

Gajendra Prasad Singh

List of Publications by Year in descending order

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16
papers

468
citations

840776

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996975

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all docs

16
docs citations

16
times ranked

758
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface polar charge induced Ni loaded CdS heterostructure nanorod for efficient photo-catalytic hydrogen evolution. International Journal of Hydrogen Energy, 2021, 46, 16373-16386.	7.1	10
2	Graphene-supported TiO ₂ : study of promotion of charge carrier in photocatalytic water splitting and methylene blue dye degradation. Advanced Composites and Hybrid Materials, 2020, 3, 127-140.	21.1	75
3	Synthesis of Self-Assembled rGO-Co ₃ O ₄ Nanoparticles in Nanorods Structure for Supercapacitor Application. Journal of Materials Engineering and Performance, 2018, 27, 2741-2746.	2.5	17
4	Sol gel thermolysis process for the synthesis of nano ZnMn ₂ O ₄ by using PVA with combustion fuel and their electrochemical properties. Journal of Energy Storage, 2018, 16, 156-159.	8.1	21
5	Enhancement of surface properties of nanocrystalline TiN coated plasma nitrided AISI 310 austenitic stainless steel. International Journal of Surface Science and Engineering, 2017, 11, 547.	0.4	1
6	Structural, magnetic and dielectric study of Cu substituted NiZn ferrite nanorod. Journal of Magnetism and Magnetic Materials, 2016, 401, 918-924.	2.3	38
7	Highly oxidized graphene nanosheets via the oxidization of detonation carbon. Applied Physics A: Materials Science and Processing, 2015, 120, 543-549.	2.3	5
8	Graphene supported plasmonic photocatalyst for hydrogen evolution in photocatalytic water splitting. Nanotechnology, 2014, 25, 265701.	2.6	59
9	Surface stabilized GMR nanorods of silver coated CrO ₂ synthesized via a polymer complex at ambient pressure. Journal of Magnetism and Magnetic Materials, 2013, 339, 175-181.	2.3	9
10	One-step synthesis of graphene via catalyst-free gas-phase hydrocarbon detonation. Nanotechnology, 2013, 24, 245602.	2.6	50
11	Structural, optical and dielectric studies of Ni _x Zn _{1-x} Fe ₂ O ₄ prepared by auto combustion route. Physica B: Condensed Matter, 2012, 407, 935-942.	2.7	40
12	Optical and electron paramagnetic resonance properties of native Cr ₂ O ₃ surface over CrO ₂ . Journal of Magnetism and Magnetic Materials, 2010, 322, 1484-1487.	2.3	11
13	Structure and magnetic properties in Ag-stabilized ferromagnetic sensor of CrO ₂ nanoparticles. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 498, 125-128.	5.6	3
14	Phase formation in selected surface-roughened plasma-nitrided 304 austenite stainless steel. Science and Technology of Advanced Materials, 2008, 9, 025007.	6.1	11
15	A simple polyol synthesis of silver metal nanopowder of uniform particles. Synthetic Metals, 2007, 157, 5-10.	3.9	64
16	Effect of surface roughness on the properties of the layer formed on AISI 304 stainless steel after plasma nitriding. Surface and Coatings Technology, 2006, 200, 5807-5811.	4.8	54