

Pascal Masselin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5610919/publications.pdf>

Version: 2024-02-01

22
papers

300
citations

759233

12
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially resolved Raman analysis of laser induced refractive index variation in chalcogenide glass. <i>Optical Materials Express</i> , 2012, 2, 1768.	3.0	39
2	CsCl effect on the optical properties of the 80GeS ₂ –20Ga ₂ S ₃ base glass. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 106, 697-702.	2.3	37
3	Direct laser writing of buried waveguide in As ₂ S ₃ glass using a helical sample translation. <i>Optics Letters</i> , 2013, 38, 4212.	3.3	24
4	Free carrier accumulation during direct laser writing in chalcogenide glass by light filamentation. <i>Optics Express</i> , 2011, 19, 20088.	3.4	17
5	Influence of NaX (X=I or Cl) additions on GeS ₂ –Ga ₂ S ₃ based glasses. <i>Journal of Solid State Chemistry</i> , 2014, 220, 238-244.	2.9	16
6	Direct laser writing of a low-loss waveguide with independent control over the transverse dimension and the refractive index contrast between the core and the cladding. <i>Optics Letters</i> , 2016, 41, 3507.	3.3	16
7	Telluride glasses with far-infrared transmission up to 35 μ m. <i>Optical Materials</i> , 2017, 72, 809-812.	3.6	16
8	Four-wave mixing in one-dimensional photonic crystals: inhomogeneous-wave excitation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2002, 19, 1865.	2.1	15
9	Glassy GaS: transparent and unusually rigid thin films for visible to mid-IR memory applications. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 25560-25573.	2.8	15
10	Refractive index variations induced by femtosecond laser direct writing in the bulk of As ₂ S ₃ glass at high repetition rate. <i>Optical Materials</i> , 2011, 33, 872-876.	3.6	14
11	Mercury thioarsenate glasses: a hybrid chain/pyramidal network. <i>RSC Advances</i> , 2014, 4, 49236-49246.	3.6	13
12	Bent HgI ₂ Molecules in the Melt and Sulfide Glasses: Implications for Nonlinear Optics. <i>Chemistry of Materials</i> , 2019, 31, 4103-4112.	6.7	13
13	Nonlinear process in photonic crystals under the noncollinear interaction. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2002, 19, 2083.	2.1	12
14	Measurement of the D/H, 18O/16O, and 17O/16O Isotope Ratios in Water by Laser Absorption Spectroscopy at 2.73 μ m. <i>Sensors</i> , 2014, 14, 9027-9045.	3.8	12
15	Morphology of waveguide written by femtosecond laser in glass. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1832-1835.	3.1	11
16	Synthesis and properties of new CdSe–AgI–As ₂ Se ₃ chalcogenide glasses. <i>Materials Research Bulletin</i> , 2011, 46, 210-215.	5.2	9
17	Ultrafast Laser Inscription of High-Performance Mid-Infrared Waveguides in Chalcogenide Glass. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 2123-2126.	2.5	7
18	Mercury Sulfide Dimorphism in Thioarsenate Glasses. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5278-5290.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Step-index fibre from metal halide chalcogenide glasses. Optical Materials Express, 2020, 10, 2800.	3.0	5
20	[INVITED] Tailoring the morphology of photowritten buried waveguides by helical trajectory in As ₂ S ₃ glass. Optics and Laser Technology, 2016, 78, 56-61.	4.6	3
21	New strategy for direct laser writing of low loss waveguide. , 2017, , .		0
22	New Method for Direct Laser Writing of High Performances Near and Mid-infrared Waveguides. , 2018, , .		0