

Yi Zou

List of Publications by Year in descending order

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32
papers

1,145
citations

430874

18
h-index

395702

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 Phosphataseâ€² Inhibitor Rubratoxinâ€². A. Angewandte Chemie, 2017, 129, 4860-4864.	2.0	4
20	Oxidative Cyclization in Natural Product Biosynthesis. Chemical Reviews, 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. Journal of the American Chemical Society, 2017, 139, 11887-11894.	13.7	30
22	Biosynthesis of Strained Piperazine Alkaloids: Uncovering the Concise Pathway of Herquiline A. Journal of the American Chemical Society, 2016, 138, 13529-13532.	13.7	50
23	Indole methylation protects diketopiperazine configuration in the maremycin biosynthetic pathway. Science China Chemistry, 2016, 59, 1224-1228.	8.2	17
24	Biochemical Characterization of a Eukaryotic Decalin-Forming Dielsâ€²Alderase. Journal of the American Chemical Society, 2016, 138, 15837-15840.	13.7	98
25	Identification of (2S,3S)-Î²-Methyltryptophan as the Real Biosynthetic Intermediate of Antitumor Agent Streptonigrin. Scientific Reports, 2016, 6, 20273.	3.3	15
26	An Acyl Transfer Reaction Catalyzed by an Epimerase MarH. ACS Catalysis, 2016, 6, 788-792.	11.2	1
27	Tandem Prenyltransferases Catalyze Isoprenoid Elongation and Complexity Generation in Biosynthesis of Quinolone Alkaloids. Journal of the American Chemical Society, 2015, 137, 4980-4983.	13.7	55
28	Discovery of Unclustered Fungal Indole Diterpene Biosynthetic Pathways through Combinatorial Pathway Reassembly in Engineered Yeast. Journal of the American Chemical Society, 2015, 137, 13724-13727.	13.7	90
29	Structural Insight into the Tetramerization of an Iterative Ketoreductase SiaM through Aromatic Residues in the Interfaces. PLoS ONE, 2014, 9, e97996.	2.5	4
30	Methylation-Dependent Acyl Transfer between Polyketide Synthase and Nonribosomal Peptide Synthetase Modules in Fungal Natural Product Biosynthesis. Organic Letters, 2014, 16, 6390-6393.	4.6	33
31	A <i>Trans</i>-Acting Ketoreductase in Biosynthesis of a Symmetric Polyketide Dimer SIA7248. ChemBioChem, 2013, 14, 679-683.	2.6	27
32	Stereospecific Biosynthesis of Î²-Methyltryptophan from <sc>L</sc>-Tryptophan Features a Stereochemical Switch. Angewandte Chemie - International Edition, 2013, 52, 12951-12955.	13.8	39