

Amit Saha

List of Publications by Year in descending order

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28
papers

1,157
citations

686830

13
h-index

500791

28
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all docs

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docs citations

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times ranked

1478
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Chemoselective Reduction of Aromatic Nitro Compounds by Copper Nanoparticles/Ammonium Formate. <i>Journal of Organic Chemistry</i> , 2008, 73, 6867-6870.	1.7	200
2	Microwave-Assisted Simple and Efficient Ligand Free Copper Nanoparticle Catalyzed Aryl-Sulfur Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2690-2696.	2.1	152
3	A simple and facile Heck-type arylation of alkenes with diaryliodonium salts using magnetically recoverable Pd-catalyst. <i>Green Chemistry</i> , 2012, 14, 2133.	4.6	103
4	Remarkable influence of substituent in ionic liquid in control of reaction: simple, efficient and hazardous organic solvent free procedure for the synthesis of 2-aryl benzimidazoles promoted by ionic liquid, [pmim]BF ₄ . <i>Green Chemistry</i> , 2009, 11, 733.	4.6	101
5	One-pot copper nanoparticle-catalyzed synthesis of S-aryl- and S-vinyl dithiocarbamates in water: high diastereoselectivity achieved for vinyl dithiocarbamates. <i>Green Chemistry</i> , 2008, 10, 1224.	4.6	98
6	O-Allylation of phenols with allylic acetates in aqueous media using a magnetically separable catalytic system. <i>Green Chemistry</i> , 2012, 14, 67-71.	4.6	84
7	Copper nano-catalyst: sustainable phenyl-selenylation of aryl iodides and vinyl bromides in water under ligand free conditions. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1652.	1.5	82
8	Catalysis by Ionic Liquids: Significant Rate Acceleration with the Use of [pmIm]Br in the Three-Component Synthesis of Dithiocarbamates. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 519-523.	1.2	54
9	Metal nanoparticles as efficient catalysts for organic reactions. <i>Pure and Applied Chemistry</i> , 2009, 81, 2337-2354.	0.9	38
10	Production enhancement and characterization of the polyhydroxyalkanoate produced by <i>Natrinema ajinwuensis</i> (as synonym) <i>Natrinema altunense</i> strain RM-G10. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1480-1490.	3.6	34
11	A modular synthesis of dithiocarbamate pendant unnatural β -amino acids. <i>Chemical Communications</i> , 2012, 48, 8889.	2.2	32
12	Tsuji-Trost Allylation with Allylic Acetates by Using a Cellulose-Palladium Catalyst. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6707-6709.	1.2	23
13	Ruthenium(iii)-catalysed phenylselenylation of allyl acetates by diphenyl diselenide and indium(i) bromide in neat: isolation and identification of intermediate. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1763.	1.5	19
14	Aryldithiocarbamates as thiol alternatives in Cu-catalyzed C(aryl)-S coupling reactions using aryldiazonium tetrafluoroborate salts. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9360-9366.	1.5	16
15	Iodine mediated direct coupling of benzylic alcohols with dithiocarbamate anions: An easy access of S-benzyl dithiocarbamate esters under neat reaction condition. <i>Tetrahedron Letters</i> , 2020, 61, 152382.	0.7	16
16	Ruthenium catalysed one-pot synthesis of S-allyl and cinnamyl dithiocarbamates using allyl and cinnamyl acetates in water. <i>RSC Advances</i> , 2012, 2, 6329.	1.7	14
17	Unprecedented thiocarbamidation of nitroarenes: a facile one-pot route to unsymmetrical thioureas. <i>Organic Chemistry Frontiers</i> , 2019, 6, 70-74.	2.3	14
18	Structural elucidation and antimicrobial activity of a diketopiperazine isolated from a <i>Bacillus</i> sp. associated with the marine sponge <i>Spongia officinalis</i> . <i>Natural Product Research</i> , 2021, 35, 2315-2323.	1.0	12

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19	Benign synthesis of thiophosphates, thiophosphinates and selenophosphates in neat condition using N-chalcogenoimides as the source of electrophilic sulfur/selenium. <i>Tetrahedron Letters</i> , 2019, 60, 150965.	0.7	11
20	Production enhancement of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) in Halogeometricum borinquense, characterization of the bioplastic and desalination of the bioreactor effluent. <i>Process Biochemistry</i> , 2020, 94, 243-257.	1.8	11
21	Benign One-pot Synthesis of Carbamo(dithioperoxo)thioate Compounds in Water Medium Using N-(Arylthio)phthalimides as the Electrophilic Sulfur Source. <i>ChemistrySelect</i> , 2018, 3, 11895-11897.	0.7	10
22	A solvent- and catalyst-free tandem reaction: synthesis, and photophysical and biological applications of isoindoloquinazolinones. <i>New Journal of Chemistry</i> , 2020, 44, 4324-4331.	1.4	7
23	One-pot two-step dithiocarbamylation of styrenes: metal-free stereoselective synthesis of styrenyl dithiocarbamates. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 3491-3494.	1.5	7
24	Silver-catalyzed carbon-selenium cross-coupling using N-(phenylseleno)phthalimide: an alternate approach to the synthesis of organoselenides. <i>Canadian Journal of Chemistry</i> , 2017, 95, 51-56.	0.6	6
25	C-C Cross-Coupling Reactions of Organosilanes with Terminal Alkenes and Allylic Acetates Using Pd Catalyst Supported on Starch Coated Magnetic Nanoparticles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 878-883.	1.2	5
26	Neat synthesis of fused pyrroles and its application to macrolactamization. <i>Synthetic Communications</i> , 2021, 51, 2377-2386.	1.1	4
27	Neat synthesis of isothiazole compounds, and studies on their synthetic applications and photophysical properties. <i>New Journal of Chemistry</i> , 2022, 46, 11685-11694.	1.4	3
28	A Convenient, Clean and Expeditious Synthesis of bis(heterocycl)methanes Over High Surface Area Zirconium Phosphate Catalyst in Water: A Green Approach. <i>Current Green Chemistry</i> , 2018, 5, 40-46.	0.7	1