Saroj Rujirawat

List of Publications by Year
in descending order

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29	438	759233 12	713466 21
papers	citations	h-index	g-index

29	29	29	618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure, optical and magnetic properties of LaFeO3 nanoparticles prepared by polymerized complex method. Journal of Sol-Gel Science and Technology, 2014, 71, 333-341.	2.4	125
2	SUT-NANOTEC-SLRI beamline for X-ray absorption spectroscopy. Journal of Synchrotron Radiation, 2017, 24, 707-716.	2.4	39
3	Polymer pyrolysis synthesis and magnetic properties of LaFeO3 nanoparticles. Physica B: Condensed Matter, 2015, 476, 55-60.	2.7	36
4	Identification of Mn site in Pb(Zr,Ti)O3 by synchrotron x-ray absorption near-edge structure: Theory and experiment. Applied Physics Letters, 2007, 90, 103113.	3.3	29
5	Dielectric Properties of BaTiO₃-Modified BiFeO₃Ceramics. Ferroelectrics, 2010, 410, 75-81.	0.6	26
6	Determination of miscibility in MgO-ZnO nanocrystal alloys by x-ray absorption spectroscopy. Applied Physics Letters, 2011, 99, 261901.	3.3	23
7	Synchrotron X-ray absorption spectroscopy study of local structure transformation behavior in perovskite Ba(Ti,Zr)O3 system. Journal of Alloys and Compounds, 2014, 616, 430-435.	5.5	23
8	Effect of borate glass network to electrochemical properties: Manganese-doped lithium borate glasses. Radiation Physics and Chemistry, 2020, 170, 108677.	2.8	21
9	Enhancement of thermoelectric properties of CoSb3-based skutterudites by double filling of Tl and In. Journal of Applied Physics, 2012, 112, 043509.	2.5	18
10	On preferred Mn site in multiferroic BiFeO3: A view by synchrotron x-ray absorption near edge structure spectroscopy. Journal of Applied Physics, 2014, 116, .	2.5	17
11	Synthesis, structural, optical and magnetic properties of Cu-doped ZnO nanorods prepared by a simple direct thermal decomposition route. Applied Physics A: Materials Science and Processing, 2014, 117, 927-935.	2.3	17
12	Identification of Mn Site in BaTiO₃by Synchrotron X-Ray Absorption Spectroscopy Measurements. Ferroelectrics, 2009, 381, 130-143.	0.6	16
13	Effects of Iron Addition on Electrical Properties and Aging Behavior of Barium Titanate Ceramics. Ferroelectrics, 2009, 383, 166-173.	0.6	11
14	Change in interface magnetism of an exchange-coupled system due to the presence of nonmagnetic spacers. Physical Review B, 2013, 87, .	3.2	9
15	Temperature dependent local structure in BaTiO₃single crystal. Integrated Ferroelectrics, 2017, 177, 74-78.	0.7	8
16	X-ray absorption spectroscopy of indium nitride, indium oxide, and their alloys. Computational Materials Science, 2010, 49, S37-S42.	3.0	5
17	Temperature dependent local structure of LiCoO2 determined by in-situ Co K-edge X-ray absorption fine structure (EXAFS). Radiation Physics and Chemistry, 2020, 175, 108545.	2.8	5
18	Application of x-ray absorption spectroscopy on local structure study in Fe-doped BaTiO₃ ceramics. Integrated Ferroelectrics, 2017, 177, 131-136.	0.7	4

#	Article	IF	Citations
19	Effect of electric field on local structure of PZT single crystal studied by X-ray absorption spectroscopy technique. Integrated Ferroelectrics, 2017, 177, 137-142.	0.7	2
20	Analysis of the low-temperature dielectric relaxation in $$hbox {CH}_{3}hbox {NH}_{3}hbox {PbI}_{3}$$ CH 3 NH 3 PbI 3. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	1
21	Phase evolution in BaTiO₃ and Ba(Ti,Fe)O₃ ceramics studied by X-ray diffraction technique. Ferroelectrics, 2019, 552, 172-176.	0.6	1
22	A compact furnace for in situ X-ray absorption spectroscopy: design, fabrication and study of cationic oxidation states in Pr₆O₁₁ and NiO. Journal of Synchrotron Radiation, 2021, 28, 455-460.	2.4	1
23	Achieving Bright Reddish-Orange Luminescence in CaSnO₃ Ceramics through Doping Manipulation. Integrated Ferroelectrics, 2022, 222, 218-223.	0.7	1
24	Direct manipulation of the uncompensated antiferromagnetic spins in exchange coupled system by GeV ion irradiation. Applied Physics Letters, 2012, 100, 253102.	3.3	0
25	Effects of Mg Local Structure on Mg K-edge XANES Spectra of MgxZn1-xO Alloy: A First-principles Study. Integrated Ferroelectrics, 2014, 156, 72-78.	0.7	0
26	Phase formation investigation in PZT materials by Synchrotron X-ray absorption spectroscopy techniques. Integrated Ferroelectrics, 2017, 177, 69-73.	0.7	0
27	Effect of temperature on local structure of Pb(Zr0.58Ti0.42)O3 single crystal. Ferroelectrics, 2019, 552, 186-191.	0.6	0
28	Synthesis and characterization of CH3NH3PbI3 and CH3NH3PbI(3-x)Clx perovskite solar cell materials. Ferroelectrics, 2019, 552, 192-198.	0.6	0
29	Correlation of X-Ray Diffraction, X-Ray Absorption Spectroscopy and Optical Properties of Europium Activated Spaniel Calcium Stannate. Integrated Ferroelectrics, 2022, 225, 12-19.	0.7	0