

Hui Xu

List of Publications by Year in descending order

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papers

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1040056

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of aflatoxin B1, B2, G1, G2, ochratoxin A, and sterigmatocystin in traditional Chinese medicines by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3031-3039.	3.7	50
2	A novel thermostable GH10 xylanase with activities on a wide variety of cellulosic substrates from a xylanolytic <i>Bacillus</i> strain exhibiting significant synergy with commercial Celluclast 1.5 L in pretreated corn stover hydrolysis. <i>Biotechnology for Biofuels</i> , 2019, 12, 48.	6.2	49
3	Triterpenoid Saponin Biosynthetic Pathway Profiling and Candidate Gene Mining of the <i>Ilex asprella</i> Root Using RNA-Seq. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5970-5987.	4.1	41
4	Characterisation of Two Oxidosqualene Cyclases Responsible for Triterpenoid Biosynthesis in <i>Ilex asprella</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 3564-3578.	4.1	29
5	An investigation of fungal contamination on the surface of medicinal herbs in China. <i>Chinese Medicine</i> , 2017, 12, 2.	4.0	25
6	Metabolic Profile of Skimmianine in Rats Determined by Ultra-Performance Liquid Chromatography Coupled with Quadrupole Time-of-Flight Tandem Mass Spectrometry. <i>Molecules</i> , 2017, 22, 489.	3.8	15
7	Heterologous Expression of Ilicicolin H Biosynthetic Gene Cluster and Production of a New Potent Antifungal Reagent, Ilicicolin J. <i>Molecules</i> , 2019, 24, 2267.	3.8	15
8	Synthesis, Biological Evaluation and Low-Toxic Formulation Development of Glycosylated Paclitaxel Prodrugs. <i>Molecules</i> , 2018, 23, 3211.	3.8	12
9	Profiling and Pharmacokinetic Studies of Alkaloids in Rats After Oral Administration of <i>Zanthoxylum nitidum</i> Decoction by UPLC-Q-TOF-MS/MS and HPLC-MS/MS. <i>Molecules</i> , 2019, 24, 585.	3.8	10
10	Identification of β -Amyrin 28-Carboxylase and Glycosyltransferase From <i>Ilex asprella</i> and Production of Ursolic Acid 28-O- β -D-Glucopyranoside in Engineered Yeast. <i>Frontiers in Plant Science</i> , 2020, 11, 612.	3.6	5
11	Draft genome sequence of <i>Neonectria</i> sp. DH2 isolated from <i>Meconopsis grandis</i> Prain in Tibet. <i>3 Biotech</i> , 2020, 10, 346.	2.2	4
12	Optimization of Storage Conditions of the Medicinal Herb <i>Ilex asprella</i> against the Sterigmatocystin Producer <i>Aspergillus versicolor</i> Using Response Surface Methodology. <i>Toxins</i> , 2018, 10, 499.	3.4	3
13	Cytochrome P450 Monooxygenase/Cytochrome P450 Reductase Bi-Enzymatic System Isolated From <i>Ilex asprella</i> for Regio-Specific Oxidation of Pentacyclic Triterpenoids. <i>Frontiers in Plant Science</i> , 2022, 13, 831401.	3.6	3
14	Identification and engineering on the nonconserved residues of metallo- β -lactamase-type thioesterase to improve the enzymatic activity. <i>Biotechnology and Bioengineering</i> , 2021, 118, 4623-4634.	3.3	1