

Yike Zou

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Halogen-bond-assisted radical activation of glycosyl donors enables mild and stereoconvergent 1,2-cis-glycosylation. <i>Nature Chemistry</i> , 2022, 14, 686-694. | 13.6 | 59 |
| 2 | Nonenzymatic Stereoselective <i>S</i> -Glycosylation of Polypeptides and Proteins. <i>Journal of the American Chemical Society</i> , 2021, 143, 11919-11926. | 13.7 | 57 |
| 3 | Antimicrobial Metabolites from the Paracel Islands Sponge <i>Agelas mauritiana</i> . <i>Journal of Natural Products</i> , 2012, 75, 774-778. | 3.0 | 56 |
| 4 | Enzyme-free synthesis of natural phospholipids in water. <i>Nature Chemistry</i> , 2020, 12, 1029-1034. | 13.6 | 54 |
| 5 | Total Synthesis of (âˆš)-Nodulisporic Acid D. <i>Journal of the American Chemical Society</i> , 2015, 137, 7095-7098. | 13.7 | 48 |
| 6 | Leonuketal, a Spiroketal Diterpenoid from <i>Leonurus japonicus</i> . <i>Organic Letters</i> , 2015, 17, 6238-6241. | 4.6 | 47 |
| 7 | Efficient Lewis acid catalysis of an abiological reaction in a de novo protein scaffold. <i>Nature Chemistry</i> , 2021, 13, 231-235. | 13.6 | 46 |
| 8 | Computationally Assisted Discovery and Assignment of a Highly Strained and PANC-1 Selective Alkaloid from Alaska's Deep Ocean. <i>Journal of the American Chemical Society</i> , 2019, 141, 4338-4344. | 13.7 | 43 |
| 9 | Fungal ABC Transporter-Associated Activity of Isoflavonoids from the Root Extract of <i>Dalea formosa</i> . <i>Journal of Natural Products</i> , 2013, 76, 915-925. | 3.0 | 38 |
| 10 | Total Synthesis of (âˆš)-Enigmazole A. <i>Journal of the American Chemical Society</i> , 2015, 137, 15426-15429. | 13.7 | 37 |
| 11 | Eucalyptals D and E, new cytotoxic phloroglucinols from the fruits of <i>Eucalyptus globulus</i> and assignment of absolute configuration. <i>Tetrahedron Letters</i> , 2012, 53, 2654-2658. | 1.4 | 32 |
| 12 | Atkamine: A New Pyrroloiminoquinone Scaffold from the Cold Water Aleutian Islands <i>Latrunculia</i> Sponge. <i>Organic Letters</i> , 2013, 15, 1516-1519. | 4.6 | 32 |
| 13 | Total synthesis of architecturally complex indole terpenoids: strategic and tactical evolution. <i>Journal of Antibiotics</i> , 2018, 71, 185-204. | 2.0 | 32 |
| 14 | Total Synthesis of (âˆš)-Nodulisporic Acids D, C, and B: Evolution of a Unified Synthetic Strategy. <i>Journal of the American Chemical Society</i> , 2018, 140, 9502-9511. | 13.7 | 32 |
| 15 | Generation of Dithianyl and Dioxolanyl Radicals Using Photoredox Catalysis: Application in the Total Synthesis of the Danshenspiroketallactones via Radical Relay Chemistry. <i>Organic Letters</i> , 2019, 21, 1708-1712. | 4.6 | 32 |
| 16 | Rapid isolation and identification of minor natural products by LC-MS, LC-SPE-NMR and ECD: Isoflavanones, biflavanones and bisdihydrocoumarins from <i>Ormocarpum kirkii</i> . <i>Phytochemistry</i> , 2012, 79, 121-128. | 2.9 | 30 |
| 17 | ent-Abietane diterpenoids with anti-neuroinflammatory activity from the rare Chloranthaceae plant <i>Chloranthus oldhamii</i> . <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4678-4689. | 2.8 | 28 |
| 18 | Enzymatic control of endo- and exo-stereoselective Diels-Alder reactions with broad substrate scope. <i>Nature Catalysis</i> , 2021, 4, 1059-1069. | 34.4 | 26 |

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|----|---|------|-----------|
| 19 | Diterpenoids from the shed trunk barks of the endangered plant <i>Pinus dabeshanensis</i> and their PTP1B inhibitory effects. <i>RSC Advances</i> , 2016, 6, 60467-60478. | 3.6 | 25 |
| 20 | Sungeidines from a Non-canonical Enediyne Biosynthetic Pathway. <i>Journal of the American Chemical Society</i> , 2020, 142, 1673-1679. | 13.7 | 24 |
| 21 | Total Synthesis of the Marine Phosphomacrolide, (âˆ“)-Enigmazole A, Exploiting Multicomponent Type I Anion Relay Chemistry (ARC) in Conjunction with a Late-Stage Petasisâ€“Ferrier Union/Rearrangement. <i>Journal of Organic Chemistry</i> , 2018, 83, 6110-6126. | 3.2 | 23 |
| 22 | Trichotomone, a new cytotoxic dimeric abietane-derived diterpene from <i>Clerodendrum trichotomum</i> . <i>Tetrahedron Letters</i> , 2013, 54, 2549-2552. | 1.4 | 20 |
| 23 | Total Synthesis of (âˆ“)-Strictosidine and Interception of Aryne Natural Product Derivatives â€œStrictosidyneâ€ and â€œStrictosamidyneâ€ . <i>Journal of the American Chemical Society</i> , 2021, 143, 7471-7479. | 13.7 | 19 |
| 24 | Palceruine, the first [5/6/6]-cernuane-type alkaloid from <i>Palhinhaea cernua</i> f. <i>sikkimensis</i> . <i>Chinese Chemical Letters</i> , 2016, 27, 969-973. | 9.0 | 18 |
| 25 | Computational Investigation of the Mechanism of Dielsâ€“Alderase Pyl4. <i>Journal of the American Chemical Society</i> , 2020, 142, 20232-20239. | 13.7 | 18 |
| 26 | Origins of Selective Formation of 5-Vinyl-2-methylene Furans from Oxyallyl/Diene (3+2) Cycloadditions with Pd(0) Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 12382-12387. | 13.7 | 17 |
| 27 | Acantholactone, a new manzamine related alkaloid with an unprecedented Îˆ-lactone and Îµ-lactam ring system. <i>Tetrahedron Letters</i> , 2012, 53, 6329-6331. | 1.4 | 16 |
| 28 | Relative and Absolute Stereochemistry of Diacarperoxides: Antimalarial Norditerpene Endoperoxides from Marine Sponge <i>Diacarnus megaspinorhabdosa</i> . <i>Marine Drugs</i> , 2014, 12, 4399-4416. | 4.6 | 16 |
| 29 | Computational Exploration of a Redox-Neutral Organocatalytic Mitsunobu Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 16403-16408. | 13.7 | 16 |
| 30 | Penthorin A and B, two unusual 2,4-epoxy-8,5-neolignans from <i>Penthorum chinense</i> . <i>FÃ“toterapÃ“</i> , 2015, 2, 100, 7-10. | 2.2 | 14 |
| 31 | Palhicerines Aâ€“F, Lycopodium alkaloids from the club moss <i>Palhinhaea cernua</i> . <i>Phytochemistry</i> , 2016, 131, 130-139. | 2.9 | 14 |
| 32 | Mechanisms and Dynamics of Synthetic and Biosynthetic Formation of Delitschiapyrones: Solvent Control of Ambimodal Periselectivity. <i>Journal of the American Chemical Society</i> , 2021, 143, 11734-11740. | 13.7 | 13 |
| 33 | A Computational Investigation of the Ligand-Controlled Cu-Catalyzed Site-Selective Propargylation and Allenylation of Carbonyl Compounds. <i>Organic Letters</i> , 2017, 19, 6064-6067. | 4.6 | 12 |
| 34 | Lycofargesiines Aâ€“F, further Lycopodium alkaloids from the club moss <i>Huperzia fargesii</i> . <i>Phytochemistry</i> , 2019, 162, 183-192. | 2.9 | 12 |
| 35 | Amentotaxins Câ€“V, Structurally Diverse Diterpenoids from the Leaves and Twigs of the Vulnerable Conifer <i>Amentotaxus argotaenia</i> and Their Cytotoxic Effects. <i>Journal of Natural Products</i> , 2020, 83, 2129-2144. | 3.0 | 11 |
| 36 | LC-MS guided isolation and dereplication of Lycopodium alkaloids from <i>Lycopodium cernuum</i> var. <i>sikkimense</i> of different geographical origins. <i>Phytochemistry</i> , 2019, 160, 25-30. | 2.9 | 10 |

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|----|---|----------|-----------|
| 37 | Annotinolide F and lycoannotines A–I, further Lycopodium alkaloids from <i>Lycopodium annotinum</i> . <i>Phytochemistry</i> , 2017, 143, 1-11. | 2.9 | 9 |
| 38 | Total Syntheses of (+)-Peniciketals A-B and (–)-Diocollettines A Exploiting a Photoisomerization/Cyclization Union Protocol. <i>Journal of Organic Chemistry</i> , 2021, 86, 13583-13597. | 3.2 | 7 |
| 39 | Mechanism of the Stereoselective Catalysis of Diels–Alderase PyrE3 Involved in Pyrroindomycin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2022, 144, 5099-5107. | 13.7 | 7 |
| 40 | Sesquiterpenoids from the Chinese endangered plant <i>Manglietia aromatica</i> . <i>Phytochemistry Letters</i> , 2016, 18, 202-207. | 1.2 | 6 |
| 41 | Factors Controlling Reactivity in the Hydrogen Atom Transfer and Radical Addition Steps of a Radical Relay Cascade. <i>Organic Letters</i> , 2019, 21, 5894-5897. | 4.6 | 6 |
| 42 | Aromatic Ring Substituted Aaptamine Analogues as Potential Cytotoxic Agents against Extranodal Natural Killer/T-Cell Lymphoma. <i>Journal of Natural Products</i> , 2020, 83, 3758-3763. | 3.0 | 4 |
| 43 | Structure and Antimicrobial Activity of Rare Lactone Lipids from the Sooty Mold (<i>Scorias</i>) Tj ETQq1 1 | 0.784314 | 3.0 |