

Somayeh Salmani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1953745/publications.pdf>

Version: 2024-02-01

27
papers

277
citations

840119

11
h-index

940134

16
g-index

27
all docs

27
docs citations

27
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Graphene Oxide Thin Film with Strong Optical Nonlinearity. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000397.	0.7	7
2	Nonlinear optical properties of nematic liquid crystal matrix doped with graphene nanosheets. <i>Phase Transitions</i> , 2021, 94, 871-884.	0.6	3
3	Effect of nanoparticles' diameter and concentration on the optical pulse formation in nanosuspensions. <i>Physics and Chemistry of Liquids</i> , 2020, 58, 651-663.	0.4	0
4	Ag/PVP nanocomposite thin film with giant optical nonlinearity. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	14
5	Interferometric optical testing to discriminate benign and malignant brain tumors. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111590.	1.7	3
6	Experimental Comparison of Nonlinear Optical Properties Between Graphene Oxide and Reduced Graphene Oxide. <i>Journal of Electronic Materials</i> , 2019, 48, 6414-6420.	1.0	7
7	Effect of the reverse micelle and oil content in reverse micelle on nonlinear optical properties of Rhodamine B. <i>Journal of Molecular Structure</i> , 2019, 1191, 237-243.	1.8	10
8	Difference Frequency Generation-based ultralow threshold Optical Bistability in graphene at visible frequencies, an experimental realization. <i>Journal of Molecular Liquids</i> , 2019, 284, 92-101.	2.3	10
9	Improved Graphene Oxide Thin Films (Im-GO TFs) with Strong Optical Nonlinearity. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2019, 14, 109-117.	0.1	1
10	Interferometry Method as a Way to Find Nonlinear Optical Responses of Nanoparticles. <i>Acta Physica Polonica A</i> , 2019, 136, 62-65.	0.2	0
11	Thin reduced graphene oxide film with enhanced optical nonlinearity. <i>Optik</i> , 2018, 156, 104-111.	1.4	13
12	The simple optical methods for early diagnosis of selected benign and malignant brain tumors of human. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018, 27, 1850033.	1.1	8
13	Synergetic effect of Ag/PVP on nonlinear optical characteristic of rGO transparent thin films. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	4
14	Early diagnosis by comparison between interferometry and Z-scan methods to measure NLO refraction of human skin cancer (BCC and SCC) <i>in vitro</i> . <i>Journal of Nonlinear Optical Physics and Materials</i> , 2017, 26, 1750033.	1.1	9
15	Experimental observation of low threshold optical bistability in exfoliated graphene with low oxidation degree. <i>Optical Materials</i> , 2016, 53, 80-86.	1.7	19
16	The optical length effect, diffraction pattern and thermal lensing of Disperse Orange 25. <i>Optics and Laser Technology</i> , 2016, 82, 34-37.	2.2	12
17	The acoustical sensor: The photoacoustic effect in an azo-dye. <i>Dyes and Pigments</i> , 2016, 125, 132-135.	2.0	13
18	Investigation of the optical bistability in the PMMA polymer doped with MNA. <i>Journal of Molecular Liquids</i> , 2014, 199, 79-82.	2.3	2

#	ARTICLE	IF	CITATIONS
19	Optimizing experimental parameters on OPC in PMMA polymer doped azo dye. Journal of Molecular Liquids, 2013, 182, 102-105.	2.3	4
20	Optical bistability of azo dye-doped PMMA polymer. Optical Materials, 2013, 35, 1619-1622.	1.7	12
21	Investigation of nonlinear optical responses and observing diffraction rings in acid dye (Patent) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	17
22	Optical characterization of Erioglaurine using z-scan technique, beam radius variations and diffraction pattern in far-field. Current Applied Physics, 2009, 9, 885-889.	1.1	16
23	Nonlinear optical responses of Sudan IV doped liquid crystal by z-scan and moirÃ© deflectometry techniques. Journal of Molecular Liquids, 2008, 142, 29-31.	2.3	38
24	Measurement of nonlinear refraction of dyes doped liquid crystal using moirÃ© deflectometry. Journal of Molecular Liquids, 2008, 140, 21-24.	2.3	20
25	Nonlinear optical properties of a dithiooxamide determined by single beam techniques. Materials Chemistry and Physics, 2008, 109, 320-324.	2.0	15
26	Frequency mixing processes in F_A center systems. , 2007, , .		0
27	Ï³(3) measurement in Æ5-oxo-4,5-dihydroindeno [1,2-b] pyransâ€•using the z-scan and the moirÃ© deflectometry techniques. Optics Communications, 2007, 278, 418-422.	1.0	20