

# Andris Antuzevics

## List of Publications by Year in descending order

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38  
papers

388  
citations

840776

11  
h-index

839539

18  
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38  
all docs

38  
docs citations

38  
times ranked

409  
citing authors

#	ARTICLE	IF	CITATIONS
1	The origin of bright cyan persistent luminescence in Ca <sub>2</sub> SnO <sub>4</sub> :La <sup>3+</sup> . <i>Materialia</i> , 2022, 21, 101374.	2.7	7
2	Thermal properties of paramagnetic radiation-induced defects in lithium orthosilicate containing breeder material. <i>Journal of Nuclear Materials</i> , 2022, 565, 153713.	2.7	2
3	Photoluminescence and electron paramagnetic resonance studies of Mn <sup>2+</sup> -doped CaAl <sub>4</sub> O <sub>7</sub> . <i>Optical Materials</i> , 2022, 127, 112352.	3.6	4
4	Synthesis, structural and luminescent properties of Mn-doped calcium pyrophosphate (Ca <sub>2</sub> P <sub>2</sub> O <sub>7</sub> ) polymorphs. <i>Scientific Reports</i> , 2022, 12, 7116.	3.3	11
5	Low-temperature recombination luminescence of La-doped Ca <sub>2</sub> SnO <sub>4</sub> . <i>Optical Materials</i> , 2022, 129, 112545.	3.6	2
6	Novel broadband near-infrared emitting long afterglow phosphor MgGeO <sub>3</sub> : Cr <sup>3+</sup> . <i>Journal of Alloys and Compounds</i> , 2022, 918, 165768.	5.5	15
7	Tunable persistent luminescence of novel Mg <sub>3</sub> Y <sub>2</sub> Ge <sub>3</sub> O <sub>12</sub> garnet. <i>Journal of Alloys and Compounds</i> , 2022, 922, 166312.	5.5	5
8	Synthesis and luminescent properties of Mn-doped alpha-tricalcium phosphate. <i>Ceramics International</i> , 2021, 47, 5335-5340.	4.8	18
9	Investigation of lanthanum substitution effects in yttrium aluminium garnet: importance of solid state NMR and EPR methods. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 479-487.	2.4	7
10	Enhancement of persistent luminescence in Ca <sub>2</sub> SnO <sub>4</sub> : Sm <sup>3+</sup> . <i>Optical Materials</i> , 2021, 113, 110842.	3.6	10
11	Changes in Surface Free Energy and Surface Conductivity of Carbon Nanotube/Polyimide Nanocomposite Films Induced by UV Irradiation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24218-24227.	8.0	7
12	UV and X-ray excited red persistent luminescence in Mn <sup>2+</sup> doped MgGeO <sub>3</sub> material synthesized in air and reducing atmosphere. <i>Journal of Luminescence</i> , 2021, 234, 117995.	3.1	14
13	Oxidation State and Local Structure of Chromium Ions in LaOCl. <i>Materials</i> , 2021, 14, 3539.	2.9	1
14	Radiation-Induced Stable Radicals in Calcium Phosphates: Results of Multifrequency EPR, EDNMR, ESEEM, and ENDOR Studies. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7727.	2.5	14
15	Defect formation in photochromic Ca <sub>2</sub> SnO <sub>4</sub> : Al <sup>3+</sup> . <i>Materials Today Communications</i> , 2021, 28, 102592.	1.9	1
16	Spectroscopic studies of Cr <sup>3+</sup> ions in natural single crystal of magnesium aluminate spinel MgAl <sub>2</sub> O <sub>4</sub> . <i>Optical Materials</i> , 2021, 121, 111496.	3.6	14
17	The influence of Fe <sup>3+</sup> doping on thermally induced crystallization and phase evolution of amorphous calcium phosphate. <i>CrystEngComm</i> , 2021, 23, 4627-4637.	2.6	11
18	EPR and optical spectroscopy of neutron-irradiated Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> single crystals. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2020, 480, 22-26.	1.4	6

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19	Recombination luminescence of X-ray induced paramagnetic defects in BaY <sub>2</sub> F <sub>8</sub> . Journal of Luminescence, 2020, 223, 117216.	3.1	1
20	Fe and Zn co-substituted beta-tricalcium phosphate ( $\beta$ -TCP): Synthesis, structural, magnetic, mechanical and biological properties. Materials Science and Engineering C, 2020, 112, 110918.	7.3	22
21	EPR characterization of erbium in glasses and glass ceramics. Low Temperature Physics, 2020, 46, 1149-1153.	0.6	9
22	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
23	X-Ray Diffraction and Multifrequency EPR Study of Radiation-Induced Room Temperature Stable Radicals in Octacalcium Phosphate. Radiation Research, 2020, 195, 200-210.	1.5	4
24	Eu <sup>3+</sup> ion distribution in oxyfluoride glass nanocomposites. Journal of Non-Crystalline Solids, 2019, 522, 119548.	3.1	2
25	EPR in glass ceramics. Experimental Methods in the Physical Sciences, 2019, , 161-190.	0.1	2
26	Upconversion luminescence in transparent oxyfluoride glass ceramics containing hexagonal NaErF <sub>4</sub> . Journal of Alloys and Compounds, 2019, 798, 326-332.	5.5	4
27	Black carbon-doped TiO <sub>2</sub> films: Synthesis, characterization and photocatalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111941.	3.9	74
28	Effect of Mn doping on the low-temperature synthesis of tricalcium phosphate (TCP) polymorphs. Journal of the European Ceramic Society, 2019, 39, 3257-3263.	5.7	30
29	Photoluminescence and Electron Spin Resonance of Silicon Dioxide Crystal with Rutile Structure (Stishovite). Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800457.	1.8	1
30	Multisite formation in gadolinium doped SrF <sub>2</sub> nanoparticles. Journal of Alloys and Compounds, 2018, 762, 500-507.	5.5	4
31	Crystalline phase detection in glass ceramics by EPR spectroscopy. Low Temperature Physics, 2018, 44, 341-345.	0.6	13
32	Optical Detection of Paramagnetic Centres in Activated Oxyfluoride Glass-Ceramics. Acta Physica Polonica A, 2018, 133, 785-788.	0.5	4
33	Luminescence of phosphorus doped silica glass. Journal of Non-Crystalline Solids, 2017, 462, 10-16.	3.1	9
34	Electron paramagnetic resonance and photoluminescence investigation of europium local structure in oxyfluoride glass ceramics containing SrF <sub>2</sub> nanocrystals. Optical Materials, 2017, 72, 749-755.	3.6	21
35	Local structure of gadolinium in oxyfluoride glass matrices containing SrF <sub>2</sub> and BaF <sub>2</sub> crystallites. Journal of Non-Crystalline Solids, 2016, 449, 29-33.	3.1	9
36	EPR Study of Gd <sup>3+</sup> local structure in ScF <sub>3</sub> crystal with negative thermal expansion coefficient. Physica Scripta, 2015, 90, 115801.	2.5	7

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37	Electron paramagnetic resonance and magnetic circular dichroism of Gd <sup>3+</sup> ions in oxyfluoride glass-ceramics containing CaF <sub>2</sub> nanocrystals. Journal of Non-Crystalline Solids, 2015, 429, 118-121.	3.1	13
38	Epr Spectrum Angular Dependences In Liyf4 Crystal / Epr Spektru LeĀĀ-iskĀs AtkarĀ«bas Liyf4 KristĀĀ. Latvian Journal of Physics and Technical Sciences, 2012, 49, 49-54.	0.6	1