

# Lesya P Yurchenko

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

132  
citations

1684188

5  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic and impurity defects in chromium-doped SrTiO <sub>3</sub> nanopowders: EPR and NMR study. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 821-824.	1.5	11
2	Using the methods of radiospectroscopy (EPR, NMR) to study the nature of the defect structure of solid solutions based on lead zirconate titanate (PZT). <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2014, 61, 1379-1385.	3.0	6
3	Microstructure effect on the properties of electrostrictive Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -PbTiO <sub>3</sub> ceramics. <i>Inorganic Materials</i> , 2009, 45, 1197-1201.	0.8	5
4	Room-temperature ferroelectricity, superparamagnetism and large magnetoelectricity of solid solution PbFe <sub>1/2</sub> Ta <sub>1/2</sub> O <sub>3</sub> with (PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ) <sub>0.7</sub> (PbTiO <sub>3</sub> ) <sub>0.3</sub> . <i>Journal of Materials Science</i> , 2020, 55, 1399-1413.	3.7	5
5	Electron paramagnetic resonance investigation of polar nanoregions mobility in the relaxor PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> and solid solutions PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> - PbTiO <sub>3</sub> . <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	3
6	Origin of Ferroelectricity and Multiferroicity in Binary Oxide Thin Films. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 273-278.	3.0	3
7	Impurities in Perovskites: Evidence from ESR of Posistor Barium Titanate Ceramics. <i>Ferroelectrics</i> , 2003, 288, 235-241.	0.6	2
8	The Study of Electronic Structure and Unavoidable Impurities in Incipient Ferroelectric SrTiO <sub>3</sub> Ceramics Doped by Ba or Ca. <i>Ferroelectrics</i> , 2008, 362, 55-63.	0.6	0
9	Magnetic Resonance and Local Properties of BiFeO <sub>3</sub> and Ni <sub>2</sub> MnGa Layers. <i>Ferroelectrics</i> , 2008, 370, 153-155.	0.6	0
10	Defect Structure of Nanosized Zirconium Oxide Powders Doped with Y <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Cr <sub>2</sub> O <sub>3</sub> . <i>Solid State Phenomena</i> , 2013, 200, 108-113.	0.3	0
11	The nature of the defect structure of solid solutions based on lead zirconate titanate (PZT): Evidence from EPR and NMR. , 2013, , .		0