Satyajit Saha

List of Publications by Year in descending order

26 papers	1,207 citations	516215 16 h-index	525886 27 g-index
35 all docs	35 docs citations	35 times ranked	1112 citing authors

#	Article	IF	Citations
1	Perspective on the rational design strategies of quinoxaline derived organic sensitizers for dye-sensitized solar cells (DSSC). Dyes and Pigments, 2022, 199, 110093.	2.0	18
2	Rationally designed TrÃ¶ger's base decorated bis-carbazoles as twisted solid-state emitting materials and dead bacterial cell imaging. New Journal of Chemistry, 2022, 46, 5730-5740.	1.4	3
3	Dehydrative Substitution Reaction in Water for the Preparation of Unsymmetrically Substituted Triarylmethanes: Synthesis, Aggregationâ€Enhanced Emission, and Mechanofluorochromism. ChemPlusChem, 2022, 87, .	1.3	2
4	Design and Development of Axially Chiral Bis(naphthofuran) Luminogens as Fluorescent Probes for Cell Imaging. Chemistry - A European Journal, 2021, 27, 5470-5482.	1.7	15
5	Troger's Base Derived Butterfly Shaped Contorted AIEgens for Dead Bacterial Cellâ€Imaging. ChemistrySelect, 2021, 6, 3737-3744.	0.7	2
6	Synthesis and Evaluation of Anticancer Activity of Pyrazolone Appended Triarylmethanes (TRAMs). ChemistrySelect, 2021, 6, 6230-6239.	0.7	28
7	Recent advances in the synthesis and reactivity of quinoxaline. Organic Chemistry Frontiers, 2021, 8, 2820-2862.	2.3	44
8	Rationally Designed Furocarbazoles as Multifunctional Aggregation Induced Emissive Luminogens for the Sensing of Trinitrophenol (TNP) and Cell Imaging. ChemPhotoChem, 2020, 4, 691-703.	1.5	11
9	TrÃ¶ger's base functionalized recyclable porous covalent organic polymer (COP) for dye adsorption from water. New Journal of Chemistry, 2020, 44, 12331-12342.	1.4	15
10	BrÃ¸nsted Acid Catalyzed Domino Synthesis of Functionalized 4Hâ€Chromens and Their ADMET, Molecular Docking and Antibacterial Studies. ChemistrySelect, 2019, 4, 7943-7948.	0.7	21
11	Solvent-Free, Mechanochemically Scalable Synthesis of 2,3-Dihydroquinazolin-4(1H)-one Using BrÃ¸nsted Acid Catalyst. ACS Sustainable Chemistry and Engineering, 2019, 7, 13551-13558.	3.2	47
12	Synthesis, Antimicrobial Screening and In Silico Appraisal of Iminocarbazole Derivatives. ChemistrySelect, 2019, 4, 9470-9475.	0.7	18
13	Advances in The Catalytic Synthesis of Triarylmethanes (TRAMs). European Journal of Organic Chemistry, 2019, 2019, 3818-3841.	1.2	54
14	In memory of Prof. Venkataraman: Recent advances in the synthetic methodologies of flavones. Tetrahedron, 2018, 74, 811-833.	1.0	50
15	Scope and advances in the catalytic propargylic substitution reaction. RSC Advances, 2018, 8, 31129-31193.	1.7	92
16	Environmentally Benign, Highly Efficient and Expeditious Solventâ€Free Synthesis of Trisubstituted Methanes Catalyzed by Sulfated Polyborate. ChemistrySelect, 2017, 2, 11693-11696.	0.7	30
17	BrÃ¸nsted Acidâ€Catalyzed, Highly Enantioselective Addition of Enamides to Inâ€…Situâ€Generated orthoâ€Quinone Methides: A Domino Approach to Complexâ€‰Acetamidotetrahydroxanthenes. Chemistry - A European Journal, 2015, 21, 2348-2352.	1.7	147
18	Directing Group Assisted Nucleophilic Substitution of Propargylic Alcohols via o-Quinone Methide Intermediates: BrÃ¸nsted Acid Catalyzed, Highly Enantio- and Diastereoselective Synthesis of 7-Alkynyl-12a-acetamido-Substituted Benzoxanthenes. Organic Letters, 2015, 17, 648-651.	2.4	166

#	Article	IF	Citations
19	Chiral BrÃ¸nsted acid-catalyzed Friedelâ€“Crafts alkylation of electron-rich arenes with in situ-generated ortho-quinone methides: highly enantioselective synthesis of diarylindolylmethanes and triarylmethanes. Chemical Communications, 2015, 51, 1461-1464.	2.2	205
20	Enantioselective Organocatalytic Biginelli Reaction: Dependence of the Catalyst on Sterics, Hydrogen Bonding, and Reinforced Chirality. Journal of Organic Chemistry, 2011, 76, 396-402.	1.7	92
21	C₃â€Symmetric Prolineâ€Functionalized Organocatalysts: Enantioselective Michael Addition Reactions. European Journal of Organic Chemistry, 2010, 2010, 6359-6365.	1.2	34
22	Highly enantioselective aldol reactions using N-arylprolinamides with enhanced acidity and double H-bonding potential. Tetrahedron Letters, 2010, 51, 912-916.	0.7	40
23	Functionalized proline with double hydrogen bonding potential: highly enantioselective Michael addition of carbonyl compounds to Î²-nitrostyrenes in brine. Tetrahedron Letters, 2010, 51, 5281-5286.	0.7	31
24	Highly Diastereoâ€•and Enantioselective Aldol Reactions in Common Organic Solvents Using Nâ€Arylprolinamides as Organocatalysts with Enhanced Acidity. European Journal of Organic Chemistry, 2009, 2009, 739-748.	1.2	12
25	Chemoselective Reduction of Some Condensates derived from Chromone-3-carbaldehyde using Sm and Zn. Synthetic Communications, 2008, 38, 2429-2436.	1.1	5
26	Intramolecular Oâ‹¯HÂ·Â·Â·O Hydrogen-Bond-Mediated Reversal in the Partitioning of Conformationally Restricted Triplet 1,4-Biradicals and Amplification of Diastereodifferentiation in Their Lifetimes. Journal of the American Chemical Society, 2008, 130, 13608-13617.	6.6	24