

Anton S Kupriianov

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

612
citations

1040056

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times ranked

411
citing authors

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