

# Tanmay Chatterjee

## List of Publications by Year in descending order

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35  
papers

1,780  
citations

279798

23  
h-index

395702

33  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-Metal-Free Synthetic Strategies for the Cross-Coupling Reactions in Water: A Green Approach. <i>Current Green Chemistry</i> , 2021, 8, 70-91.	1.1	1
2	Iodine-Catalyzed Methylthiolative Annulation of 2-Alkynyl Biaryls with DMSO: A Metal-Free Approach to 9-Sulfonylphenanthrenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 7881-7890.	3.2	26
3	Synthesis of Organosulfur and Related Heterocycles under Mechanochemical Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 13895-13910.	3.2	16
4	Iodine-catalyzed, highly atom-economic synthesis of 9-sulfonylphenanthrenes and polycyclic heteroaromatics in water. <i>Green Chemistry</i> , 2021, 23, 10006-10013.	9.0	26
5	Mechanistic insights into <i>n</i> -BuLi mediated phospho-Brook rearrangement. <i>New Journal of Chemistry</i> , 2019, 43, 9886-9890.	2.8	6
6	Simple Synthetic Method for the Functionalized Benzo[ <i>c</i> ]cinnolines. <i>ChemistrySelect</i> , 2018, 3, 2092-2095.	1.5	16
7	Base-Promoted Synthesis of 2-Aryl Quinazolines from 2-Aminobenzylamines in Water. <i>Journal of Organic Chemistry</i> , 2018, 83, 7423-7430.	3.2	46
8	Extended Study of Visible-Light-Induced Photocatalytic [4 + 2] Benzannulation: Synthesis of Polycyclic (Hetero)Aromatics. <i>Journal of Organic Chemistry</i> , 2017, 82, 4369-4378.	3.2	34
9	Visible-Light-Induced Synthesis of Carbazoles by in Situ Formation of Photosensitizing Intermediate. <i>Organic Letters</i> , 2017, 19, 1906-1909.	4.6	51
10	Controlled Fluoroalkylation Reactions by Visible-Light Photoredox Catalysis. <i>Accounts of Chemical Research</i> , 2016, 49, 2284-2294.	15.6	391
11	Synthesis of cyclopenta-fused polycyclic aromatic hydrocarbons utilizing aryl-substituted anilines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6804-6810.	2.8	11
12	Synthesis of Substituted Oxazoles by Visible-Light Photocatalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 6995-7000.	3.2	68
13	Visible-light-induced regioselective synthesis of polyheteroaromatic compounds. <i>Chemical Communications</i> , 2016, 52, 4203-4206.	4.1	33
14	Transition metal- and solvent-free synthesis of unsymmetrical diaryl sulfides and selenides under ball-milling. <i>Arkivoc</i> , 2016, 2016, 53-61.	0.5	5
15	First Application of Heterogeneous Cobalt Catalysis in C <sub>sp2</sub> -N Cross-Coupling of Activated Chloroarenes under Ligand-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4018-4023.	2.4	10
16	Solvent selective phenyl selenylation and phenyl tellurylation of aryl boronic acids catalyzed by Cu(II) grafted functionalized polystyrene. <i>Tetrahedron Letters</i> , 2015, 56, 779-783.	1.4	26
17	Synthesis of Bioactive Five- and Six-Membered Heterocycles Catalyzed by Heterogeneous Supported Metals. , 2015, , 7-43.		1
18	Synthesis of Carbazoles by a Merged Visible Light Photoredox and Palladium-Catalyzed Process. <i>ACS Catalysis</i> , 2015, 5, 4796-4802.	11.2	127

#	ARTICLE	IF	CITATIONS
19	Oxidation and Oxidative Bromination Reactions Catalyzed By a Reusable Polymer-Anchored Iron(III) Complex in Water at Room Temperature. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 457-467.	3.7	12
20	Cu(II)-anchored functionalized mesoporous SBA-15: An efficient and recyclable catalyst for the one-pot Click reaction in water. <i>Journal of Molecular Catalysis A</i> , 2014, 386, 78-85.	4.8	64
21	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. <i>Inorganic Chemistry</i> , 2014, 53, 12002-12013.	4.0	33
22	Cu(II) 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. <i>RSC Advances</i> , 2014, 4, 46075-46083.	3.6	43
23	Polystyrene anchored ruthenium(II) complex catalyzed carbonylation of nitrobenzene and amines for the synthesis of disubstituted ureas. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 152-160.	1.8	16
24	ZnO-Supported Pd Nanoparticle-Catalyzed Ligand- and Additive-Free Cyanation of Unactivated Aryl Halides Using $K_4[Fe(CN)_6]$ . <i>Journal of Organic Chemistry</i> , 2014, 79, 5875-5879.	3.2	49
25	Magnetically Separable CuFe <sub>2</sub> O <sub>4</sub> Nanoparticles Catalyzed Ligand-Free C <sub>1</sub> S Coupling in Water: Access to <i>E</i> - and <i>Z</i> -Styrenyl, Heteroaryl and Sterically Hindered Aryl Sulfides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2285-2296.	4.3	63
26	Aerobic oxidation of thiols to disulfides under ball-milling in the absence of any catalyst, solvent, or base. <i>RSC Advances</i> , 2013, 3, 10680.	3.6	30
27	Solvent-Controlled Halo-Selective Selenylation of Aryl Halides Catalyzed by Cu(II) Supported on Al <sub>2</sub> O <sub>3</sub> . A General Protocol for the Synthesis of Unsymmetrical Organo Mono- and Bis-Selenides. <i>Journal of Organic Chemistry</i> , 2013, 78, 7145-7153.	3.2	80
28	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. <i>Green Chemistry</i> , 2013, 15, 2532.	9.0	45
29	Reaction under Ball-Milling: Solvent-, Ligand-, and Metal-Free Synthesis of Unsymmetrical Diaryl Chalcogenides. <i>Journal of Organic Chemistry</i> , 2013, 78, 11110-11114.	3.2	84
30	Copper(I) Hydroxyapatite Catalyzed Sonogashira Reaction of Alkynes with Styrenyl Bromides. Reaction of <i>cis</i> -Styrenyl Bromides Forming Unsymmetric Diynes. <i>Journal of Organic Chemistry</i> , 2012, 77, 9379-9383.	3.2	49
31	Solvent-free transesterification in a ball-mill over alumina surface. <i>Tetrahedron Letters</i> , 2012, 53, 4142-4144.	1.4	22
32	Copper Nanoparticle-Catalyzed Carbon-Carbon and Carbon-Heteroatom Bond Formation with a Greener Perspective. <i>ChemSusChem</i> , 2012, 5, 22-44.	6.8	175
33	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. <i>New Journal of Chemistry</i> , 2011, 35, 1103.	2.8	26
34	Transition metal-free procedure for the synthesis of S-aryl dithiocarbamates using aryl diazonium fluoroborate in water at room temperature. <i>Green Chemistry</i> , 2011, 13, 1837.	9.0	75
35	Facile cyclization of 2-arylethynyl aniline to 4(1H)-cinnolones: a new chemodosimeter for nitrite ions. <i>Tetrahedron Letters</i> , 2011, 52, 461-464.	1.4	20