Yike Zou

List of Publications by Year
in descending order

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43 papers	1,068 citations	331670 21 h-index	454955 30 g-index
43 all docs	43 docs citations	43 times ranked	1248 citing authors

#	Article	IF	Citations
1	Mechanism of the Stereoselective Catalysis of Dielsâ€“Alderase PyrE3 Involved in Pyrroindomycin Biosynthesis. Journal of the American Chemical Society, 2022, 144, 5099-5107.	13.7	7
2	Halogen-bond-assisted radical activation of glycosyl donors enables mild and stereoconvergent 1,2-cis-glycosylation. Nature Chemistry, 2022, 14, 686-694.	13.6	59
3	Structure and Antimicrobial Activity of Rare Lactone Lipids from the Sooty Mold (Scorias) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.0	2
4	Efficient Lewis acid catalysis of an abiological reaction in a de novo protein scaffold. Nature Chemistry, 2021, 13, 231-235.	13.6	46
5	Total Synthesis of (â^')-Strictosidine and Interception of Aryne Natural Product Derivatives â€œStrictosidyneâ€•and â€œStrictosamidyneâ€• Journal of the American Chemical Society, 2021, 143, 7471-7479.	13.7	19
6	Nonenzymatic StereoselectiveS-Glycosylation of Polypeptides and Proteins. Journal of the American Chemical Society, 2021, 143, 11919-11926.	13.7	57
7	Mechanisms and Dynamics of Synthetic and Biosynthetic Formation of Delitschiapyrones: Solvent Control of Ambimodal Periselectivity. Journal of the American Chemical Society, 2021, 143, 11734-11740.	13.7	13
8	Total Syntheses of (+)-Peniciketals A-B and (â^')-Diocollettines A Exploiting a Photoisomerization/Cyclization Union Protocol. Journal of Organic Chemistry, 2021, 86, 13583-13597.	3.2	7
9	Enzymatic control of endo- and exo-stereoselective Dielsâ€“Alder reactions with broad substrate scope. Nature Catalysis, 2021, 4, 1059-1069.	34.4	26
10	Sungeidines from a Non-canonical Enediyne Biosynthetic Pathway. Journal of the American Chemical Society, 2020, 142, 1673-1679.	13.7	24
11	Enzyme-free synthesis of natural phospholipids in water. Nature Chemistry, 2020, 12, 1029-1034.	13.6	54
12	Computational Investigation of the Mechanism of Dielsâ€“Alderase PyrI4. Journal of the American Chemical Society, 2020, 142, 20232-20239.	13.7	18
13	Computational Exploration of a Redox-Neutral Organocatalytic Mitsunobu Reaction. Journal of the American Chemical Society, 2020, 142, 16403-16408.	13.7	16
14	Aromatic Ring Substituted Aaptamine Analogues as Potential Cytotoxic Agents against Extranodal Natural Killer/T-Cell Lymphoma. Journal of Natural Products, 2020, 83, 3758-3763.	3.0	4
15	Amentotaxins Câ€“V, Structurally Diverse Diterpenoids from the Leaves and Twigs of the Vulnerable Conifer Amentotaxus argotaenia and Their Cytotoxic Effects. Journal of Natural Products, 2020, 83, 2129-2144.	3.0	11
16	Factors Controlling Reactivity in the Hydrogen Atom Transfer and Radical Addition Steps of a Radical Relay Cascade. Organic Letters, 2019, 21, 5894-5897.	4.6	6
17	Origins of Selective Formation of 5-Vinyl-2-methylene Furans from Oxyallyl/Diene (3+2) Cycloadditions with Pd(0) Catalysis. Journal of the American Chemical Society, 2019, 141, 12382-12387.	13.7	17
18	LC-MS guided isolation and dereplication of Lycopodium alkaloids from Lycopodium cernuum var. sikkimense of different geographical origins. Phytochemistry, 2019, 160, 25-30.	2.9	10

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19	Lycofargesiines Aâ€“F, further Lycopodium alkaloids from the club moss Huperzia fargesii. Phytochemistry, 2019, 162, 183-192.	2.9	12
20	Generation of Dithianyl and Dioxolanyl Radicals Using Photoredox Catalysis: Application in the Total Synthesis of the Danshenspiroketallactones via Radical Relay Chemistry. Organic Letters, 2019, 21, 1708-1712.	4.6	32
21	Computationally Assisted Discovery and Assignment of a Highly Strained and PANC-1 Selective Alkaloid from Alaskaâ€™s Deep Ocean. Journal of the American Chemical Society, 2019, 141, 4338-4344.	13.7	43
22	Total synthesis of architecturally complex indole terpenoids: strategic and tactical evolution. Journal of Antibiotics, 2018, 71, 185-204.	2.0	32
23	Total Synthesis of the Marine Phosphomacrolide, (â^')-Enigmazole A, Exploiting Multicomponent Type I Anion Relay Chemistry (ARC) in Conjunction with a Late-Stage Petasisâ€“Ferrier Union/Rearrangement. Journal of Organic Chemistry, 2018, 83, 6110-6126.	3.2	23
24	Total Synthesis of (â^')-Nodulisporic Acids D, C, and B: Evolution of a Unified Synthetic Strategy. Journal of the American Chemical Society, 2018, 140, 9502-9511.	13.7	32
25	Annotinolide F and lycoannotines Aâ€“I, further Lycopodium alkaloids from Lycopodium annotinum. Phytochemistry, 2017, 143, 1-11.	2.9	9
26	A Computational Investigation of the Ligand-Controlled Cu-Catalyzed Site-Selective Propargylation and Allenylation of Carbonyl Compounds. Organic Letters, 2017, 19, 6064-6067.	4.6	12
27	Palcernuine, the first [5/6/6/6]-cernuane-type alkaloid from Palhinhaea cernua f. sikkimensis. Chinese Chemical Letters, 2016, 27, 969-973.	9.0	18
28	ent-Abietane diterpenoids with anti-neuroinflammatory activity from the rare Chloranthaceae plant Chloranthus oldhamii. Organic and Biomolecular Chemistry, 2016, 14, 4678-4689.	2.8	28
29	Palhicerines Aâ€“F, Lycopodium alkaloids from the club moss Palhinhaea cernua. Phytochemistry, 2016, 131, 130-139.	2.9	14
30	Sesquiterpenoids from the Chinese endangered plant Manglietia aromatica. Phytochemistry Letters, 2016, 18, 202-207.	1.2	6
31	Diterpenoids from the shed trunk barks of the endangered plant Pinus dabeshanensis and their PTP1B inhibitory effects. RSC Advances, 2016, 6, 60467-60478.	3.6	25
32	Total Synthesis of (â^')-Nodulisporic Acid D. Journal of the American Chemical Society, 2015, 137, 7095-7098.	13.7	48
33	Total Synthesis of (â^')-Enigmazole A. Journal of the American Chemical Society, 2015, 137, 15426-15429.	13.7	37
34	Leonuketal, a Spiroketal Diterpenoid from Leonurus japonicus. Organic Letters, 2015, 17, 6238-6241.	4.6	47
35	Penthorin A and B, two unusual 2,4â€²-epoxy-8,5â€²-neolignans from Penthorum chinese. FÃ¬toterapÃ¬Ã¢, 2015, 100, 7-10.	2.2	14
36	Relative and Absolute Stereochemistry of Diacarperoxides: Antimalarial Norditerpene Endoperoxides from Marine Sponge Diacarnus megaspinorhabdosa. Marine Drugs, 2014, 12, 4399-4416.	4.6	16

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37	Atkamine: A New Pyrroloiminoquinone Scaffold from the Cold Water Aleutian Islands Latrunculia Sponge. Organic Letters, 2013, 15, 1516-1519.	4.6	32
38	Trichotomone, a new cytotoxic dimeric abietane-derived diterpene from Clerodendrum trichotomum. Tetrahedron Letters, 2013, 54, 2549-2552.	1.4	20
39	Fungal ABC Transporter-Associated Activity of Isoflavonoids from the Root Extract of Dalea formosa. Journal of Natural Products, 2013, 76, 915-925.	3.0	38
40	Antimicrobial Metabolites from the Paracel Islands Sponge Agelas mauritiana. Journal of Natural Products, 2012, 75, 774-778.	3.0	56
41	Acantholactone, a new manzamine related alkaloid with an unprecedented Î´-lactone and Îµ-lactam ring system. Tetrahedron Letters, 2012, 53, 6329-6331.	1.4	16
42	Eucalyptals D and E, new cytotoxic phloroglucinols from the fruits of Eucalyptus globulus and assignment of absolute configuration. Tetrahedron Letters, 2012, 53, 2654-2658.	1.4	32
43	Rapid isolation and identification of minor natural products by LCâ€“MS, LCâ€“SPEâ€“NMR and ECD: Isoflavanones, biflavanones and bisdihydrocoumarins from Ormocarpum kirkii. Phytochemistry, 2012, 79, 121-128.	2.9	30