

Rajagopal Shanmugasundaram

List of Publications by Year in descending order

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8
papers

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1163117
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992
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Growth of WO ₃ Nanostructures with Three Different Morphologies and Their Structural, Optical, and Photodecomposition Studies. <i>Nanoscale Research Letters</i> , 2009, 4, 1335-42.	5.7	219
2	Hydrothermal synthesis and electronic properties of FeWO ₄ and CoWO ₄ nanostructures. <i>Journal of Alloys and Compounds</i> , 2010, 493, 340-345.	5.5	137
3	Electronic structure of FeWO ₄ and CoWO ₄ tungstates: First-principles FP-LAPW calculations and X-ray spectroscopy studies. <i>Journal of Alloys and Compounds</i> , 2010, 496, 61-68.	5.5	65
4	Systematic synthesis and analysis of change in morphology, electronic structure and photoluminescence properties of pyrazine intercalated MoO ₃ hybrid nanostructures. <i>CrystEngComm</i> , 2011, 13, 2358.	2.6	56
5	Effect of partial preferential orientation and distortions in octahedral clusters on the photoluminescence properties of FeWO ₄ nanocrystals. <i>CrystEngComm</i> , 2012, 14, 7127.	2.6	31
6	Controlled synthesis of MoO ₃ microcrystals by subsequent calcination of hydrothermally grown pyrazine@MoO ₃ nanorod hybrids and their photodecomposition properties. <i>Materials Chemistry and Physics</i> , 2013, 141, 383-392.	4.0	21
7	Systematic synthesis and analysis of change in morphology, electronic structure and photoluminescence properties of 2,2'-dipyridyl intercalated MoO ₃ hybrid nanostructures and investigation of their photocatalytic activity. <i>RSC Advances</i> , 2016, 6, 88287-88299.	3.6	18
8	Crystal structure and electronic properties of facile synthesized Cr ₂ O ₃ nanoparticles. <i>Materials Research Express</i> , 2016, 3, 095019.	1.6	17