Rakhi Majumdar

List of Publications by Year
in descending order

16	526	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	551
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In-situ synthesis of metal nanoparticle embedded soft hybrid materials via eco-benign approach. Pure and Applied Chemistry, 2022, 94, 999-1018.	1.9	1
2	Porous silsesquioxane cage and porphyrin nanocomposites: sensing and adsorption for heavy metals and anions. Polymer Chemistry, 2021, 12, 3391-3412.	3.9	22
3	Self assembled arjunolic acid acts as a smart weapon against cancer through TNF-Î± mediated ROS generation. Heliyon, 2020, 6, e03456.	3.2	7
4	Evolution of Vesicular Selfâ€Assemblies of the Salts of a Natural Triterpenoid Arjunolic Acid into Superstructured Ambidextrous Gels and Study of Their Entrapment Properties. ChemistrySelect, 2018, 3, 951-957.	1.5	7
5	Nontoxic water soluble nanocarbons prevent respiration of mosquito larvae, causing anoxia. Journal of Vector Borne Diseases, 2018, 55, 159.	0.4	1
6	Selfâ€assemblyÂofÂRenewableÂ Nanoâ€sized Triterpenoids. Chemical Record, 2017, 17, 841-873.	5.8	54
7	Synthesis of palladium nanoparticles with leaf extract of Chrysophyllum cainito (Star apple) and their applications as efficient catalyst for Câ€“C coupling and reduction reactions. International Nano Letters, 2017, 7, 267-274.	5.0	26
8	A Novel Trihybrid Material Based on Renewables: An Efficient Recyclable Heterogeneous Catalyst for Câ^'C Coupling and Reduction Reactions. Chemistry - an Asian Journal, 2016, 11, 2406-2414.	3.3	18
9	Mimusops elengi bark extract mediated green synthesis of gold nanoparticles and study of its catalytic activity. Applied Nanoscience (Switzerland), 2016, 6, 521-528.	3.1	70
10	A charge transfer complex nematic liquid crystalline gel with high electrical conductivity. Journal of Applied Physics, 2014, 116, .	2.5	8
11	Vesicular self-assembly of a natural triterpenoid arjunolic acid in aqueous medium: study of entrapment properties and in situ generation of gelâ€“gold nanoparticle hybrid material. RSC Advances, 2014, 4, 53327-53334.	3.6	42
12	Saraca indica bark extract mediated green synthesis of polyshaped gold nanoparticles and its application in catalytic reduction. Applied Nanoscience (Switzerland), 2014, 4, 485-490.	3.1	58
13	Self-Assembly of Ketals of Arjunolic Acid into Vesicles and Fibers Yielding Gel-Like Dispersions. Langmuir, 2013, 29, 1766-1778.	3.5	30
14	Acacia nilotica (Babool) leaf extract mediated size-controlled rapid synthesis of gold nanoparticles and study of its catalytic activity. International Nano Letters, 2013, 3, 1.	5.0	73
15	Self-assembly of a renewable nano-sized triterpenoid 18Î²-glycyrrhetinic acid. RSC Advances, 2012, 2, 8623.	3.6	65
16	Natural triterpenoids as renewable nanos. Structural Chemistry, 2012, 23, 393-398.	2.0	44