero Order Resonators for WLAN Applications. International Journal of Microwave Science and Technology, 2015, 2015, 1-7.	0.6	0

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145	Electromagnetic characterization of inhomogeneous chiral media using the state space method. , 2015, , .		0
146	Design of concentric bee-hived antenna array using the Invasive Weed Optimization. , 2016, , .		0
147	A Novel Reciprocity Based Theory for Extraction of Scattered Field under Plane Wave Incidence from that of Near-field Illumination. IETE Journal of Research, 2021, 67, 913-920.	2.6	0
148	Dual-Functional Terahertz Tunable Polarization Conversion By Graphene-VO <sub>2</sub> Metasurfaces. , 2021, , .		0
149	Improving Co- to Cross-Polarization Ratio of Vivaldi Antenna Using TE <sub>20</sub> Mode SIW Launcher. , 2020, , .		0
150	Broadband Tunable Terahertz Polarization Converter based on Graphene-Shaped Metasurfaces. , 2020, , .		0
151	Optimum Design of Multi-Section Asymmetrical Transdirectional Couplers with Port Impedance Matching up to S Band Frequency. International Journal of Antennas and Propagation, 2022, 2022, 1-13.	1.2	0