

Zhi-Tao Feng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1385425/publications.pdf>

Version: 2024-02-01

19
papers

439
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual C(sp ³)-H Bond Functionalization of N-Heterocycles through Sequential Visible-Light Photocatalyzed Dehydrogenation/[2+2] Cycloaddition Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5110-5114.	13.8	79
2	Photoinduced Metal-Free C(sp ³)-H Carbamoylation of Saturated Aza-Heterocycles via Rationally Designed Organic Photocatalyst. <i>ACS Catalysis</i> , 2021, 11, 3466-3472.	11.2	40
3	Synthesis of a novel collector based on selective nitrogen coordination for improved separation of galena and sphalerite against pyrite. <i>Chemical Engineering Science</i> , 2020, 226, 115860.	3.8	39
4	Design, Synthesis, and Application of Highly Reducing Organic Visible-Light Photocatalysts. <i>Organic Letters</i> , 2018, 20, 5700-5704.	4.6	35
5	Dual Catalytic Switchable Divergent Synthesis: An Asymmetric Visible-Light Photocatalytic Approach to Fluorine-Containing ¹³ C-Keto Acid Frameworks. <i>Journal of Organic Chemistry</i> , 2019, 84, 60-72.	3.2	35
6	Highly Enantioselective Construction of Strained Spiro[2,3]hexanes through a Michael Addition/Ring Expansion/Cyclization Cascade. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3058-3062.	13.8	26
7	Visible-light induced generation of bifunctional nitrogen-centered radicals: a concise synthetic strategy to construct bicyclo[3.2.1]octane and azepane cores. <i>Science China Chemistry</i> , 2021, 64, 274-280.	8.2	24
8	Bi-functional hydrogen and coordination bonding surfactant: A novel and promising collector for improving the separation of calcium minerals. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 787-799.	9.4	23
9	Dual C(sp ³)-H Bond Functionalization of N-Heterocycles through Sequential Visible-Light Photocatalyzed Dehydrogenation/[2+2] Cycloaddition Reactions. <i>Angewandte Chemie</i> , 2018, 130, 5204-5208.	2.0	21
10	Synthesis of selective heteroatomic collectors for the improved separation of sulfide minerals. <i>Separation and Purification Technology</i> , 2022, 287, 120563.	7.9	19
11	Dynamic Effects on Migratory Aptitudes in Carbocation Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 1088-1097.	13.7	18
12	Bouncing off walls - widths of exit channels from shallow minima can dominate selectivity control. <i>Chemical Science</i> , 2020, 11, 9937-9944.	7.4	17
13	Transition-Metal-Free Selective C-H Benzoylation of Tertiary Arylamines by a Dearomatization-Aromatization Sequence. <i>Chemistry - A European Journal</i> , 2018, 24, 13778-13782.	3.3	15
14	Solvent directed chemically divergent synthesis of β -lactams and α -amino acid derivatives with chiral isothioureas. <i>Chemical Science</i> , 2022, 13, 1801-1807.	7.4	11
15	Photoredox/nickel dual catalyzed stereospecific synthesis of distal alkenyl ketones. <i>Chemical Communications</i> , 2022, 58, 1171-1174.	4.1	10
16	Density functional theory study on the decomposition mechanism of HFC-32 on a Cu(1 1 1) surface: The impact of H ₂ O and O ₂ . <i>Journal of Molecular Liquids</i> , 2022, 348, 118027.	4.9	8
17	Density Functional Theory Study of the Metal-Catalyzed Cycloaddition of Indolyl-Allenes: Possible Reaction Pathways, Stereoselectivity, and Regioselectivity. <i>Organometallics</i> , 2020, 39, 1782-1789.	2.3	7
18	Current Lifetime of Single-Nanoparticle Collision for Sizing Nanoparticles. <i>Analytical Chemistry</i> , 2022, 94, 1302-1307.	6.5	7

#	ARTICLE	IF	CITATIONS
19	Highly Enantioselective Construction of Strained Spiro[2,3]hexanes through a Michael Addition/Ring Expansion/Cyclization Cascade. <i>Angewandte Chemie</i> , 2020, 132, 3082-3086.	2.0	5