

Padmanabha V Kattamuri

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

330
citations

1040056

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all docs

20
docs citations

20
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Singly and Doubly Electrophilic Aminating Agents: A New, More Sustainable Platform for Carbon–Nitrogen Bond Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 11184-11196.	13.7	60
2	Asymmetric catalytic Mannich-type reaction of hydrazones with difluoroenoxy silanes using imidazoline-anchored phosphine ligand–zinc(ii) complexes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2509.	2.8	57
3	Hydrogenation of Alkenes via Cooperative Hydrogen Atom Transfer. <i>Journal of the American Chemical Society</i> , 2020, 142, 19316-19326.	13.7	44
4	Asymmetric Synthesis of $\hat{\pm}$ -Amino-1,3-dithianes via Chiral <i>N</i> -Phosphonyl Imine-Based Umpolung Reaction Without Using Chromatography and Recrystallization. <i>Journal of Organic Chemistry</i> , 2011, 76, 2792-2797.	3.2	40
5	Enantioselective Catalytic Allylation of Acyclic Ketiminoesters: Synthesis of $\hat{\pm}$ -Fully-Substituted Amino Esters. <i>Organic Letters</i> , 2019, 21, 9208-9211.	4.6	31
6	Cooperative Hydrogen Atom Transfer: From Theory to Applications. <i>Synlett</i> , 2021, 32, 1179-1186.	1.8	19
7	Chiral <i>N</i> -phosphonyl imine chemistry: asymmetric additions of glycine enolate to diphenyl diamine-based phosphonyl imines. <i>Science China Chemistry</i> , 2010, 53, 125-129.	8.2	17
8	Approach to Vicinal <i>trans</i> -Boc-amino Dibromides via Catalytic Aminobromination of Nitrostyrenes without Using Chromatography and Recrystallization. <i>Journal of Organic Chemistry</i> , 2013, 78, 1171-1175.	3.2	17
9	<i>N,N</i> -Diisopropyl- <i>N</i> -phosphonyl imines lead to efficient asymmetric synthesis of aziridine-2-carboxylic esters. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3400.	2.8	16
10	Synthesis of Structurally Diverse 3-, 4-, 5-, and 6-Membered Heterocycles from Diisopropyl Iminomalonates and Soft <i>C</i> -Nucleophiles. <i>Journal of Organic Chemistry</i> , 2019, 84, 7066-7099.	3.2	10
11	<i>Aza</i> -Quasi-Favorskii Reaction: Construction of Highly Substituted Aziridines through a Concerted Multibond Rearrangement Process. <i>Journal of the American Chemical Society</i> , 2022, 144, 10943-10949.	13.7	9
12	Arylboronic Acid-Catalyzed <i>C</i> -Allylation of Unprotected Oximes: Total Synthesis of <i>N</i> -Me-Euphoccine. <i>Organic Letters</i> , 2020, 22, 2486-2489.	4.6	6
13	Asymmetric synthesis of novel <i>N</i> -(1-phenyl-2,3-dihydroxypropyl)arachidonylamides and evaluation of their anti-inflammatory activity. <i>Life Sciences</i> , 2013, 92, 506-511.	4.3	1