Shipra Mital Gupta

List of Publications by Year
in descending order

27 papers	1,908 citations	687363 13 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	2940 citing authors

#	Article	IF	Citations
1	A review of TiO2 nanoparticles. Science Bulletin, 2011, 56, 1639-1657.	1.7	981
2	Preparation and evaluation of stable nanofluids for heat transfer application: A review. Experimental Thermal and Fluid Science, 2016, 79, 202-212.	2.7	268
3	Carbon nanotubes: synthesis, properties and engineering applications. Carbon Letters, 2019, 29, 419-447.	5.9	220
4	A review on the synthesis of TiO2 nanoparticles by solution route. Open Chemistry, 2012, 10, 279-294.	1.9	91
5	An overview of commonly used semiconductor nanoparticles in photocatalysis. High Energy Chemistry, 2012, 46, 1-9.	0.9	63
6	Nanocrystalline ZrO₂ and Pt-doped ZrO₂ catalysts for low-temperature CO oxidation. Beilstein Journal of Nanotechnology, 2017, 8, 264-271.	2.8	36
7	Synergic effect of SDBS and GA to prepare stable dispersion of CNT in water for industrial heat transfer applications. Materials Research Express, 2018, 5, 055511.	1.6	24
8	Modified Two-Step Method to Prepare Long-Term Stable CNT Nanofluids for Heat Transfer Applications. Arabian Journal for Science and Engineering, 2018, 43, 6155-6163.	3.0	23
9	Synthesis, characterization and dispersion stability of water-based Cuâ€“CNT hybrid nanofluid without surfactant. Microfluidics and Nanofluidics, 2021, 25, 1.	2.2	23
10	Low-temperature CO oxidation over Cu/Pt co-doped ZrO₂ nanoparticles synthesized by solution combustion. Beilstein Journal of Nanotechnology, 2017, 8, 1546-1552.	2.8	20
11	A review on stabilization of carbon nanotube nanofluid. Journal of Thermal Analysis and Calorimetry, 2022, 147, 6537-6561.	3.6	20
12	Nickel Nanocatalyst Ex-Solution from Ceria-Nickel Oxide Solid Solution for Low Temperature CO Oxidation. Journal of Nanoscience and Nanotechnology, 2018, 18, 4614-4620.	0.9	18
13	Preparation of Long Duration Stable CNT Nanofluid Using SDS. Integrated Ferroelectrics, 2020, 204, 11-22.	0.7	18
14	Electronic Properties of Q-CdS Clusters Stabilized by Adenine. Journal of Colloid and Interface Science, 2001, 240, 459-466.	9.4	13
15	Low-Temperature CO Oxidation: Effect of the Second Metal on Activated Carbon Supported Pd Catalysts. Catalysis Letters, 2018, 148, 946-952.	2.6	13
16	Preparation of stable metal/COOH-MWCNT hybrid nanofluid. Materials Today: Proceedings, 2021, 36, 649-656.	1.8	13
17	An experimental investigation of hydrodynamic and heat transfer characteristics of surfactant-water solution and CNT nanofluid in a helical coil-based heat exchanger. Materials Today: Proceedings, 2021, 43, 3896-3903.	1.8	12
18	Synthesis and photophysics of purine-capped Q-CdS nanocrystallites. Photochemical and Photobiological Sciences, 2002, 1, 737-741.	2.9	11

#	Article	IF	Citations
19	Synthesis and photophysics of 6-dimethylaminopurine-capped Q-CdS nanoparticlesâ€"a study of its photocatalytic behavior. International Journal of Photoenergy, 2004, 6, 61-68.	2.5	11
20	Hydrodynamic studies of CNT nanofluids in helical coil heat exchanger. Materials Research Express, 2017, 4, 124002.	1.6	8
21	Experimental studies on pressure drop/friction factor of CNT nanofluids flowing through helical coils and development of a new empirical correlation. Journal of Dispersion Science and Technology, 2020, 41, 607-617.	2.4	8
22	Electronic and photocatalytic properties of purine(s)-capped CdS nanoparticles in the presence of tryptophol. Journal of Molecular Catalysis A, 2004, 219, 65-71.	4.8	5
23	Photophysics and photocatalytic behavior of composite CdSâ€"purine nanoparticles in the presence of certain indoles. Journal of Colloid and Interface Science, 2003, 265, 432-438.	9.4	4
24	Highly Active CeO2 Nanocatalysts for Low-Temperature CO Oxidation. Russian Journal of Physical Chemistry A, 2018, 92, 1900-1906.	0.6	2
25	Ce1â^'x O2Cux Nanoparticles: Synthesis, Characterization and Catalytic Activity for Phenol Degradation. Journal of Nanoscience and Nanotechnology, 2019, 19, 5220-5226.	0.9	2
26	Synthesis and photophysics of leadsulphide nanocrystallites. High Energy Chemistry, 2013, 47, 130-134.	0.9	1
27	Combined Effect of Surface Treatment and Surfactant on CNT Nanofluids Preparation. , 0, , .		0