

Somayeh Salmani

List of Publications by Year in descending order

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27
papers

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citations

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docs citations

27
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear optical responses of Sudan IV doped liquid crystal by z-scan and moiré deflectometry techniques. <i>Journal of Molecular Liquids</i> , 2008, 142, 29-31.	2.3	38
2	Third-order measurement in 5-oxo-4,5-dihydroindeno [1,2-b] pyrans using the z-scan and the moiré deflectometry techniques. <i>Optics Communications</i> , 2007, 278, 418-422.	1.0	20
3	Measurement of nonlinear refraction of dyes doped liquid crystal using moiré deflectometry. <i>Journal of Molecular Liquids</i> , 2008, 140, 21-24.	2.3	20
4	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
5	Investigation of nonlinear optical responses and observing diffraction rings in acid dye (Patent) Tj ETQq1 1 0.784314rgBT /Overlock 10	1.1	17
6	Optical characterization of Erioglaucline using z-scan technique, beam radius variations and diffraction pattern in far-field. <i>Current Applied Physics</i> , 2009, 9, 885-889.	1.1	16
7	Nonlinear optical properties of a dithiooxamide determined by single beam techniques. <i>Materials Chemistry and Physics</i> , 2008, 109, 320-324.	2.0	15
8	Ag/PVP nanocomposite thin film with giant optical nonlinearity. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	14
9	The acoustical sensor: The photoacoustic effect in an azo-dye. <i>Dyes and Pigments</i> , 2016, 125, 132-135.	2.0	13
10	Thin reduced graphene oxide film with enhanced optical nonlinearity. <i>Optik</i> , 2018, 156, 104-111.	1.4	13
11	Optical bistability of azo dye-doped PMMA polymer. <i>Optical Materials</i> , 2013, 35, 1619-1622.	1.7	12
12	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
13	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
14	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
15	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
16	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
17	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
18	Reduced Graphene Oxide Thin Film with Strong Optical Nonlinearity. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000397.	0.7	7

#	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	Synergetic effect of Ag/PVP on nonlinear optical characteristic of rGO transparent thin films. Optical and Quantum Electronics, 2018, 50, 1.	1.5	4
21	Interferometric optical testing to discriminate benign and malignant brain tumors. Journal of Photochemistry and Photobiology B: Biology, 2019, 199, 111590.	1.7	3
22	Nonlinear optical properties of nematic liquid crystal matrix doped with graphene nanosheets. Phase Transitions, 2021, 94, 871-884.	0.6	3
23	Investigation of the optical bistability in the PMMA polymer doped with MNA. Journal of Molecular Liquids, 2014, 199, 79-82.	2.3	2
24	Improved Graphene Oxide Thin Films (Im-GO TFs) with Strong Optical Nonlinearity. Journal of Nanoelectronics and Optoelectronics, 2019, 14, 109-117.	0.1	1
25	Frequency mixing processes in F _A center systems. , 2007, , .		0
26	Effect of nanoparticles' diameter and concentration on the optical pulse formation in nanosuspensions. Physics and Chemistry of Liquids, 2020, 58, 651-663.	0.4	0
27	Interferometry Method as a Way to Find Nonlinear Optical Responses of Nanoparticles. Acta Physica Polonica A, 2019, 136, 62-65.	0.2	0