

# Edgars Elsts

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

198  
citations

1040056

9  
h-index

1058476

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Afterglow, TL and OSL properties of Mn <sup>2+</sup> -doped ZnGa <sub>2</sub> O <sub>4</sub> phosphor. Scientific Reports, 2019, 9, 9544.	3.3	43
2	Time-resolved luminescence of YAG:Ce and YAGG:Ce ceramics prepared by electron beam assisted synthesis. Nuclear Instruments & Methods in Physics Research B, 2020, 479, 222-228.	1.4	23
3	Optical absorption and Raman studies of neutron-irradiated Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> single crystals. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 306-312.	1.4	21
4	Rare earth doped glass-ceramics containing NaLaF <sub>4</sub> nanocrystals. Optical Materials, 2016, 59, 130-135.	3.6	15
5	Spectroscopic studies of Cr <sup>3+</sup> ions in natural single crystal of magnesium aluminate spinel MgAl <sub>2</sub> O <sub>4</sub> . Optical Materials, 2021, 121, 111496.	3.6	14
6	Cladding-Pumped Erbium/Ytterbium Co-Doped Fiber Amplifier for C-Band Operation in Optical Networks. Applied Sciences (Switzerland), 2021, 11, 1702.	2.5	12
7	Tl-related radiation defects in CsI:Tl. Radiation Measurements, 2004, 38, 389-392.	1.4	10
8	Rare Earth Activated Oxyfluoride Glasses and Glass-Ceramics for Scintillation Applications. IEEE Transactions on Nuclear Science, 2012, 59, 2201-2206.	2.0	10
9	Studies of radiation defects in cerium, europium and terbium activated oxyfluoride glasses and glass ceramics. Optical Materials, 2015, 41, 90-93.	3.6	10
10	Low-temperature studies of Cr <sup>3+</sup> ions in natural and neutron-irradiated g-Al spinel. Low Temperature Physics, 2020, 46, 1154-1159.	0.6	9
11	Cathodoluminescence of oxyfluoride glass-ceramics. Radiation Measurements, 2013, 56, 120-123.	1.4	7
12	EPR hyperfine structure of F-type centres in pure LiBaF <sub>3</sub> crystal. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1284-1287.	0.8	6
13	EPR and optical spectroscopy of neutron-irradiated Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> single crystals. Nuclear Instruments & Methods in Physics Research B, 2020, 480, 22-26.	1.4	6
14	Thermal annealing of radiation defects in MgF <sub>2</sub> single crystals induced by neutrons at low temperatures. Nuclear Instruments & Methods in Physics Research B, 2020, 480, 16-21.	1.4	5
15	Recent Developments in Cladding-Pumped Doped Fiber Amplifiers for Telecommunications Systems. , 2020, , .		4
16	EPR hyperfine structure of the Mo-related defect in CdWO <sub>4</sub> . Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 69-72.	0.8	2
17	Cathodoluminescence of Terbium- and Ytterbium-Activated Oxyfluoride Glasses and Glass Ceramics. Latvian Journal of Physics and Technical Sciences, 2010, 47, .	0.6	1
18	Photoluminescence of Eu and Ce Activated Oxyfluoride Glass And Glass Ceramics/ Eu Un Ce Jonu Luminescence Oksifluorīdu Stiklos Un Stikla Keramikā. Latvian Journal of Physics and Technical Sciences, 2012, 49, 44-48.	0.6	0