

Anton S Kupriianov

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

612
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Metasurface Engineering through Bound States in the Continuum. <i>Physical Review Applied</i> , 2019, 12, .	3.8	157
2	High-quality trapped modes in all-dielectric metamaterials. <i>Optics Express</i> , 2018, 26, 2905.	3.4	109
3	Experimental Observation of Toroidal Dipole Modes in All-Dielectric Metasurfaces. <i>Advanced Optical Materials</i> , 2019, 7, 1801166.	7.3	71
4	Bound States in the Continuum Underpin Near-Lossless Maximum Chirality in Dielectric Metasurfaces. <i>Advanced Optical Materials</i> , 2021, 9, 2100797.	7.3	71
5	Controlling high-Q trapped modes in polarization-insensitive all-dielectric metasurfaces. <i>Physical Review B</i> , 2019, 99, .	3.2	60
6	All-dielectric metasurfaces with trapped modes: Group-theoretical description. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	46
7	Transparency and perfect absorption of all-dielectric resonant metasurfaces governed by the transverse Kerker effect. <i>Physical Review Materials</i> , 2019, 3, .	2.4	40
8	Symmetry analysis of trimer-based all-dielectric metasurfaces with toroidal dipole modes. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 115107.	2.8	20
9	Toroidic and antitoroidic orders in hexagonal arrays of dielectric trimers: Magnetic group approach. <i>Physical Review B</i> , 2021, 103, .	3.2	11
10	Microwave Approach to Study Resonant Features of All-dielectric Metasurfaces. , 2019, , .		5
11	Transition between toroidic orders in dielectric metasurfaces by polarization of the incident wave. <i>Optics Letters</i> , 2021, 46, 2964.	3.3	5
12	Approach to analysis of all-dielectric free-form antenna systems. <i>Optics Express</i> , 2019, 27, 22363.	3.4	5
13	All-dielectric Vogel metasurface antennas with bidirectional radiation pattern. <i>Journal of Optics (United Kingdom)</i> , 2020, 22, 035104.	2.2	4
14	Coupling coefficients for dielectric cuboids located in free space. <i>Applied Optics</i> , 2020, 59, 6918.	1.8	3
15	Axial Toroidal Dipole Modes in All-Dielectric Trimer Metasurfaces. , 2018, , .		2
16	Coupling coefficient of two rotated cylindrical dielectric resonators disposed in free space. <i>Journal of Electromagnetic Waves and Applications</i> , 2022, 36, 1731-1744.	1.6	2
17	Anapole Observation in All-dielectric Trimer-based Metasurface. , 2022, , .		1