Andris Antuzevics

List of Publications by Year
in descending order

38	388	840776 11	839539 18
papers	citations	h-index	g-index

38	38	38	409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Black carbon-doped TiO2 films: Synthesis, characterization and photocatalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111941.	3.9	74
2	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
3	Fe and Zn co-substituted beta-tricalcium phosphate (Î²-TCP): Synthesis, structural, magnetic, mechanical and biological properties. Materials Science and Engineering C, 2020, 112, 110918.	7.3	22
4	Electron paramagnetic resonance and photoluminescence investigation of europium local structure in oxyfluoride glass ceramics containing SrF2 nanocrystals. Optical Materials, 2017, 72, 749-755.	3.6	21
5	Synthesis and luminescent properties of Mn-doped alpha-tricalcium phosphate. Ceramics International, 2021, 47, 5335-5340.	4.8	18
6	Novel broadband near-infrared emitting long afterglow phosphor MgGeO3: Cr3+. Journal of Alloys and Compounds, 2022, 918, 165768.	5.5	15
7	UV and X-ray excited red persistent luminescence in Mn2+ doped MgGeO3 material synthesized in air and reducing atmosphere. Journal of Luminescence, 2021, 234, 117995.	3.1	14
8	Radiation-Induced Stable Radicals in Calcium Phosphates: Results of Multifrequency EPR, EDNMR, ESEEM, and ENDOR Studies. Applied Sciences (Switzerland), 2021, 11, 7727.	2.5	14
9	Spectroscopic studies of Cr3+ ions in natural single crystal of magnesium aluminate spinel MgAl2O4. Optical Materials, 2021, 121, 111496.	3.6	14
10	Electron paramagnetic resonance and magnetic circular dichroism of Gd3+ ions in oxyfluoride glassâ€“ceramics containing CaF2 nanocrystals. Journal of Non-Crystalline Solids, 2015, 429, 118-121.	3.1	13
11	Crystalline phase detection in glass ceramics by EPR spectroscopy. Low Temperature Physics, 2018, 44, 341-345.	0.6	13
12	The influence of Fe³⁺ doping on thermally induced crystallization and phase evolution of amorphous calcium phosphate. CrystEngComm, 2021, 23, 4627-4637.	2.6	11
13	Synthesis, structural and luminescent properties of Mn-doped calcium pyrophosphate (Ca2P2O7) polymorphs. Scientific Reports, 2022, 12, 7116.	3.3	11
14	Enhancement of persistent luminescence in Ca2SnO4: Sm3+. Optical Materials, 2021, 113, 110842.	3.6	10
15	Local structure of gadolinium in oxyfluoride glass matrices containing SrF2 and BaF2 crystallites. Journal of Non-Crystalline Solids, 2016, 449, 29-33.	3.1	9
16	Luminescence of phosphorus doped silica glass. Journal of Non-Crystalline Solids, 2017, 462, 10-16.	3.1	9
17	EPR characterization of erbium in glasses and glass ceramics. Low Temperature Physics, 2020, 46, 1149-1153.	0.6	9
18	Low-temperature studies of Cr3+ ions in natural and neutron-irradiated g-Al spinel. Low Temperature Physics, 2020, 46, 1154-1159.	0.6	9

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19	EPR Study of Gd³⁺local structure in ScF₃crystal with negative thermal expansion coefficient. Physica Scripta, 2015, 90, 115801.	2.5	7
20	Investigation of lanthanum substitution effects in yttrium aluminium garnet: importance of solid state NMR and EPR methods. Journal of Sol-Gel Science and Technology, 2021, 97, 479-487.	2.4	7
21	Changes in Surface Free Energy and Surface Conductivity of Carbon Nanotube/Polyimide Nanocomposite Films Induced by UV Irradiation. ACS Applied Materials & Interfaces, 2021, 13, 24218-24227.	8.0	7
22	The origin of bright cyan persistent luminescence in Ca2SnO4:La3+. Materialia, 2022, 21, 101374.	2.7	7
23	EPR and optical spectroscopy of neutron-irradiated Gd3Ga5O12 single crystals. Nuclear Instruments & Methods in Physics Research B, 2020, 480, 22-26.	1.4	6
24	Tuneable persistent luminescence of novel Mg3Y2Ge3O12 garnet. Journal of Alloys and Compounds, 2022, 922, 166312.	5.5	5
25	Multisite formation in gadolinium doped SrF2 nanoparticles. Journal of Alloys and Compounds, 2018, 762, 500-507.	5.5	4
26	Upconversion luminescence in transparent oxyfluoride glass ceramics containing hexagonal NaErF4. Journal of Alloys and Compounds, 2019, 798, 326-332.	5.5	4
27	Optical Detection of Paramagnetic Centres in Activated Oxyfluoride Glass-Ceramics. Acta Physica Polonica A, 2018, 133, 785-788.	0.5	4
28	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
29	Photoluminescence and electron paramagnetic resonance studies of Mn2+doped CaAl4O7. Optical Materials, 2022, 127, 112352.	3.6	4
30	Eu3+ ion distribution in oxyfluoride glass nanocomposites. Journal of Non-Crystalline Solids, 2019, 522, 119548.	3.1	2
31	EPR in glass ceramics. Experimental Methods in the Physical Sciences, 2019, , 161-190.	0.1	2
32	Thermal properties of paramagnetic radiation-induced defects in lithium orthosilicate containing breeder material. Journal of Nuclear Materials, 2022, 565, 153713.	2.7	2
33	Low-temperature recombination luminescence of La-doped Ca2SnO4. Optical Materials, 2022, 129, 112545.	3.6	2
34	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
35	Recombination luminescence of X-ray induced paramagnetic defects in BaY2F8. Journal of Luminescence, 2020, 223, 117216.	3.1	1
36	Oxidation State and Local Structure of Chromium Ions in LaOCl. Materials, 2021, 14, 3539.	2.9	1

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37	Defect formation in photochromic Ca2SnO4: Al3+. Materials Today Communications, 2021, 28, 102592.	1.9	1
38	Epr Spectrum Angular Dependences In Liyf4 Crystal / Epr Spektru LeÅ†Ä·iskÄs AtkarÄ«bas Liyf4 KristÄlÄ. Latvian Journal of Physics and Technical Sciences, 2012, 49, 49-54.	0.6	1