Mohammad Saifuddin

List of Publications by Year
in descending order

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24	582	567144 15	642610 23
papers	citations	h-index	g-index

35	35	35	664
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gold-Catalyzed Sequential Alkyne Activation: One-Pot Synthesis of NH-Carbazoles via Cascade Hydroarylation of Alkyne/6-Endo-Dig Carbocyclization Reactions. Journal of Organic Chemistry, 2013, 78, 6769-6774.	1.7	79
2	Biocatalytic Asymmetric Michael Additions of Nitromethane to Î±,Î²-Unsaturated Aldehydes via Enzyme-bound Iminium Ion Intermediates. ACS Catalysis, 2019, 9, 4369-4373.	5.5	58
3	One-Pot Zn/CuI/TFA-Catalyzed Domino Three-Componentâ€“Carbocyclization Reaction Involving Biphenyl-2-carbaldehydes/Alkynes/Piperidine: Allenes-Mediated Construction of Phenanthrenes. Journal of Organic Chemistry, 2011, 76, 10122-10128.	1.7	46
4	Chemoenzymatic asymmetric synthesis of the metallo-Î²-lactamase inhibitor aspergillomarasmine A and related aminocarboxylic acids. Nature Catalysis, 2018, 1, 186-191.	16.1	42
5	A new entry to phenanthridine ring systems via sequential application of Suzuki and the modified Pictetâ€“Spengler reactions. Organic and Biomolecular Chemistry, 2009, 7, 2796.	1.5	40
6	A diversity-oriented approach to indolocarbazoles via Fischer indolization and olefin metathesis: total synthesis of tjipanazole D and I. Organic and Biomolecular Chemistry, 2016, 14, 9868-9873.	1.5	39
7	Three-component reaction involving metal-free heteroannulation of N-Boc-3-amido indole, aryl aldehydes, and aromatic alkynes under microwave conditions: synthesis of highly diversified Î´-carbolines. Tetrahedron Letters, 2010, 51, 6022-6024.	0.7	33
8	Three component tandem reactions involving protected 2-amino indoles, disubstituted propargyl alcohols, and I2/ICl: iodo-reactant controlled synthesis of dihydro-Î±-carbolines and Î±-carbolines via iodo-cyclization/iodo-cycloelimination. Tetrahedron Letters, 2011, 52, 65-68.	0.7	33
9	Pictet-Spengler Reaction Revisited: Engineering of Tetherd Biheterocycles into Annulated Polyheterocycles. Current Organic Synthesis, 2012, 9, 357-376.	0.7	24
10	Threeâ€Component Tandemâ€Intramolecular Hydroamination Reactions in One Pot Involving Indoles, 2â€Aminobenzyl Alcohols, and 2â€Alkynylbenzaldehydes: Consecutive 7â€endoâ€trig and Electrophilic 6â€endoâ€dig Cyclizations. European Journal of Organic Chemistry, 2013, 2013, 3797-3806.	1.2	21
11	Waterâ€Accelerated Cationic Ïâ€(7â€endo) Cyclisation: Application to Indoleâ€Based Periâ€Annulated Polyheterocycles. European Journal of Organic Chemistry, 2010, 2010, 5108-5117.	1.2	20
12	Hydro-amination/-amidation of 1,3-diynes with indoles/azoles/amides under modified Ullmann conditions: stereo- and regio-selective synthesis of N-alkenynes via Nâ€“H bond activation. Tetrahedron Letters, 2011, 52, 5752-5757.	0.7	20
13	Diversity-oriented approach to natural product inspired pyrano-carbazole derivatives: strategic utilization of hetero-Dielsâ€“Alder reaction, Fischer indolization and the Suzukiâ€“Miyaura cross-coupling reaction. Tetrahedron, 2015, 71, 9003-9011.	1.0	18
14	Biocatalytic Asymmetric Cyclopropanations via Enzymeâ€Bound Iminium Ion Intermediates. Angewandte Chemie - International Edition, 2021, 60, 24059-24063.	7.2	18
15	Enantioselective Aldol Addition of Acetaldehyde to Aromatic Aldehydes Catalyzed by Proline-Based Carboligases. ACS Catalysis, 2020, 10, 2522-2527.	5.5	17
16	A Sequential One-Pot Protocol for the Synthesis of Dihydrobenzo[6,7]indolo-[3â€²,4â€²:3,4,5]azepino[2,1-a]isoquinolines Using a Gold-Silver Combined Catalyst. Synthesis, 2013, 45, 1553-1563.	1.2	15
17	Regioselective intramolecular electrophilic substitution reactions involving Ïâ€deficient pyridine substrates: a new entry to pyridoquinazolines and benzo[h][1,6]naphthyridines. Tetrahedron, 2010, 66, 862-870.	1.0	11
18	Spiro annulation of cage polycycles via Grignard reaction and ring-closing metathesis as key steps. Beilstein Journal of Organic Chemistry, 2015, 11, 1367-1372.	1.3	10

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19	Rapid chemoenzymatic route to glutamate transporter inhibitor<scp>l</scp>-TFB-TBOA and related amino acids. Organic and Biomolecular Chemistry, 2017, 15, 2341-2344.	1.5	10
20	Biocatalytic Asymmetric Cyclopropanations via Enzymeâ€Bound Iminium Ion Intermediates. Angewandte Chemie, 2021, 133, 24261-24265.	1.6	10
21	Engineering of indole-based tethered biheterocyclic alkaloid meridianin into Î²-carboline-derived tetracyclic polyheterocycles via amino functionalization/6-endo cationic Ï€-cyclization. Beilstein Journal of Organic Chemistry, 2012, 8, 1901-1908.	1.3	8
22	Selective Colorimetric â€œTurn-Onâ€•Probe for Efficient Engineering of Iminium Biocatalysis. ACS Omega, 2020, 5, 2397-2405.	1.6	8
23	Enantiocomplementary Michael Additions of Acetaldehyde to Aliphatic Nitroalkenes Catalyzed by Prolineâ€Based Carboligases. ChemBioChem, 2022, , .	1.3	2
24	Diversity-Oriented Approach to 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid (Tic) Derivatives. Heterocycles, 2016, 93, 185.	0.4	0