

Rakeshwar Bandichhor

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

309
citations

11
h-index

15
g-index

43
ext. papers

356
ext. citations

2.6
avg, IF

2.8
L-index

#	Paper	IF	Citations
32	Iron triflate catalyzed reductive amination of aldehydes using sodium borohydride. <i>Tetrahedron Letters</i> , 2012 , 53, 4354-4356	2	32
31	An Improved Synthesis of Rimonabant: Anti-Obesity Drug. <i>Organic Process Research and Development</i> , 2007 , 11, 910-912	3.9	31
30	Amide activation by TMSCl: reduction of amides to amines by LiAlH ₄ under mild conditions. <i>Tetrahedron Letters</i> , 2013 , 54, 4908-4913	2	27
29	Practical, asymmetric route to sitagliptin and derivatives: development and origin of diastereoselectivity. <i>Organic Letters</i> , 2015 , 17, 1742-5	6.2	16
28	Development of RP UPLC-TOF/MS, stability indicating method for omeprazole and its related substances by applying two level factorial design; and identification and synthesis of non-pharmacopoeial impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 118, 370-379	3.5	16
27	Alternative Total Synthesis of (±)-Galanthamine Hydrobromide. <i>Synthetic Communications</i> , 2008 , 38, 2138-2149	2.149	16
26	Zinc triflate catalyzed acylation of alcohols, phenols, and thiophenols. <i>Tetrahedron Letters</i> , 2014 , 55, 910-912	2	13
25	An efficient synthesis for eslicarbazepine acetate, oxcarbazepine, and carbamazepine. <i>Tetrahedron Letters</i> , 2013 , 54, 2841-2844	2	13
24	Alternative spiroketalization methods toward purpuromycin: a hemiketal conjugate addition strategy and use of an electron-rich isocoumarin precursor. <i>Journal of Organic Chemistry</i> , 2011 , 76, 6475-6487	4.37	13
23	An efficient synthesis of dexlansoprazole employing asymmetric oxidation strategy. <i>Tetrahedron Letters</i> , 2011 , 52, 5464-5466	2	12
22	An alternate synthesis of levetiracetam. <i>Green Chemistry Letters and Reviews</i> , 2010 , 3, 225-230	4.7	12
21	Asymmetric Synthesis of (S,S,S)-2-Aza-bicyclo-[3.3.0]-octane-3-carboxylic Acid Benzyl Ester: Formal Synthesis of Ramipril. <i>Synthetic Communications</i> , 2011 , 41, 1186-1191	1.7	10
20	A convergent approach to the synthesis of aprepitant: a potent human NK-1 receptor antagonist. <i>Tetrahedron Letters</i> , 2007 , 48, 8001-8004	2	10
19	Synthesis of Quinoline Analogs: Search for Antimalarial Agents. <i>Monatshefte Für Chemie</i> , 2008 , 139, 179-184	1.4	10
18	The stereoselective total synthesis of (±)-achaetolide. <i>Tetrahedron: Asymmetry</i> , 2012 , 23, 547-553		9
17	Synthesis and Optimization of Canagliflozin by Employing Quality by Design (QbD) Principles. <i>Organic Process Research and Development</i> , 2018 , 22, 27-39	3.9	8
16	Diastereoselective synthesis of a core fragment of ritonavir and lopinavir. <i>Tetrahedron Letters</i> , 2011 , 52, 6968-6970	2	7

15	Effect of Solvent on Stereoselectivity in Pd/C (Type 39K)-Catalyzed Hydrogenation of Methyl 3-Oxo-4-aza-5-androstene-17-carboxylate, A Key Intermediate for Finasteride and Dutasteride#. <i>Organic Process Research and Development</i> , 2007 , 11, 889-891	3.9	7
14	First stereoselective total synthesis of panaxjapyne C. <i>Tetrahedron Letters</i> , 2012 , 53, 3703-3705	2	6
13	Novel Approach to the Synthesis of Omeprazole: An Antipeptic Ulcer Agent. <i>Synthetic Communications</i> , 2010 , 40, 2983-2987	1.7	6
12	Synthesis of rimonabant regioisomer. <i>Monatshefte Für Chemie</i> , 2008 , 139, 1091-1093	1.4	5
11	A simple and efficient synthesis of goniotallesdiol A. <i>Tetrahedron: Asymmetry</i> , 2012 , 23, 659-661		4
10	Improved Process for Paroxetine Hydrochloride Substantially Free from Potential Impurities. <i>Synthetic Communications</i> , 2012 , 42, 3344-3360	1.7	4
9	Synthesis of All Enantiomerically Pure Diastereomers of Aprepitant. <i>Synthetic Communications</i> , 2010 , 40, 2254-2268	1.7	4
8	Alternative Synthesis of Tadalafil: PDE5 Inhibitor. <i>Synthetic Communications</i> , 2008 , 38, 4265-4271	1.7	4
7	Synthesis of (R)-3-(tert-Butoxycarbonylamino)-4-(2,4,5-trifluorophenyl)butanoic Acid, a Key Intermediate, and the Formal Synthesis of Sitagliptin Phosphate. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1605-1608	4.5	3
6	Enantioselective Grignard addition to nitroolefin. <i>Tetrahedron Letters</i> , 2013 , 54, 3911-3915	2	3
5	Synthesis and Characterization of Potential Related Substances of the Antiplatelet Agent Clopidogrel Bisulfate. <i>ChemistrySelect</i> , 2018 , 3, 100-104	1.8	2
4	Efficient and Convenient Synthetic Routes for Sitagliptin Impurities. <i>ChemistrySelect</i> , 2018 , 3, 2723-2729	1.8	2
3	Stereoselective Synthesis for Potential Isomers of Ticagrelor Key Starting Material. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 2866-2872	1.9	2
2	New Synthesis of Simvastatin. <i>Synthetic Communications</i> , 2008 , 38, 4452-4459	1.7	2
1	Efficient Route to Canagliflozin via Anhydroketopyranose.. <i>Organic Letters</i> , 2022 , 24, 3450-3454	6.2	0