

Mohammad Albooyeh

List of Publications by Year in descending order

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567281

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943
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Metamaterials with Magnetic Response at Optical Frequencies. Physical Review Letters, 2020, 125, 063601.	7.8	27
2	Simultaneous Perfect Bending and Polarization Rotation of Electromagnetic Wavefront Using Chiral Gradient Metasurfaces. Physical Review Applied, 2020, 13, .	3.8	15
3	Illusion mechanisms with cylindrical metasurfaces: A general synthesis approach. Physical Review B, 2019, 100, .	3.2	14
4	Giant Circular Dichroism at Visible Frequencies Enabled by Plasmonic Ramp-Shaped Nanostructures. ACS Photonics, 2019, 6, 924-931.	6.6	60
5	Applications and Potentials of Reciprocal Bianisotropic Metasurfaces. , 2019, , .		1
6	Perfect Anomalous Reflection and Refraction Accompanied by an Ideal Polarization Conversion: Potential of a Chiral Metasurface. , 2019, , .		1
7	Analysis of Metasurfaces at Oblique Incidence. IEEE Transactions on Antennas and Propagation, 2017, 65, 2397-2404.	5.1	31
8	Theory of metasurface based perfect absorbers. Journal Physics D: Applied Physics, 2017, 50, 503002.	2.8	138
9	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
10	All-dielectric reciprocal bianisotropic nanoparticles. Physical Review B, 2015, 92, .	3.2	79
11	A Bianisotropic Metasurface With Resonant Asymmetric Absorption. IEEE Transactions on Antennas and Propagation, 2015, 63, 3004-3015.	5.1	58
12	Extreme coupling: A route towards local magnetic metamaterials. Physical Review B, 2014, 89, .	3.2	8
13	Resonant metasurfaces at oblique incidence: interplay of order and disorder. Scientific Reports, 2014, 4, 4484.	3.3	57
14	Revised transmission line model for electromagnetic characterization of metasurfaces. Physical Review B, 2013, 88, .	3.2	7
15	Properties of periodic metasurfaces versus amorphous arrangements at oblique incidence. , 2013, , .		0
16	Huge local field enhancement in perfect plasmonic absorbers. Optics Express, 2012, 20, 21888.	3.4	36
17	Effective response of metasurfaces: From periodical to random structures. , 2012, , .		1
18	Effective electric and magnetic properties of metasurfaces in transition from crystalline to amorphous state. Physical Review B, 2012, 85, .	3.2	46

#	ARTICLE	IF	CITATIONS
19	Electromagnetic characterization of substrated metasurfaces. <i>Metamaterials</i> , 2011, 5, 178-205.	2.2	55
20	Substrate-induced bianisotropy in plasmonic grids. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 105102.	2.2	35
21	A Circularly Polarized Element for Reflectarray Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 319-322.	4.0	23
22	A NOVEL CROSS-SLOT GEOMETRY TO IMPROVE IMPEDANCE BANDWIDTH OF MICROSTRIP ANTENNAS. <i>Progress in Electromagnetics Research Letters</i> , 2008, 4, 63-72.	0.7	26