Ollier NadÃ¨ge

List of Publications by Year
in descending order

36 papers	556 citations	687220 13 h-index	642610 23 g-index
37 all docs	37 docs citations	37 times ranked	495 citing authors

#	Article	IF	Citations
1	An Overview of the Thermal Erasure Mechanisms of Femtosecond Laserâ€Induced Nanogratings in Silica Glass. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100023.	0.8	19
2	Red luminescence and UV light generation of europium doped zinc oxide thin films for optoelectronic applications. EPJ Applied Physics, 2020, 91, 10501.	0.3	19
3	Single crystal growth, optical absorption and luminescence properties under VUV-UV synchrotron excitation of type III Pr3+:KGd(PO3)4. Scientific Reports, 2020, 10, 6712.	1.6	3
4	Tuning Eu2+ amount and site symmetry in phosphate glasses under irradiation by electron energy and integrated dose. Optical Materials, 2019, 95, 109253.	1.7	2
5	First-Principles Investigation of Paramagnetic Centers in P2 O5 Based Glasses. , 2019, , .		0
6	Relaxation study of pre-densified silica glasses under 2.5â€‰MeV electron irradiation. Scientific Reports, 2019, 9, 1227.	1.6	15
7	Unique silica polymorph obtained under electron irradiation. Applied Physics Letters, 2019, 115, 251101.	1.5	10
8	Creation of glass-characteristic point defects in crystalline SiO2 by 2.5â€¯MeV electrons and by fast neutrons. Journal of Non-Crystalline Solids, 2019, 505, 252-259.	1.5	11
9	Origin of Radiation-Induced Darkening in Yb³⁺/Al³⁺/P⁵⁺-Doped Silica Glasses: Effect of the P/Al Ratio. Journal of Physical Chemistry B, 2018, 122, 2809-2820.	1.2	48
10	RE2O3-alkaline earth-aluminosilicate fiber glasses: Melt properties, crystallization, and the network structures. Journal of Non-Crystalline Solids, 2018, 492, 115-125.	1.5	12
11	EPR reversible signature of self-trapped holes in fictive temperature-treated silica glass. Journal of Applied Physics, 2018, 123, .	1.1	6
12	Single crystal growth, optical absorption and luminescence properties under VUV-UV synchrotron excitation of type III Ce3+:KGd(PO3)4, a promising scintillator material. Scientific Reports, 2018, 8, 11002.	1.6	9
13	Optical properties of chlorine- and oxygen-related defects in SiO2 glass and optical fibers. , 2018, , .		1
14	Temperature reversible Self-Trapped Holes in fictive temperature-treated silica. , 2018, , .		0
15	Determination of paramagnetic concentrations inside a diamagnetic matrix using solid-state NMR. Physical Chemistry Chemical Physics, 2017, 19, 12175-12184.	1.3	10
16	Radiation hardening of silica glass through fictive temperature reduction. International Journal of Applied Glass Science, 2017, 8, 285-290.	1.0	8
17	Manipulating refractive index, homogeneity and spectroscopy of Yb^3+-doped silica-core glass towards high-power large mode area photonic crystal fiber lasers. Optics Express, 2017, 25, 25960.	1.7	38
18	Suppression mechanism of radiation-induced darkening by Ce doping in Al/Yb/Ce-doped silica glasses: Evidence from optical spectroscopy, EPR and XPS analyses. Journal of Applied Physics, 2016, 120, .	1.1	27

#	Article	IF	Citations
19	Study of Radiation Effects on Er3+-Doped Nanoparticles Germano-Silica Fibers. Journal of Lightwave Technology, 2016, 34, 4981-4987.	2.7	3
20	Radiation hardening of sol gel-derived silica fiber preforms through fictive temperature reduction. Applied Optics, 2016, 55, 7455.	2.1	7
21	Investigation of radiation resistance of Er3+ doped germano-silica fibers by means of SiO2 and Al2O3 nanoparticles. , 2016, , .		0
22	Improving optical fiber preform radiation resistance through fictive temperature reduction. , 2016, , .		0
23	Radiation hardening in sol-gel derived Er3+-doped silica glasses. Journal of Applied Physics, 2015, 118, .	1.1	18
24	Impact of rare earth element clusters on the excited state lifetime evolution under irradiation in oxide glasses. Optics Express, 2015, 23, 3270.	1.7	22
25	Influence of impurities on Cr3+ luminescence properties in Brazilian emerald and alexandrite. European Journal of Mineralogy, 2015, 27, 783-792.	0.4	12
26	Interplay between photo- and radiation-induced darkening in ytterbium-doped fibers. Optics Letters, 2014, 39, 5969.	1.7	16
27	In Situ Optical Extinction Measurement for Locally Control of Surface Plasmon Resonance During Nanosecond Laser Irradiation of Silver Ion Exchanged Silicate Glass. Plasmonics, 2013, 8, 1227-1234.	1.8	0
28	Evidence of AlOHC responsible for the radiation-induced darkening in Yb doped fiber. Optics Express, 2013, 21, 8382.	1.7	85
29	Binary potassium-silicate glass irradiated with electrons. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 3461-3465.	0.6	9
30	Direct Evidence for Trivalent Titanium in Artificially Irradiated (electrons) Oxide Glasses. AIP Conference Proceedings, 2007, , .	0.3	2
31	Micro-Raman studies on 50keV electron irradiated silicate glass. Journal of Non-Crystalline Solids, 2006, 352, 5337-5343.	1.5	13
32	Effects of temperature and flux on oxygen bubble formation in Li borosilicate glass under electron beam irradiation. Journal of Applied Physics, 2006, 99, 073511.	1.1	29
33	Irradiation effects in simplified nuclear waste glasses. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 146-151.	0.6	58
34	Spectroscopy of a Bulk GaN Microcavity Grown on Si(111). Japanese Journal of Applied Physics, 2005, 44, 4902-4908.	0.8	6
35	U environment in leached SON68 type glass: a coupled XPS and time-resolved photoluminescence spectroscopy study. Optical Materials, 2003, 24, 63-68.	1.7	14
36	Europium as a luminescent probe of an aluminoborosilicate nuclear glass and its weathering gels. Journal of Luminescence, 2001, 94-95, 197-201.	1.5	24