

George Belev

List of Publications by Year in descending order

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15
papers

299
citations

1307594

7
h-index

1199594

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16
all docs

16
docs citations

16
times ranked

272
citing authors

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