

# Ashim K Pramanik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6871600/publications.pdf>

Version: 2024-02-01

66  
papers

1,356  
citations

430874

18  
h-index

345221

36  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1329  
citing authors



#	ARTICLE	IF	CITATIONS
19	Magnetism in Sr <sub>2</sub> FelrO <sub>6</sub> /La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> trilayer. AIP Conference Proceedings, 2019, , .	0.4	0
20	Unusual exchange bias in Sr <sub>2</sub> FelrO <sub>6</sub> /La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> multilayer. Journal of Physics Condensed Matter, 2019, 31, 13LT02.	1.8	5
21	Journal of Magnetism and Magnetic Materials, 2019, 478, 148-154.	2.3	17
22	Evolution of structural and magnetic behavior of SrRuO <sub>3</sub> by Ga doping at Ru site. Physica B: Condensed Matter, 2019, 570, 334-336.	2.7	1
23	Nonmagnetic Substitution in Pyrochlore Iridate Y <sub>2</sub> (Ir <sub>1-x</sub> Ti <sub>x</sub> ) <sub>2</sub> O <sub>7</sub> : Structure, Magnetism, and Electronic Properties. Journal of Physical Chemistry C, 2019, 123, 13036-13046.	3.1	8
24	Insight into the magnetic behavior of Sr <sub>2</sub> IrO <sub>4</sub> : A spontaneous magnetization study. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1806-1809.	2.1	5
25	Interface induced exchange bias effect in La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> /SrIrO <sub>3</sub> multilayer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1642-1647.	2.1	8
26	Effect of strain on transport behavior of perovskite SrIrO <sub>3</sub> thin films. AIP Conference Proceedings, 2018, , .	0.4	1
27	Temperature dependent structural investigations in Sr <sub>2</sub> FelrO <sub>6</sub> . AIP Conference Proceedings, 2018, , .	0.4	1
28	Evolution of physical properties in hole doped Sr <sub>2</sub> IrO <sub>4</sub> : a Jeff = 1/2 magnetic insulator. Journal of Physics: Conference Series, 2018, 1086, 012014.	0.4	0
29	Evolution of structural and magnetic properties of Ti doped Sr <sub>2</sub> IrO <sub>4</sub> : a novel magnetic insulator. IOP Conference Series: Materials Science and Engineering, 2018, 410, 012010.	0.6	0
30	Effect of hole doping on structural, electronic and magneto-transport properties of Sr <sub>2</sub> IrO <sub>4</sub> . Materials Today: Proceedings, 2018, 5, 15445-15450.	1.8	0
31	Evolution of structural and transport properties in Y-doped double perovskite Sr <sub>2</sub> FelrO <sub>6</sub> . AIP Conference Proceedings, 2018, , .	0.4	1
32	Evolution of structural, electronic and magneto-transport properties of Sr <sub>2</sub> Ir <sub>1-x</sub> Ti <sub>x</sub> O <sub>4</sub> 5d based oxide. AIP Conference Proceedings, 2018, , .	0.4	0
33	Structural, Magnetization and Spin Wave Analysis in Layered 5d Iridate Sr <sub>2</sub> IrO <sub>4</sub> . IOP Conference Series: Materials Science and Engineering, 2018, 310, 012055.	0.6	1
34	Structural, magnetic, and electronic transport properties of pyrochlore iridate Pr <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> . AIP Conference Proceedings, 2018, , .	0.4	6
35	Investigation of structural and magnetic properties of SrRuO <sub>3</sub> by Ir doping at Ru site. AIP Conference Proceedings, 2018, , .	0.4	1
36	Critical behavior in itinerant ferromagnet SrRu <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2018, 465, 193-200.	2.3	8

#	ARTICLE	IF	CITATIONS
37	Evolution of structural, magnetic and transport behavior by Pr doping in SrRuO <sub>3</sub> . AIP Conference Proceedings, 2018, , .	0.4	0
38	Evolution of structure, magnetism, and electronic transport in the doped pyrochlore iridate $Y_{2-x}O_{7-x}Ir_2O_{7+x}$ . Physical Review B, 2017, 95, .	3.2	21
39	Site dilution in SrRuO <sub>3</sub> : effects on structural and magnetic properties. Journal of Physics Condensed Matter, 2017, 29, 115801.	1.8	19
40	Structure, magnetism and electronic properties in $Ca_{1-x}Sr_x$ based double perovskite ( $T_{\text{c}} \approx 0.0$ K). Journal of Physics Condensed Matter, 2017, 29, 495801.	1.8	10
41	Effect of Cu substitution in spin-orbit coupled $Sr_{2-x}Cu_xIr_2O_{7-x}$ . Physical Review B, 2017, 96, .	3.2	21
42	Insulating phase in Sr <sub>2</sub> IrO <sub>4</sub> : An investigation using critical analysis and magnetocaloric effect. Journal of Magnetism and Magnetic Materials, 2017, 422, 141-148.	2.3	21
43	Evolution of structural and magnetic properties in Ti doped pyrochlore iridate Y <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> . AIP Conference Proceedings, 2017, , .	0.4	3
44	Evolution of magnetic and transport properties in hole doped $Y_{2-x}O_{7-x}Ir_2O_{7+x}$ . Journal of Physics: Conference Series, 2017, 828, 012009.	0.4	0
45	Effect of Y substitution in SrRuO <sub>3</sub> : Evolution from itinerant to localized type magnetism. AIP Conference Proceedings, 2017, , .	0.4	1
46	Electronic and magnetic properties in Sr <sub>1-x</sub> LaxRuO <sub>3</sub> . AIP Conference Proceedings, 2016, , .	0.4	4
47	Investigation of structural and electrical transport properties in Ti doped Sr <sub>2</sub> IrO <sub>4</sub> . AIP Conference Proceedings, 2016, , .	0.4	5
48	Nonequilibrium low temperature phase in pyrochlore iridate Y <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> : Possibility of glass-like dynamics. Journal of Magnetism and Magnetic Materials, 2016, 409, 20-27.	2.3	30
49	Finite-size effect on evolution of Griffiths phase in manganite nanoparticles. Journal of Physics Condensed Matter, 2016, 28, 35LT02.	1.8	25
50	Glass-like behavior in pyrochlore iridate Y <sub>2</sub> Ir <sub>2</sub> O <sub>7</sub> . AIP Conference Proceedings, 2016, , .	0.4	5
51	Evidence for 3D isotropic long range spin-spin interaction near the ferromagnetic transition in bulk and thin film SrRuO <sub>3</sub> . Materials Research Express, 2015, 2, 056101.	1.6	0
52	Temperature evolution of magnetic and transport behavior in $Sr_{2-x}Ir_xO_{7-x}$ Mott insulator: significance of magneto-structural coupling. Journal of Physics Condensed Matter, 2015, 27, 016005.	1.8	41
53	Exchange bias in strained SrRuO <sub>3</sub> thin films. Journal of Applied Physics, 2014, 116, 194310.	2.5	14
54	Flux dynamics and avalanches in the 122 pnictide superconductor $Ba_{0.65}Na_{0.35}Fe_2As_2$ . Journal of Physics Condensed Matter, 2013, 25, 495701.	1.8	24

#	ARTICLE	IF	CITATIONS
55	Evolution of structural phase coexistence in a half doped manganite Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> : An evidence for magneto-structural coupling. Journal of Magnetism and Magnetic Materials, 2013, 325, 29-35.	2.3	12
56	Evolution of superconducting correlations within magnetic field-decoupled La <sub>2-x</sub> Ba <sub>x</sub> CuO <sub>7</sub> . Physical Review B, 2010, 82, .	3.2	21
57	Fishtail effect and vortex dynamics in LiFeAs single crystals. Physical Review B, 2011, 83, .	3.2	69
58	Multigap superconductivity in single crystals of Ba <sub>1-x</sub> Na <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2010, 82, .	3.2	40
59	Memory, relaxation and aging effect in Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> nanoparticles. Journal of Physics: Conference Series, 2010, 200, 072075.	0.4	4
60	Critical current and vortex dynamics in single crystals of Ca <sub>1-x</sub> Pr <sub>x</sub> MnO <sub>3</sub> . Physical Review B, 2010, 82, .	3.2	32
61	Interparticle interaction and crossover in critical lines on field-temperature plane in Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . Physical Review B, 2010, 82, .	3.2	62
62	Griffiths phase and its evolution with Mn-site disorder in the half-doped manganite Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . Physical Review B, 2010, 81, .	3.2	160
63	Critical behavior at paramagnetic to ferromagnetic phase transition in Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . A bulk magnetization study. Physical Review B, 2009, 79, .	3.2	327
64	Phase separation and the effect of quenched disorder in Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . Journal of Physics Condensed Matter, 2008, 20, 275207.	1.8	62
65	Coexisting tunable fractions of glassy and equilibrium long-range-order phases in manganites. Journal of Physics Condensed Matter, 2006, 18, L605-L611.	1.8	78
66	Relating supercooling and glass-like arrest of kinetics for phase separated systems: Doped CeFe <sub>2</sub> and (La, Pr, Ca)MnO <sub>3</sub> . Physical Review B, 2006, 73, .	3.2	97