

Homayoon Oraizi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Wide-band conversion of donut-shaped pattern to directive one by square-shaped pattern director antenna. International Journal of Microwave and Wireless Technologies, 2022, 14, 1099-1106.	1.9	4
3	Holographic transmitarray antenna with linear polarization in X band. AEU - International Journal of Electronics and Communications, 2022, 146, 154115.	2.9	2
4	Utilizing interdigital and supershape geometries for the design of frequency selective surfaces with high angular and polarization stabilities. Scientific Reports, 2022, 12, 7054.	3.3	5
5	Temporally modulated one-dimensional leaky-wave holograms. Scientific Reports, 2022, 12, 8488.	3.3	1
6	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
7	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
8	High Gain Arbitrarily-Oriented Linearly-Polarized Leaky-Wave Antenna by Tensorial Impedance Surfaces. , 2021, , .		2
9	Implementation of Parasitic DRA Elements for Improvement of Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2387-2391.	4.0	5
10	Programmable terahertz vortex beam reflectarray antenna based on a graphene phoenix unit cell. Journal Physics D: Applied Physics, 2021, 54, 165302.	2.8	5
11	Adiabatic Floquet-Wave Expansion for the Analysis of Leaky-Wave Holograms Generating Polarized Vortex Beams. Physical Review Applied, 2021, 15, .	3.8	6
12	Deep neural network-based automatic metasurface design with a wide frequency range. Scientific Reports, 2021, 11, 7102.	3.3	48
13	Design of Graphene-based Terahertz Absorbers by Artificial Intelligence. , 2021, , .		1
14	Dual-Functional Terahertz Tunable Polarization Conversion By Graphene-VO ₂ Metasurfaces. , 2021, , .		0
15	Implementation of conformal digital metasurfaces for THz polarimetric sensing. OSA Continuum, 2021, 4, 1372.	1.8	15
16	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
17	Plasmonic leaky wave antenna based on modulated radius of cylindrical graphene waveguide. AIP Advances, 2021, 11, .	1.3	3
18	A Wide-Angle Scanning Sub-Terahertz Leaky-Wave Antenna Based on a Multilayer Dielectric Image Waveguide. Electronics (Switzerland), 2021, 10, 2172.	3.1	15

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Design of frequency selective surface based on Minkowski fractal and interdigital capacitance. Electronics Letters, 2021, 57, 957-960.	1.0	8
22	Miniaturized Triple-Band Highly Transparent Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 712-718.	5.1	15
23	Planar H-Plane Horn Antenna Based on Groove Gap Waveguide Technology. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 302-306.	4.0	14
24	Efficient 2×2 Printed Circuit Band-Gap Cavity-Backed Slot Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 2550-2556.	5.1	6
25	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
26	Wideband Vertically Polarized Dual-Beam Antenna Using Modulated Metasurfaces. , 2020, , .		2
27	TEM ₁₁ mode converter antenna like a pelican beak. IET Microwaves, Antennas and Propagation, 2020, 14, 934-942.	1.4	9
28	Reconfigurable honeycomb metamaterial absorber having incident angular stability. Scientific Reports, 2020, 10, 14920.	3.3	25
29	Generation of orbital angular momentum modes via holographic leaky-wave metasurfaces. Scientific Reports, 2020, 10, 7358.	3.3	15
30	Surface Waveguide and Y Splitter Enabled by Complementary Impedance Surfaces. Physical Review Applied, 2020, 13, .	3.8	7
31	A novel 2D leaky wave antenna based on complementary graphene patch cell. Journal Physics D: Applied Physics, 2020, 53, 255301.	2.8	10
32	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
33	Tunable Terahertz Polarization Converter Based on Graphene Metasurfaces. , 2020, , .		2
34	Wide-Band Polarization Control of Leaky Waves on Anisotropic Holograms. Physical Review Applied, 2020, 13, .	3.8	11
35	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
36	Improving Co- to Cross-Polarization Ratio of Vivaldi Antenna Using TE ₂₀ Mode SIW Launcher. , 2020, , .		0

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37	Broadband Tunable Terahertz Polarization Converter based on Graphene-Shaped Metasurfaces. , 2020, , .		0
38	Design of miniaturisedâ€element FSS based on 2.5â€dimensional closedâ€loop Hilbert fractal. IET Microwaves, Antennas and Propagation, 2019, 13, 742-747.	1.4	14
39	Wide-band Beam-scanning by Surface Wave Confinement on Leaky Wave Holograms. Scientific Reports, 2019, 9, 13227.	3.3	23
40	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
41	Wideband Frequency-Reconfigurable Antenna for Airborne Applications. Wireless Personal Communications, 2019, 109, 1529-1540.	2.7	5
42	Optimum design of double ridge horn antennas with general crossâ€section. IET Microwaves, Antennas and Propagation, 2019, 13, 546-553.	1.4	2
43	Oscillator Phase-Noise Reduction Using High- <i>Q</i> Active Giuseppe Peano Fractal Resonators. IEEE Microwave and Wireless Components Letters, 2019, 29, 354-356.	3.2	10
44	Collimating Cylindrical Surface Leaky Waves for Highly Improved Radiation Characteristics of Holograms. Physical Review Applied, 2019, 11, .	3.8	10
45	Analysis and design of radially inhomogeneous tapered dielectric rod antennas. AEU - International Journal of Electronics and Communications, 2019, 101, 106-113.	2.9	1
46	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
47	Sinusoidally modulated leaky wave antenna based on cylindrical graphene waveguide. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 3189.	2.1	6
48	Wideband rectangular dielectric resonator antenna for lowâ€profile applications. IET Microwaves, Antennas and Propagation, 2018, 12, 115-119.	1.4	17
49	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
50	Wideband Circularly-Polarized Slot Array Antenna based on Metasurface. , 2018, , .		1
51	Design of Circularly-Polarized Cavity-Backed Slot Array Antenna Using Higher-Order Mode Excitation Based on Gap Waveguide Technology. , 2018, , .		2
52	Systematic Design of a Circularly Polarized Microstrip Antenna Using a Shape Super-Formula and the Characteristic Mode Theory. , 2018, , .		7
53	Design of Wide-Band 2-D Holographic Antenna Using Wedge Reflector. , 2018, , .		1
54	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

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55	Tunable graphene-based mid-infrared band-pass planar filter and its application. Chinese Physics B, 2018, 27, 084212.	1.4	18
56	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
57	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
58	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
59	Miniaturization and dual-banding of an elevated slotted patch antenna using the novel dual-reverse-arrow fractal. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21085.	1.2	5
60	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
61	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
62	Cylindrical Anisotropic Dielectric Resonator Antenna With Improved Gain. IEEE Transactions on Antennas and Propagation, 2017, 65, 1404-1409.	5.1	37
63	Analysis and Design of Tapered Uniaxial-Anisotropic Dielectric Rod Antennas. IEEE Transactions on Antennas and Propagation, 2017, 65, 5787-5795.	5.1	5
64	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
65	Design of circularly polarized Giuseppe Peano fractal patch antenna by the theory of Characteristic Mode. , 2017, , .		10
66	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
67	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
68	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
69	ANALYSIS AND DESIGN OF RECTANGULAR UNIAXIAL AND BIAXIAL ANISOTROPIC DIELECTRIC RESONATOR ANTENNAS. Progress in Electromagnetics Research C, 2016, 62, 43-50.	0.9	9
70	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
71	Design of concentric bee-hived antenna array using the Invasive Weed Optimization. , 2016, , .		0
72	Enhanced properties of a novel dual band shorted square patch with E-shaped slot for GSM/WLAN bands. , 2016, , .		2

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73	A V-band microstrip line to groove gap waveguide transition. , 2016, , .		1
74	A comparison among circular, rectangular and bee-hived array geometries using the invasive weed optimization algorithm. , 2016, , .		1
75	Miniaturized sharp band-pass filter based on complementary electric-LC resonator. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	5
76	Impedance Matching and BALUNS. , 2016, , 3349-3428.		1
77	Design of reconfigurable coplanar waveguide-fed planar antenna for multiband multi-input-output applications. IET Microwaves, Antennas and Propagation, 2016, 10, 1591-1597.	1.4	10
78	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
79	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
80	DESIGN OF MINIATURIZED PLANAR SIW DIPLEXERS USING DUAL-MODE RESONATORS. Progress in Electromagnetics Research Letters, 2015, 54, 129-135.	0.7	1
81	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
82	Electromagnetic characterization of inhomogeneous chiral media using the state space method. , 2015, , .		0
83	Ellipsoid anechoic chamber for radiation pattern measurements. , 2015, , .		1
84	A New Wideband Circularly Polarized Stair-Shaped Dielectric Resonator Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 1828-1832.	5.1	124
85	Design of a novel miniaturized planar structure for the realization of artificial magnetic conductors. , 2015, , .		3
86	Miniaturized UWB Log-Periodic Square Fractal Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1322-1325.	4.0	61
87	Optimum pattern synthesis of non-uniform spherical arrays using the Euler rotation. IET Microwaves, Antennas and Propagation, 2015, 9, 898-904.	1.4	17
88	Impedance Matching and BALUNS. , 2015, , 1-67.		1
89	Miniaturization and broadbanding of Giuseppe Peano fractal patch antennas with and without edge strips. , 2014, , .		0
90	Optimum design of a miniaturized multilayer SIW diplexer using orthogonal-mode resonator. , 2014, , .		3

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91	Miniaturized ultra-wideband circular metallic plate antenna suspended by shorting pins. , 2014, , .		0
92	Robust technique based on transition matrix method to electromagnetic characterisation of anisotropic material. IET Microwaves, Antennas and Propagation, 2014, 8, 632-641.	1.4	3
93	Microstrip multiband fractal dipole antennas using the combination of Sierpinski, Hilbert and Giuseppe Peano fractals. , 2014, , .		2
94	Three novel simple beamforming algorithms for CDMA communication systems. International Journal of Communication Systems, 2014, 27, 248-264.	2.5	2
95	A Novel Low-Cost Circularly Polarized Rotated Stacked Dielectric Resonator Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 722-725.	4.0	121
96	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
97	Mutual coupling reduction in microstrip patch antenna arrays by using planar EBG structure in X band. , 2013, , .		2
98	A novel miniaturized multilayer E-shaped patch antenna using Giuseppe Peano fractal geometry on its edges for WLAN dual-band applications. , 2013, , .		0
99	Optimum design of travelling rectangular waveguide edge slot array with non-uniform spacing. IET Microwaves, Antennas and Propagation, 2013, 7, 575-581.	1.4	5
100	Wideband Circularly Polarized Aperture-Fed Rotated Stacked Patch Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 1048-1054.	5.1	57
101	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
102	Novel application of a new metamaterial complementary electric LC resonator for the design of miniaturized sharp band-pass filters. International Journal of RF and Microwave Computer-Aided Engineering, 2013, 23, 471-475.	1.2	3
103	Radiation characteristics improvement of aperture coupled antennas using double reflector structure. IET Microwaves, Antennas and Propagation, 2013, 7, 1168-1173.	1.4	1
104	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
105	Design of a non-Foster impedance matching network for electrically small antennas. , 2013, , .		1
106	Evaluation of SAR Distribution in Six-Layer Human Head Model. International Journal of Antennas and Propagation, 2013, 2013, 1-8.	1.2	36
107	Design of microstrip spiral antenna using Genetic Algorithm. , 2012, , .		3
108	A novel wide slot antenna design using the Giuseppe Peano fractal geometry. , 2012, , .		2

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109	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
110	IMPROVED PERFORMANCE OF CIRCULARLY POLARIZED ANTENNA USING SEMI-PLANAR CHIRAL METAMATERIAL COVERS. Progress in Electromagnetics Research, 2012, 123, 337-354.	4.4	61
111	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
112	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
113	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
114	Radiation Bandwidth Enhancement of Aperture Stacked Microstrip Antennas. IEEE Transactions on Antennas and Propagation, 2011, 59, 4445-4453.	5.1	15
115	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
116	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
117	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
118	Impedance matching and spurious response suppression in stepped impedance low pass filters. Microwave and Optical Technology Letters, 2011, 53, 2081-2086.	1.4	3
119	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
120	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
121	Combined fractal geometries for the design of wide band microstrip antennas with circular polarization. , 2010, , .		11
122	Dual-band microstrip notch filters using slotted square patch resonators. , 2010, , .		0
123	Microstrip ring antenna on grooved substrate for the enhancement of radiation efficiency. , 2010, , .		1
124	Adjustment of resonant frequency of rectangular patch antennas by placing metallic walls or vias adjacent to their edges. , 2010, , .		0
125	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
126	DESIGN OF METAMATERIAL MULTILAYER STRUCTURES AS FREQUENCY SELECTIVE SURFACES. Progress in Electromagnetics Research C, 2009, 6, 115-126.	0.9	20

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127	Design of stepped-impedance low pass filters with impedance matching by the particle swarm optimization and conjugate gradient method. , 2009, , .		6
128	A novel topology for the implementation of active distributed multiplexers. , 2009, , .		2
129	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
130	Optimum design of broadband schiffman phase shifters incorporating load and source impedance matching. , 2009, , .		1
131	Design and Optimization of Waveguide-Fed Centered Inclined Slot Arrays. IEEE Transactions on Antennas and Propagation, 2009, 57, 3993-3997.	5.1	16
132	Design and optimization of a two-way Gysel power divider with arbitrary power division and impedance matching. , 2009, , .		7
133	Optimum design of broadband coupled-line phase shifters incorporating impedance matching of source and load impedances. , 2009, , .		2
134	Application of the Rotating Angle Parabolic Equation Method for the Solution of Scattering Problems. Wireless Personal Communications, 2008, 45, 209-224.	2.7	0
135	Design and Optimization of Linear and Planar slot Arrays on Rectangular Waveguides. , 2008, , .		10
136	An exact mathematical proof for the condition of zero reflection by multilayered metamaterial media. , 2008, , .		0
137	APPLICATION OF THE INVASIVE WEED OPTIMIZATION TECHNIQUE FOR ANTENNA CONFIGURATIONS. Progress in Electromagnetics Research, 2008, 79, 137-150.	4.4	105
138	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
139	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
140	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
141	Phase Response of Microstrip Reflectarray Elements by FDTD Analysis. , 2007, , .		3
142	A New Rayleigh Quotient Based Beamforming Method for CDMA Communication Systems. IEEE Vehicular Technology Conference, 2007, , .	0.4	2
143	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
144	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

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145	A Novel Method for the Design and Optimization of Microstrip Multi-section Bandpass Combine Filters. , 2006, , .		0
146	A NOVEL MARCHING ALGORITHM FOR RADIO WAVE PROPAGATION MODELING OVER ROUGH SURFACES. Progress in Electromagnetics Research, 2006, 57, 85-100.	4.4	22
147	A new eigen decomposition based algorithm for beamforming in CDMA communication systems. , 2006, , .		0
148	A Simple Adaptive Beamforming Algorithm for CDMA Wireless Communication Systems. , 2006, , .		4
149	Solution of parabolic equations by the least square method with the second order spline basis functions. , 2005, , .		1
150	The Effect of Atmospheric Duct on Modern OFDM-Based Digital Broadcasting Systems. , 2003, , .		1
151	Design of a circularly polarized microstrip slot antenna using Minkowski fractal by the characteristic mode theory. Electronics Letters, 0, , .	1.0	1