

Franziska Steudel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6485462/publications.pdf>

Version: 2024-02-01

18
papers

257
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum efficiency and energy transfer processes in rare-earth doped borate glass for solid-state lighting. Journal of Luminescence, 2016, 170, 770-777.	3.1	54
2	Temperature-dependent luminescence and energy transfer properties of Tb ³⁺ and Eu ³⁺ doped barium borate glasses. Journal of Luminescence, 2017, 181, 31-35.	3.1	38
3	Tm/Tb/Eu triple-doped lithium aluminoborate glass for white light generation. Journal of Luminescence, 2017, 192, 71-76.	3.1	32
4	Concentration-dependent luminescence and energy transfer in Tb ³⁺ doped barium borate and fluorozirconate glasses. Journal of Luminescence, 2017, 187, 298-303.	3.1	26
5	Tb ³⁺ , Eu ³⁺ , and Dy ³⁺ doped lithium borate and lithium aluminoborate glass: Glass properties and photoluminescence quantum efficiency. Journal of Non-Crystalline Solids, 2018, 499, 380-386.	3.1	22
6	Effect of induced crystallization in rare-earth doped lithium borate glass. Radiation Measurements, 2016, 90, 274-278.	1.4	20
7	Luminescent borate glass for efficiency enhancement of CdTe solar cells. Journal of Luminescence, 2015, 164, 76-80.	3.1	14
8	Optical properties of down-shifting barium borate glass for CdTe solar cells. Optical Materials, 2015, 41, 143-145.	3.6	12
9	Characterization of Luminescent Materials with ¹⁵¹ Eu Mössbauer Spectroscopy. Materials, 2018, 11, 828.	2.9	9
10	Lanthanide-doped glasses as frequency-converter for high-power LED applications. Optical Materials, 2019, 88, 74-79.	3.6	9
11	Fluorescent borate glass superstrates for high efficiency CdTe solar cells. , 2012, , .		7
12	Temperature-dependent luminescence of Tb ³⁺ and Eu ³⁺ single-doped glasses for LED applications. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 1359-1364.	0.8	7
13	Structural and optical properties of Dy ³⁺ -doped lithium borate glass. Journal of Commonwealth Law and Legal Education, 2018, 59, 93-96.	0.5	4
14	Trivalent rare-earth ions as photon down-shifter for photovoltaic applications. Proceedings of SPIE, 2014, , .	0.8	1
15	Lock-in Thermography for the Development of New Materials. Materials Today: Proceedings, 2017, 4, S128-S134.	1.8	1
16	Excitation power dependence of Eu ³⁺ photoluminescence in barium borate glass. Journal of Commonwealth Law and Legal Education, 2018, 59, 130-134.	0.5	1
17	Optical characterization of TCO films on borate glasses for high efficiency solar cells. Proceedings of SPIE, 2012, , .	0.8	0
18	Thermographic investigation of luminescent barium borate glasses for white-LED applications. , 2015, , .		0