

Elena I Gorokhova

List of Publications by Year in descending order

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	ZnO " Yb ₂ O ₃ composite optical ceramics: Synthesis, structure and spectral-luminescent properties. Journal of the European Ceramic Society, 2022, 42, 616-630.	5.7	5
2	Transparent materials based on semiconducting ZnO: glass-ceramics and optical ceramics doped with rare-earth and transition-metal ions. Journal of Non-Crystalline Solids, 2022, 588, 121625.	3.1	10
3	Ultraviolet Luminescence of ZnO Whiskers, Nanowalls, Multipods, and Ceramics as Potential Materials for Fast Scintillators. Materials, 2021, 14, 2001.	2.9	12
4	Effect of point defects on luminescence characteristics of ZnO ceramics. Physics of the Solid State, 2016, 58, 2055-2061.	0.6	12
5	Development and study of ZnO:In optical scintillation ceramic. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2014, 39, 012028.	0.4	6
6	High temperature electrical conductivity in undoped ceramic ZnO. Crystal Research and Technology, 2015, 50, 10-14.	1.3	1
7	The effect of electron recombination processes on the luminescence kinetics of ZnO ceramics. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2015, 118, 425-430.	0.6	1
8	Structure, nanohardness and photoluminescence of ZnO ceramics based on nanopowders. Physica Scripta, 2015, 90, 094018.	2.5	2
9	High temperature electrical conductivity in hydrothermally grown ZnO. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1481-1484.	0.8	0
10	Synthesis of ZnO:Ga nanosized powders by the combustion method. Russian Journal of Applied Chemistry, 2013, 86, 278-281.	0.5	2
11	The effect of annealing on spectra and decay time of X-ray luminescence of zinc oxide powders. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012028.	0.6	1
12	Scintillation optical ceramics based on Gd ₂ O ₃ doped with Pr, Tb, or Eu. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2012, 79, 41.	0.4	7
13	Novel Scintillation Material "ZnO Transparent Ceramics. IEEE Transactions on Nuclear Science, 2012, 59, 2152-2155.	2.0	32
14	Scintillating Ceramics Based on Zinc Oxide. IOP Conference Series: Materials Science and Engineering, 2012, 38, 012002.	0.6	10
15	Structural, optical, and scintillation characteristics of ZnO ceramics. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2011, 78, 753.	0.4	22
16	Integral, absolute, and relative light yield of ZnO-based ceramics. Technical Physics Letters, 2010, 36, 714-716.	0.7	4
17	High temperature defect equilibrium in ZnS:Cu single crystals. Physica Status Solidi (B): Basic Research, 2010, 247, 1662-1665.	1.5	0
18	High temperature antistructure disorder in undoped ZnS. Physica B: Condensed Matter, 2009, 404, 5006-5008.	2.7	4

#	ARTICLE	IF	CITATIONS
19	Emission and excitation spectra of ZnO:Ga and ZnO:Ga,N ceramics. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314,rgBT /Overl	0.6	7
20	Oxysulfide optical ceramics doped by Nd ³⁺ for one micron lasing. Journal of Luminescence, 2007, 125, 201-215.	3.1	25
21	High temperature electrical conductivity in ZnSe:In and in CdSe:In under selenium vapor pressure. Physica Status Solidi (B): Basic Research, 2007, 244, 1623-1626.	1.5	4
22	Scintillation properties of ceramics based on zinc oxide. Radiation Measurements, 2007, 42, 549-552.	1.4	48
23	Spectrokinetic characteristics of Gd ₂ O ₃ :Pr, Ce ceramics. Journal of Optical Technology (A) Tj ETQq1 1 0.784314,rgBT /Overlock 107	0.4	6
24	Luminescence and scintillation properties of Gd ₂ O ₃ :Tb,Ce ceramics. IEEE Transactions on Nuclear Science, 2005, 52, 3129-3132.	2.0	24
25	Spectrokinetic characteristics of the emission of Gd ₂ O ₃ :Tb(Ce) ceramics. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2005, 72, 53.	0.4	10
26	Luminescence properties of ceramics based on terbium-doped gadolinium oxysulfide. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2003, 70, 693.	0.4	23
27	Solid-phase recrystallization of ZnS ceramics in phase transition region. Journal of Crystal Growth, 2000, 214-215, 894-898.	1.5	5