

Anna Kilian

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermoluminescent Properties of Cerium-Doped Lu ₂ SO ₅ and Y ₂ SiO ₅ Single Crystalline Films Scintillators Grown from PbO-B ₂ O ₃ and Bi ₂ O ₃ Fluxes. Crystals, 2018, 8, 120.	2.2	5
2	Photoluminescence and Thermoluminescence of the Oxygen-Deficient YAG, YAP, and YAM Phosphors. Acta Physica Polonica A, 2018, 133, 977-980.	0.5	11
3	Luminescent properties of Tm ³⁺ xLu ³⁺ Al ₅ O ₁₂ :Ce single crystalline films. Optical Materials, 2017, 69, 444-448.	3.6	2
4	Thermoluminescence kinetics of undoped and doped (Ti, Cu, Ce) lithium aluminate crystals. Radiation Measurements, 2017, 106, 107-112.	1.4	7
5	Scintillating screens based on the LPE grown Tb ₃ Al ₅ O ₁₂ :Ce single crystalline films. Optical Materials, 2017, 65, 73-81.	3.6	27
6	LPE Growth of Single Crystalline Film Scintillators Based on Ce ³⁺ Doped Tb ₃ Al ₅ O ₁₂ :Ce Mixed Garnets. Crystals, 2017, 7, 262.	2.2	13
7	DOSIS & DOSIS 3D: long-term dose monitoring onboard the Columbus Laboratory of the International Space Station (ISS). Journal of Space Weather and Space Climate, 2016, 6, A39.	3.3	49
8	Composition engineering of single crystalline films based on the multicomponent garnet compounds. Optical Materials, 2016, 61, 3-10.	3.6	12
9	Luminescent and scintillation properties of the Pr ³⁺ doped single crystalline films of Lu ₃ Al ₅ O ₁₂ :Ce garnet. Radiation Measurements, 2016, 90, 183-187.	1.4	3
10	Aluminum and Gallium Substitution in Yttrium and Lutetium Aluminum-Gallium Garnets: Investigation by Single-Crystal NMR and TSL Methods. Journal of Physical Chemistry C, 2016, 120, 24400-24408.	3.1	51
11	Luminescent and scintillation properties of Sc ³⁺ and La ³⁺ doped Y ₂ SiO ₅ powders and single crystalline films. Journal of Luminescence, 2016, 179, 445-450.	3.1	6
12	Epitaxial Growth of LuAG:Ce and LuAG:Ce,Pr Films and Their Scintillation Properties. IEEE Transactions on Nuclear Science, 2016, 63, 1726-1732.	2.0	18
13	Luminescent and scintillation properties of YAG:Dy and YAG:Dy,Ce single crystalline films. Radiation Measurements, 2016, 90, 308-313.	1.4	5
14	Growth and luminescent properties of scintillators based on the single crystalline films of (Lu,Gd) ₃ (Al,Ga) ₅ O ₁₂ :Ce garnets. Journal of Luminescence, 2016, 169, 828-837.	3.1	25
15	Scintillating Screens Based on the Single Crystalline Films of Multicomponent Garnets: New Achievements and Possibilities. IEEE Transactions on Nuclear Science, 2016, 63, 497-502.	2.0	10
16	High-performance Ce-doped multicomponent garnet single crystalline film scintillators. Physica Status Solidi - Rapid Research Letters, 2015, 9, 489-493.	2.4	41
17	Growth and luminescent properties of scintillators based on the single crystalline films of Lu ₃ Al ₅ O ₁₂ :Ce garnet. Materials Research Bulletin, 2015, 64, 355-363.	5.2	30
18	OSL signal of lithium fluoride and its relationship with TL glow-curves. Radiation Measurements, 2014, 71, 61-64.	1.4	25

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19	Analysis of TL and OSL kinetics of lithium aluminate. Radiation Measurements, 2014, 71, 143-147.	1.4	24
20	Luminescent and scintillation properties of YAG:Tm and YAG:Ce,Tm single crystalline films. Optical Materials, 2014, 36, 1685-1687.	3.6	4
21	Thermoluminescent Properties of Undoped and Ce-Doped Lutetium Orthosilicate and Yttrium Orthosilicate Single Crystals and Single Crystalline Films Scintillators. IEEE Transactions on Nuclear Science, 2014, 61, 276-281.	2.0	6
22	Comparative analysis of the scintillation and thermoluminescent properties of Ce-doped LSO and YSO crystals and films. Optical Materials, 2014, 36, 1715-1719.	3.6	9
23	Properties of lithium aluminate for application as an OSL dosimeter. Radiation Physics and Chemistry, 2014, 104, 76-79.	2.8	24
24	OSL dosimetric properties of cerium doped lutetium orthosilicates. Radiation Measurements, 2014, 71, 139-142.	1.4	14
25	Thermoluminescence fading studies: Implications for long-duration space measurements in Low Earth Orbit. Radiation Measurements, 2013, 56, 303-306.	1.4	11
26	Comparative study of TL and OSL properties of LSO and LSO:Ce single crystals and single crystalline films. Radiation Measurements, 2013, 56, 196-199.	1.4	9
27	Luminescent properties of YAlO ₃ :Mn single crystalline films. Optical Materials, 2012, 34, 1979-1983.	3.6	8
28	Peculiarities of luminescent and scintillation properties of YAG:Ce phosphor prepared in different crystalline forms. Optical Materials, 2012, 34, 1314-1319.	3.6	35