# 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 | Enantiocomplementary Michael Additions of Acetaldehyde to Aliphatic Nitroalkenes Catalyzed by Prolineâ€Based Carboligases. ChemBioChem, 2022, , . | 1.3 | 2 |
| 2 | Biocatalytic Asymmetric Cyclopropanations via Enzymeâ€Bound Iminium Ion Intermediates. Angewandte Chemie, 2021, 133, 24261-24265. | 1.6 | 10 |
| 3 | Biocatalytic Asymmetric Cyclopropanations via Enzymeâ€Bound Iminium Ion Intermediates. Angewandte Chemie - International Edition, 2021, 60, 24059-24063. | 7.2 | 18 |
| 4 | Enantioselective Aldol Addition of Acetaldehyde to Aromatic Aldehydes Catalyzed by Proline-Based Carboligases. ACS Catalysis, 2020, 10, 2522-2527. | 5.5 | 17 |
| 5 | Selective Colorimetric â€œTurn-Onâ€•Probe for Efficient Engineering of Iminium Biocatalysis. ACS Omega, 2020, 5, 2397-2405. | 1.6 | 8 |
| 6 | 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 |
| 7 | Chemoenzymatic asymmetric synthesis of the metallo-Î²-lactamase inhibitor aspergillomarasmine A and related aminocarboxylic acids. Nature Catalysis, 2018, 1, 186-191. | 16.1 | 42 |
| 8 | 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 |
| 9 | 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 |
| 10 | Diversity-Oriented Approach to 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid (Tic) Derivatives. Heterocycles, 2016, 93, 185. | 0.4 | 0 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Pictet-Spengler Reaction Revisited: Engineering of Tetherd Biheterocycles into Annulated Polyheterocycles. Current Organic Synthesis, 2012, 9, 357-376. | 0.7 | 24 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Regioselective intramolecular electrophilic substitution reactions involving Ï€-deficient pyridine substrates: a new entry to pyridoquinazolines and benzo[h][1,6]naphthyridines. Tetrahedron, 2010, 66, 862-870. | 1.0 | 11 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |