

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Time-resolved spectroscopy of CsI(CO3) scintillator. Journal of Luminescence, 2016, 173, 34-37.	3.1	2
2	Scintillation Characteristics of Lithium Fluoride Crystals Doped with Tungsten Oxide. Russian Physics Journal, 2015, 58, 389-393.	0.4	1
3	Spectral and kinetic characteristics of the luminescence center in LiF-WO ₃ and ZnWO ₄ crystals. IOP Conference Series: Materials Science and Engineering, 2015, 81, 012024.	0.6	4
4	Electron thermalization and trapping rates in pure and doped alkali and alkaline-earth iodide crystals studied by picosecond optical absorption. Physical Review B, 2014, 89, .	3.2	34
5	Energy transfer mechanism in CsI:Eu crystal. Journal of Luminescence, 2014, 148, 274-276.	3.1	4
6	Radiation-Induced Processes in Oxygen-Containing LiF Crystals with Nanodimensional Impurity Complexes. Russian Physics Journal, 2014, 57, 237-244.	0.4	1
7	Charge transfer processes in CsI:Tl using near-UV light. Journal of Luminescence, 2014, 155, 79-83.	3.1	7
8	Spectral-kinetics properties of activator emission centers in CsI:Eu. Journal of Luminescence, 2013, 144, 146-148.	3.1	2
9	Nonlinear quenching of densely excited states in wide-gap solids. Physical Review B, 2013, 87, .	3.2	48
10	Luminescence response of CsI:Na to electron pulse irradiation. Radiation Measurements, 2013, 51-52, 13-17.	1.4	2
11	Radiation transformation of the oxygen-containing impurity in LiF crystals doped with different polyvalent cations. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 263-267.	0.8	18
12	Luminescence of Eu ²⁺ f ⁷ dipoles and their associates in CsI:Eu crystals. Journal of Luminescence, 2012, 132, 2476-2478.	3.1	6
13	Synthesis and properties of nanocrystalline CsI. Inorganic Materials, 2011, 47, 1033-1038.	0.8	3
14	Short-living absorption and emission of CsI(Na). Journal of Luminescence, 2011, 131, 2579-2581.	3.1	12
15	Recombination luminescence of CsI(Tl) under electron pulse irradiation. Radiation Measurements, 2010, 45, 328-330.	1.4	7
16	Picosecond Studies of Transient Absorption Induced by BandGap Excitation of CsI and CsI:Tl at Room Temperature. IEEE Transactions on Nuclear Science, 2010, 57, 1187-1192.	2.0	26
17	Preparation and scintillation properties of YCl ₃ :Ce crystals. Inorganic Materials, 2009, 45, 946-948.	0.8	4
18	Time-resolved optical spectroscopy of CsI(Tl) crystals by pulsed electron beam irradiation. Journal of Luminescence, 2009, 129, 790-796.	3.1	27

#	ARTICLE	IF	CITATIONS
19	Resonant interaction of defects in irradiated CsI(Tl) crystals. <i>Optical Materials</i> , 2008, 30, 711-713.	3.6	2
20	Color centers in heavily irradiated CsI(Tl) crystals. <i>Journal of Luminescence</i> , 2008, 128, 1447-1453.	3.1	11
21	Photo- and Radiation-Stimulated Processes in CsI(Tl) Crystals. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 1263-1269.	2.0	9
22	The inertia properties of scintillation crystals. <i>Radiation Measurements</i> , 2007, 42, 572-575.	1.4	3
23	The reasons the scintillation efficiency decrease of CsI(Tl) crystals exposed by the high-dosed radiation. <i>Radiation Measurements</i> , 2007, 42, 839-842.	1.4	8
24	Factors which define the $\hat{I}\pm/\hat{I}^3$ ratio in CsI:Tl crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 537, 105-112.	1.6	22
25	Transformation of defects arising in CsI(Tl) crystals under daylight. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 101-104.	0.8	3
26	Radiation defects creation in CsI(Tl) crystals and their luminescence properties. <i>Journal of Luminescence</i> , 2003, 102-103, 543-550.	3.1	18
27	Functional possibilities of organosilicon coatings on the surface of CsI-based scintillators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 486, 40-47.	1.6	8
28	Concentration dependence of the light yield and energy resolution of NaI:Tl and CsI:Tl crystals excited by gamma, soft X-rays and alpha particles. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 486, 474-481.	1.6	27
29	Role of sodium in radiation defect formation in CsI crystals. <i>Radiation Measurements</i> , 2001, 33, 687-692.	1.4	20
30	Scintillation and mechanical properties of CsI(Tl,Br) crystals pulled from melt. <i>Journal of Crystal Growth</i> , 2001, 222, 751-754.	1.5	6
31	Photo- and Radiation-Chemical Transformations of Carbonate Ions in CsI and CsI(Tl) Crystals. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2000, 89, 50.	0.6	2
32	New scintillation material—CsI(CO ₃). <i>Nuclear Tracks and Radiation Measurements</i> (1993), 1993, 21, 109-110.	0.1	3