

Yi Zou

List of Publications by Year in descending order

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32
papers

1,145
citations

430843

18
h-index

395678

33
g-index

33
all docs

33
docs citations

33
times ranked

1277
citing authors

#	ARTICLE	IF	CITATIONS
1	Berberine bridge enzyme-like oxidase-catalysed double bond isomerization acts as the pathway switch in cytochalasin synthesis. <i>Nature Communications</i> , 2022, 13, 225.	12.8	13
2	Set of Cytochrome P450s Cooperatively Catalyzes the Synthesis of a Highly Oxidized and Rearranged Diterpene-Class Sordarinane Architecture. <i>Journal of the American Chemical Society</i> , 2022, 144, 3580-3589.	13.7	7
3	Diaryl Ether Formation by a Versatile Thioesterase Domain. <i>Journal of the American Chemical Society</i> , 2022, 144, 9554-9558.	13.7	11
4	Divergent Biosynthesis of Fungal Dioxafenestrane Sesquiterpenes by the Cooperation of Distinctive Baeyer-Villiger Monooxygenases and Î±-Ketoglutarate-Dependent Dioxygenases. <i>ACS Catalysis</i> , 2021, 11, 948-957.	11.2	12
5	Genome Mining Discovery of a C ₄ -Alkylated Dihydroisocoumarin Pathway in Fungi. <i>Organic Letters</i> , 2021, 23, 2337-2341.	4.6	5
6	Heterologous and Engineered Biosynthesis of Nematocidal Polyketide-Nonribosomal Peptide Hybrid Macrolactone from Extreme Thermophilic Fungi. <i>Journal of the American Chemical Society</i> , 2020, 142, 1957-1965.	13.7	41
7	Immunosuppressant mycophenolic acid biosynthesis employs a new globin-like enzyme for prenyl side chain cleavage. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1253-1258.	12.0	11
8	Biosynthesis of Diphenyl Ethers in Fungi. <i>Organic Letters</i> , 2019, 21, 3114-3118.	4.6	26
9	Unprecedented [5.5.5.6]Dioxafenestrane Ring Construction in Fungal Insecticidal Sesquiterpene Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6569-6573.	13.8	27
10	Unprecedented [5.5.5.6]Dioxafenestrane Ring Construction in Fungal Insecticidal Sesquiterpene Biosynthesis. <i>Angewandte Chemie</i> , 2019, 131, 6641-6645.	2.0	3
11	Complexity and Diversity Generation in the Biosynthesis of Fumiquinazoline-Related Peptidyl Alkaloids. <i>Organic Letters</i> , 2019, 21, 1475-1479.	4.6	20
12	NRPS Protein MarQ Catalyzes Flexible Adenylation and Specific S-Methylation. <i>ACS Chemical Biology</i> , 2018, 13, 2387-2391.	3.4	15
13	Divergent biosynthesis of indole alkaloids FR900452 and spiro-maremycins. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5446-5451.	2.8	19
14	Identification of the pyranonigrin A biosynthetic gene cluster by genome mining in <i>Penicillium thymicola</i> IBT 5891. <i>AIChE Journal</i> , 2018, 64, 4182-4186.	3.6	24
15	Enzyme-catalyzed cationic epoxide rearrangements in quinolone alkaloid biosynthesis. <i>Nature Chemical Biology</i> , 2017, 13, 325-332.	8.0	44
16	Draft Genome Sequence of <i>Streptomyces</i> sp. B9173, a Producer of Indole Diketopiperazine Maremycins. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
17	Identification and Heterologous Production of a Benzoyl-Primed Tricarboxylic Acid Polyketide Intermediate from the Zaragozic Acid A Biosynthetic Pathway. <i>Organic Letters</i> , 2017, 19, 3560-3563.	4.6	72
18	A Cascade of Redox Reactions Generates Complexity in the Biosynthesis of the Protein Phosphatase Inhibitor Rubratoxin...A. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4782-4786.	13.8	33

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19	A Cascade of Redox Reactions Generates Complexity in the Biosynthesis of the Protein Phosphatase Inhibitor Rubratoxin. <i>Angewandte Chemie</i> , 2017, 129, 4860-4864.	2.0	4
20	Oxidative Cyclization in Natural Product Biosynthesis. <i>Chemical Reviews</i> , 2017, 117, 5226-5333.	47.7	288
21	Characterization of 2-Oxindole Forming Heme Enzyme MarE, Expanding the Functional Diversity of the Tryptophan Dioxygenase Superfamily. <i>Journal of the American Chemical Society</i> , 2017, 139, 11887-11894.	13.7	30
22	Biosynthesis of Strained Piperazine Alkaloids: Uncovering the Concise Pathway of Herquiline A. <i>Journal of the American Chemical Society</i> , 2016, 138, 13529-13532.	13.7	50
23	Indole methylation protects diketopiperazine configuration in the maremycin biosynthetic pathway. <i>Science China Chemistry</i> , 2016, 59, 1224-1228.	8.2	17
24	Biochemical Characterization of a Eukaryotic Decalin-Forming Diels-Alderase. <i>Journal of the American Chemical Society</i> , 2016, 138, 15837-15840.	13.7	98
25	Identification of (2S,3S)- β -Methyltryptophan as the Real Biosynthetic Intermediate of Antitumor Agent Streptonigrin. <i>Scientific Reports</i> , 2016, 6, 20273.	3.3	15
26	An Acyl Transfer Reaction Catalyzed by an Epimerase MarH. <i>ACS Catalysis</i> , 2016, 6, 788-792.	11.2	1
27	Tandem Prenyltransferases Catalyze Isoprenoid Elongation and Complexity Generation in Biosynthesis of Quinolone Alkaloids. <i>Journal of the American Chemical Society</i> , 2015, 137, 4980-4983.	13.7	55
28	Discovery of Unclustered Fungal Indole Diterpene Biosynthetic Pathways through Combinatorial Pathway Reassembly in Engineered Yeast. <i>Journal of the American Chemical Society</i> , 2015, 137, 13724-13727.	13.7	90
29	Structural Insight into the Tetramerization of an Iterative Ketoreductase SiaM through Aromatic Residues in the Interfaces. <i>PLoS ONE</i> , 2014, 9, e97996.	2.5	4
30	Methylation-Dependent Acyl Transfer between Polyketide Synthase and Nonribosomal Peptide Synthetase Modules in Fungal Natural Product Biosynthesis. <i>Organic Letters</i> , 2014, 16, 6390-6393.	4.6	33
31	A <i>Trans</i> -Acting Ketoreductase in Biosynthesis of a Symmetric Polyketide Dimer SIA7248. <i>ChemBioChem</i> , 2013, 14, 679-683.	2.6	27
32	Stereospecific Biosynthesis of β -Methyltryptophan from α -Tryptophan Features a Stereochemical Switch. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12951-12955.	13.8	39