

Arbab Mohammad Toufiq

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10853787/publications.pdf>

Version: 2024-02-01

17
papers

293
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal synthesis of MnO ₂ nanowires: structural characterizations, optical and magnetic properties. Applied Physics A: Materials Science and Processing, 2014, 116, 1127-1132.	2.3	57
2	Influence of Fe doping on the structural, optical and thermal properties of $\text{Fe}^{1\pm}\text{-MnO}_2$ nanowires. Materials Research Express, 2019, 6, 065043.	1.6	44
3	Electrochemical Properties of Controlled Size Mn ₃ O ₄ Nanoparticles for Supercapacitor Applications. Journal of Nanoscience and Nanotechnology, 2018, 18, 719-724.	0.9	43
4	Synthesis, Characterization and Optical Property of Shrimps-Like Nanostructures of MnO ₂ by Hydrothermal Route. Journal of Nanoscience and Nanotechnology, 2013, 13, 2948-2952.	0.9	22
5	Influence of SiO ₂ on the structure-controlled synthesis and magnetic properties of prismatic MnO ₂ nanorods. Nanotechnology, 2013, 24, 415703.	2.6	21
6	Hydrothermal synthesis of Cu _{0.45} Mn _{0.55} O ₂ nanowhiskers: Structural characterizations and optical properties. Materials Letters, 2014, 118, 34-38.	2.6	20
7	PHOTOLUMINESCENCE SPECTRA AND MAGNETIC PROPERTIES OF HYDROTHERMALLY SYNTHESIZED MnO ₂ NANORODS. Modern Physics Letters B, 2013, 27, 1350211.	1.9	17
8	Synthesis of nanoflakes-based self-assembling crossed structure of stannous oxide and photocatalysis property. Crystal Research and Technology, 2015, 50, 210-214.	1.3	14
9	Fabrication of cryptomelane Fe _x Mn _{1-x} O ₂ with enhanced antibacterial activity and specific heat capacity. Materials Characterization, 2020, 169, 110661.	4.4	13
10	Effect of cobalt doping on the structural, optical and antibacterial properties of $\text{Fe}^{1\pm}\text{-MnO}_2$ nanorods. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	13
11	Highly effective visible light-activated cobalt-doped TiO ₂ nanoparticles for antibacterial coatings against Campylobacter jejuni. Applied Nanoscience (Switzerland), 2020, 10, 1005-1012.	3.1	11
12	Conspicuous reversible phase transformation of novel Cu _{1.4} Mn _{1.6} O ₄ square nanosheets synthesized by auto-thermal process exhibiting intriguing optical and magnetic properties. Materials Letters, 2013, 99, 134-137.	2.6	7
13	MAGNETIC PROPERTIES OF MnO ₂ SHRIMPS-LIKE NANOSTRUCTURES SYNTHESIZED BY HYDROTHERMAL ROUTE. Modern Physics Letters B, 2013, 27, 1350215.	1.9	5
14	Effect of hydrothermal dwell time on the diameter-controlled synthesis and magnetic property of MnO ₂ nanorods. Modern Physics Letters B, 2014, 28, 1450045.	1.9	3
15	Hydrothermal synthesis of 3D Cu _{0.45} Mn _{0.55} O ₂ nanostructures; lattice vibrations and novel photoluminescence properties. Applied Physics A: Materials Science and Processing, 2014, 115, 1133-1137.	2.3	2
16	Hydrothermal synthesis and characterization of carbon-doped TiO ₂ nanoparticles. Chinese Physics B, 2020, 29, 118102.	1.4	1
17	Synthesis and characterization of 3D Cu _{0.45} Mn _{0.55} O ₂ nanoflowers with novel photoluminescence and magnetic properties. Modern Physics Letters B, 2014, 28, 1450071.	1.9	0