

Franca M Buratti

List of Publications by Year in descending order

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33
papers

1,502
citations

394286

19
h-index

454834

30
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33
all docs

33
docs citations

33
times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Human variability in glutathione-S-transferase activities, tissue distribution and major polymorphic variants: Meta-analysis and implication for chemical risk assessment. <i>Toxicology Letters</i> , 2021, 337, 78-90.	0.4	27
2	Modelling human variability in toxicokinetic and toxicodynamic processes using Bayesian meta-analysis, physiologically-based modelling and in vitro systems. <i>EFSA Supporting Publications</i> , 2021, 18, 6504E.	0.3	13
3	Remediation Strategies to Control Toxic Cyanobacterial Blooms: Effects of Macrophyte Aqueous Extracts on <i>Microcystis aeruginosa</i> (Growth, Toxin Production and Oxidative Stress Response) and on Bacterial Ecto enzymatic Activities. <i>Microorganisms</i> , 2021, 9, 1782.	1.6	8
4	OpenCYP: An open source database exploring human variability in activities and frequencies of polymorphisms for major cytochrome P-450 isoforms across world populations. <i>Toxicology Letters</i> , 2021, 350, 267-282.	0.4	7
5	Human Variability in Carboxylesterases and carboxylesterase-related Uncertainty Factors for Chemical Risk Assessment. <i>Toxicology Letters</i> , 2021, 350, 162-170.	0.4	14
6	Phosmet bioactivation by isoform-specific cytochrome P450s in human hepatic and gut samples and metabolic interaction with chlorpyrifos. <i>Food and Chemical Toxicology</i> , 2020, 143, 111514.	1.8	13
7	Bayesian meta-analysis of inter-phenotypic differences in human serum paraoxonase-1 activity for chemical risk assessment. <i>Environment International</i> , 2020, 138, 105609.	4.8	19
8	In vitro detoxication of microcystins in human samples: variability among variants with different hydrophilicity and structure. <i>Toxicology Letters</i> , 2020, 322, 131-139.	0.4	12
9	Human variability in influx and efflux transporters in relation to uncertainty factors for chemical risk assessment. <i>Food and Chemical Toxicology</i> , 2020, 140, 111305.	1.8	16
10	Inter-ethnic differences in CYP3A4 metabolism: A Bayesian meta-analysis for the refinement of uncertainty factors in chemical risk assessment. <i>Computational Toxicology</i> , 2019, 12, 100092.	1.8	12
11	Metabolism of triflumuron in the human liver: Contribution of cytochrome P450 isoforms and esterases. <i>Toxicology Letters</i> , 2019, 312, 173-180.	0.4	7
12	Cyanotoxins: producing organisms, occurrence, toxicity, mechanism of action and human health toxicological risk evaluation. <i>Archives of Toxicology</i> , 2017, 91, 1049-1130.	1.9	430
13	Cyanobacteria blooms in water: Italian guidelines to assess and manage the risk associated to bathing and recreational activities. <i>Science of the Total Environment</i> , 2017, 598, 867-880.	3.9	35
14	Review and analysis of occurrence, exposure and toxicity of cyanobacteria toxins in food. <i>EFSA Supporting Publications</i> , 2016, 13, .	0.3	60
15	Risk to human health associated with the environmental occurrence of cyanobacterial neurotoxic alkaloids anatoxins and saxitoxins. <i>Critical Reviews in Toxicology</i> , 2016, 46, 385-419.	1.9	77
16	Microcystins: Toxicological Profile. , 2016, , 219-238.		2
17	Species- and congener-differences in microcystin-LR and -RR GSH conjugation in human, rat, and mouse hepatic cytosol. <i>Toxicology Letters</i> , 2015, 232, 133-140.	0.4	25
18	Microcystins: Toxicological Profile. , 2015, , 1-16.		0

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19	The conjugation of microcystin-RR by human recombinant GSTs and hepatic cytosol. <i>Toxicology Letters</i> , 2013, 219, 231-238.	0.4	28
20	The contribution of human small intestine to chlorpyrifos biotransformation. <i>Toxicology Letters</i> , 2012, 215, 42-48.	0.4	10
21	Emerging health issues of cyanobacterial blooms. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2012, 48, 415-428.	0.2	46
22	Human Glutathione Transferases Catalyzing the Conjugation of the Hepatoxin Microcystin-LR. <i>Chemical Research in Toxicology</i> , 2011, 24, 926-933.	1.7	48
23	Foetal and neonatal exposure to chlorpyrifos: Biochemical and metabolic alterations in the mouse liver at different developmental stages. <i>Toxicology</i> , 2011, 280, 98-108.	2.0	22
24	Chlorpyrifos. , 2010, , 1505-1526.		21
25	The participation of human hepatic P450 isoforms, flavin-containing monooxygenases and aldehyde oxidase in the biotransformation of the insecticide fenthion. <i>Toxicology and Applied Pharmacology</i> , 2008, 233, 343-352.	1.3	38
26	Cholinesterase inhibition and alterations of hepatic metabolism by oral acute and repeated chlorpyrifos administration to mice. <i>Toxicology</i> , 2007, 234, 90-102.	2.0	31
27	The Human Metabolism of Organophosphorothionate Pesticides: Consequences for Toxicological Risk Assessment. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2007, 2, 37-44.	0.5	32
28	Evidences for CYP3A4 autoactivation in the desulfuration of dimethoate by the human liver. <i>Toxicology</i> , 2007, 241, 33-46.	2.0	48
29	Foetal and adult human CYP3A isoforms in the bioactivation of organophosphorothionate insecticides. <i>Toxicology Letters</i> , 2006, 167, 245-255.	0.4	37
30	Malathion detoxification by human hepatic carboxylesterases and its inhibition by isomalathion and other pesticides. <i>Journal of Biochemical and Molecular Toxicology</i> , 2006, 19, 406-414.	1.4	43
31	MALATHION BIOACTIVATION IN THE HUMAN LIVER: THE CONTRIBUTION OF DIFFERENT CYTOCHROME P450 ISOFORMS. <i>Drug Metabolism and Disposition</i> , 2005, 33, 295-302.	1.7	97
32	CYP-specific bioactivation of four organophosphorothioate pesticides by human liver microsomes. <i>Toxicology and Applied Pharmacology</i> , 2003, 186, 143-154.	1.3	165
33	Kinetic parameters of OPT pesticide desulfuration by c-DNA expressed human CYPs. <i>Environmental Toxicology and Pharmacology</i> , 2002, 11, 181-190.	2.0	59