

Satyajit Saha

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,207
citations

516710

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526287

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35
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docs citations

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times ranked

1112
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral Brønsted acid-catalyzed Friedel-Crafts alkylation of electron-rich arenes with in situ-generated ortho-quinone methides: highly enantioselective synthesis of diarylindolylmethanes and triarylmethanes. <i>Chemical Communications</i> , 2015, 51, 1461-1464.	4.1	205
2	Directing Group Assisted Nucleophilic Substitution of Propargylic Alcohols via o-Quinone Methide Intermediates: Brønsted Acid Catalyzed, Highly Enantio- and Diastereoselective Synthesis of 7-Alkynyl-12a-acetamido-Substituted Benzoxanthenes. <i>Organic Letters</i> , 2015, 17, 648-651.	4.6	166
3	Brønsted Acid-Catalyzed, Highly Enantioselective Addition of Enamides to In Situ Generated ortho-Quinone Methides: A Domino Approach to Complex Acetamidotetrahydroxanthenes. <i>Chemistry - A European Journal</i> , 2015, 21, 2348-2352.	3.3	147
4	Enantioselective Organocatalytic Biginelli Reaction: Dependence of the Catalyst on Sterics, Hydrogen Bonding, and Reinforced Chirality. <i>Journal of Organic Chemistry</i> , 2011, 76, 396-402.	3.2	92
5	Scope and advances in the catalytic propargylic substitution reaction. <i>RSC Advances</i> , 2018, 8, 31129-31193.	3.6	92
6	Advances in The Catalytic Synthesis of Triarylmethanes (TRAMs). <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3818-3841.	2.4	54
7	In memory of Prof. Venkataraman: Recent advances in the synthetic methodologies of flavones. <i>Tetrahedron</i> , 2018, 74, 811-833.	1.9	50
8	Solvent-Free, Mechanochemically Scalable Synthesis of 2,3-Dihydroquinazolin-4(1H)-one Using Brønsted Acid Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13551-13558.	6.7	47
9	Recent advances in the synthesis and reactivity of quinoxaline. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2820-2862.	4.5	44
10	Highly enantioselective aldol reactions using N-arylprolinamides with enhanced acidity and double H-bonding potential. <i>Tetrahedron Letters</i> , 2010, 51, 912-916.	1.4	40
11	C ₃ -Symmetric Proline-Functionalized Organocatalysts: Enantioselective Michael Addition Reactions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6359-6365.	2.4	34
12	Functionalized proline with double hydrogen bonding potential: highly enantioselective Michael addition of carbonyl compounds to 2-nitrostyrenes in brine. <i>Tetrahedron Letters</i> , 2010, 51, 5281-5286.	1.4	31
13	Environmentally Benign, Highly Efficient and Expeditious Solvent-Free Synthesis of Trisubstituted Methanes Catalyzed by Sulfated Polyborate. <i>ChemistrySelect</i> , 2017, 2, 11693-11696.	1.5	30
14	Synthesis and Evaluation of Anticancer Activity of Pyrazolone Appended Triarylmethanes (TRAMs). <i>ChemistrySelect</i> , 2021, 6, 6230-6239.	1.5	28
15	Intramolecular O [•] H...O Hydrogen-Bond-Mediated Reversal in the Partitioning of Conformationally Restricted Triplet 1,4-Biradicals and Amplification of Diastereodifferentiation in Their Lifetimes. <i>Journal of the American Chemical Society</i> , 2008, 130, 13608-13617.	13.7	24
16	Brønsted Acid Catalyzed Domino Synthesis of Functionalized 4H-Chromens and Their ADMET, Molecular Docking and Antibacterial Studies. <i>ChemistrySelect</i> , 2019, 4, 7943-7948.	1.5	21
17	Synthesis, Antimicrobial Screening and In Silico Appraisal of Iminocarbazole Derivatives. <i>ChemistrySelect</i> , 2019, 4, 9470-9475.	1.5	18
18	Perspective on the rational design strategies of quinoxaline derived organic sensitizers for dye-sensitized solar cells (DSSC). <i>Dyes and Pigments</i> , 2022, 199, 110093.	3.7	18

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19	Tröger's base functionalized recyclable porous covalent organic polymer (COP) for dye adsorption from water. <i>New Journal of Chemistry</i> , 2020, 44, 12331-12342.	2.8	15
20	Design and Development of Axially Chiral Bis(naphthofuran) Luminogens as Fluorescent Probes for Cell Imaging. <i>Chemistry - A European Journal</i> , 2021, 27, 5470-5482.	3.3	15
21	Highly Diastereo- and Enantioselective Aldol Reactions in Common Organic Solvents Using <i>N</i> -Arylprolinamides as Organocatalysts with Enhanced Acidity. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 739-748.	2.4	12
22	Rationally Designed Furocarbazoles as Multifunctional Aggregation Induced Emissive Luminogens for the Sensing of Trinitrophenol (TNP) and Cell Imaging. <i>ChemPhotoChem</i> , 2020, 4, 691-703.	3.0	11
23	Chemoselective Reduction of Some Condensates derived from Chromone-3-carbaldehyde using Sm and Zn. <i>Synthetic Communications</i> , 2008, 38, 2429-2436.	2.1	5
24	Rationally designed Tröger's base decorated bis-carbazoles as twisted solid-state emitting materials and dead bacterial cell imaging. <i>New Journal of Chemistry</i> , 2022, 46, 5730-5740.	2.8	3
25	Troger's Base Derived Butterfly Shaped Contorted AIEgens for Dead Bacterial Cell Imaging. <i>ChemistrySelect</i> , 2021, 6, 3737-3744.	1.5	2
26	Dehydrative Substitution Reaction in Water for the Preparation of Unsymmetrically Substituted Triarylmethanes: Synthesis, Aggregation-Enhanced Emission, and Mechanofluorochromism. <i>ChemPlusChem</i> , 2022, 87, .	2.8	2