

Somayeh

List of Publications by Year in descending order

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13
papers

130
citations

1478505

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1281871

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all docs

13
docs citations

13
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	CuO-decorated ZnO nanotube-based sensor for detecting CO gas: a first-principles study. Journal of Molecular Modeling, 2021, 27, 279.	1.8	12
2	Fabrication of flexible polyaniline@ZnO hollow sphere hybrid films for high-performance NH ₃ sensors. Journal of Materials Science: Materials in Electronics, 2020, 31, 19119-19129.	2.2	7
3	Electrodeposition of Polyaniline/Three- Dimensional Reduced Graphene Oxide Hybrid Films for Detection of Ammonia Gas at Room Temperature. IEEE Sensors Journal, 2020, 20, 9660-9667.	4.7	26
4	High-performance chemiresistor-type NH ₃ gas sensor based on three-dimensional reduced graphene oxide/polyaniline hybrid. Nanotechnology, 2020, 31, 415501.	2.6	37
5	Plasma treatment of zinc oxide nanoparticles: polyaniline blend as an active layer for the hybrid bulk heterojunction solar cell applications. International Journal of Energy Research, 2020, 44, 5223-5230.	4.5	1
6	Characterization of nano-crystalline Ti _{1-x} W _x N thin films for diffusion barrier application: a structural, microstructural, morphological and mechanical study. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	5
7	ZnO nanoparticles and polyaniline blend as an active layer for bulk heterojunction solar cell applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 18128-18135.	2.2	4
8	Mechanochemical green synthesis of exfoliated graphite at room temperature and investigation of its nonlinear properties based zinc oxide composite varistors. Journal of Materials Science: Materials in Electronics, 2017, 28, 4839-4846.	2.2	8
9	The effect of Al content, substrate temperature and nitrogen flow rate on optical band gap and optical features of nanostructured TiAlN thin films prepared by reactive magnetron sputtering. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	12
10	Effect of Al content, substrate temperature and nitrogen flow on the reactive magnetron co-sputtered nanostructure in TiAlN thin films intended for use as barrier material in DRAMs. Journal of the Korean Physical Society, 2015, 66, 978-983.	0.7	12
11	Analytical Solution of a Wave Equation in Cosmology. International Journal of Theoretical Physics, 2011, 50, 2328-2333.	1.2	0
12	An Algebraic Approach to the Kemmer Equation for Dirac Oscillator. International Journal of Theoretical Physics, 2011, 50, 3390-3397.	1.2	3
13	Study of the Electrophysical Properties of Composite Varistors Based on Zinc Oxide and Polymer (Polyaniline). International Journal of Polymer Science, 2010, 2010, 1-5.	2.7	3