

Qian Yao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3929758/publications.pdf>

Version: 2024-02-01

17
papers

457
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Synthesis of Chiral Trisubstituted 1,2-Allenyl Ketones by Catalytic Asymmetric Conjugate Addition of Malonic Esters to Enynes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1859-1863.	13.8	104
2	Diastereodivergent asymmetric Michael-alkylation reactions using chiral $\text{N}(\text{O})_2$ -dioxide/metal complexes. <i>Chemical Science</i> , 2018, 9, 688-692.	7.4	43
3	Catalytic Michael/Ring Closure Reaction of E^2 -Unsaturated Pyrazoleamides with Amidomalونات: Asymmetric Synthesis of ($\hat{\alpha}$)-Paroxetine. <i>Chemistry - A European Journal</i> , 2016, 22, 15119-15124.	3.3	39
4	Enantioselective [2+2] Photocycloaddition Reactions of Enones and Olefins with Visible Light Mediated by $\text{N}(\text{O})_2$ -Dioxide-Metal Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 19361-19367.	3.3	38
5	Kinetic Resolution of Oxaziridines via Chiral Bifunctional Guanidine-Catalyzed Enantioselective E^2 -Hydroxylation of E^2 -Keto Esters. <i>Organic Letters</i> , 2016, 18, 3602-3605.	4.6	37
6	Effect of free ammonium and free nitrous acid on the activity, aggregate morphology and extracellular polymeric substance distribution of ammonium oxidizing bacteria in partial nitrification. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 319-326.	2.2	33
7	Catalytic Asymmetric Epoxidation of Electron-Deficient Enynes Promoted by Chiral $\text{N}(\text{O})_2$ -Dioxide-Scandium(III) Complex. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3454-3459.	4.3	22
8	Lewis acid catalyzed asymmetric [4+2] cycloaddition of cyclobutenones to synthesize E^2 -unsaturated E^2 -lactones. <i>Chemical Communications</i> , 2018, 54, 3375-3378.	4.1	20
9	Efficient Synthesis of Chiral Trisubstituted 1,2-Allenyl Ketones by Catalytic Asymmetric Conjugate Addition of Malonic Esters to Enynes. <i>Angewandte Chemie</i> , 2016, 128, 1891-1895.	2.0	19
10	Catalytic enantioselective ene-type reactions of vinylogous hydrazone: construction of E^2 -methylene- E^2 -butyrolactone derivatives. <i>Chemical Communications</i> , 2018, 54, 12511-12514.	4.1	19
11	Fate of oxalic-acid-intervened arsenic during Fe(II)-induced transformation of As(V)-bearing jarosite. <i>Science of the Total Environment</i> , 2020, 719, 137311.	8.0	18
12	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. <i>Scientific Reports</i> , 2015, 5, 15540.	3.3	16
13	Enantioselective Synthesis of 4-Hydroxy-dihydrocoumarins via Catalytic Ring Opening/Cycloaddition of Cyclobutenones. <i>Organic Letters</i> , 2019, 21, 2388-2392.	4.6	16
14	Bimetallic Bi-Sn microspheres as high initial coulombic efficiency and long lifespan anodes for sodium-ion batteries. <i>Chemical Communications</i> , 2022, 58, 5140-5143.	4.1	15
15	The asymmetric synthesis of multisubstituted diquinanes via the domino reaction of electron-deficient enynes. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2012-2015.	4.5	9
16	Calculation of the rate constants for concerted elimination reaction class of hydroperoxyl-alkyl-peroxyl radicals. <i>Theoretical Chemistry Accounts</i> , 2017, 136, 1.	1.4	6
17	Drug-Target Interaction Prediction Based on Multi-Similarity Fusion and Sparse Dual-Graph Regularized Matrix Factorization. <i>IEEE Access</i> , 2021, 9, 99718-99730.	4.2	3