

Stelvio M Bandiera

List of Publications by Year in descending order

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26
papers

1,033
citations

430874

18
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1315
citing authors

#	ARTICLE	IF	CITATIONS
1	The monooxygenase, peroxidase, and peroxygenase properties of cytochrome P450. Archives of Biochemistry and Biophysics, 2012, 522, 71-89.	3.0	127
2	Immunoquantitation and Microsomal Monooxygenase Activities of Hepatic Cytochromes P4501A and P4502B and Chlorinated Hydrocarbon Contaminant Levels in Polar Bear (<i>Ursus maritimus</i>). Toxicology and Applied Pharmacology, 1996, 137, 127-140.	2.8	113
3	Monooxygenase, Peroxidase and Peroxygenase Properties and Reaction Mechanisms of Cytochrome P450 Enzymes. Advances in Experimental Medicine and Biology, 2015, 851, 1-61.	1.6	82
4	Real-Time Polymerase Chain Reaction Analysis of CYP1B1 Gene Expression in Human Liver. Toxicological Sciences, 2003, 71, 11-19.	3.1	70
5	Biotransformation of 2,2,4,4-Tetrabromodiphenyl Ether (BDE-47) by Human Liver Microsomes: Identification of Cytochrome P450 2B6 as the Major Enzyme Involved. Chemical Research in Toxicology, 2013, 26, 721-731.	3.3	66
6	Comparative Oxidative Metabolism of BDE-47 and BDE-99 by Rat Hepatic Microsomes. Toxicological Sciences, 2011, 123, 37-47.	3.1	60
7	Oxidative Metabolism of BDE-99 by Human Liver Microsomes: Predominant Role of CYP2B6. Toxicological Sciences, 2012, 129, 280-292.	3.1	56
8	2,2,3,3,6,6-Hexachlorobiphenyl (PCB 136) Atropisomers Interact Enantioselectively with Hepatic Microsomal Cytochrome P450 Enzymes. Chemical Research in Toxicology, 2008, 21, 1295-1303.	3.3	55
9	Identification of Human Hepatic Cytochrome P450 Enzymes Involved in the Biotransformation of Cholic and Chenodeoxycholic Acid. Drug Metabolism and Disposition, 2008, 36, 1983-1991.	3.3	41
10	Analysis and measurement of serotonin. Biomedical Chromatography, 2018, 32, e4135.	1.7	37
11	Hepatic bile acid metabolism and expression of cytochrome P450 and related enzymes are altered in Bsep ^{+/+} /Bsep ^{-/-} mice. Molecular and Cellular Biochemistry, 2014, 389, 119-132.	3.1	35
12	Catalytic and immunologic characterization of hepatic and lung cytochromes P450 in the polar bear. Biochemical Pharmacology, 1995, 49, 1135-1146.	4.4	33
13	Biotransformation of Lithocholic Acid by Rat Hepatic Microsomes: Metabolite Analysis by Liquid Chromatography/Mass Spectrometry. Drug Metabolism and Disposition, 2008, 36, 442-451.	3.3	31
14	Validation of a novel in vitro assay using ultra performance liquid chromatography-mass spectrometry (UPLC/MS) to detect and quantify hydroxylated metabolites of BDE-99 in rat liver microsomes. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 1562-1568.	2.3	31
15	3-Ketocholanoic Acid Is the Major in Vitro Human Hepatic Microsomal Metabolite of Lithocholic Acid. Drug Metabolism and Disposition, 2009, 37, 1938-1947.	3.3	29
16	Editor's Highlight: Congener-Specific Disposition of Chiral Polychlorinated Biphenyls in Lactating Mice and Their Offspring: Implications for PCB Developmental Neurotoxicity. Toxicological Sciences, 2017, 158, 101-115.	3.1	28
17	Developmental Expression and Endocrine Regulation of CYP1B1 in Rat Testis. Drug Metabolism and Disposition, 2009, 37, 523-528.	3.3	26
18	Inductive effect of telazol [®] on hepatic expression of cytochrome p450 2B in rats. Biochemical Pharmacology, 1996, 52, 735-742.	4.4	18

#	ARTICLE	IF	CITATIONS
19	Spectral interactions of tetrachlorobiphenyls with hepatic microsomal cytochrome P450 enzymes. <i>Chemico-Biological Interactions</i> , 2003, 146, 285-296.	4.0	18
20	Evaluation of hepatic biotransformation of polybrominated diphenyl ethers in the polar bear (<i>Ursus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	15
21	Localization of Cytochrome P450 and Related Enzymes in Adult Rat Testis and Downregulation by Estradiol and Bisphenol A. <i>Toxicological Sciences</i> , 2014, 140, 26-39.	3.1	14
22	Regulation of Cytochrome P450 1B1 Expression by Luteinizing Hormone in Mouse MA-10 and Rat R2C Leydig Cells: Role of Protein Kinase A1. <i>Biology of Reproduction</i> , 2011, 85, 89-96.	2.7	13
23	Levels of PBDEs in plasma of juvenile starlings (<i>Sturnus vulgaris</i>) from British Columbia, Canada and assessment of PBDE metabolism by avian liver microsomes. <i>Science of the Total Environment</i> , 2015, 518-519, 31-37.	8.0	13
24	Hepatic microsomal metabolism of BDE-47 and BDE-99 by lesser snow geese and Japanese quail. <i>Chemosphere</i> , 2017, 182, 559-566.	8.2	10
25	Cytochrome P450 Enzymes. , 2007, , 627-696.		9
26	Estradiol-mediated suppression of CYP1B1 expression in mouse MA-10 Leydig cells is independent of protein kinase A and estrogen receptor. <i>Molecular and Cellular Biochemistry</i> , 2011, 358, 387-395.	3.1	3