

Sonam Mandani

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

473
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dot reduced palladium nanoparticles as active catalysts for carbon-carbon bond formation. Dalton Transactions, 2013, 42, 13821.	3.3	108
2	Carbon nanodots as ligand exchange probes in Au@C-dot nanobeacons for fluorescent turn-on detection of biothiols. Nanoscale, 2015, 7, 1802-1808.	5.6	76
3	Natural occurrence of fluorescent carbon dots in honey. Carbon, 2017, 119, 569-572.	10.3	61
4	Probing Carbocatalytic Activity of Carbon Nanodots for the Synthesis of Biologically Active Dihydro/Spiro/Glyco Quinazolinones and Aza-Michael Adducts. Journal of Organic Chemistry, 2017, 82, 2097-2106.	3.2	58
5	Coordination polymer hydrogels through Ag(I)-mediated spontaneous self-assembly of unsubstituted nucleobases and their antimicrobial activity. RSC Advances, 2016, 6, 62968-62973.	3.6	33
6	Enzymes as bionanoreactors: glucose oxidase for the synthesis of catalytic Au nanoparticles and Au nanoparticle-polyaniline nanocomposites. Journal of Materials Chemistry B, 2014, 2, 4072-4079.	5.8	30
7	Biogenic Growth of Alloys and Core-Shell Nanostructures Using Urease as a Nanoreactor at Ambient Conditions. Scientific Reports, 2013, 3, 2601.	3.3	25
8	White light emission by controlled mixing of carbon dots and rhodamine B for applications in optical thermometry and selective Fe ³⁺ detection. RSC Advances, 2016, 6, 84599-84603.	3.6	21
9	Carbon Dots as Nanodispersants for Multiwalled Carbon Nanotubes: Reduced Cytotoxicity and Metal Nanoparticle Functionalization. Langmuir, 2017, 33, 7622-7632.	3.5	20
10	Zn(II)-nucleobase metal-organic nanofibers and nanoflowers: synthesis and photocatalytic application. New Journal of Chemistry, 2018, 42, 17983-17990.	2.8	16
11	Cd(II)-nucleobase supramolecular metallo-hydrogels for <i>in situ</i> growth of color tunable CdS quantum dots. Soft Matter, 2018, 14, 5715-5720.	2.7	14
12	Catalytic activity of various pepsin reduced Au nanostructures towards reduction of nitroarenes and resazurin. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	11