Tanmay Chatterjee

List of Publications by Year
in descending order

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35	1,780	279798 23	395702 33
papers	citations	h-index	g-index

48	48	48	2335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlled Fluoroalkylation Reactions by Visible-Light Photoredox Catalysis. Accounts of Chemical Research, 2016, 49, 2284-2294.	15.6	391
2	Copper Nanoparticleâ€Catalyzed Carbonï£¿Carbon and Carbonï£¿Heteroatom Bond Formation with a Greener Perspective. ChemSusChem, 2012, 5, 22-44.	6.8	175
3	Synthesis of Carbazoles by a Merged Visible Light Photoredox and Palladium-Catalyzed Process. ACS Catalysis, 2015, 5, 4796-4802.	11.2	127
4	Reaction under Ball-Milling: Solvent-, Ligand-, and Metal-Free Synthesis of Unsymmetrical Diaryl Chalcogenides. Journal of Organic Chemistry, 2013, 78, 11110-11114.	3.2	84
5	Solvent-Controlled Halo-Selective Selenylation of Aryl Halides Catalyzed by Cu(II) Supported on Al₂O₃. A General Protocol for the Synthesis of Unsymmetrical Organo Mono- and Bis-Selenides. Journal of Organic Chemistry, 2013, 78, 7145-7153.	3.2	80
6	Transition metal-free procedure for the synthesis of S-aryl dithiocarbamates using aryl diazonium fluoroborate in water at room temperature. Green Chemistry, 2011, 13, 1837.	9.0	75
7	Synthesis of Substituted Oxazoles by Visible-Light Photocatalysis. Journal of Organic Chemistry, 2016, 81, 6995-7000.	3.2	68
8	Cu(II)-anchored functionalized mesoporous SBA-15: An efficient and recyclable catalyst for the one-pot Click reaction in water. Journal of Molecular Catalysis A, 2014, 386, 78-85.	4.8	64
9	Magnetically Separable CuFe₂O₄ Nanoparticles Catalyzed Ligandâ€Free Cï£¿S Coupling in Water: Access to (E)â€•and (Z)â€Styrenylâ€• Heteroaryl and Sterically Hindered Aryl Sulfides. Advanced Synthesis and Catalysis, 2013, 355, 2285-2296.	4.3	63
10	Visible-Light-Induced Synthesis of Carbazoles by in Situ Formation of Photosensitizing Intermediate. Organic Letters, 2017, 19, 1906-1909.	4.6	51
11	Copper(I) Hydroxyapatite Catalyzed Sonogashira Reaction of Alkynes with Styrenyl Bromides. Reaction of cis-Styrenyl Bromides Forming Unsymmetric Diynes. Journal of Organic Chemistry, 2012, 77, 9379-9383.	3.2	49
12	ZnO-Supported Pd Nanoparticle-Catalyzed Ligand- and Additive-Free Cyanation of Unactivated Aryl Halides Using K₄[Fe(CN)₆]. Journal of Organic Chemistry, 2014, 79, 5875-5879.	3.2	49
13	Base-Promoted Synthesis of 2-Aryl Quinazolines from 2-Aminobenzylamines in Water. Journal of Organic Chemistry, 2018, 83, 7423-7430.	3.2	46
14	Polymer anchored Cu(ii) complex: an efficient and recyclable catalytic system for the one-pot synthesis of 1,4-disubstituted 1,2,3-triazoles starting from anilines in water. Green Chemistry, 2013, 15, 2532.	9.0	45
15	Cu(<scp>ii</scp>) anchored nitrogen-rich covalent imine network (Cu^{II}-CIN-1): an efficient and recyclable heterogeneous catalyst for the synthesis of organoselenides from aryl boronic acids in a green solvent. RSC Advances, 2014, 4, 46075-46083.	3.6	43
16	Extended Study of Visible-Light-Induced Photocatalytic [4 + 2] Benzannulation: Synthesis of Polycyclic (Hetero)Aromatics. Journal of Organic Chemistry, 2017, 82, 4369-4378.	3.2	34
17	Ligand-Centered Redox in Nickel(II) Complexes of 2-(Arylazo)pyridine and Isolation of 2-Pyridyl-Substituted Triaryl Hydrazines via Catalytic N-Arylation of Azo-Function. Inorganic Chemistry, 2014, 53, 12002-12013.	4.0	33
18	Visible-light-induced regioselective synthesis of polyheteroaromatic compounds. Chemical Communications, 2016, 52, 4203-4206.	4.1	33

#	Article	IF	Citations
19	Aerobic oxidation of thiols to disulfides under ball-milling in the absence of any catalyst, solvent, or base. RSC Advances, 2013, 3, 10680.	3.6	30
20	An easy access to styrenes: trans aryl 1,3-, 1,4- and 1,5-dienes, and 1,3,5-trienes by Hiyama cross-coupling catalyzed by palladium nanoparticles. New Journal of Chemistry, 2011, 35, 1103.	2.8	26
21	Solvent selective phenyl selenylation and phenyl tellurylation of aryl boronic acids catalyzed by Cu(II) grafted functionalized polystyrene. Tetrahedron Letters, 2015, 56, 779-783.	1.4	26
22	Iodine-Catalyzed Methylthiolative Annulation of 2-Alkynyl Biaryls with DMSO: A Metal-Free Approach to 9-Sulfenylphenanthrenes. Journal of Organic Chemistry, 2021, 86, 7881-7890.	3.2	26
23	Iodine-catalyzed, highly atom-economic synthesis of 9-sulfenylphenanthrenes and polycyclic heteroaromatics in water. Green Chemistry, 2021, 23, 10006-10013.	9.0	26
24	Solvent-free transesterification in a ball-mill over alumina surface. Tetrahedron Letters, 2012, 53, 4142-4144.	1.4	22
25	Facile cyclization of 2-arylethynyl aniline to 4(1H)-cinnolones: a new chemodosimeter for nitrite ions. Tetrahedron Letters, 2011, 52, 461-464.	1.4	20
26	Polystyrene anchored ruthenium(II) complex catalyzed carbonylation of nitrobenzene and amines for the synthesis of disubstituted ureas. Journal of Organometallic Chemistry, 2014, 772-773, 152-160.	1.8	16
27	Simple Synthetic Method for the Functionalized Benzo[c]cinnolines. ChemistrySelect, 2018, 3, 2092-2095.	1.5	16
28	Synthesis of Organosulfur and Related Heterocycles under Mechanochemical Conditions. Journal of Organic Chemistry, 2021, 86, 13895-13910.	3.2	16
29	Oxidation and Oxidative Bromination Reactions Catalyzed By a Reusable Polymer-Anchored Iron(III) Complex in Water at Room Temperature. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 457-467.	3.7	12
30	Synthesis of cyclopenta-fused polycyclic aromatic hydrocarbons utilizing aryl-substituted anilines. Organic and Biomolecular Chemistry, 2016, 14, 6804-6810.	2.8	11
31	First Application of Heterogeneous Cobalt Catalysis in C_{sp2}â€“N Crossâ€Coupling of Activated Chloroarenes under Ligandâ€Free Conditions. European Journal of Organic Chemistry, 2015, 2015, 4018-4023.	2.4	10
32	Mechanistic insights into n-BuLi mediated phospha-Brook rearrangement. New Journal of Chemistry, 2019, 43, 9886-9890.	2.8	6
33	Transition metal- and solvent-free synthesis of unsymmetrical diaryl sulfides and selenides under ball-milling. Arkivoc, 2016, 2016, 53-61.	0.5	5
34	Synthesis of Bioactive Five- and Six-Membered Heterocycles Catalyzed by Heterogeneous Supported Metals. , 2015, , 7-43.		1
35	Transition-Metal-Free Synthetic Strategies for the Cross-Coupling Reactions in Water: A Green Approach. Current Green Chemistry, 2021, 8, 70-91.	1.1	1