Ting Qi

List of Publications by Year in descending order

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26 papers	528 citations	687363 13 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	539 citing authors

#	Article	IF	Citations
1	Performance of Dimethyl Sulfoxide and BrÃ¸nsted Acid Catalysts in Fructose Conversion to 5-Hydroxymethylfurfural. ACS Catalysis, 2017, 7, 2199-2212.	11.2	100
2	Remote C(sp³)â^'H Acylation of Amides and Cascade Cyclization via Nâ€Heterocyclic Carbene Organocatalysis. Angewandte Chemie - International Edition, 2022, 61, .	13.8	45
3	General low-temperature reaction pathway from precursors to monomers before nucleation of compound semiconductor nanocrystals. Nature Communications, 2016, 7, 12223.	12.8	44
4	Suzuki-type cross-coupling of alkyl trifluoroborates with acid fluoride enabled by NHC/photoredox dual catalysis. Chemical Science, 2022, 13, 2584-2590.	7.4	42
5	Promotion catalytic role of ethanol on BrÃ¸nsted acid for the sequential dehydration-etherification of fructose to 5-ethoxymethylfurfural. Journal of Catalysis, 2017, 352, 586-598.	6.2	40
6	Adjusting the acidity of sulfonated organocatalyst for the one-pot production of 5-ethoxymethylfurfural from fructose. Catalysis Science and Technology, 2019, 9, 483-492.	4.1	28
7	Cooperative Catalytic Performance of Lewis and BrÃ¸nsted Acids from AlCl₃ Salt in Aqueous Solution toward Glucose-to-Fructose Isomerization. Journal of Physical Chemistry C, 2019, 123, 4879-4891.	3.1	28
8	Radical Acylalkylation of 1,3-Enynes To Access Allenic Ketones via N-Heterocyclic Carbene Organocatalysis. Journal of Organic Chemistry, 2022, 87, 5229-5241.	3.2	27
9	Lewis Acid/BrÃ¸nsted Base-Assisted Palladium Catalysis: Stereoselective Construction of Skeletally Diverse Spiro-Ketolactams from Vinylethylene Carbonates. ACS Catalysis, 2021, 11, 10148-10158.	11.2	26
10	Diastereoselective [3 + 1] Cyclization Reaction of Oxindolyl Azaoxyallyl Cations with Sulfur Ylides: Assembly of 3,3â€²-Spiro[Î²-lactam]-oxindoles. Organic Letters, 2021, 23, 1451-1456.	4.6	25
11	Synergistic Catalytic Mechanism of Acidic Silanol and Basic Alkylamine Bifunctional Groups Over SBA-15 Zeolite toward Aldol Condensation. Journal of Physical Chemistry C, 2019, 123, 4903-4913.	3.1	20
12	Catalytic mechanisms of oxygen-containing groups over vanadium active sites in an Al-MCM-41 framework for production of 2,5-diformylfuran from 5-hydroxymethylfurfural. Catalysis Science and Technology, 2020, 10, 278-290.	4.1	15
13	Performance of edges on carbon for the catalytic hydroxylation of benzene to phenol. Catalysis Science and Technology, 2018, 8, 176-186.	4.1	13
14	The design and catalytic performance of molybdenum active sites on an MCM-41 framework for the aerobic oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran. Catalysis Science and Technology, 2019, 9, 811-821.	4.1	13
15	Ironâ€“Cobalt Phosphomolybdate with High Electrocatalytic Activity for Oxygen Evolution Reaction. Chemistry - an Asian Journal, 2017, 12, 2694-2702.	3.3	11
16	Mechanistic study of cellobiose conversion to 5-hydroxymethylfurfural catalyzed by a BrÃ¸nsted acid with counteranions in an aqueous solution. Physical Chemistry Chemical Physics, 2020, 22, 9349-9361.	2.8	11
17	Molecular mechanism comparison of decarbonylation with deoxygenation and hydrogenation of 5-hydroxymethylfurfural catalyzed by palladium acetate. Physical Chemistry Chemical Physics, 2019, 21, 3795-3804.	2.8	8
18	Insights into the Mechanistic Role of Diphenylphosphine Selenide, Diphenylphosphine, and Primary Amines in the Formation of CdSe Monomers. Journal of Physical Chemistry A, 2016, 120, 918-931.	2.5	7

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19	Highly Chemoselective [2+1] Annulation of Î±-Alkylidene Pyrazolones with Î±-Bromonitroalkenes: Synthesis of Pyrazolone-Based Vinylcyclopropanes and Computational Studies. Journal of Organic Chemistry, 2021, 86, 2582-2592.	3.2	5
20	Theoretical Insights into the Cooperative Catalytic Mechanism of a PW-Containing Keggin Heteropolyacid Anion and Ethanol toward Conversion of Fructose into 5-Ethoxymethylfurfural in Ethanol Solution. ACS Sustainable Chemistry and Engineering, 2021, 9, 14789-14799.	6.7	5
21	Remote C(sp³)â˜H Acylation of Amides and Cascade Cyclization via Nâ€Heterocyclic Carbene Organocatalysis. Angewandte Chemie, 2022, 134, .	2.0	5
22	Cooperative interaction of sodium and chlorine ions with Î²-cellobiose in aqueous solution from quantum mechanics and molecular dynamics. Cellulose, 2020, 27, 6793-6809.	4.9	3
23	Theoretical insight into the origins of chemo- and diastereo-selectivity in the palladium-catalysed (3 +) Tj ETQq1 1 0.784314 rgBT /Overl	4.5	3
24	Regular patterns of the effects of hydrogen-containing additives on the formation of CdSe monomer. Physical Chemistry Chemical Physics, 2018, 20, 20863-20873.	2.8	1
25	Theoretical study on molecular mechanism of aerobic oxidation of 5-hydroxymethylfurfural to 2,5-diformyfuran catalyzed by VO2+ with counterpart anion in N,N-dimethylacetamide solution. RSC Advances, 2021, 11, 39888-39895.	3.6	1
26	Titelbild: Remote C(sp³)â˜H Acylation of Amides and Cascade Cyclization via Nâ€Heterocyclic Carbene Organocatalysis (Angew. Chem. 15/2022). Angewandte Chemie, 2022, 134, .	2.0	0