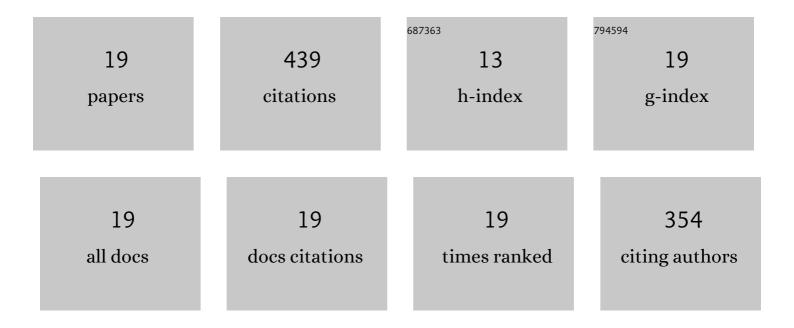
## Zhi-Tao Feng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Density functional theory study on the decomposition mechanism of HFC-32 on a Cu(1 1 1) surface: The impact of H2O and O2. Journal of Molecular Liquids, 2022, 348, 118027.	4.9	8
2	Photoredox/nickel dual catalyzed stereospecific synthesis of distal alkenyl ketones. Chemical Communications, 2022, 58, 1171-1174.	4.1	10
3	Solvent directed chemically divergent synthesis of β-lactams and α-amino acid derivatives with chiral isothiourea. Chemical Science, 2022, 13, 1801-1807.	7.4	11
4	Synthesis of selective heteroatomic collectors for the improved separation of sulfide minerals. Separation and Purification Technology, 2022, 287, 120563.	7.9	19
5	Current Lifetime of Single-Nanoparticle Collision for Sizing Nanoparticles. Analytical Chemistry, 2022, 94, 1302-1307.	6.5	7
6	Dynamic Effects on Migratory Aptitudes in Carbocation Reactions. Journal of the American Chemical Society, 2021, 143, 1088-1097.	13.7	18
7	Photoinduced Metal-Free α-C(sp <sup>3</sup> )–H Carbamoylation of Saturated <i>Aza</i> -Heterocycles via Rationally Designed Organic Photocatalyst. ACS Catalysis, 2021, 11, 3466-3472.	11.2	40
8	Bi-functional hydrogen and coordination bonding surfactant: A novel and promising collector for improving the separation of calcium minerals. Journal of Colloid and Interface Science, 2021, 585, 787-799.	9.4	23
9	Visible-light induced generation of bifunctional nitrogen-centered radicals: a concise synthetic strategy to construct bicyclo[3.2.1] octane and azepane cores. Science China Chemistry, 2021, 64, 274-280.	8.2	24
10	Highly Enantioselective Construction of Strained Spiro[2,3]hexanes through a Michael Addition/Ring Expansion/Cyclization Cascade. Angewandte Chemie - International Edition, 2020, 59, 3058-3062.	13.8	26
11	Highly Enantioselective Construction of Strained Spiro[2,3]hexanes through a Michael Addition/Ring Expansion/Cyclization Cascade. Angewandte Chemie, 2020, 132, 3082-3086.	2.0	5
12	Bouncing off walls – widths of exit channels from shallow minima can dominate selectivity control. Chemical Science, 2020, 11, 9937-9944.	7.4	17
13	Synthesis of a novel collector based on selective nitrogen coordination for improved separation of galena and sphalerite against pyrite. Chemical Engineering Science, 2020, 226, 115860.	3.8	39
14	Density Functional Theory Study of the Metal-Catalyzed Cycloaddition of Indolyl-Allenes: Possible Reaction Pathways, Stereoselectivity, and Regioselectivity. Organometallics, 2020, 39, 1782-1789.	2.3	7
15	Dual Catalytic Switchable Divergent Synthesis: An Asymmetric Visible-Light Photocatalytic Approach to Fluorine-Containing Î <sup>3</sup> -Keto Acid Frameworks. Journal of Organic Chemistry, 2019, 84, 60-72.	3.2	35
16	Dual C(sp <sup>3</sup> )â^'H Bond Functionalization of Nâ€Heterocycles through Sequential Visibleâ€Light Photocatalyzed Dehydrogenation/[2+2] Cycloaddition Reactions. Angewandte Chemie - International Edition, 2018, 57, 5110-5114.	13.8	79
17	Dual C(sp <sup>3</sup> )â^'H Bond Functionalization of Nâ€Heterocycles through Sequential Visible‣ight Photocatalyzed Dehydrogenation/[2+2] Cycloaddition Reactions. Angewandte Chemie, 2018, 130, 5204-5208.	2.0	21
18	Design, Synthesis, and Application of Highly Reducing Organic Visible-Light Photocatalysts. Organic Letters, 2018, 20, 5700-5704.	4.6	35

#	Article	IF	CITATIONS
19	Transitionâ€Metalâ€Free Selective Câ^'H Benzylation of Tertiary Arylamines by a Dearomatizationâ€Aromatization Sequence. Chemistry - A European Journal, 2018, 24, 13778-13782.	3.3	15