

Mohammad Albooyeh

List of Publications by Year in descending order

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22
docs citations

22
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943
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of metasurface based perfect absorbers. Journal Physics D: Applied Physics, 2017, 50, 503002.	2.8	138
2	All-dielectric reciprocal bianisotropic nanoparticles. Physical Review B, 2015, 92, .	3.2	79
3	Giant Circular Dichroism at Visible Frequencies Enabled by Plasmonic Ramp-Shaped Nanostructures. ACS Photonics, 2019, 6, 924-931.	6.6	60
4	A Bianisotropic Metasurface With Resonant Asymmetric Absorption. IEEE Transactions on Antennas and Propagation, 2015, 63, 3004-3015.	5.1	58
5	Resonant metasurfaces at oblique incidence: interplay of order and disorder. Scientific Reports, 2014, 4, 4484.	3.3	57
6	Electromagnetic characterization of substrated metasurfaces. Metamaterials, 2011, 5, 178-205.	2.2	55
7	Effective electric and magnetic properties of metasurfaces in transition from crystalline to amorphous state. Physical Review B, 2012, 85, .	3.2	46
8	Optical metamirror: all-dielectric frequency-selective mirror with fully controllable reflection phase. Journal of the Optical Society of America B: Optical Physics, 2016, 33, A16.	2.1	39
9	Huge local field enhancement in perfect plasmonic absorbers. Optics Express, 2012, 20, 21888.	3.4	36
10	Substrate-induced bianisotropy in plasmonic grids. Journal of Optics (United Kingdom), 2011, 13, 105102.	2.2	35
11	Analysis of Metasurfaces at Oblique Incidence. IEEE Transactions on Antennas and Propagation, 2017, 65, 2397-2404.	5.1	31
12	Quantum Metamaterials with Magnetic Response at Optical Frequencies. Physical Review Letters, 2020, 125, 063601.	7.8	27
13	A NOVEL CROSS-SLOT GEOMETRY TO IMPROVE IMPEDANCE BANDWIDTH OF MICROSTRIP ANTENNAS. Progress in Electromagnetics Research Letters, 2008, 4, 63-72.	0.7	26
14	A Circularly Polarized Element for Reflectarray Antennas. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 319-322.	4.0	23
15	Simultaneous Perfect Bending and Polarization Rotation of Electromagnetic Wavefront Using Chiral Gradient Metasurfaces. Physical Review Applied, 2020, 13, .	3.8	15
16	Illusion mechanisms with cylindrical metasurfaces: A general synthesis approach. Physical Review B, 2019, 100, .	3.2	14
17	Extreme coupling: A route towards local magnetic metamaterials. Physical Review B, 2014, 89, .	3.2	8
18	Revised transmission line model for electromagnetic characterization of metasurfaces. Physical Review B, 2013, 88, .	3.2	7

#	ARTICLE	IF	CITATIONS
19	Effective response of metasurfaces: From periodical to random structures. , 2012, , .		1
20	Applications and Potentials of Reciprocal Bianisotropic Metasurfaces. , 2019, , .		1
21	Perfect Anomalous Reflection and Refraction Accompanied by an Ideal Polarization Conversion: Potential of a Chiral Metasurface. , 2019, , .		1
22	Properties of periodic metasurfaces versus amorphous arrangements at oblique incidence. , 2013, , .		0