

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
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all docs

15
docs citations

15
times ranked

1293
citing authors

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