

M B Sahana

List of Publications by Year in descending order

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8
papers

351
citations

1478505

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537
citing authors

#	ARTICLE	IF	CITATIONS
1	High temperature magnetic studies on Bi _{1-x} Ca _x Fe _{1-y} Ti _y O _{3-δ} nanoparticles: Observation of Hopkinson-like effect above TN. Journal of Applied Physics, 2018, 124, .	2.5	6
2	Microstrain engineered magnetic properties in Bi _{1-x} Ca _x Fe _{1-y} Ti _y O _{3-δ} nanoparticles: deviation from Néel's 1/d ³ size-dependent magnetization behaviour. Materials Research Express, 2017, 4, 106106.	1.6	9
3	Bandgap engineering by tuning particle size and crystallinity of SnO ₂ -Fe ₂ O ₃ nanocrystalline composite thin films. Applied Physics Letters, 2008, 93, .	3.3	70
4	Metalorganic chemical vapor deposition of highly oriented thin film composites of V ₂ O ₅ and V ₆ O ₁₃ : Suppression of the metal-semiconductor transition in V ₆ O ₁₃ . Journal of Materials Research, 2004, 19, 2859-2870.	2.6	25
5	Growth of nanowires of V ₂ O ₅ by metalorganic chemical vapor deposition. Journal of Materials Chemistry, 2003, 13, 2254-2260.	6.7	12
6	Phase transformation and semiconductor-metal transition in thin films of VO ₂ deposited by low-pressure metalorganic chemical vapor deposition. Journal of Applied Physics, 2002, 92, 6495-6504.	2.5	116
7	Time Evolution of the Microstructure of VO ₂ (B) Films Deposited on Glass by MOCVD. Materials Research Society Symposia Proceedings, 2002, 749, 1.	0.1	0
8	Microstructure and properties of VO ₂ thin films deposited by MOCVD from vanadyl acetylacetonate. Journal of Materials Chemistry, 2002, 12, 333-338.	6.7	113