

M B Sahana

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

351
citations

1478505

6
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1720034

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8
docs citations

8
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase transformation and semiconductor-metal transition in thin films of VO ₂ deposited by low-pressure metalorganic chemical vapor deposition. <i>Journal of Applied Physics</i> , 2002, 92, 6495-6504.	2.5	116
2	Microstructure and properties of VO ₂ thin films deposited by MOCVD from vanadyl acetylacetonate. <i>Journal of Materials Chemistry</i> , 2002, 12, 333-338.	6.7	113
3	Bandgap engineering by tuning particle size and crystallinity of SnO ₂ -Fe ₂ O ₃ nanocrystalline composite thin films. <i>Applied Physics Letters</i> , 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 . <i>Journal of Materials Research</i> , 2004, 19, 2859-2870.	2.6	25
5	Growth of nanowires of $\text{I}^2\text{-Na}_x\text{V}_2\text{O}_5$ by metalorganic chemical vapor deposition. <i>Journal of Materials Chemistry</i> , 2003, 13, 2254-2260.	6.7	12
6	Microstrain engineered magnetic properties in Bi _{1-x} Ca _x Fe _{1-y} Ti _y O ₃ nanoparticles: deviation from Néel's 1/d size-dependent magnetization behaviour. <i>Materials Research Express</i> , 2017, 4, 106106.	1.6	9
7	High temperature magnetic studies on Bi _{1-x} Ca _x Fe _{1-y} Ti _y O ₃ nanoparticles: Observation of Hopkinson-like effect above TN. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	6
8	Time Evolution of the Microstructure of VO ₂ (B) Films Deposited on Glass by MOCVD. <i>Materials Research Society Symposia Proceedings</i> , 2002, 749, 1.	0.1	0