

# Saroj Rujirawat

## List of Publications by Year in descending order

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29  
papers

438  
citations

759233

12  
h-index

713466

21  
g-index

29  
all docs

29  
docs citations

29  
times ranked

618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving Bright Reddish-Orange Luminescence in $\text{CaSnO}_3$ Ceramics through Doping Manipulation. <i>Integrated Ferroelectrics</i> , 2022, 222, 218-223.	0.7	1
2	Correlation of X-Ray Diffraction, X-Ray Absorption Spectroscopy and Optical Properties of Europium Activated Spinel Calcium Stannate. <i>Integrated Ferroelectrics</i> , 2022, 225, 12-19.	0.7	0
3	A compact furnace for <i>in situ</i> X-ray absorption spectroscopy: design, fabrication and study of cationic oxidation states in $\text{Pr}_6\text{O}_{11}$ and NiO. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 455-460.	2.4	1
4	Temperature dependent local structure of $\text{LiCoO}_2$ determined by in-situ Co K-edge X-ray absorption fine structure (EXAFS). <i>Radiation Physics and Chemistry</i> , 2020, 175, 108545.	2.8	5
5	Effect of borate glass network to electrochemical properties: Manganese-doped lithium borate glasses. <i>Radiation Physics and Chemistry</i> , 2020, 170, 108677.	2.8	21
6	Effect of temperature on local structure of $\text{Pb}(\text{Zr}_{0.58}\text{Ti}_{0.42})\text{O}_3$ single crystal. <i>Ferroelectrics</i> , 2019, 552, 186-191.	0.6	0
7	Synthesis and characterization of $\text{CH}_3\text{NH}_3\text{PbI}_3$ and $\text{CH}_3\text{NH}_3\text{PbI}_{(3-x)}\text{Cl}_x$ perovskite solar cell materials. <i>Ferroelectrics</i> , 2019, 552, 192-198.	0.6	0
8	Phase evolution in $\text{BaTiO}_3$ and $\text{Ba}(\text{Ti,Fe})\text{O}_3$ ceramics studied by X-ray diffraction technique. <i>Ferroelectrics</i> , 2019, 552, 172-176.	0.6	1
9	Analysis of the low-temperature dielectric relaxation in $\text{CH}_3\text{NH}_3\text{PbI}_3$ . <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	1
10	SUT-NANOTEC-SLRI beamline for X-ray absorption spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 707-716.	2.4	39
11	Phase formation investigation in PZT materials by Synchrotron X-ray absorption spectroscopy techniques. <i>Integrated Ferroelectrics</i> , 2017, 177, 69-73.	0.7	0
12	Application of x-ray absorption spectroscopy on local structure study in Fe-doped $\text{BaTiO}_3$ ceramics. <i>Integrated Ferroelectrics</i> , 2017, 177, 131-136.	0.7	4
13	Temperature dependent local structure in $\text{BaTiO}_3$ single crystal. <i>Integrated Ferroelectrics</i> , 2017, 177, 74-78.	0.7	8
14	Effect of electric field on local structure of PZT single crystal studied by X-ray absorption spectroscopy technique. <i>Integrated Ferroelectrics</i> , 2017, 177, 137-142.	0.7	2
15	Polymer pyrolysis synthesis and magnetic properties of $\text{LaFeO}_3$ nanoparticles. <i>Physica B: Condensed Matter</i> , 2015, 476, 55-60.	2.7	36
16	Effects of Mg Local Structure on Mg K-edge XANES Spectra of $\text{Mg}_x\text{Zn}_{1-x}\text{O}$ Alloy: A First-principles Study. <i>Integrated Ferroelectrics</i> , 2014, 156, 72-78.	0.7	0
17	On preferred Mn site in multiferroic $\text{BiFeO}_3$ : A view by synchrotron x-ray absorption near edge structure spectroscopy. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	17
18	Synchrotron X-ray absorption spectroscopy study of local structure transformation behavior in perovskite $\text{Ba}(\text{Ti,Zr})\text{O}_3$ system. <i>Journal of Alloys and Compounds</i> , 2014, 616, 430-435.	5.5	23

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19	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
20	Structure, optical and magnetic properties of LaFeO <sub>3</sub> nanoparticles prepared by polymerized complex method. Journal of Sol-Gel Science and Technology, 2014, 71, 333-341.	2.4	125
21	Change in interface magnetism of an exchange-coupled system due to the presence of nonmagnetic spacers. Physical Review B, 2013, 87, .	3.2	9
22	Enhancement of thermoelectric properties of CoSb <sub>3</sub> -based skutterudites by double filling of Tl and In. Journal of Applied Physics, 2012, 112, 043509.	2.5	18
23	Direct manipulation of the uncompensated antiferromagnetic spins in exchange coupled system by GeV ion irradiation. Applied Physics Letters, 2012, 100, 253102.	3.3	0
24	Determination of miscibility in MgO-ZnO nanocrystal alloys by x-ray absorption spectroscopy. Applied Physics Letters, 2011, 99, 261901.	3.3	23
25	X-ray absorption spectroscopy of indium nitride, indium oxide, and their alloys. Computational Materials Science, 2010, 49, S37-S42.	3.0	5
26	Dielectric Properties of BaTiO <sub>3</sub> -Modified BiFeO <sub>3</sub> Ceramics. Ferroelectrics, 2010, 410, 75-81.	0.6	26
27	Identification of Mn Site in BaTiO <sub>3</sub> by Synchrotron X-Ray Absorption Spectroscopy Measurements. Ferroelectrics, 2009, 381, 130-143.	0.6	16
28	Effects of Iron Addition on Electrical Properties and Aging Behavior of Barium Titanate Ceramics. Ferroelectrics, 2009, 383, 166-173.	0.6	11
29	Identification of Mn site in Pb(Zr,Ti)O <sub>3</sub> by synchrotron x-ray absorption near-edge structure: Theory and experiment. Applied Physics Letters, 2007, 90, 103113.	3.3	29