

Kateřina Lněniřkovř;

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

315
citations

933447

10
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	The inhibitory effects of Î²-caryophyllene, Î²-caryophyllene oxide and Î±-humulene on the activities of the main drug-metabolizing enzymes in rat and human liver in vitro. <i>Chemico-Biological Interactions</i> , 2017, 278, 123-128.	4.0	42
2	Interaction of isoflavonoids with human liver microsomal cytochromes P450: inhibition of CYP enzyme activities. <i>Xenobiotica</i> , 2017, 47, 324-331.	1.1	41
3	Dual Effects of Ketoconazole cis-Enantiomers on CYP3A4 in Human Hepatocytes and HepG2 Cells. <i>PLoS ONE</i> , 2014, 9, e111286.	2.5	28
4	Antiproliferative Effects of Hop-derived Prenylflavonoids and Their Influence on the Efficacy of Oxaliplatin, 5-fluorouracil and Irinotecan in Human ColorectalC Cells. <i>Nutrients</i> , 2019, 11, 879.	4.1	25
5	Induction of xenobiotic-metabolizing enzymes in hepatocytes by beta-naphthoflavone: Time-dependent changes in activities, protein and mRNA levels. <i>Acta Pharmaceutica</i> , 2018, 68, 75-85.	2.0	19
6	Enantiospecific effects of chiral drugs on cytochrome P450 inhibition <i>in vitro</i> . <i>Xenobiotica</i> , 2016, 46, 315-324.	1.1	15
7	Influence of Amlodipine Enantiomers on Human Microsomal Cytochromes P450: Stereoselective Time-Dependent Inhibition of CYP3A Enzyme Activity. <i>Molecules</i> , 2017, 22, 1879.	3.8	15
8	The Modulation of Phase II Drug-Metabolizing Enzymes in Proliferating and Differentiated CaCo-2 Cells by Hop-Derived Prenylflavonoids. <i>Nutrients</i> , 2020, 12, 2138.	4.1	12
9	The impact of sesquiterpenes Î²-caryophyllene oxide and <i>trans</i> -nerolidol on xenobiotic-metabolizing enzymes in mice <i>in vivo</i> . <i>Xenobiotica</i> , 2018, 48, 1089-1097.	1.1	11
10	Identification of UDP-glucuronosyltransferases involved in the metabolism of silymarin flavonolignans. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112972.	2.8	11
11	Nerolidol and Farnesol Inhibit Some Cytochrome P450 Activities but Did Not Affect Other Xenobiotic-Metabolizing Enzymes in Rat and Human Hepatic Subcellular Fractions. <i>Molecules</i> , 2017, 22, 509.	3.8	10
12	Identification of Human Sulfotransferases Active towards Silymarin Flavonolignans and Taxifolin. <i>Metabolites</i> , 2020, 10, 329.	2.9	10
13	Effect of Standardized Cranberry Extract on the Activity and Expression of Selected Biotransformation Enzymes in Rat Liver and Intestine. <i>Molecules</i> , 2014, 19, 14948-14960.	3.8	9
14	The metabolism of flubendazole in human liver and cancer cell lines. <i>Drug Testing and Analysis</i> , 2018, 10, 1139-1146.	2.6	9
15	Sulforaphane Alters Î²-Naphthoflavone-Induced Changes in Activity and Expression of Drug-Metabolizing Enzymes in Rat Hepatocytes. <i>Molecules</i> , 2017, 22, 1983.	3.8	8
16	Effect of bilberry extract (<i>Vaccinium myrtillus</i> L.) on drug-metabolizing enzymes in rats. <i>Food and Chemical Toxicology</i> , 2019, 129, 382-390.	3.6	8
17	Gut microbiome affects the metabolism of metronidazole in mice through regulation of hepatic cytochromes P450 expression. <i>PLoS ONE</i> , 2021, 16, e0259643.	2.5	8
18	Cranberry extractâ€“enriched diets increase NAD(P)H:quinone oxidoreductase and catalase activities in obese but not in nonobese mice. <i>Nutrition Research</i> , 2015, 35, 901-909.	2.9	7

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19	Methods for simultaneous and quantitative isolation of mitochondrial DNA, nuclear DNA and RNA from mammalian cells. <i>BioTechniques</i> , 2020, 69, 436-442.	1.8	7
20	Catechins Variously Affect Activities of Conjugation Enzymes in Proliferating and Differentiated Caco-2 Cells. <i>Molecules</i> , 2016, 21, 1186.	3.8	6
21	Optical isomers of dihydropyridine calcium channel blockers display enantiospecific effects on the expression and enzyme activities of human xenobiotics-metabolizing cytochromes P450. <i>Toxicology Letters</i> , 2016, 262, 173-186.	0.8	6
22	In vitro analysis of itraconazole cis-diastereoisomers inhibition of nine cytochrome P450 enzymes: stereoselective inhibition of CYP3A. <i>Xenobiotica</i> , 2019, 49, 36-42.	1.1	5
23	Metabolism of 2,3-Dehydrosilybin A and 2,3-Dehydrosilybin B: A Study with Human Hepatocytes and Recombinant UDP-Glucuronosyltransferases and Sulfotransferases. <i>Antioxidants</i> , 2021, 10, 954.	5.1	3