

Somayeh

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

130
citations

1478505

6
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

124
citing authors

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