

Vinayak Vishnu Pagar

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

986
citations

623734

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h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold-Catalyzed Formal [3 + 3] and [4 + 2] Cycloaddition Reactions of Nitrosobenzenes with Alkenylgold Carbenoids. <i>Journal of the American Chemical Society</i> , 2011, 133, 20728-20731.	13.7	177
2	Development of a Povarov Reaction/Carbene Generation Sequence for Alkenyldiazocarbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11809-11813.	13.8	121
3	Gold-Catalyzed Cycloaddition Reactions of Ethyl Diazoacetate, Nitrosoarenes, and Vinyl diazo Carbonyl Compounds: Synthesis of Isoxazolidine and Benzo[<i>b</i>]azepine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4923-4926.	13.8	110
4	Tandem catalysis for asymmetric coupling of ethylene and enynes to functionalized cyclobutanes. <i>Science</i> , 2018, 361, 68-72.	12.6	100
5	Catalytic Enantioselective Hetero-dimerization of Acrylates and 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2017, 139, 18034-18043.	13.7	96
6	Catalytic Enantioselective Synthesis of Cyclobutenes from Alkynes and Alkenyl Derivatives. <i>Journal of the American Chemical Society</i> , 2019, 141, 15367-15377.	13.7	83
7	Zinc(II)-Catalyzed Intermolecular Hydrative Aldol Reactions of α -Cyanamides with Aldehydes and Water to form Branched Aldol Products Regio- and Stereoselectively. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3812-3816.	13.8	45
8	A New Paradigm in Enantioselective Cobalt Catalysis: Cationic Cobalt(I) Catalysts for Heterodimerization, Cycloaddition, and Hydrofunctionalization Reactions of Olefins. <i>Accounts of Chemical Research</i> , 2021, 54, 4545-4564.	15.6	44
9	Gold-Catalyzed Reactions between Alkenyldiazo Carbonyl Species and Acetals. <i>Journal of Organic Chemistry</i> , 2013, 78, 5711-5716.	3.2	37
10	Gold-catalyzed β -furylations of quinoline N-oxides with alkenyldiazo carbonyl species. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6166-6169.	2.8	30
11	Identification of a nanomolar affinity β -synuclein fibril imaging probe by ultra-high throughput <i>in silico</i> screening. <i>Chemical Science</i> , 2020, 11, 12746-12754.	7.4	30
12	Gold-Catalyzed Oxa-Povarov Reactions for the Synthesis of Highly Substituted Dihydrobenzopyrans from Diaryloxymethylarenes and Olefins. <i>Chemistry - A European Journal</i> , 2014, 20, 10519-10526.	3.3	14