

Yang-Liu Xia

List of Publications by Year in descending order

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30
papers

506
citations

687335

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Preparation of an Electrically Conductive Graphene Oxide/Chitosan Scaffold for Cardiac Tissue Engineering. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 952-964.	2.9	90
2	Recent progress and challenges in screening and characterization of UGT1A1 inhibitors. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 258-278.	12.0	61
3	An Optimized Two-Photon Fluorescent Probe for Biological Sensing and Imaging of Catechol-O-Methyltransferase. <i>Chemistry - A European Journal</i> , 2017, 23, 10800-10807.	3.3	32
4	Identification and Characterization of Human UDP-glucuronosyltransferases Responsible for the Glucuronidation of Fraxetin. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 135-140.	2.2	27
5	The pathophysiological function of non-gastrointestinal farnesoid X receptor. , 2021, 226, 107867.		26
6	Methylation, Glucuronidation, and Sulfonation of Daphnetin in Human Hepatic Preparations In Vitro : Metabolic Profiling, Pathway Comparison, and Bioactivity Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 808-816.	3.3	21
7	Design, synthesis and biological evaluation of esculetin derivatives as anti-tumour agents. <i>RSC Advances</i> , 2015, 5, 53477-53483.	3.6	20
8	Synthesis and Structure-Activity Relationship of Daphnetin Derivatives as Potent Antioxidant Agents. <i>Molecules</i> , 2018, 23, 2476.	3.8	19
9	Diethylstilbestrol can effectively accelerate estradiol-17-O-glucuronidation, while potently inhibiting estradiol-3-O-glucuronidation. <i>Toxicology and Applied Pharmacology</i> , 2015, 283, 109-116.	2.8	18
10	Glucuronidation of bavachinin by human tissues and expressed UGT enzymes: Identification of UGT1A1 and UGT1A8 as the major contributing enzymes. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 358-365.	2.2	17
11	Synthesis and structure-activity relationship of coumarins as potent Mcl-1 inhibitors for cancer treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115851.	3.0	16
12	A highly selective fluorescent probe for sensing activities of catechol- O -methyltransferase in complex biological samples. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 615-623.	7.8	15
13	Structural Modifications at the C-4 Position Strongly Affect the Glucuronidation of 6,7-Dihydroxycoumarins. <i>Drug Metabolism and Disposition</i> , 2015, 43, 553-560.	3.3	14
14	Combined analysis of metagenomic data revealed consistent changes of gut microbiome structure and function in inflammatory bowel disease. <i>Journal of Applied Microbiology</i> , 2021, 131, 3018-3031.	3.1	14
15	Identification and characterization of human UDP-glucuronosyltransferases responsible for the in-vitro glucuronidation of arctigenin. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 1673-1681.	2.4	13
16	Tissue and species differences in the glucuronidation of glabridin with UDP-glucuronosyltransferases. <i>Chemico-Biological Interactions</i> , 2015, 231, 90-97.	4.0	12
17	Inhibition of human catechol-O-methyltransferase-mediated dopamine-methylation by daphnetin and its Phase II metabolites. <i>Xenobiotica</i> , 2017, 47, 498-504.	1.1	12
18	Identification and characterization of human UDP-glucuronosyltransferases responsible for xanthotoxol glucuronidation. <i>Xenobiotica</i> , 2018, 48, 109-116.	1.1	11

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19	C-8 Mannich base derivatives of baicalein display improved glucuronidation stability: exploring the mechanism by experimentation and theoretical calculations. <i>RSC Advances</i> , 2015, 5, 89818-89826.	3.6	10
20	In Vitro Evaluation of the Effect of 7-Methyl Substitution on Glucuronidation of Daphnetin: Metabolic Stability, Isoform Selectivity, and Bioactivity Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3557-3564.	3.3	9
21	Withaferin A in the treatment of liver diseases: progress and pharmacokinetic insights. <i>Drug Metabolism and Disposition</i> , 2021, , DMD-MR-2021-000455.	3.3	8
22	<i>In vitro</i> evaluation of the effect of C-4 substitution on methylation of 7,8-dihydroxycoumarin: metabolic profile and catalytic kinetics. <i>Royal Society Open Science</i> , 2018, 5, 171271.	2.4	7
23	Association between gene polymorphism and adverse effects in cancer patients receiving docetaxel treatment: a meta-analysis. <i>Cancer Chemotherapy and Pharmacology</i> , 2022, 89, 173-181.	2.3	7
24	Withaferin A alleviates ethanol-induced liver injury by inhibiting hepatic lipogenesis. <i>Food and Chemical Toxicology</i> , 2022, 160, 112807.	3.6	6
25	Accurate and sensitive detection of Catechol-O-methyltransferase activity by liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1157, 122333.	2.3	5
26	Analytical methodologies for sensing catechol-O-methyltransferase activity and their applications. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 15-27.	5.3	5
27	<i>In vitro</i> characterization of the glucuronidation pathways of licochalcone A mediated by human UDP-glucuronosyltransferases. <i>Xenobiotica</i> , 2019, 49, 671-677.	1.1	4
28	Interspecies comparison in the COMT-mediated methylation of 3-BTD. <i>RSC Advances</i> , 2018, 8, 16278-16284.	3.6	3
29	Discovery and characterization of naturally occurring potent inhibitors of catechol-O-methyltransferase from herbal medicines. <i>RSC Advances</i> , 2021, 11, 10385-10392.	3.6	3
30	Glucuronidation of d-Luciferin In Vitro: Isoform Selectivity and Kinetics Characterization. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019, 44, 549-556.	1.6	1