

Daniel H G Espinosa

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

121
citations

1163117

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1281871

11
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12
all docs

12
docs citations

12
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of nanoparticle size on the nonlinear optical properties of magnetite ferrofluids. <i>Physical Review E</i> , 2013, 88, 032302.	2.1	26
2	AlGaAs Nonlinear Integrated Photonics. <i>Micromachines</i> , 2022, 13, 991.	2.9	15
3	Two-photon absorption cross section of magnetite nanoparticles in magnetic colloids and thin films. <i>Journal of Applied Physics</i> , 2017, 121, 043103.	2.5	13
4	Influence of an external magnetic field in the two-photon absorption coefficient of magnetite nanoparticles in colloids and thin films. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 346.	2.1	11
5	Relaxed Phase-Matching Constraints in Zero-Index Waveguides. <i>Physical Review Letters</i> , 2022, 128, .	7.8	11
6	Optical nonlinearities and thermal lens effect of a-Si:H films investigated by Z-scan technique. <i>Physics Procedia</i> , 2012, 28, 33-38.	1.2	9
7	Thermal Lens Phenomenon Studied by the Z-Scan Technique: Measurement of the Thermal Conductivity of Highly Absorbing Colloidal Solutions. <i>Brazilian Journal of Physics</i> , 2016, 46, 547-555.	1.4	9
8	Tunable four-wave mixing in AlGaAs waveguides of three different geometries. <i>Optics Communications</i> , 2021, 479, 126450.	2.1	9
9	Investigation of the optical absorption of a magnetic colloid from the thermal to the electronic time-scale regime: measurement of the free-carrier absorption cross-section. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 280.	2.1	6
10	Structural and Nonlinear Optical Characteristics of In Vitro Glycation of Human Low-Density Lipoprotein, as a Function of Time. <i>Brazilian Journal of Physics</i> , 2018, 48, 560-570.	1.4	5
11	Morphological metamorphosis of magnetic nanoparticles due to the presence of rare earth atoms in the spinel structure: From spheres to cubes. <i>Materials Chemistry and Physics</i> , 2019, 222, 217-226.	4.0	4
12	Geometry-dependent two-photon absorption followed by free-carrier absorption in AlGaAs waveguides. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 3765.	2.1	3