

# Gajendra Prasad Singh

## List of Publications by Year in descending order

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16  
papers

468  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

758  
citing authors

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