

# 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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docs citations

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992  
citing authors

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