

Christophe Cassagne

List of Publications by Year in descending order

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19
papers

217
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1163117

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1058476

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docs citations

20
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase shift imaging in thin films using CW Z-scan based technique. <i>Physica B: Condensed Matter</i> , 2021, 603, 412608.	2.7	3
2	Nonlinear optical study of Schiff bases using Z-scan technique. <i>Optics and Laser Technology</i> , 2020, 124, 105968.	4.6	44
3	Large third-order optical nonlinearity of chalcogenide glasses within gallium-selenium ternary system. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5050-5055.	3.8	5
4	Synthesis, Optical, and Morphological Studies of ZnO Powders and Thin Films Fabricated by Wet Chemical Methods. <i>Materials</i> , 2020, 13, 2559.	2.9	13
5	Influence of strong light beams on the nonlinear refraction and absorption coefficients of transparent materials. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 3411.	2.1	5
6	Measurement of the third order optical nonlinearities of graphene quantum dots in water at 355 nm, 532 nm and 1064 nm. <i>Optical Materials Express</i> , 2019, 9, 339.	3.0	12
7	Optimizing Dark Field Z-Scan for Third Order Optical Nonlinear Measurements in a Microscopic Configuration. , 2018, , .		0
8	Dark field Z-scan microscopic configuration for nonlinear optical measurements: Numerical study. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018, 27, 1850037.	1.8	0
9	Measurement of the optical nonlinearities of water, ethanol and tetrahydrofuran (THF) at 355Ånm. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	8
10	Nonlinear optical characterization of Disperse Orange 3. <i>Optical Materials</i> , 2017, 72, 545-548.	3.6	27
11	Nonlinear properties of unfilled d shell metal porphyrins using the beam waist relative variation method. , 2017, , .		0
12	Nonlinear properties of unfilled d shell metal porphyrins of 5,10,15,20-tetraphenyl-21H, 23H-porphine cobalt(II) et 5,10,15,20-tetrakis(4-methoxyphenyl)-21H, 23H-porphine cobalt(II) using D4 If-Z-scan. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2016, 25, 1650050.	1.8	10
13	Investigations on the nonlinear optical response and losses of toluene at 532 and 1064Ånm in the picosecond regime. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	2.2	5
14	Dark-field Z-scan technique with highly nonlinear absorbing materials: Application to porphyrins. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2016, 25, 1650020.	1.8	4
15	Dark-field Z-scan imaging technique and application to optical nonlinear refraction measurement. , 2016, , .		1
16	Dark-field Z-scan imaging technique. <i>Optics Communications</i> , 2016, 366, 148-153.	2.1	6
17	Measurements of the third- and fifth-order optical nonlinearities of water at 532 and 1064Ånm using the D4If method. <i>Optics Letters</i> , 2014, 39, 5046.	3.3	30
18	Third- and fifth-order optical nonlinearities characterization using the D4σ-Z-scan method. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Nonlinear characterization of materials using the D _{4f} method inside a Z-scan 4f-system. Optics Letters, 2013, 38, 2206.	3.3	44