

# Jörg Zimmermann

## List of Publications by Year in descending order

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23  
papers

317  
citations

840776

11  
h-index

888059

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recyclable Phosphor Films: Three Water-Soluble Binder Systems Enabling the Recovery of Phosphor Powders in White LEDs. <i>Journal of Electronic Materials</i> , 2019, 48, 2294-2300.	2.2	7
2	Recyclable phosphor sheet based on polyvinyl alcohol for LED lighting using remote phosphor technology. <i>Materials Technology</i> , 2019, 34, 178-183.	3.0	3
3	Optical properties of single crystalline SrMoO <sub>3</sub> thin films. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	24
4	Photostimulated luminescence properties of neutron image plates. <i>Optical Materials</i> , 2016, 59, 83-86.	3.6	10
5	High-temperature scintillation of alumina under 32 MeV <sup>63</sup> Cu <sup>5+</sup> heavy-ion irradiation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 359, 161-166.	1.4	4
6	Eu <sup>2+</sup> -doped CsBr photostimulable X-ray storage phosphors: analysis of defect structure by high-frequency EPR. <i>Functional Materials Letters</i> , 2014, 07, 1350073.	1.2	11
7	Comparative study of the luminescence properties of macro- and nanocrystalline MgO using synchrotron radiation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 310, 23-26.	1.4	45
8	Influence of oxygen doping and hydration on photostimulated luminescence of CsBr and CsBr:Eu <sup>2+</sup> . <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	9
9	Photoluminescence and photostimulated luminescence of oxygen impurities in CsBr. <i>Journal of Applied Physics</i> , 2011, 109, 013507.	2.5	10
10	New synthesis of high-quality storage phosphors. <i>Radiation Measurements</i> , 2010, 45, 478-484.	1.4	10
11	Lanthanum-stabilized europium-doped cubic barium chloride: An efficient x-ray phosphor. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	10
12	Hafnium oxide thin films: Effect of growth parameters on oxygen and hafnium vacancies. <i>Journal of Vacuum Science &amp; Technology B</i> , 2009, 27, 325.	1.3	14
13	Sensitization of the photostimulable x-ray storage-phosphor CsBr:Eu <sup>2+</sup> following room-temperature hydration. <i>Journal of Applied Physics</i> , 2009, 105, 073511.	2.5	15
14	Synthesis and functionality of the storage phosphor BaFBr:Eu <sup>2+</sup> . <i>Journal of Applied Physics</i> , 2009, 105, 063505.	2.5	14
15	Influence of Li-codoping on the radiation hardness of CsBr:Eu <sup>2+</sup> . <i>Journal of Applied Physics</i> , 2007, 101, 113711.	2.5	11
16	The role of segregations and oxygen doping in the photostimulation mechanism of. <i>Radiation Measurements</i> , 2007, 42, 638-643.	1.4	18
17	Structures of CsEuBr <sub>3</sub> and its degradation product Cs <sub>2</sub> EuBr <sub>5</sub> ·10H <sub>2</sub> O. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 201-204.	1.8	6
18	CsEuBr <sub>3</sub> : Crystal structure and its role in the photostimulation of CsBr:Eu <sup>2+</sup> . <i>Journal of Applied Physics</i> , 2006, 100, 083506.	2.5	37

#	ARTICLE	IF	CITATIONS
19	Radiation hardness of CsBr:Eu <sup>2+</sup> . Journal of Luminescence, 2005, 114, 24-30.	3.1	28
20	Preparation and optimization of ceramic neutron image plates based on BaFBr:Eu <sup>2+</sup> and GdF <sub>3</sub> . Journal Physics D: Applied Physics, 2005, 38, 3501-3506.	2.8	2
21	Preparation-induced F-centre transformation in BaFBr:Eu <sup>2+</sup> . Journal Physics D: Applied Physics, 2004, 37, 2352-2357.	2.8	14
22	Recycling of Florescent Phosphor Powder Y <sub>2</sub> O <sub>3</sub> :Eu by Leaching Experiments. Solid State Phenomena, 0, 262, 596-600.	0.3	0
23	Efficient Process for Li-Ion Battery Recycling via Electrohydraulic Fragmentation. Materials Science Forum, 0, 959, 74-78.	0.3	13