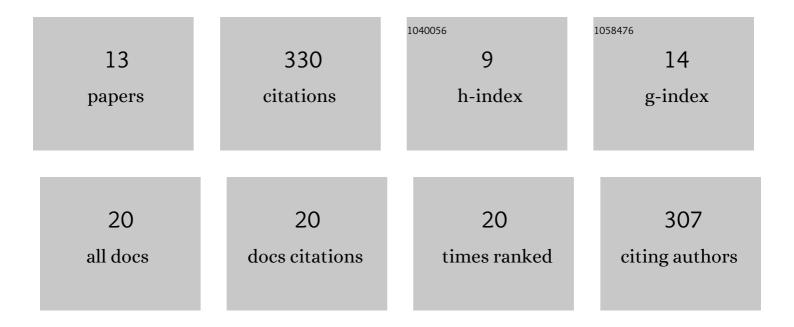
## Padmanabha V Kattamuri

List of Publications by Year in descending order

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