

Jian Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

260
citations

933447

10
h-index

940533

16
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all docs

23
docs citations

23
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of MeON-Glycoside Derivatives of Oleanolic Acid by Neoglycosylation and Evaluation of Their Cytotoxicity against Selected Cancer Cell Lines. <i>Molecules</i> , 2021, 26, 772.	3.8	5
2	Design, Synthesis and Biological Evaluation of Steroidal Glycoconjugates as Potential Antiproliferative Agents. <i>ChemMedChem</i> , 2021, 16, 1488-1498.	3.2	3
3	A versatile tailoring tool for pentacyclic triterpenes of <i>Penicillium griseofulvum</i> CICC 40293. <i>Phytochemistry Letters</i> , 2021, 44, 195-201.	1.2	2
4	Application of tandem biotransformation for biosynthesis of new pentacyclic triterpenoid derivatives with neuroprotective effect. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126947.	2.2	11
5	New 30-norlupane derivatives through chemical-microbial semi-synthesis of betulinic acid and their neuroprotective effect. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127407.	2.2	8
6	Biotransformation of Erythrodiol for New Food Supplements with Anti-Inflammatory Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5910-5916.	5.2	9
7	Biocatalytic allylic hydroxylation of unsaturated triterpenes and steroids by <i>Bacillus megaterium</i> CGMCC 1.1741. <i>Bioorganic Chemistry</i> , 2020, 99, 103826.	4.1	6
8	Microbial transformation of glycyrrhetic acid derivatives by <i>Bacillus subtilis</i> ATCC 6633 and <i>Bacillus megaterium</i> CGMCC 1.1741. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115465.	3.0	3
9	Enzyme-Catalyzed Glycosylation of Curcumin and Its Analogues by Glycosyltransferases from <i>Bacillus subtilis</i> ATCC 6633. <i>Catalysts</i> , 2019, 9, 734.	3.5	10
10	Chemical synthesis, microbial transformation and biological evaluation of tetrahydroprotoberberines as dopamine D1/D2 receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2100-2111.	3.0	10
11	Synthesis of tigogenin MeON-Neoglycosides and their antitumor activity. <i>FÄ-toterapÄ-Äç</i> , 2018, 125, 33-40.	2.2	13
12	Microbial hydroxylation and glycosylation of pentacyclic triterpenes as inhibitors on tissue factor procoagulant activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1026-1030.	2.2	10
13	Site-selective biotransformation of ursane triterpenes by <i>Streptomyces griseus</i> ATCC 13273. <i>RSC Advances</i> , 2017, 7, 20754-20759.	3.6	9
14	Site-selective oxidation of unactivated CÄ“H sp bonds of oleanane triterpenes by <i>Streptomyces griseus</i> ATCC 13273. <i>Tetrahedron</i> , 2017, 73, 3086-3092.	1.9	14
15	Molecular cloning and expression of a glycosyltransferase from <i>Bacillus subtilis</i> for modification of morin and related polyphenols. <i>Biotechnology Letters</i> , 2017, 39, 1229-1235.	2.2	3
16	Microbial Catalyzed Regio-Selective Demethylation of Colchicine by <i>Streptomyces griseus</i> ATCC 13273. <i>Applied Biochemistry and Biotechnology</i> , 2017, 183, 1026-1034.	2.9	4
17	New derivatives of ursolic acid through the biotransformation by <i>Bacillus megaterium</i> CGMCC 1.1741 as inhibitors on nitric oxide production. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2575-2578.	2.2	29
18	Levo-Tetrahydroberberrubine Produces Anxiolytic-Like Effects in Mice through the 5-HT1A Receptor. <i>PLoS ONE</i> , 2017, 12, e0168964.	2.5	13

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19	Diversity synthesis of tetrahydroprotoberberines glycosides by combined chemical and microbial catalysis. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 783-788.	1.3	1
20	Chemical and microbial semi-synthesis of tetrahydroprotoberberines as inhibitors on tissue factor procoagulant activity. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 62-69.	3.0	27
21	Regio- and enantio-selective glycosylation of tetrahydroprotoberberines by <i>Gliocladium deliquescens</i> NRRL1086 resulting in unique alkaloidal glycosides. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 2357-2364.	3.6	17
22	New approaches to the structural modification of olean-type pentacyclic triterpenes via microbial oxidation and glycosylation. <i>Tetrahedron</i> , 2011, 67, 4206-4211.	1.9	27
23	Direct microbial-catalyzed asymmetric $\hat{1}\pm$ -hydroxylation of betulonic acid by <i>Nocardia</i> sp. NRRL 5646. <i>Tetrahedron Letters</i> , 2009, 50, 2193-2195.	1.4	26