

# Shipra Mital Gupta

## List of Publications by Year in descending order

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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 on stabilization of carbon nanotube nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 6537-6561.	3.6	20
2	Preparation of stable metal/COOH-MWCNT hybrid nanofluid. <i>Materials Today: Proceedings</i> , 2021, 36, 649-656.	1.8	13
3	Synthesis, characterization and dispersion stability of water-based Cu@CNT hybrid nanofluid without surfactant. <i>Microfluidics and Nanofluidics</i> , 2021, 25, 1.	2.2	23
4	An experimental investigation of hydrodynamic and heat transfer characteristics of surfactant-water solution and CNT nanofluid in a helical coil-based heat exchanger. <i>Materials Today: Proceedings</i> , 2021, 43, 3896-3903.	1.8	12
5	Experimental studies on pressure drop/friction factor of CNT nanofluids flowing through helical coils and development of a new empirical correlation. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 607-617.	2.4	8
6	Preparation of Long Duration Stable CNT Nanofluid Using SDS. <i>Integrated Ferroelectrics</i> , 2020, 204, 11-22.	0.7	18
7	Carbon nanotubes: synthesis, properties and engineering applications. <i>Carbon Letters</i> , 2019, 29, 419-447.	5.9	220
8	Ce <sub>1-x</sub> O <sub>2</sub> Cu <sub>x</sub> Nanoparticles: Synthesis, Characterization and Catalytic Activity for Phenol Degradation. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5220-5226.	0.9	2
9	Low-Temperature CO Oxidation: Effect of the Second Metal on Activated Carbon Supported Pd Catalysts. <i>Catalysis Letters</i> , 2018, 148, 946-952.	2.6	13
10	Highly Active CeO <sub>2</sub> Nanocatalysts for Low-Temperature CO Oxidation. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 1900-1906.	0.6	2
11	Nickel Nanocatalyst Ex-Solution from Ceria-Nickel Oxide Solid Solution for Low Temperature CO Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4614-4620.	0.9	18
12	Synergic effect of SDBS and GA to prepare stable dispersion of CNT in water for industrial heat transfer applications. <i>Materials Research Express</i> , 2018, 5, 055511.	1.6	24
13	Modified Two-Step Method to Prepare Long-Term Stable CNT Nanofluids for Heat Transfer Applications. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 6155-6163.	3.0	23
14	Hydrodynamic studies of CNT nanofluids in helical coil heat exchanger. <i>Materials Research Express</i> , 2017, 4, 124002.	1.6	8
15	Low-temperature CO oxidation over Cu/Pt co-doped ZrO <sub>2</sub> nanoparticles synthesized by solution combustion. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1546-1552.	2.8	20
16	Nanocrystalline ZrO <sub>2</sub> and Pt-doped ZrO <sub>2</sub> catalysts for low-temperature CO oxidation. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 264-271.	2.8	36
17	Preparation and evaluation of stable nanofluids for heat transfer application: A review. <i>Experimental Thermal and Fluid Science</i> , 2016, 79, 202-212.	2.7	268
18	Synthesis and photophysics of lead sulphide nanocrystallites. <i>High Energy Chemistry</i> , 2013, 47, 130-134.	0.9	1

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19	A review on the synthesis of TiO <sub>2</sub> nanoparticles by solution route. <i>Open Chemistry</i> , 2012, 10, 279-294.	1.9	91
20	An overview of commonly used semiconductor nanoparticles in photocatalysis. <i>High Energy Chemistry</i> , 2012, 46, 1-9.	0.9	63
21	A review of TiO <sub>2</sub> nanoparticles. <i>Science Bulletin</i> , 2011, 56, 1639-1657.	1.7	981
22	Synthesis and photophysics of 6-dimethylaminopurine-capped Q-CdS nanoparticles—a study of its photocatalytic behavior. <i>International Journal of Photoenergy</i> , 2004, 6, 61-68.	2.5	11
23	Electronic and photocatalytic properties of purine(s)-capped CdS nanoparticles in the presence of tryptophol. <i>Journal of Molecular Catalysis A</i> , 2004, 219, 65-71.	4.8	5
24	Photophysics and photocatalytic behavior of composite CdS/purine nanoparticles in the presence of certain indoles. <i>Journal of Colloid and Interface Science</i> , 2003, 265, 432-438.	9.4	4
25	Synthesis and photophysics of purine-capped Q-CdS nanocrystallites. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 737-741.	2.9	11
26	Electronic Properties of Q-CdS Clusters Stabilized by Adenine. <i>Journal of Colloid and Interface Science</i> , 2001, 240, 459-466.	9.4	13
27	Combined Effect of Surface Treatment and Surfactant on CNT Nanofluids Preparation. , 0, , .		0