Ting Qi

List of Publications by Year
in descending order

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	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
2	Remote C(sp³)â˘'H Acylation of Amides and Cascade Cyclization via Nâ€Heterocyclic Carbene Organocatalysis. Angewandte Chemie, 2022, 134, .	2.0	5
3	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
4	Radical Acylalkylation of 1,3-Enynes To Access Allenic Ketones via <i>N</i>-Heterocyclic Carbene Organocatalysis. Journal of Organic Chemistry, 2022, 87, 5229-5241.	3.2	27
5	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
6	Theoretical insight into the origins of chemo- and diastereo-selectivity in the palladium-catalysed (3 +) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.5	3
7	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
8	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
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	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
11	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
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	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	Performance of edges on carbon for the catalytic hydroxylation of benzene to phenol. Catalysis Science and Technology, 2018, 8, 176-186.	4.1	13
21	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
22	Performance of Dimethyl Sulfoxide and BrÃ¸nsted Acid Catalysts in Fructose Conversion to 5-Hydroxymethylfurfural. ACS Catalysis, 2017, 7, 2199-2212.	11.2	100
23	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
24	Ironâ€“Cobalt Phosphomolybdate with High Electrocatalytic Activity for Oxygen Evolution Reaction. Chemistry - an Asian Journal, 2017, 12, 2694-2702.	3.3	11
25	General low-temperature reaction pathway from precursors to monomers before nucleation of compound semiconductor nanocrystals. Nature Communications, 2016, 7, 12223.	12.8	44
26	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