

# George Belev

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

299  
citations

1307594

7  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphous selenium and its alloys from early xeroradiography to high resolution X-ray image detectors and ultrasensitive imaging tubes. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 1794-1805.	1.5	135
2	Dark current in multilayer stabilized amorphous selenium based photoconductive x-ray detectors. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	44
3	Samarium-Doped Fluorochlorozirconate Glass-Ceramics as Red-Emitting X-Ray Phosphors. <i>Journal of the American Ceramic Society</i> , 2011, 94, 543-550.	3.8	36
4	Optical properties vacuum deposited and chlorine doped a-Se thin films: aging effects. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 429-433.	2.2	25
5	Relaxation of the electrical properties of vacuum-deposited a-Se $_{1-x}$ As $_x$ photoconductive films: Charge-carrier lifetimes and drift mobilities. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2010, 28, 1145-1156.	2.1	16
6	Dark current-voltage characteristics of vacuum deposited multilayer amorphous selenium-alloy detectors and the effect of x-ray irradiation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	2.1	14
7	X-ray induced effects in the optical and thermal properties of a-Se $_{1-x}$ As $_x$ ( $x=0, 0.005, 0.06$ ) doped with $^{220}\text{Rn}$ Cs. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 7139-7150.	2.2	8
8	Thickness dependence of electron transport in pure a-Se photoconductive films. <i>Canadian Journal of Physics</i> , 2014, 92, 629-633.	1.1	7
9	Electronic and thermal properties of magnesium-doped a-Se films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, S98-S101.	0.8	4
10	Development and assessment of a multi-beam continuous-phantom-motion x-ray scatter projection imaging system. <i>Review of Scientific Instruments</i> , 2019, 90, 035104.	1.3	4
11	Low-frequency noise in a-Se based x-ray photoconductors. , 2011, , .		3
12	The formation of a one-dimensional van der Waals selenium crystal from the three-dimensional amorphous phase: A spectroscopic signature of van der Waals bonding. <i>Applied Physics Letters</i> , 2022, 120, 033103.	3.3	2
13	Accelerated x-ray scatter projection imaging using multiple continuously moving pencil beams. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
14	Trivalent Er and Sm ions in fluorochlorozirconate glasses: optical properties and X-ray luminescence. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2657-2660.	0.8	0
15	Correction: Thickness dependence of electron transport in pure a-Se photoconductive films. <i>Canadian Journal of Physics</i> , 0, , 1-1.	1.1	0