

Pillai Aswathy Mohan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

79
citations

1478505

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1474206

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g-index

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docs citations

10
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of flux-creep in (Bi,Pb)-2212 superconductor by holmium doping. <i>Physica B: Condensed Matter</i> , 2010, 405, 4355-4359.	2.7	27
2	A novel low temperature synthesis route for SmFeAsO _{1-x} F _x bulk superconductor with improved transport properties. <i>Journal of Alloys and Compounds</i> , 2012, 514, 1-5.	5.5	14
3	Rare earth (RE = Ce, Gd) modified Nd _{1-x} RE _x FeAsO _{0.7} F _{0.3} superconductor with enhanced magneto-transport properties. <i>RSC Advances</i> , 2015, 5, 41484-41492.	3.6	9
4	Complementary Inverter Circuits Based on p-Cu ₂ O and n-ZTO Thin Film Transistors. <i>Journal of Electronic Materials</i> , 2020, 49, 537-543.	2.2	9
5	Transport and magnetic properties of yttrium doped NdFeAs(O,F) superconductor. <i>Journal of Alloys and Compounds</i> , 2013, 566, 43-49.	5.5	7
6	NdFeAsO _{1-x} F _x Superconductor: Impact of Fluorine Variation on Microstructure and Transport Properties. <i>Journal of the American Ceramic Society</i> , 2013, 96, 1176-1180.	3.8	6
7	Structural and Transport Properties of the (Tl _{1-x} Bi _{1.6} Pb _{0.5}) ₂ Te ₂ Superconductor. <i>IEEE Transactions on Applied Superconductivity</i> , 2010, 20, 61-65.	1.7	3
8	Influence of rare earth doping on the structural and electro-magnetic properties of SmFeAsO _{0.7} F _{0.3} iron pnictide. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 731-740.	6.0	2
9	SmFeAsO Superconductor with Preferred Crystallographic Orientation and Enhanced Critical Current Density. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2099-2104.	3.8	1
10	The Role of Yttrium Doping on the Structural and Superconducting Properties of Sm1111 and Its Comparison with Other (RE, Y)1111 (RE = La, Ce, and Nd) Iron Oxypnictides. <i>Journal of Low Temperature Physics</i> , 2015, 178, 285-294.	1.4	1