

Intikhab A Ansari

List of Publications by Year in descending order

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papers

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21
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#	ARTICLE	IF	CITATIONS
1	Estimation of transition temperature T_c for doped MgB_2 superconductors by empirical models. <i>Materials Today: Proceedings</i> , 2021, 45, 4417-4420.	1.8	2
2	The study of normalized pinning force behavior in $Mg_{1-x}Ti_xB_2$ superconductor. <i>Indian Journal of Physics</i> , 2020, 94, 485-491.	1.8	0
3	Evaluation of specific heat for pristine MgB_2 superconductor at normal-state by using lower incomplete gamma function. <i>Materials Today: Proceedings</i> , 2020, 32, 264-267.	1.8	0
4	Vortex dynamics behavior with third harmonic ac-susceptibility for nano Fe-doped MgB_2 superconductor. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4548-4554.	2.2	1
5	The Analytical Solution of Incomplete Gamma Function to Determine the Electrical Resistivity at Normal State for MgB_2 Superconductor. <i>Journal of Physics: Conference Series</i> , 2019, 1172, 012028.	0.4	3
6	Study of ac-susceptibility for co-doped MgB_2 superconductor with nano- Al_2O_3 and nano-C at low magnetic field. <i>Intermetallics</i> , 2019, 106, 100-106.	3.9	3
7	Study of dynamic behaviors for nano Fe-doped MgB_2 superconductor via ac-susceptibility measurements. <i>Ceramics International</i> , 2019, 45, 1523-1527.	4.8	12
8	Study of activation energy and AC-susceptibility for nano-ZnO doped MgB_2 superconductor in presence of varying amplitude of applied field. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 614-618.	2.2	0
9	Fluctuation-Induced Conductivity of Carbon in Glucose-Doped MgB_2 Superconductor. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 383-388.	3.0	3
10	Calculation of Normalized Pinning Force and Nature of Pinning Mechanism for Nano-Al Doped MgB_2 Superconductor. <i>Journal of Modern Materials</i> , 2017, 3, 33-40.	0.4	0
11	Enhancement of critical current density for nano (n)-ZnO doped MgB_2 superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 495, 208-212.	1.2	5
12	Effect of Nano ZnO Doping on the Nature of Pinning of MgB_2 Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1547-1552.	1.8	5
13	Comparison of the critical current density of a polycrystalline MgB_2 superconductor by ac-susceptibility and Bean's model. <i>Physica Scripta</i> , 2011, 84, 065701.	2.5	2
14	Enhancement of activation energy in nano diamond doped MgB_2 superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, 369-372.	1.2	5
15	Numerical solution of Bloch-Grüneisen function to determine the contribution of electron-phonon interaction in polycrystalline MgB_2 superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, 508-510.	1.2	8
16	Reply to the comment from Mamedov. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, 2078.	1.2	0
17	Study of fluctuation induced conductivity on nano diamond doped bulk MgB_2 superconductor. <i>International Journal of Nano and Biomaterials</i> , 2009, 2, 240.	0.1	1
18	Effects of Al_2O_3 Nano-Particles on the Irreversible Properties of MgB_2 Superconductor. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	The effect of nano-alumina on structural and magnetic properties of MgB ₂ superconductors. Superconductor Science and Technology, 2007, 20, 827-831.	3.5	24
20	Comparisons for the resistivity behaviors of different encapsulated MgB ₂ samples. Cryogenics, 2007, 47, 497-500.	1.7	0
21	Fluctuation induced conductivity of polycrystalline MgB ₂ superconductor. Journal of Materials Science, 2007, 42, 6306-6309.	3.7	2