

Elardus Erasmus

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

309
citations

12
h-index

17
g-index

21
ext. papers

364
ext. citations

3.8
avg, IF

3.09
L-index

#	Paper	IF	Citations
21	A new perspective on the importance of glycine conjugation in the metabolism of aromatic acids. <i>Drug Metabolism Reviews</i> , 2014 , 46, 343-61	7	43
20	Glycine conjugation: importance in metabolism, the role of glycine N-acyltransferase, and factors that influence interindividual variation. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013 , 9, 1139-53	5.5	42
19	Physicochemical prediction of a brain-blood distribution profile in polycyclic amines. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 3569-78	3.4	37
18	In vitro antioxidant, antimutagenic and genoprotective activity of <i>Rosa roxburghii</i> fruit extract. <i>Phytotherapy Research</i> , 2008 , 22, 376-83	6.7	23
17	The utilization of alanine, glutamic acid, and serine as amino acid substrates for glycine N-acyltransferase. <i>Journal of Biochemical and Molecular Toxicology</i> , 2000 , 14, 102-9	3.4	23
16	<i>Rosa roxburghii</i> supplementation in a controlled feeding study increases plasma antioxidant capacity and glutathione redox state. <i>European Journal of Nutrition</i> , 2005 , 44, 452-7	5.2	19
15	Conservation of the coding regions of the glycine N-acyltransferase gene further suggests that glycine conjugation is an essential detoxification pathway. <i>Gene</i> , 2015 , 571, 126-34	3.8	16
14	Identification of 19 new metabolites induced by abnormal amino acid conjugation in isovaleric acidemia. <i>Clinical Chemistry</i> , 2005 , 51, 1510-2	5.5	16
13	Clinically proven mtDNA mutations are not common in those with chronic fatigue syndrome. <i>BMC Medical Genetics</i> , 2017 , 18, 29	2.1	14
12	Development and validation of LC-ESI-MS/MS methods for quantification of 27 free and conjugated estrogen-related metabolites. <i>Analytical Biochemistry</i> , 2020 , 590, 113531	3.1	14
11	MtDNA population variation in Myalgic encephalomyelitis/Chronic fatigue syndrome in two populations: a study of mildly deleterious variants. <i>Scientific Reports</i> , 2019 , 9, 2914	4.9	14
10	Xenobiotic/medium chain fatty acid: CoA ligase - a critical review on its role in fatty acid metabolism and the detoxification of benzoic acid and aspirin. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 1169-79	5.5	12
9	L-carnitine and long-chain acylcarnitines are positively correlated with ambulatory blood pressure in humans: the SABPA study. <i>Lipids</i> , 2013 , 48, 63-73	1.6	11
8	The simultaneous detection and quantification of p-aminobenzoic acid and its phase 2 biotransformation metabolites in human urine using LC-MS/MS. <i>Bioanalysis</i> , 2015 , 7, 1211-24	2.1	8
7	A laboratory approach for characterizing chronic fatigue: what does metabolomics tell us?. <i>Metabolomics</i> , 2019 , 15, 158	4.7	4
6	Biotransformation profiles from a cohort of chronic fatigue women in response to a hepatic detoxification challenge. <i>PLoS ONE</i> , 2019 , 14, e0216298	3.7	3
5	New insights into the catalytic mechanism of human glycine N-acyltransferase. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017 , 31, e21963	3.4	3

4	Carnitine palmitoyltransferase I activity monitoring in fibroblasts and leukocytes using electrospray ionization mass spectrometry. <i>Analytical Biochemistry</i> , 1998 , 256, 178-84	3.1	3
3	The Use of p-Aminobenzoic Acid as a Probe Substance for the Targeted Profiling of Glycine Conjugation. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016 , 30, 136-47	3.4	3
2	Health Status Is Affected, and Phase I/II Biotransformation Activity Altered in Young Women Using Oral Contraceptives Containing Drospirenone/Ethinyl Estradiol. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
1	Data on the optimisation of a solid phase extraction method for fractionating estrogen metabolites from small urine volumes. <i>Data in Brief</i> , 2020 , 29, 105222	1.2	0