

Rakhi Majumdar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

526
citations

840776

11
h-index

940533

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16
all docs

16
docs citations

16
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Self-assembly of a renewable nano-sized triterpenoid 18 β -glycyrrhetic acid. RSC Advances, 2012, 2, 8623.	3.6	65
4	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
5	Self-Assembly of Renewable Nano-sized Triterpenoids. Chemical Record, 2017, 17, 841-873.	5.8	54
6	Natural triterpenoids as renewable nanos. Structural Chemistry, 2012, 23, 393-398.	2.0	44
7	Vesicular self-assembly of a natural triterpenoid arjunolic acid in aqueous medium: study of entrapment properties and in situ generation of gel-gold nanoparticle hybrid material. RSC Advances, 2014, 4, 53327-53334.	3.6	42
8	Self-Assembly of Ketals of Arjunolic Acid into Vesicles and Fibers Yielding Gel-Like Dispersions. Langmuir, 2013, 29, 1766-1778.	3.5	30
9	Synthesis of palladium nanoparticles with leaf extract of Chrysophyllum cainito (Star apple) and their applications as efficient catalyst for C-C coupling and reduction reactions. International Nano Letters, 2017, 7, 267-274.	5.0	26
10	Porous silsesquioxane cage and porphyrin nanocomposites: sensing and adsorption for heavy metals and anions. Polymer Chemistry, 2021, 12, 3391-3412.	3.9	22
11	A Novel Trihybrid Material Based on Renewables: An Efficient Recyclable Heterogeneous Catalyst for C-C Coupling and Reduction Reactions. Chemistry - an Asian Journal, 2016, 11, 2406-2414.	3.3	18
12	A charge transfer complex nematic liquid crystalline gel with high electrical conductivity. Journal of Applied Physics, 2014, 116, .	2.5	8
13	Evolution of Vesicular Self-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
14	Self assembled arjunolic acid acts as a smart weapon against cancer through TNF- α mediated ROS generation. Heliyon, 2020, 6, e03456.	3.2	7
15	Nontoxic water soluble nanocarbons prevent respiration of mosquito larvae, causing anoxia. Journal of Vector Borne Diseases, 2018, 55, 159.	0.4	1
16	<i>In-situ</i> synthesis of metal nanoparticle embedded soft hybrid materials via eco-benign approach. Pure and Applied Chemistry, 2022, 94, 999-1018.	1.9	1