

Lenka Prouzov Prochzkov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

146
citations

6
h-index

12
g-index

16
ext. papers

179
ext. citations

2.8
avg, IF

2.21
L-index

#	Paper	IF	Citations
14	Core-shell ZnO:Ga-SiO nanocrystals: limiting particle agglomeration and increasing luminescence surface defect passivation.. <i>RSC Advances</i> , 2019 , 9, 28946-28952	3.7	6
13	Novel scintillating nanocomposite for X-ray induced photodynamic therapy. <i>Radiation Measurements</i> , 2019 , 121, 13-17	1.5	5
12	LuAG:Pr-porphyrin based nanohybrid system for singlet oxygen production: Toward the next generation of PDTX drugs. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 179, 149-155	6.7	10
11	YAG Ceramic Nanocrystals Implementation into MCVD Technology of Active Optical Fibers. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 833	2.6	9
10	Ultrafast Zn(Cd,Mg)O:Ga nanoscintillators with luminescence tunable by band gap modulation. <i>Optics Express</i> , 2018 , 26, 29482-29494	3.3	6
9	Sorption properties of selected oxidic nanoparticles for the treatment of spent decontamination solutions based on citric acid. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018 , 318, 2443-2448	1.5	0
8	Timing performance of ZnO:Ga nanopowder composite scintillators. <i>Physica Status Solidi - Rapid Research Letters</i> , 2016 , 10, 843-847	2.5	19
7	Gamma-radiolytic preparation of multi-component oxides. <i>Radiation Physics and Chemistry</i> , 2016 , 124, 68-74	2.5	3
6	Preparation of Zn(Cd)O:GaSiO ₂ composite scintillating materials. <i>Radiation Measurements</i> , 2016 , 90, 59-63	1.5	4
5	Preparation and luminescence properties of ZnO:Ga - polystyrene composite scintillator. <i>Optics Express</i> , 2016 , 24, 15289-98	3.3	46
4	Photo and radiation induced synthesis of (Ni, Zn)O or mixed NiO/ZnO oxides. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 304, 245-250	1.5	4
3	Fabrication of highly efficient ZnO nanoscintillators. <i>Optical Materials</i> , 2015 , 47, 67-71	3.3	27
2	UV radiation: a promising tool in the synthesis of multicomponent nano-oxides. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	6
1	Untangling the controversy on Ce ³⁺ luminescence in LaAlO ₃ crystals. <i>Materials Advances</i> ,	3.3	1