

# Babusona Sarkar

## List of Publications by Year in descending order

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16  
papers

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citations

840776

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940533

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docs citations

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times ranked

729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unlocking ferrimagnetic ground state, anomalous behavior of the exchange bias field around spin reorientation, and magnetoelectric coupling in $\text{YbCrO}_3$ . <i>Journal of Applied Physics</i> , 2018, 123, 124301. <a href="#">DOI: 10.1063/1.5021111</a>	3.2	17
2	Magnetization reversal, exchange interaction, and switching behavior studies on Ru doped $\text{GdCrO}_3$ . <i>Journal of Alloys and Compounds</i> , 2018, 739, 418-424.	5.5	11
3	Evolution of magnetic properties and exchange interactions in Ru doped $\text{YbCrO}_3$ . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 426001.	1.8	16
4	Large exchange bias effect in $\text{LaCr}_{0.9}\text{Ru}_{0.1}\text{O}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 160-164.	2.3	12
5	Itinerant to localized electronic behavior in phase segregated ruthenates. <i>Journal of Alloys and Compounds</i> , 2016, 667, 248-254.	5.5	7
6	Enhanced magnetic and dielectric behavior in Co doped $\text{BiFeO}_3$ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 381, 271-277.	2.3	39
7	Structural, electric and magnetic properties of $\text{La}_{1-x}\text{Sr}_x\text{Co}_{1-x}\text{Ru}_x\text{O}_3$ ( $0 \leq x \leq 0.6$ ) solid solution. <i>Journal of Alloys and Compounds</i> , 2015, 649, 1164-1173.	5.5	5
8	Correlation among disorder, electronic and magnetic phases of $\text{SrRuO}_3$ . <i>Journal of Physics Condensed Matter</i> , 2015, 27, 116002.	1.8	11
9	Magnetic and magnetocaloric properties of Ba and Ti co-doped $\text{SrRuO}_3$ . <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	7
10	Magnetic properties of mixed spinel $\text{BaTiO}_3\text{-NiFe}_2\text{O}_4$ composites. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	55
11	Exchange bias effect in $\text{BiFeO}_3\text{-NiO}$ nanocomposite. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	27
12	Electrical conductivity spectra of Sn doped $\text{BaTi}_{0.95}\text{Zr}_{0.05}\text{O}_3$ . <i>Journal of Applied Physics</i> , 2014, 115, 203713.	2.5	2
13	Interfacial magnetism and exchange coupling in $\text{BiFeO}_3\text{-CuO}$ nanocomposite. <i>Nanotechnology</i> , 2013, 24, 505711.	2.6	26
14	Temperature induced magnetization reversal in $\text{SrRuO}_3$ . <i>Applied Physics Letters</i> , 2013, 103, 252403.	3.3	16
15	Enhanced magnetic and dielectric properties of Eu and Co co-doped $\text{BiFeO}_3$ nanoparticles. <i>Applied Physics Letters</i> , 2012, 101, 042401.	3.3	192
16	Magnetic and dielectric properties of Eu-doped $\text{BiFeO}_3$ nanoparticles by acetic acid-assisted sol-gel method. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	85