

Vassili Savinov

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

979
citations

1163117

8
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

1293
citing authors

#	ARTICLE	IF	CITATIONS
1	Roadmap on plasmonics. Journal of Optics (United Kingdom), 2018, 20, 043001.	2.2	240
2	Optical Anapole Metamaterial. ACS Nano, 2018, 12, 1920-1927.	14.6	216
3	Design of plasmonic toroidal metamaterials at optical frequencies. Optics Express, 2012, 20, 1760.	3.4	153
4	Sharp Toroidal Resonances in Planar Terahertz Metasurfaces. Advanced Materials, 2016, 28, 8206-8211.	21.0	148
5	Dielectric Metamaterials with Toroidal Dipolar Response. Physical Review X, 2015, 5, .	8.9	145
6	A Metamaterial Analog of the Ising Model. Advanced Materials, 2018, 30, e1804210.	21.0	31
7	Singularities in the flying electromagnetic doughnuts. Nanophotonics, 2019, 8, 1379-1385.	6.0	20
8	Space-time nonseparable pulses: Constructing isodiffracting donut pulses from plane waves and single-cycle pulses. Physical Review A, 2020, 102, .	2.5	11
9	Three-dimensional metamaterials: from split ring resonator to toroidal metamolecule. , 2014, , .		6
10	Optical toroidal response in three-dimensional plasmonic metamaterial. , 2015, , .		4
11	Toy model of second harmonic generation due to structuring of centrosymmetric films. Optics Express, 2020, 28, 33346.	3.4	3
12	Toy model of harmonic and sum frequency generation in 2D dielectric nanostructures. Scientific Reports, 2021, 11, 20120.	3.3	2
13	Non-isolated sources of electromagnetic radiation by multipole decomposition for photonic quantum technologies on a chip with nanoscale apertures. Nanoscale Advances, 2021, 3, 190-197.	4.6	0
14	Plasmonic toroidal excitation with engineering metamaterials. , 2017, , .		0
15	Generation of Topological Space-Time Non-Separable Light Pulses. , 2020, , .		0