

Ashim K Pramanik

List of Publications by Year in descending order

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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
1	Critical behavior at paramagnetic to ferromagnetic phase transition in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. A bulk magnetization study. Physical Review B, 2009, 79, .	3.2	327
2	Griffiths phase and its evolution with Mn-site disorder in the half-doped manganite $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. Physical Review B, 2010, 81, .	3.2	160
3	Relating supercooling and glass-like arrest of kinetics for phase separated systems: Doped CeFe_2 and $(\text{La}, \text{Pr}, \text{Ca})\text{MnO}_3$. Physical Review B, 2006, 73, .	3.2	97
4	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
5	Fishtail effect and vortex dynamics in LiFeAs single crystals. Physical Review B, 2011, 83, .	3.2	69
6	Phase separation and the effect of quenched disorder in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. Journal of Physics Condensed Matter, 2008, 20, 275207.	1.8	62
7	Interparticle interaction and crossover in critical lines on field-temperature plane in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. Physical Review B, 2010, 82, .	3.2	62
8	Temperature evolution of magnetic and transport behavior in $\text{Sr}_{2}\text{IrO}_4$: significance of magneto-structural coupling. Journal of Physics Condensed Matter, 2015, 27, 016005.	1.8	41
9	Finite-size effect on evolution of Griffiths phase in manganite nanoparticles. Journal of Physics Condensed Matter, 2016, 28, 35LT02.	3.2	40
10	Critical current and vortex dynamics in single crystals of $\text{Ca}_{0.35}\text{Fe}_2\text{As}_{0.65}\text{O}_{10}$. Physical Review B, 2010, 82, .	3.2	32
11	Evolution of structure, magnetism, and electronic transport in the doped pyrochlore iridate $\text{Y}_2\text{Ir}_2\text{O}_7$. Physical Review B, 2017, 95, .	3.2	32
12	Nonequilibrium low temperature phase in pyrochlore iridate $\text{Y}_2\text{Ir}_2\text{O}_7$: Possibility of glass-like dynamics. Journal of Magnetism and Magnetic Materials, 2016, 409, 20-27.	2.3	30
13	Finite-size effect on evolution of Griffiths phase in manganite nanoparticles. Journal of Physics Condensed Matter, 2016, 28, 35LT02.	1.8	25
14	Flux dynamics and avalanches in the 122 pnictide superconductor $\text{Ba}_{0.65}\text{Na}_{0.35}\text{Fe}_2\text{As}_2$. Journal of Physics Condensed Matter, 2013, 25, 495701.	1.8	24
15	Angular correlations within magnetic field-decoupled $\text{La}_{0.6}\text{Sr}_{0.4}\text{CuO}$. Physical Review B, 2017, 95, .	3.2	21
16	Effect of Cu substitution in spin-orbit coupled $\text{Sr}_{2-x}\text{Cu}_x\text{O}$. Physical Review B, 2017, 96, .	3.2	21
17	Insulating phase in Sr_2IrO_4 : An investigation using critical analysis and magnetocaloric effect. Journal of Magnetism and Magnetic Materials, 2017, 422, 141-148.	2.3	21
18	Site dilution in SrRuO_3 : effects on structural and magnetic properties. Journal of Physics Condensed Matter, 2017, 29, 115801.	1.8	19

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19	Structure, magnetism, and electronic properties in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle d \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$		
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#	ARTICLE	IF	CITATIONS
37	Electronic and magnetic properties in Sr _{1-x} La _x RuO ₃ . AIP Conference Proceedings, 2016, , .	0.4	4
38	Evolution of structural and magnetic properties in Ti doped pyrochlore iridate Y ₂ Ir ₂ O ₇ . AIP Conference Proceedings, 2017, , .	0.4	3
39	Electronic properties in itinerant ferromagnet SrRu _{1-x} Ti _x O ₃ . Journal of Physics Condensed Matter, 2020, 32, 285502.	1.8	3
40	Temperature dependent 89Y NMR study on multiferroic YCrO ₃ . Journal of Physics Condensed Matter, 2021, 33, 125803.	1.8	3
41	Magnetism and electrical transport in Y-doped layered iridate Sr ₂ IrO ₄ . Journal of Magnetism and Magnetic Materials, 2021, 528, 167749.	2.3	3
42	Structural, magnetic and dielectric properties in 3d ⁴ 5d based Sr ₂ FelrO ₆ thin films. Journal of Physics Condensed Matter, 2020, 32, 505001.	1.8	3
43	Effect of Y substitution in SrRuO ₃ : Evolution from itinerant to localized type magnetism. AIP Conference Proceedings, 2017, , .	0.4	1
44	Effect of strain on transport behavior of perovskite SrIrO ₃ thin films. AIP Conference Proceedings, 2018, , .	0.4	1
45	Temperature dependent structural investigations in Sr ₂ FelrO ₆ . AIP Conference Proceedings, 2018, , .	0.4	1
46	Evolution of structural and transport properties in Y-doped double perovskite Sr ₂ FelrO ₆ . AIP Conference Proceedings, 2018, , .	0.4	1
47	Structural, Magnetization and Spin Wave Analysis in Layered 5d Iridate Sr ₂ IrO ₄ . IOP Conference Series: Materials Science and Engineering, 2018, 310, 012055.	0.6	1
48	Investigation of structural and magnetic properties of SrRuO ₃ by Ir doping at Ru site. AIP Conference Proceedings, 2018, , .	0.4	1
49	Evolution of structural and magnetic behavior of SrRuO ₃ by Ga doping at Ru site. Physica B: Condensed Matter, 2019, 570, 334-336.	2.7	1
50	Magnetic and electronic properties of YCr _{1-x} Ni _x O ₃ (0 ≤ x ≤ 0.15) polycrystalline ceramics. Journal of Magnetism and Magnetic Materials, 2021, 539, 168326.	2.3	1
51	Evidence for 3D isotropic long range spin-spin interaction near the ferromagnetic transition in bulk and thin film SrRuO ₃ . Materials Research Express, 2015, 2, 056101.	1.6	0
52	Evolution of magnetic and transport properties in hole doped Y ₂ Ir ₂ O ₇ . Journal of Physics: Conference Series, 2017, 828, 012009.	0.4	0
53	Evolution of physical properties in hole doped Sr ₂ IrO ₄ : a Jeff = 1/2 magnetic insulator. Journal of Physics: Conference Series, 2018, 1086, 012014.	0.4	0
54	Evolution of structural and magnetic properties of Ti doped Sr ₂ IrO ₄ : a novel magnetic insulator. IOP Conference Series: Materials Science and Engineering, 2018, 410, 012010.	0.6	0

#	ARTICLE	IF	CITATIONS
55	Effect of hole doping on structural, electronic and magneto-transport properties of Sr ₂ IrO ₄ . Materials Today: Proceedings, 2018, 5, 15445-15450.	1.8	0
56	Evolution of structural, electronic and magneto-transport properties of Sr ₂ Ir _{1-λ} Ti _{λ} O ₄ 5d based oxide. AIP Conference Proceedings, 2018, , .	0.4	0
57	Evolution of structural, magnetic and transport behavior by Pr doping in SrRuO ₃ . AIP Conference Proceedings, 2018, , .	0.4	0
58	Magnetic behavior of Sr ₂ FeIrO ₆ /La _{0.67} Sr _{0.33} MnO ₃ bilayer. AIP Conference Proceedings, 2019, , .	0.4	0
59	Influence of film thickness on transport behavior of compressive strained perovskite SrIrO ₃ films. AIP Conference Proceedings, 2019, , .	0.4	0
60	Investigation of structural, magnetic and dielectric properties of Mo-doped ZnCu ₂ Nb ₂ O ₈ . AIP Conference Proceedings, 2019, , .	0.4	0
61	Magnetism in Sr ₂ FeIrO ₆ /La _{0.67} Sr _{0.33} MnO ₃ trilayer. AIP Conference Proceedings, 2019, , .	0.4	0
62	Temperature and frequency - dependent dielectric studies of Sr ₂ Ir _{0.9} V _{0.1} O ₄ . AIP Conference Proceedings, 2020, , .	0.4	0
63	Structural, transport and magnetic behavior in Sr ₂ Ir _{1-x} V _x O ₄ (x = 0.0 and 0.025). AIP Conference Proceedings, 2020, , .	0.4	0
64	Structural and magnetic properties of Gd doped YCrO ₃ . AIP Conference Proceedings, 2020, , .	0.4	0
65	Study of structural and electrical transport properties of CaRuO ₃ bulk and thin film. AIP Conference Proceedings, 2020, , .	0.4	0
66	Structural and magnetic properties of holmium orthochromites. AIP Conference Proceedings, 2020, , .	0.4	0