

Balu L Gadilohar

List of Publications by Year in descending order

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12
papers

406
citations

933410

10
h-index

1199563

12
g-index

12
all docs

12
docs citations

12
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	Choline based ionic liquids and their applications in organic transformation. <i>Journal of Molecular Liquids</i> , 2017, 227, 234-261.	4.9	203
2	An Energy Efficient Sonochemical Selective Oxidation of Benzyl Alcohols to Benzaldehydes by Using Bio-TSIL Choline Peroxydisulfate. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4797-4802.	3.7	9
3	Concentrated solar radiation aided energy efficient protocol for oxidation of alcohol using biodegradable task specific ionic liquid-choline peroxydisulfate. <i>Solar Energy</i> , 2016, 139, 328-336.	6.1	14
4	A highly selective quinaldine-indole based spiropyran with intramolecular H-bonding for visual detection of Cu(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 35-42.	7.8	44
5	Synthesis, characterisation, and study of the photophysical properties of highly stable imidazole-based novel solid-state fluorescent azo colourants. <i>Coloration Technology</i> , 2015, 131, 104-109.	1.5	3
6	Concentrated solar radiation enhanced one pot synthesis of DES and N-Phenyl phthalimide. <i>Solar Energy</i> , 2015, 122, 1354-1361.	6.1	10
7	Energy efficient, clean and solvent free photochemical benzylic bromination using NBS in concentrated solar radiation (CSR). <i>Solar Energy</i> , 2015, 113, 332-339.	6.1	20
8	Synthesis and spectroscopic study of highly fluorescent β -enaminone based boron complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 146, 80-87.	3.9	21
9	Choline peroxydisulfate oxidizing Bio-TSIL: triple role player in the one-pot synthesis of Betti bases and gem-bisamides from aryl alcohols under solvent-free conditions. <i>New Journal of Chemistry</i> , 2015, 39, 4647-4657.	2.8	19
10	Choline Peroxydisulfate: Environmentally Friendly Biodegradable Oxidizing TSIL for Selective and Rapid Oxidation of Alcohols. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19010-19018.	3.7	25
11	A highly selective fluorescent chemosensor based on thio- β -enaminone analog with a turn-on response for Cu(II) in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 174-180.	7.8	22
12	In Situ Generated Cetyltrimethylammonium Bisulphate in Choline Chloride-Urea Deep Eutectic Solvent: A Novel Catalytic System for One Pot Synthesis of 1,3,4-Oxadiazole. <i>Catalysis Letters</i> , 2014, 144, 1393-1398.	2.6	16