

# Liana Shirmane

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparing the luminescence processes of YVO <sub>4</sub> :Eu and core-shell YVO <sub>4</sub> @YF <sub>3</sub> nanocrystals with bulk-YVO <sub>4</sub> :Eu. Physica B: Condensed Matter, 2017, 504, 80-85.	2.7	30
2	UV-VUV synchrotron radiation spectroscopy of NiWO <sub>4</sub> . Low Temperature Physics, 2016, 42, 543-546.	0.6	15
3	Emerging blue-UV luminescence in cerium doped YAG nanocrystals. Physica Status Solidi - Rapid Research Letters, 2016, 10, 475-479.	2.4	15
4	X-RAY PHOTOEMISSION ELECTRON MICROSCOPE DETERMINATION OF ORIGINS OF ROOM TEMPERATURE FERROMAGNETISM AND PHOTOLUMINESCENCE IN HIGH-Co-CONTENT Zn <sub>1-x</sub> O FILMS. Surface Review and Letters, 2014, 21, 1450058.	1.1	7
5	Comparative study of the luminescence properties of macro- and nanocrystalline MgO using synchrotron radiation. Nuclear Instruments & Methods in Physics Research B, 2013, 310, 23-26.	1.4	45
6	Luminescence and ultraviolet excitation spectroscopy of SrI <sub>2</sub> and SrI <sub>2</sub> :Eu <sup>2+</sup> . Radiation Measurements, 2013, 56, 13-17.	1.4	35
7	LaPO <sub>4</sub> :Ce,Tb and YVO <sub>4</sub> :Eu nanophosphors: Luminescence studies in the vacuum ultraviolet spectral range. Journal of Applied Physics, 2011, 110, 053522.	2.5	48
8	Electronic excitations in ZnWO <sub>4</sub> and Zn <sub>x</sub> Ni <sub>1-x</sub> WO <sub>4</sub> (x = 0.1 ~ 0.9) using VUV synchrotron radiation. Open Physics, 2011, 9, .	1.7	17
9	Polar nanoregions in Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> (PMN): insights from a supercell approach. Open Physics, 2011, 9, 438-445.	1.7	0
10	Numerical Evidences of Polarization Switching in PMN Type Relaxor Ferroelectrics. Integrated Ferroelectrics, 2011, 123, 32-39.	0.7	0
11	Peculiarities of luminescent properties of cerium doped YAG transparent nanoceramics. Radiation Measurements, 2010, 45, 392-394.	1.4	17