

# Franziska Steudel

## List of Publications by Year in descending order

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18  
papers

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272  
citing authors

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