

Evgeniy A Mamonov

List of Publications by Year in descending order

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28
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693
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Magnetic Second-Harmonic Generation from Resonant Metasurfaces. ACS Photonics, 2015, 2, 1007-1012.	6.6	102
2	Two-Photon Luminescence and Second-Harmonic Generation in Organic Nonlinear Surface Comprised of Self-Assembled Frustum Shaped Organic Microlasers. Advanced Materials, 2017, 29, 1605260.	21.0	75
3	Advanced Organic and Polymer Whispering-Gallery-Mode Microresonators for Enhanced Nonlinear Optical Light. Advanced Optical Materials, 2018, 6, 1800343.	7.3	70
4	Chirality-Controlled Multiphoton Luminescence and Second-Harmonic Generation from Enantiomeric Organic Micro-Optical Waveguides. Advanced Optical Materials, 2019, 7, 1801775.	7.3	53
5	Chiral organic photonics: self-assembled micro-resonators for an enhanced circular dichroism effect in the non-linear optical signal. Journal of Materials Chemistry C, 2017, 5, 12349-12353.	5.5	40
6	Ambient Pressure Sublimation Technique Provides Polymorph-Selective Perylene Nonlinear Optical Microcavities. Advanced Optical Materials, 2020, 8, 1901317.	7.3	36
7	Chirality in nonlinear-optical response of planar G-shaped nanostructures. Optics Express, 2012, 20, 8518.	3.4	23
8	Polarization-resolved second harmonic generation microscopy of chiral G-shaped metamaterials. Physical Review B, 2017, 96, .	3.2	21
9	Multifunctional Chiral Conjugated Polymer Microspheres: Production and Confinement of NLO signal, Detection of Circularly Polarized Light, and Display of Laser-Triggered NLO Emission Shifts. Advanced Optical Materials, 2020, 8, 2000431.	7.3	21
10	A Two-Photon Pumped Supramolecular Upconversion Microresonator. ChemNanoMat, 2018, 4, 764-768.	2.8	19
11	Coherent and incoherent second harmonic generation in planar G-shaped nanostructures. Optics Letters, 2011, 36, 3681.	3.3	18
12	High Optical Energy Storage and Two-Photon Luminescence from Solution-Processed Perovskite-Polystyrene Composite Microresonators. ACS Applied Energy Materials, 2019, 2, 428-435.	5.1	15
13	Mechanophotonics: precise selection, assembly and disassembly of polymer optical microcavities via mechanical manipulation for spectral engineering. Nanoscale Advances, 2020, 2, 5584-5590.	4.6	13
14	Second-harmonic generation interferometry in magnetic-dipole nanostructures. Optics Letters, 2015, 40, 3758.	3.3	10
15	Enhanced nonlinear optical effects in organic frustum-shaped microresonators. Laser Physics Letters, 2017, 14, 035403.	1.4	8
16	Whispering gallery modes in two-photon fluorescence from spherical DCM dye microresonators. Laser Physics Letters, 2018, 15, 035401.	1.4	8
17	Chirality driven effects in multiphoton excited whispering gallery mode microresonators prepared by a self-assembly technique. Laser Physics Letters, 2020, 17, 036201.	1.4	6
18	Circular dichroism in optical second harmonic generated in reflection from chiral G-shaped metamaterials. Journal of Physics: Conference Series, 2012, 352, 012029.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Measurement of the Efficiency of Detection by Single-Photon Counters Based on Avalanche Photodiodes by the Method of Spontaneous Parametric Down Conversion with Spectrally Asymmetric Channels. <i>Measurement Techniques</i> , 2019, 61, 1166-1173.	0.6	4
20	Effect of inhomogeneous magnetization in optical second harmonic generation from layered nanostructures. <i>Optics Express</i> , 2021, 29, 2106.	3.4	4
21	Resonant optical effects in composite Co/opal-based magnetoplasmonic structures. <i>Optics Letters</i> , 2021, 46, 3087.	3.3	4
22	Size Effects in Optical and Magneto-Optical Response of Opal-Cobalt Heterostructures. <i>Materials</i> , 2021, 14, 3481.	2.9	3
23	Nonlinear optical effects in organic microstructures. <i>Proceedings of SPIE</i> , 2017, , .	0.8	2
24	Laser intensity-dependent nonlinear-optical effects in organic whispering gallery mode cavity microstructures. <i>Optics Letters</i> , 2020, 45, 4622.	3.3	2
25	Enhanced Magnetic Second-Harmonic Generation from Resonant Metasurfaces. , 2015, , .		1
26	Interface Driven Effects in Magnetization-Induced Optical Second Harmonic Generation in Layered Films Composed of Ferromagnetic and Heavy Metals. <i>Materials</i> , 2021, 14, 3573.	2.9	1
27	Polarization Properties Of SHG From Chiral G-shaped Nanostructures. , 2011, , .		0
28	Optical second harmonic generation from chiral nanostructures. , 2017, , .		0