

Nader Komjani

List of Publications by Year in descending order

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78
papers

1,292
citations

361413

20
h-index

395702

33
g-index

78
all docs

78
docs citations

78
times ranked

1055
citing authors

#	ARTICLE	IF	CITATIONS
1	Beam Controlling of Horn Antenna Using Huygens Metasurfaces. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1373-1377.	4.0	2
2	Improved performance of an axially-modulated conformal leaky-wave holographic antenna through using variable modulation index. Journal of Electromagnetic Waves and Applications, 2021, 35, 2020-2033.	1.6	6
3	Design of a broadband diplexer based on substrate integrated plasmonic waveguide. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22854.	1.2	5
4	A dual-band power divider based on higher-order modes of spoof surface plasmon polaritons. AIP Advances, 2021, 11, .	1.3	6
5	Design of Dual-beam Orthogonal Circular Polarized Leaky-wave Holographic Antenna. , 2021, , .		7
6	A Spoof Surface Plasmon Polaritons (SSPPs) Based Dual-Band-Rejection Filter with Wide Rejection Bandwidth. Sensors, 2020, 20, 7311.	3.8	16
7	Dual-frequency dual orthogonal polarization wave multiplexing using decoupled pixels based on Holographic technique. Optics Express, 2020, 28, 12424.	3.4	8
8	Shaping Electromagnetic Waves with Flexible and Continuous Control of the Beam Directions Using Holography and Convolution Theorem. Scientific Reports, 2019, 9, 11825.	3.3	13
9	Demonstration of a self-polarizing dual-band single-feed circularly polarized Fabry-Perot cavity antenna with a broadband axial ratio. AEU - International Journal of Electronics and Communications, 2019, 111, 152909.	2.9	2
10	Multibeam Bidirectional Wideband/Wide-Scanning-Angle Holographic Leaky-Wave Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1507-1511.	4.0	37
11	Holographic-Inspired Multiple Circularly Polarized Vortex-Beam Generation with Flexible Topological Charges and Beam Directions. Physical Review Applied, 2019, 11, .	3.8	19
12	Ferrite-based wideband circularly polarized microstrip antenna design. ETRI Journal, 2019, 41, 289-297.	2.0	7
13	Broadband, dual-band reflectarray with dual orthogonal polarisation for single and multi-beam patterns. IET Microwaves, Antennas and Propagation, 2019, 13, 2037-2045.	1.4	7
14	Design and fabrication of a high gain, low cost, LHCP Fabry-Perot antenna at Ku band. Microwave and Optical Technology Letters, 2019, 61, 101-106.	1.4	2
15	Holographic-Inspired Multibeam Reflectarray With Linear Polarization. IEEE Transactions on Antennas and Propagation, 2018, 66, 2870-2882.	5.1	42
16	An ultra-wideband three-way power divider based on spoof surface plasmon polaritons. Journal of Applied Physics, 2018, 124, .	2.5	18
17	Broadband RCS Reduction of Microstrip Antenna Using Coding Frequency Selective Surface. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1382-1385.	4.0	59
18	Realization of Multiple Concurrent Beams With Independent Circular Polarizations by Holographic Reflectarray. IEEE Transactions on Antennas and Propagation, 2018, 66, 4627-4640.	5.1	32

#	ARTICLE	IF	CITATIONS
19	Analysis of Wideband Circularly Polarized Ferrite-Loaded Antenna Based on Unidirectional Resonant Modes. IEEE Transactions on Magnetics, 2017, 53, 1-8.	2.1	10
20	Study of hybrid and pure plasmonic terahertz antennas based on graphene guided-wave structures. Nano Communication Networks, 2017, 12, 34-42.	2.9	19
21	ANALYTICAL METHOD FOR DESIGNING FSS-BACKED REFLECTARRAY ANTENNA USING TRANSMISSION LINE APPROACH. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2017, 16, 529-541.	0.7	6
22	POLARIZABILITY TENSOR CALCULATION USING INDUCED CHARGE AND CURRENT DISTRIBUTIONS. Progress in Electromagnetics Research M, 2016, 45, 123-130.	0.9	16
23	Dual-band X/Ku Reflectarray Antenna Using a Novel FSS-Backed Unit-Cell with Quasi-Spiral Phase Delay Line. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2016, 15, 225-236.	0.7	10
24	New approach to design dual-band frequency selective surface based on frequency response tuning of each individual layer. Microwave and Optical Technology Letters, 2016, 58, 1423-1429.	1.4	10
25	Comparative analysis of graphene-integrated slab waveguides for terahertz plasmonics. Photonics and Nanostructures - Fundamentals and Applications, 2016, 20, 59-67.	2.0	10
26	Optimum design of dual band shaped-beam circularly polarized reflectarray antenna based on physical optic method. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 690-702.	1.2	9
27	Surveying of Pure and Hybrid Plasmonic Structures Based on Graphene for Terahertz Antenna. , 2016, , .		3
28	Waveguide-Fed Tunable Terahertz Antenna Based on Hybrid Graphene-Metal Structure. IEEE Transactions on Antennas and Propagation, 2016, 64, 3787-3793.	5.1	39
29	Ultra wideband antenna design using discrete Green's functions in conjunction with binary particle swarm optimisation. IET Microwaves, Antennas and Propagation, 2016, 10, 184-192.	1.4	11
30	Polarizability calculation of arbitrary individual scatterers, scatterers in arrays, and substrated scatterers. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 491.	2.1	25
31	Bandwidth enhancement of electrically large shaped-beam reflectarray by modifying the shape and phase distribution of reflective surface. AEU - International Journal of Electronics and Communications, 2016, 70, 530-538.	2.9	12
32	Magnetoelectric coupling in nonidentical plasmonic nanoparticles: Theory and applications. Physical Review B, 2015, 91, .	3.2	83
33	A Comparison of Graphene and Noble Metals as Conductors for Plasmonic One-Dimensional Waveguides. IEEE Nanotechnology Magazine, 2015, 14, 829-836.	2.0	44
34	A Bianisotropic Metasurface With Resonant Asymmetric Absorption. IEEE Transactions on Antennas and Propagation, 2015, 63, 3004-3015.	5.1	58
35	Accurate Design of Planar Slotted SIW Array Antennas. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 261-264.	4.0	20
36	A Single-Layer Broadband Reflectarray Antenna by Using Quasi-spiral Phase Delay Line. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 84-87.	4.0	67

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37	An Offset Gregorian Dual-Reflectarray Antenna with Eight Scanned Beams. <i>Electromagnetics</i> , 2014, 34, 111-127.	0.7	0
38	Design of dual-band bandpass filter with improved upper stopband using novel stepped-impedance resonator. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 603-606.	1.4	4
39	Radiation and scattering from a point source on an inhomogeneous substrate. <i>IET Microwaves, Antennas and Propagation</i> , 2014, 8, 1327-1332.	1.4	1
40	A Circularly Polarized Antenna Based on the Unidirectional Resonant Modes of a Ferrite Disk. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 88-95.	2.1	18
41	Analysis of Line Source Radiation Above Grounded Inhomogeneous Chiral Layer Using a Hybrid Method of Fourier Transform and Taylor's Series Expansion. <i>IEEE Transactions on Antennas and Propagation</i> , 2013, 61, 5109-5116.	5.1	3
42	Optimum Design of Traveling-Wave SIW Slot Array Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2013, 61, 1971-1975.	5.1	45
43	Planar UWB monopole antenna with dual band-notched characteristics for UWB applications. <i>Microwave and Optical Technology Letters</i> , 2013, 55, 241-245.	1.4	9
44	A novel H-plane filter using double-layer substrate integrated waveguide with defected ground structures. <i>International Journal of Electronics</i> , 2013, 100, 851-862.	1.4	4
45	Tunable Left-Handed Characteristics of Ferrite Rectangular Waveguide Periodically Loaded With Complementary Split-Ring Resonators. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 4780-4784.	2.1	12
46	Phase error analysis of the effect of feed movement on bandwidth performance of a broadband X-Ku band reflectarray. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2013, 23, 517-526.	1.2	5
47	Presentation and Application of Tunable Reciprocal/Nonreciprocal Metamaterial Transmission Line Based on Edge-Guided Mode. <i>Electromagnetics</i> , 2013, 33, 234-248.	0.7	2
48	Tunable zeroth-order resonator based on a ferrite metamaterial structure. <i>Chinese Physics B</i> , 2013, 22, 107805.	1.4	3
49	ANALYSIS OF ELECTROMAGNETIC CYLINDRICAL WAVE INTERACTION WITH INHOMOGENEOUS PLANAR MEDIA. <i>Progress in Electromagnetics Research</i> , 2013, 139, 133-143.	4.4	2
50	ELECTROMAGNETIC WAVE SCATTERING FROM CYLINDRICAL STRUCTURE WITH MIXED-IMPEDANCE BOUNDARY CONDITIONS. <i>Progress in Electromagnetics Research M</i> , 2013, 29, 207-222.	0.9	1
51	Directivity enhancement of circularly polarized microstrip antennas by chiral metamaterial covers. <i>IEICE Electronics Express</i> , 2012, 9, 117-121.	0.8	9
52	Slow-wave H-plane filter with improved frequency characteristics and reduced size. , 2012, , .		0
53	Design and analysis of a novel tunable Ferrite based left handed strip line. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 914-922.	1.6	3
54	Impact of Feed Position on the Operating Band of Broadband Reflectarray Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 1104-1107.	4.0	22

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55	Design of Novel Dual-Band Bandpass Filter with Multi-Spurious Suppression for WLAN Application. Journal of Electromagnetic Waves and Applications, 2012, 26, 851-862.	1.6	5
56	DESIGN OF DUAL-BAND BANDPASS FILTER WITH WIDE UPPER STOPBAND USING SIR AND GSIR STRUCTURES. Progress in Electromagnetics Research C, 2012, 32, 221-232.	0.9	5
57	Application of Invasive Weed Optimization to Design a Broadband Patch Antenna With Symmetric Radiation Pattern. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1369-1372.	4.0	24
58	Novel technique for improvement of transmission line matrix method algorithm frequency response. , 2011, , .		0
59	Design of a Band-Notched UWB Monopole Antenna by Means of an EBG Structure. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 170-173.	4.0	122
60	The effect of feed position on the performance of a broadband reflectarray. , 2011, , .		1
61	BANDWIDTH ENHANCEMENT OF MICROSTRIP PATCH ANTENNA USING JERUSALEM CROSS-SHAPED FREQUENCY SELECTIVE SURFACES BY INVASIVE WEED OPTIMIZATION APPROACH. Progress in Electromagnetics Research, 2011, 121, 103-120.	4.4	77
62	A COMPACT BAND-NOTCHED UWB PLANAR MONOPOLE ANTENNA WITH PARASITIC ELEMENTS. Progress in Electromagnetics Research Letters, 2011, 24, 129-138.	0.7	32
63	Scattering from spherical conducting/dielectric objects in a rotationally uniaxial anisotropic media. AEU - International Journal of Electronics and Communications, 2011, 65, 539-542.	2.9	1
64	Design of a Compact Hairpin Filter with Spurious Suppression. Journal of Electromagnetic Waves and Applications, 2011, 25, 1059-1067.	1.6	5
65	A novel design of triplexer for GSM based on SIR. Microwave and Optical Technology Letters, 2010, 52, 2563-2568.	1.4	0
66	Design and implementation of a new UWB microstrip antenna. , 2010, , .		10
67	QUASI-ELLIPTIC BANDPASS FILTER BASED ON SIR WITH ELIMINATION OF FIRST SPURIOUS RESPONSE. Progress in Electromagnetics Research C, 2009, 9, 89-100.	0.9	7
68	Quasi-elliptic SIR bandpass filter with Defected Ground Structure. , 2009, , .		0
69	A Circularly Polarized Element for Reflectarray Antennas. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 319-322.	4.0	23
70	A novel circularly polarized fractal microstrip antenna. , 2009, , .		0
71	Novel even harmonic mixer for 3G mobile receivers. , 2008, , .		2
72	Novel Fractal Monopole Wideband Antenna. Journal of Electromagnetic Waves and Applications, 2008, 22, 195-205.	1.6	25

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73	NOVEL ENHANCED AND MINIATURIZED 90° COUPLER FOR 3G EH MIXERS. Progress in Electromagnetics Research Letters, 2008, 3, 43-50.	0.7	9
74	NOVEL EVEN HARMONIC MIXER FOR 3G MOBILE RECEIVERS. Progress in Electromagnetics Research M, 2008, 1, 69-77.	0.9	3
75	SIMULATION OF ULTRA WIDEBAND MICROSTRIP ANTENNA USING EPML-TLM. Progress in Electromagnetics Research B, 2008, 2, 115-124.	1.0	29
76	NOVEL MINIATURIZED WILKINSON POWER DIVIDER FOR 3G MOBILE RECEIVERS. Progress in Electromagnetics Research Letters, 2008, 3, 9-16.	0.7	25
77	The analysis of E-plane filters with loaded resonators with mode matching method. , 2007, , .		0
78	Bow-tie microstrip antenna analysis and design using the FDTD method. , 0, , .		4