

Binitha N Narayanan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

364
citations

840776

11
h-index

996975

15
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15
all docs

15
docs citations

15
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Room temperature production of jatropha biodiesel over coconut husk ash. <i>Energy</i> , 2014, 70, 588-594.	8.8	95
2	A facile synthesis of clay @ graphene oxide nanocomposite catalysts for solvent free multicomponent Biginelli reaction. <i>Arabian Journal of Chemistry</i> , 2020, 13, 318-334.	4.9	53
3	Novel rice husk ash - reduced graphene oxide nanocomposite catalysts for solvent free Biginelli reaction with a statistical approach for the optimization of reaction parameters. <i>Materials Chemistry and Physics</i> , 2019, 222, 63-74.	4.0	33
4	Sucrose-mediated mechanical exfoliation of graphite: a green method for the large scale production of graphene and its application in catalytic reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2017, 41, 11969-11978.	2.8	31
5	Ultrahigh specific capacitance of Fe_2O_3 nanorods-incorporated defect-free graphene nanolayers. <i>Energy</i> , 2021, 221, 119743.	8.8	24
6	Functionalized carbon dot adorned coconut shell char derived green catalysts for the rapid synthesis of amidoalkyl naphthols. <i>Journal of Colloid and Interface Science</i> , 2018, 520, 70-80.	9.4	23
7	Sodium aluminate from waste aluminium source as catalyst for the transesterification of Jatropha oil. <i>RSC Advances</i> , 2015, 5, 46290-46294.	3.6	21
8	A Green Approach for the Synthesis of Coconut Husk Ash @ Twisted Graphene Nanocomposites: Novel Catalysts for Solvent-Free Biginelli Reaction. <i>ChemistrySelect</i> , 2019, 4, 4785-4796.	1.5	19
9	Green production of biodiesel over waste borosilicate glass derived catalyst and the process up-gradation in pilot scale. <i>Renewable Energy</i> , 2019, 141, 1042-1053.	8.9	17
10	Selective electrochemical determination of paracetamol using hematite/graphene nanocomposite modified electrode prepared in a green chemical route. <i>Materials Chemistry and Physics</i> , 2021, 263, 124379.	4.0	16
11	Nitrogen-doped sulphonated 3-dimensional holey graphene nanoarchitecture for selective oxidation of ethylbenzene. <i>Journal of Materials Science</i> , 2018, 53, 12079-12090.	3.7	14
12	Solvent free one pot synthesis of amidoalkyl naphthols over phosphotungstic acid encapsulated montmorillonite clay catalysts. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 538-544.	5.2	9
13	One-pot low-temperature green synthesis of magnetic graphene nanocomposite for the selective reduction of nitrobenzene. <i>Journal of Solid State Chemistry</i> , 2018, 262, 287-293.	2.9	4
14	Novel cost-effective synthesis of non-doped turbostratic graphene from a graphite intercalation compound: development of a durable and stable electrocatalyst for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2021, 45, 18669-18681.	2.8	3
15	Green in situ preparation of novel graphene-wrapped ethyl cellulose submicrospherical capsules and its effective use in Cr (VI) removal. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	1.9	2