

Intikhab A Ansari

List of Publications by Year in descending order

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papers

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citations

1684188
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21
all docs

21
docs citations

21
times ranked

62
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Study of dynamic behaviors for nano Fe-doped MgB ₂ superconductor via ac-susceptibility measurements. Ceramics International, 2019, 45, 1523-1527.	4.8	12
3	Numerical solution of Bloch-Grüneisen function to determine the contribution of electron-phonon interaction in polycrystalline MgB ₂ superconductor. Physica C: Superconductivity and Its Applications, 2010, 470, 508-510.	1.2	8
4	Enhancement of activation energy in nano diamond doped MgB ₂ superconductor. Physica C: Superconductivity and Its Applications, 2010, 470, 369-372.	1.2	5
5	Enhancement of critical current density for nano (n)-ZnO doped MgB ₂ superconductor. Physica C: Superconductivity and Its Applications, 2013, 495, 208-212.	1.2	5
6	Effect of Nano ZnO Doping on the Nature of Pinning of MgB ₂ Superconductors. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1547-1552.	1.8	5
7	Fluctuation-Induced Conductivity of Carbon in Glucose-Doped MgB ₂ Superconductor. Arabian Journal for Science and Engineering, 2017, 42, 383-388.	3.0	3
8	The Analytical Solution of Incomplete Gamma Function to Determine the Electrical Resistivity at Normal State for MgB ₂ Superconductor. Journal of Physics: Conference Series, 2019, 1172, 012028.	0.4	3
9	Study of ac-susceptibility for co-doped MgB ₂ superconductor with nano-Al ₂ O ₃ and nano-C at low magnetic field. Intermetallics, 2019, 106, 100-106.	3.9	3
10	Fluctuation induced conductivity of polycrystalline MgB ₂ superconductor. Journal of Materials Science, 2007, 42, 6306-6309.	3.7	2
11	Comparison of the critical current density of a polycrystalline MgB ₂ superconductor by ac-susceptibility and Bean's model. Physica Scripta, 2011, 84, 065701.	2.5	2
12	Estimation of transition temperature T _c for doped MgB ₂ superconductors by empirical models. Materials Today: Proceedings, 2021, 45, 4417-4420.	1.8	2
13	Study of fluctuation induced conductivity on nano diamond doped bulk MgB ₂ superconductor. International Journal of Nano and Biomaterials, 2009, 2, 240.	0.1	1
14	Vortex dynamics behavior with third harmonic ac-susceptibility for nano Fe-doped MgB ₂ superconductor. Journal of Materials Science: Materials in Electronics, 2019, 30, 4548-4554.	2.2	1
15	Effects of Al ₂ O ₃ Nano-Particles on the Irreversible Properties of MgB ₂ Superconductor. AIP Conference Proceedings, 2007, , .	0.4	0
16	Comparisons for the resistivity behaviors of different encapsulated MgB ₂ samples. Cryogenics, 2007, 47, 497-500.	1.7	0
17	Reply to the comment from Mamedov. Physica C: Superconductivity and Its Applications, 2010, 470, 2078.	1.2	0
18	Study of activation energy and AC-susceptibility for nano-ZnO doped MgB ₂ superconductor in presence of varying amplitude of applied field. Journal of Materials Science: Materials in Electronics, 2018, 29, 614-618.	2.2	0

#	ARTICLE	IF	CITATIONS
19	The study of normalized pinning force behavior in Mg _{1-x} Ti _x B ₂ superconductor. Indian Journal of Physics, 2020, 94, 485-491.	1.8	0
20	Evaluation of specific heat for pristine MgB ₂ superconductor at normal-state by using lower incomplete gamma function. Materials Today: Proceedings, 2020, 32, 264-267.	1.8	0
21	Calculation of Normalized Pinning Force and Nature of Pinning Mechanism for Nano-Al Doped MgB ₂ Superconductor. Journal of Modern Materials, 2017, 3, 33-40.	0.4	0