

# Yuriy Gnatenko

## List of Publications by Year in descending order

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25  
papers

260  
citations

933447

10  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of structural and optical properties of CdTe:Yb thin films. Physica B: Condensed Matter, 2022, 627, 413529.	2.7	2
2	Photoluminescence of CdTe thin films doped with Yb. Journal of Luminescence, 2021, 237, 118208.	3.1	2
3	Photoluminescence and photoelectric properties of CdTe crystals doped with Mo. Physica B: Condensed Matter, 2020, 576, 411737.	2.7	2
4	Study of magnetic polaron effect in Cd <sub>1-x</sub> Dy <sub>x</sub> Te diluted magnetic semiconductors. Physica B: Condensed Matter, 2020, 593, 412295.	2.7	1
5	Formation of PbMn <sub>2</sub> alloys: Structural, photoluminescence and nuclear quadrupole resonance studies. Journal of Alloys and Compounds, 2020, 824, 153985.	5.5	2
6	Photoluminescence of high optical quality CdS:Dy thin films deposited by close-spaced vacuum sublimation. Journal of Luminescence, 2018, 197, 343-348.	3.1	12
7	Photoluminescence lifetime studies of PbI <sub>2</sub> nanoclusters and microcrystallites in Pb <sub>0.30</sub> Cd <sub>0.70</sub> I <sub>2</sub> alloys. Journal of Physics and Chemistry of Solids, 2018, 120, 147-153.	4.0	3
8	Nature of Radiative Recombination Processes in Layered Heterogeneous PbCd <sub>2</sub> Thick Films: Promising Scintillator Materials. Advances in Condensed Matter Physics, 2018, 2018, 1-9.	1.1	0
9	Temperature dependence of the band gap of high optical quality CdS:Dy thin films based on exciton spectra. Materials Research Express, 2018, 5, 125902.	1.6	10
10	Effect of Dy-doping on photoluminescence properties of CdTe crystals and their defect structure. Physica B: Condensed Matter, 2018, 546, 89-92.	2.7	8
11	Nature of radiative recombination processes in layered semiconductor PbCd <sub>2</sub> nanostructural scintillation material. Journal of Luminescence, 2017, 185, 83-91.	3.1	10
12	Photoluminescence and X-ray luminescence of Pb <sub>0.30</sub> Cd <sub>0.70</sub> I <sub>2</sub> solid solutions. Comparative study. Materials Science in Semiconductor Processing, 2017, 67, 28-32.	4.0	6
13	Study of the photoluminescence kinetics of heterogeneous nanostructured Pb <sub>0.30</sub> Cd <sub>0.70</sub> I <sub>2</sub> solid solutions. Materials Chemistry and Physics, 2017, 199, 577-584.	4.0	3
14	Photoluminescence of CdZnTe thick films obtained by close-spaced vacuum sublimation. Journal of Luminescence, 2016, 171, 176-182.	3.1	25
15	Morphological, structural, compositional properties and IR-spectroscopy of CdSe films deposited by close-spaced vacuum sublimation. Vacuum, 2015, 119, 81-87.	3.5	12
16	Photoluminescence and photoelectric properties of CdTe crystals doped with Er atoms. Journal of Luminescence, 2015, 160, 258-261.	3.1	20
17	Influence Of Proton Exchange On NMR Relaxation Mechanism Of <sup>7</sup> Li. Ukrainian Journal of Physics, 2015, 60, 401-405.	0.2	0
18	Photoluminescence of high optical quality CdSe thin films deposited by close-spaced vacuum sublimation. Journal of Luminescence, 2014, 146, 174-177.	3.1	38

#	ARTICLE	IF	CITATIONS
19	Study of the correlation between structural and photoluminescence properties of CdSe thin films deposited by close-spaced vacuum sublimation. <i>Materials Science in Semiconductor Processing</i> , 2014, 26, 663-668.	4.0	13
20	Low-temperature photoluminescence of IIâ€“VI films obtained by close-spaced vacuum sublimation. <i>Journal of Luminescence</i> , 2012, 132, 2885-2888.	3.1	21
21	Study of the structural and photoluminescence properties of CdTe polycrystalline films deposited by close-spaced vacuum sublimation. <i>Journal of Crystal Growth</i> , 2010, 312, 1726-1730.	1.5	56
22	Donor properties of Sc impurity in CdTe and ZnTe crystals. <i>Solid State Communications</i> , 1995, 93, 465-466.	1.9	1
23	IR-spectroscopy of crystals containing Jahn-Teller impurity centers. <i>Infrared Physics</i> , 1989, 29, 753-764.	0.5	2
24	Jahn-Teller effect for the 3A <sub>2</sub> -term. <i>Infrared Physics</i> , 1985, 25, 385-392.	0.5	3
25	Band structure of hexagonal CdTe. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1969, 28, 522-523.	2.1	8