Maria de Lourdes Bastos

List of Publications by Year in Descending Order

269 papers	9,153 citations	49 h-index	80 g-index
370 ext. papers	10,266 ext. citations	4.4 avg, IF	6.02 L-index

#	Paper	IF	Citations
269	Cardiotoxicity of cyclophosphamide's metabolites: an in vitro metabolomics approach in AC16 human cardiomyocytes.. *Archives of Toxicology*, **2022**, 96, 653	5.8	0
268	Chemobrain: mitoxantrone-induced oxidative stress, apoptotic and autophagic neuronal death in adult CD-1 mice.. *Archives of Toxicology*, **2022**, 1	5.8	0
267	Comprehensive Metabolomics and Lipidomics Profiling of Prostate Cancer Tissue Reveals Metabolic Dysregulations Associated with Disease Development. *Journal of Proteome Research*, **2021**,	5.6	2
266	4-Fluoromethamphetamine (4-FMA) induces in vitro hepatotoxicity mediated by CYP2E1, CYP2D6, and CYP3A4 metabolism. *Toxicology*, **2021**, 463, 152988	4.4	1
265	Four decades of chemotherapy-induced cognitive dysfunction: comprehensive review of clinical, animal and in vitro studies, and insights of key initiating events. *Archives of Toxicology*, **2021**, 1	5.8	2
264	Advances and Perspectives in Prostate Cancer Biomarker Discovery in the Last 5 Years through Tissue and Urine Metabolomics. *Metabolites*, **2021**, 11,	5.6	12
263	Urinary Volatilomics Unveils a Candidate Biomarker Panel for Noninvasive Detection of Clear Cell Renal Cell Carcinoma. *Journal of Proteome Research*, **2021**, 20, 3068-3077	5.6	5
262	Inflammation as a Possible Trigger for Mitoxantrone-Induced Cardiotoxicity: An In Vivo Study in Adult and Infant Mice. *Pharmaceuticals*, **2021**, 14,	5.2	3
261	An updated review on synthetic cathinones. *Archives of Toxicology*, **2021**, 95, 2895-2940	5.8	10
260	Volatile profile of cork as a tool for classification of natural cork stoppers. *Talanta*, **2021**, 223, 121698	6.2	3
259	In vivo toxicometabolomics reveals multi-organ and urine metabolic changes in mice upon acute exposure to human-relevant doses of 3,4-methylenedioxypyrovalerone (MDPV). *Archives of Toxicology*, **2021**, 95, 509-527	5.8	3
258	Cellular uptake and toxicity of gold nanoparticles on two distinct hepatic cell models. *Toxicology in Vitro*, **2021**, 70, 105046	3.6	15
257	From street to lab: in vitro hepatotoxicity of buphedrone, butylone and 3,4-DMMC. *Archives of Toxicology*, **2021**, 95, 1443-1462	5.8	2
256	Discovery of Volatile Biomarkers for Bladder Cancer Detection and Staging through Urine Metabolomics. *Metabolites*, **2021**, 11,	5.6	9
255	Exploring the aging effect of the anticancer drugs doxorubicin and mitoxantrone on cardiac mitochondrial proteome using a murine model. *Toxicology*, **2021**, 459, 152852	4.4	2
254	The Impact of Different Closures on the Flavor Composition of Wines during Bottle Aging. *Foods*, **2021**, 10,	4.9	3
253	Adverse outcome pathways induced by 3,4-dimethylmethcathinone and 4-methylmethcathinone in differentiated human SH-SY5Y neuronal cells. *Archives of Toxicology*, **2020**, 94, 2481-2503	5.8	3

252	Effect of temperature on 3,4-Methylenedioxypyrovalerone (MDPV)-induced metabolome disruption in primary mouse hepatic cells. *Toxicology*, **2020**, 441, 152503	4.4	6
251	New findings on urinary prostate cancer metabolome through combined GC-MS and H NMR analytical platforms. *Metabolomics*, **2020**, 16, 70	4.7	13
250	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. *Nanomaterials*, **2020**, 10,	5.4	25
249	Drinking to death: Hyponatraemia induced by synthetic phenethylamines. *Drug and Alcohol Dependence*, **2020**, 212, 108045	4.9	9
248	In vitro mechanistic studies on amanitin and its putative antidotes. *Archives of Toxicology*, **2020**, 94, 2061-2078	5.8	6
247	Diet aid or aid to die: an update on 2,4-dinitrophenol (2,4-DNP) use as a weight-loss product. *Archives of Toxicology*, **2020**, 94, 1071-1083	5.8	8
246	3,4-Methylenedioxymethamphetamine Hepatotoxicity under the Heat Stress Condition: Novel Insights from in Vitro Metabolomic Studies. *Journal of Proteome Research*, **2020**, 19, 1222-1234	5.6	5
245	Study of the intestinal uptake and permeability of gold nanoparticles using both in vitro and in vivo approaches. *Nanotechnology*, **2020**, 31, 195102	3.4	12
244	Volatilomics Reveals Potential Biomarkers for Identification of Renal Cell Carcinoma: An In Vitro Approach. *Metabolites*, **2020**, 10,	5.6	1
243	Oxygenated xanthones as P-glycoprotein modulators at the intestinal barrier: in vitro and docking studies. *Medicinal Chemistry Research*, **2020**, 29, 1041-1057	2.2	5
242	Biodistribution and metabolic profile of 3,4-dimethylmethcathinone (3,4-DMMC) in Wistar rats through gas chromatography-mass spectrometry (GC-MS) analysis. *Toxicology Letters*, **2020**, 320, 113-123	4.4	5
241	P-glycoprotein activation by 1-(propan-2-ylamino)-4-propoxy-9H-thioxanthen-9-one (TX5) in rat distal ileum: ex vivo and in vivo studies. *Toxicology and Applied Pharmacology*, **2020**, 386, 114832	4.6	2
240	Emerging club drugs: 5-(2-aminopropyl)benzofuran (5-APB) is more toxic than its isomer 6-(2-aminopropyl)benzofuran (6-APB) in hepatocyte cellular models. *Archives of Toxicology*, **2020**, 94, 609-629	5.8	6
239	A Panel of Urinary Volatile Biomarkers for Differential Diagnosis of Prostate Cancer from Other Urological Cancers. *Cancers*, **2020**, 12,	6.6	9
238	Mitoxantrone impairs proteasome activity and prompts early energetic and proteomic changes in HL-1 cardiomyocytes at clinically relevant concentrations. *Archives of Toxicology*, **2020**, 94, 4067-4084	5.8	3
237	Pharmacokinetics, pharmacodynamics, and toxicity of the new psychoactive substance 3,4-dimethylmethcathinone (3,4-DMMC). *Forensic Toxicology*, **2020**, 38, 15-29	2.6	5
236	The new psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone) induces oxidative stress, apoptosis, and autophagy in primary rat hepatocytes at human-relevant concentrations. *Archives of Toxicology*, **2019**, 93, 2617-2634	5.8	11
235	Structure-cytotoxicity relationship profile of 13 synthetic cathinones in differentiated human SH-SY5Y neuronal cells. *NeuroToxicology*, **2019**, 75, 158-173	4.4	15

234	Metabolic signature of methylone in primary mouse hepatocytes, at subtoxic concentrations. *Archives of Toxicology*, **2019**, 93, 3277-3290	5.8	7
233	GC-MS Metabolomics Reveals Distinct Profiles of Low- and High-Grade Bladder Cancer Cultured Cells. *Metabolites*, **2019**, 9,	5.6	8
232	A multiparametric study of gold nanoparticles cytotoxicity, internalization and permeability using an model of blood-brain barrier. Influence of size, shape and capping agent. *Nanotoxicology*, **2019**, 13, 990-1004	5.3	14
231	The Main Metabolites of Fluorouracil + Adriamycin + Cyclophosphamide (FAC) Are Not Major Contributors to FAC Toxicity in H9c2 Cardiac Differentiated Cells. *Biomolecules*, **2019**, 9,	5.9	4
230	An effective antidotal combination of polymyxin B and methylprednisolone for □amanitin intoxication. *Archives of Toxicology*, **2019**, 93, 1449-1463	5.8	10
229	Benzo fury: A new trend in the drug misuse scene. *Journal of Applied Toxicology*, **2019**, 39, 1083-1095	4.1	7
228	Methods for the analysis of transcriptome dynamics. *Toxicology Research*, **2019**, 8, 597-612	2.6	5
227	Hepatic Metabolic Derangements Triggered by Hyperthermia: An In Vitro Metabolomic Study. *Metabolites*, **2019**, 9,	5.6	3
226	Identification of a biomarker panel for improvement of prostate cancer diagnosis by volatile metabolic profiling of urine. *British Journal of Cancer*, **2019**, 121, 857-868	8.7	37
225	Histological and toxicological evaluation, in rat, of a P-glycoprotein inducer and activator: 1-(propan-2-ylamino)-4-propoxy-9-thioxanthen-9-one (TX5). *EXCLI Journal*, **2019**, 18, 697-722	2.4	1
224	A Metabolomic Approach for the In Vivo Study of Gold Nanospheres and Nanostars after a Single-Dose Intravenous Administration to Wistar Rats. *Nanomaterials*, **2019**, 9,	5.4	8
223	l-proline supplementation improves nitric oxide bioavailability and counteracts the blood pressure rise induced by angiotensin II in rats. *Nitric Oxide - Biology and Chemistry*, **2019**, 82, 1-11	5	16
222	Doxorubicin Is Key for the Cardiotoxicity of FAC (5-Fluorouracil + Adriamycin + Cyclophosphamide) Combination in Differentiated H9c2 Cells. *Biomolecules*, **2019**, 9,	5.9	6
221	The novel psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone): A review. *Forensic Science International*, **2019**, 295, 54-63	2.6	14
220	Quantification of Methadone and Main Metabolites in Nails. *Journal of Analytical Toxicology*, **2018**, 42, 192-206	2.9	4
219	Involvement of Mitochondrial Dysfunction on the Toxic Effects Caused by Drugs of Abuse and Addiction **2018**, 487-508		
218	Volatile metabolomic signature of bladder cancer cell lines based on gas chromatography-mass spectrometry. *Metabolomics*, **2018**, 14, 62	4.7	24
217	Snake venoms from Angola: Intra-specific variations and immunogenicity. *Toxicon*, **2018**, 148, 85-94	2.8	2

216	Discrimination between the human prostate normal and cancer cell exometabolome by GC-MS. *Scientific Reports*, **2018**, 8, 5539	4.9	29
215	NMR-based metabolomics studies of human prostate cancer tissue. *Metabolomics*, **2018**, 14, 88	4.7	11
214	GC-MS-Based Endometabolome Analysis Differentiates Prostate Cancer from Normal Prostate Cells. *Metabolites*, **2018**, 8,	5.6	15
213	Mitoxantrone is More Toxic than Doxorubicin in SH-SY5Y Human Cells: A 'Chemobrain' In Vitro Study. *Pharmaceuticals*, **2018**, 11,	5.2	8
212	Pixantrone, a new anticancer drug with the same old cardiac problems? An in vitro study with differentiated and non-differentiated H9c2 cells. *Interdisciplinary Toxicology*, **2018**, 11, 13-21	2.3	3
211	GC-MS metabolomics reveals disturbed metabolic pathways in primary mouse hepatocytes exposed to subtoxic levels of 3,4-methylenedioxymethamphetamine (MDMA). *Archives of Toxicology*, **2018**, 92, 3307-3323	5.8	21
210	Ethanol addictively enhances the in vitro cardiotoxicity of cocaine through oxidative damage, energetic deregulation, and apoptosis. *Archives of Toxicology*, **2018**, 92, 2311-2325	5.8	10
209	Analysis of extracellular metabolome by HS-SPME/GC-MS: Optimization and application in a pilot study to evaluate galactosamine-induced hepatotoxicity. *Toxicology Letters*, **2018**, 295, 22-31	4.4	14
208	In vitro hepatotoxicity of 'Legal X': the combination of 1-benzylpiperazine (BZP) and 1-(m-trifluoromethylphenyl)piperazine (TFMPP) triggers oxidative stress, mitochondrial impairment and apoptosis. *Archives of Toxicology*, **2017**, 91, 1413-1430	5.8	14
207	Neurotoxicity of β-Keto Amphetamines: Deathly Mechanisms Elicited by Methylone and MDPV in Human Dopaminergic SH-SY5Y Cells. *ACS Chemical Neuroscience*, **2017**, 8, 850-859	5.7	41
206	Toxicity of the amphetamine metabolites 4-hydroxyamphetamine and 4-hydroxynorephedrine in human dopaminergic differentiated SH-SY5Y cells. *Toxicology Letters*, **2017**, 269, 65-76	4.4	10
205	Metabolomic approaches in the discovery of potential urinary biomarkers of drug-induced liver injury (DILI). *Critical Reviews in Toxicology*, **2017**, 47, 633-649	5.7	16
204	Methylphenidate effects in the young brain: friend or foe?. *International Journal of Developmental Neuroscience*, **2017**, 60, 34-47	2.7	18
203	Methylone and MDPV activate autophagy in human dopaminergic SH-SY5Y cells: a new insight into the context of β-keto amphetamines-related neurotoxicity. *Archives of Toxicology*, **2017**, 91, 3663-3676	5.8	37
202	GC-MS metabolomics-based approach for the identification of a potential VOC-biomarker panel in the urine of renal cell carcinoma patients. *Journal of Cellular and Molecular Medicine*, **2017**, 21, 2092-2103	5.6	51
201	Cellular Models and In Vitro Assays for the Screening of modulators of P-gp, MRP1 and BCRP. *Molecules*, **2017**, 22,	4.8	70
200	Studies towards the synthesis of dicarboxylic acid metabolite of mitoxantrone:. *Porto Biomedical Journal*, **2017**, 2, 220-221	1.1	
199	Renal cell carcinoma: a critical analysis of metabolomic biomarkers emerging from current model systems. *Translational Research*, **2017**, 180, 1-11	11	24

198	Quantification of 1-(propan-2-ylamino)-4-propoxy-9H-thioxanthen-9-one (TX5), a newly synthetized P-glycoprotein inducer/activator, in biological samples: method development and validation. *Biomedical Chromatography*, **2017**, 31, e3802	1.7	1
197	Naphthoquinoxaline metabolite of mitoxantrone is less cardiotoxic than the parent compound and it can be a more cardiosafe drug in anticancer therapy. *Archives of Toxicology*, **2017**, 91, 1871-1890	5.8	15
196	In vitro neurotoxicity evaluation of piperazine designer drugs in differentiated human neuroblastoma SH-SY5Y cells. *Journal of Applied Toxicology*, **2016**, 36, 121-30	4.1	25
195	Nuclear Magnetic Resonance metabolomics reveals an excretory metabolic signature of renal cell carcinoma. *Scientific Reports*, **2016**, 6, 37275	4.9	28
194	Editor's Highlight: Characterization of Hepatotoxicity Mechanisms Triggered by Designer Cathinone Drugs (Keto Amphetamines). *Toxicological Sciences*, **2016**, 153, 89-102	4.4	42
193	3,4-Methylenedioxypyrovalerone (MDPV): in vitro mechanisms of hepatotoxicity under normothermic and hyperthermic conditions. *Archives of Toxicology*, **2016**, 90, 1959-73	5.8	52
192	Hepatotoxicity of piperazine designer drugs: up-regulation of key enzymes of cholesterol and lipid biosynthesis. *Archives of Toxicology*, **2016**, 90, 3045-3060	5.8	20
191	Chemical characterization and in vitro cyto- and genotoxicity of legal high products containing Kratom (Mitragyna speciosa). *Forensic Toxicology*, **2016**, 34, 213-226	2.6	8
190	Inorganic mercury intoxication: A case report. *Forensic Science International*, **2016**, 259, e20-4	2.6	11
189	Optimisation and validation of a HS-SPME-GC-IT/MS method for analysis of carbonyl volatile compounds as biomarkers in human urine: Application in a pilot study to discriminate individuals with smoking habits. *Talanta*, **2016**, 148, 486-93	6.2	31
188	Mitochondrial Trails in the Neurotoxic Mechanisms of MDMA **2016**, 431-444		
187	Biomarkers in bladder cancer: A metabolomic approach using in vitro and ex vivo model systems. *International Journal of Cancer*, **2016**, 139, 256-68	7.5	49
186	"Ecstasy" toxicity to adolescent rats following an acute low binge dose. *BMC Pharmacology & Toxicology*, **2016**, 17, 28	2.6	7
185	Biomarker Discovery in Human Prostate Cancer: an Update in Metabolomics Studies. *Translational Oncology*, **2016**, 9, 357-70	4.9	89
184	The age factor for mitoxantrone's cardiotoxicity: multiple doses render the adult mouse heart more susceptible to injury. *Toxicology*, **2015**, 329, 106-19	4.4	21
183	Mitochondria: key players in the neurotoxic effects of amphetamines. *Archives of Toxicology*, **2015**, 89, 1695-725	5.8	52
182	Paraquat: Molecular Mechanisms of Neurotoxicity and its Relation with Autophagy. *Current Topics in Neurotoxicity*, **2015**, 159-170		1
181	Quantification of alpha-amanitin in biological samples by HPLC using simultaneous UV- diode array and electrochemical detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2015**, 997, 85-95	3.2	24

180	Co-ingestion of amatoxins and isoxazoles-containing mushrooms and successful treatment: A case report. *Toxicon*, **2015**, 103, 55-9	2.8	13
179	Determination of amatoxins and phallotoxins in Amanita phalloides mushrooms from northeastern Portugal by HPLC-DAD-MS. *Mycologia*, **2015**, 107, 679-87	2.4	18
178	Chromium speciation and biochemical changes vary in relation to plant ploidy. *Journal of Inorganic Biochemistry*, **2015**, 145, 70-8	4.2	9
177	The hallucinogenic world of tryptamines: an updated review. *Archives of Toxicology*, **2015**, 89, 1151-73	5.8	147
176	Hepatotoxicity of piperazine designer drugs: Comparison of different in vitro models. *Toxicology in Vitro*, **2015**, 29, 987-96	3.6	30
175	A breakthrough on Amanita phalloides poisoning: an effective antidotal effect by polymyxin B. *Archives of Toxicology*, **2015**, 89, 2305-23	5.8	27
174	Amanita phalloides poisoning: Mechanisms of toxicity and treatment. *Food and Chemical Toxicology*, **2015**, 86, 41-55	4.7	85
173	Modulation of P-glycoprotein efflux pump: induction and activation as a therapeutic strategy. *Pharmacology & Therapeutics*, **2015**, 149, 1-123	13.9	221
172	The neurotoxicity of amphetamines during the adolescent period. *International Journal of Developmental Neuroscience*, **2015**, 41, 44-62	2.7	53
171	Several transport systems contribute to the intestinal uptake of Paraquat, modulating its cytotoxic effects. *Toxicology Letters*, **2015**, 232, 271-83	4.4	15
170	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of 'legal high' packages containing synthetic cathinones. *Archives of Toxicology*, **2015**, 89, 757-71	5.8	60
169	Clinical and forensic signs related to chemical burns: a mechanistic approach. *Burns*, **2015**, 41, 658-79	2.3	21
168	P-glycoprotein induction in Caco-2 cells by newly synthetized thioxanthones prevents paraquat cytotoxicity. *Archives of Toxicology*, **2015**, 89, 1783-800	5.8	28
167	Is hyperthermia the triggering factor for hepatotoxicity induced by Bath salts? An in vitro study using primary cultured rat hepatocytes. *Toxicology Letters*, **2015**, 238, S260	4.4	
166	The Role of the Metabolism of Anticancer Drugs in Their Induced-Cardiotoxicity. *Current Drug Metabolism*, **2015**, 17, 75-90	3.5	22
165	In vitro models for neurotoxicology research. *Toxicology Research*, **2015**, 4, 801-842	2.6	23
164	Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases--a mechanistic approach. *Toxicology Letters*, **2014**, 230, 85-103	4.4	231
163	Mitochondrial cumulative damage induced by mitoxantrone: late onset cardiac energetic impairment. *Cardiovascular Toxicology*, **2014**, 14, 30-40	3.4	28

162	MDMA impairs mitochondrial neuronal trafficking in a Tau- and Mitofusin2/Drp1-dependent manner. *Archives of Toxicology*, **2014**, 88, 1561-72	5.8	15
161	"Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. *Archives of Toxicology*, **2014**, 88, 515-31	5.8	23
160	The mixture of "ecstasy" and its metabolites is toxic to human SH-SY5Y differentiated cells at in vivo relevant concentrations. *Archives of Toxicology*, **2014**, 88, 455-73	5.8	39
159	Induction and activation of P-glycoprotein by dihydroxylated xanthones protect against the cytotoxicity of the P-glycoprotein substrate paraquat. *Archives of Toxicology*, **2014**, 88, 937-51	5.8	32
158	Cumulative mitoxantrone-induced haematological and hepatic adverse effects in a subchronic in vivo study. *Basic and Clinical Pharmacology and Toxicology*, **2014**, 114, 254-62	3.1	10
157	Khat and synthetic cathinones: a review. *Archives of Toxicology*, **2014**, 88, 15-45	5.8	223
156	Lysine acetylsalicylate improves the safety of paraquat formulation in rats by increasing its elimination and preventing lung and kidney injury. *Toxicology Research*, **2014**, 3, 266	2.6	2
155	Quantification of total and hexavalent chromium in lager beers: variability between styles and estimation of daily intake of chromium from beer. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 9195-200	5.7	12
154	Modeling chronic brain exposure to amphetamines using primary rat neuronal cortical cultures. *Neuroscience*, **2014**, 277, 417-34	3.9	5
153	Analytical investigation of legal high products containing Salvia divinorum traded in smartshops and internet. *Forensic Science International*, **2014**, 242, 255-260	2.6	7
152	Non-targeted and targeted analysis of wild toxic and edible mushrooms using gas chromatography-ion trap mass spectrometry. *Talanta*, **2014**, 118, 292-303	6.2	23
151	Biomarkers in renal cell carcinoma: a metabolomics approach. *Metabolomics*, **2014**, 10, 1210-1222	4.7	21
150	New in silico insights into the inhibition of RNAP II by α-amanitin and the protective effect mediated by effective antidotes. *Journal of Molecular Graphics and Modelling*, **2014**, 51, 120-7	2.8	9
149	Colchicine effect on P-glycoprotein expression and activity: in silico and in vitro studies. *Chemico-Biological Interactions*, **2014**, 218, 50-62	5	27
148	The mixture of "ecstasy" and its metabolites impairs mitochondrial fusion/fission equilibrium and trafficking in hippocampal neurons, at in vivo relevant concentrations. *Toxicological Sciences*, **2014**, 139, 407-20	4.4	22
147	Short- and long-term distribution and toxicity of gold nanoparticles in the rat after a single-dose intravenous administration. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2014**, 10, 1757-66	6	88
146	Piperazine designer drugs induce toxicity in cardiomyoblast h9c2 cells through mitochondrial impairment. *Toxicology Letters*, **2014**, 229, 178-89	4.4	37
145	RBE4 cells are highly resistant to paraquat-induced cytotoxicity: studies on uptake and efflux mechanisms. *Journal of Applied Toxicology*, **2014**, 34, 1023-30	4.1	16

144	Lysine acetylsalicylate increases the safety of a paraquat formulation to freshwater primary producers: a case study with the microalga Chlorella vulgaris. *Aquatic Toxicology*, **2014**, 146, 137-43	5.1	13
143	Analysis of volatile human urinary metabolome by solid-phase microextraction in combination with gas chromatography-mass spectrometry for biomarker discovery: application in a pilot study to discriminate patients with renal cell carcinoma. *European Journal of Cancer*, **2014**, 50, 1993-2002	7.5	42
142	Neuronal Mitochondrial Trafficking Impairment: The Cause or a Consequence of Neuronal Dysfunction Caused by Amphetamine-Like Drugs. *Journal of Drug and Alcohol Research*, **2014**, 3, 1-7	1	1
141	Update on 1-benzylpiperazine (BZP) party pills. *Archives of Toxicology*, **2013**, 87, 929-47	5.8	27
140	The heart as a target for xenobiotic toxicity: the cardiac susceptibility to oxidative stress. *Chemical Research in Toxicology*, **2013**, 26, 1285-311	4	58
139	Therapeutic concentrations of mitoxantrone elicit energetic imbalance in H9c2 cells as an earlier event. *Cardiovascular Toxicology*, **2013**, 13, 413-25	3.4	26
138	Neurotoxicity of "ecstasy" and its metabolites in human dopaminergic differentiated SH-SY5Y cells. *Toxicology Letters*, **2013**, 216, 159-70	4.4	31
137	The neurotoxicity of hallucinogenic amphetamines in primary cultures of hippocampal neurons. *NeuroToxicology*, **2013**, 34, 254-63	4.4	31
136	Paraquat research: do recent advances in limiting its toxicity make its use safer?. *British Journal of Pharmacology*, **2013**, 168, 44-5	8.6	36
135	Influence of the surface coating on the cytotoxicity, genotoxicity and uptake of gold nanoparticles in human HepG2 cells. *Journal of Applied Toxicology*, **2013**, 33, 1111-9	4.1	76
134	Doxorubicin decreases paraquat accumulation and toxicity in Caco-2 cells. *Toxicology Letters*, **2013**, 217, 34-41	4.4	21
133	The metabolic profile of mitoxantrone and its relation with mitoxantrone-induced cardiotoxicity. *Archives of Toxicology*, **2013**, 87, 1809-20	5.8	37
132	Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin. *Toxicology Letters*, **2013**, 220, 259-66	4.4	23
131	New formulation of paraquat with lysine acetylsalicylate with low mammalian toxicity and effective herbicidal activity. *Pest Management Science*, **2013**, 69, 553-8	4.6	14
130	Development of novel rifampicin-derived P-glycoprotein activators/inducers. synthesis, in silico analysis and application in the RBE4 cell model, using paraquat as substrate. *PLoS ONE*, **2013**, 8, e74425	3.7	18
129	Differential Effects of Methyl-4-Phenylpyridinium Ion, Rotenone, and Paraquat on Differentiated SH-SY5Y Cells. *Journal of Toxicology*, **2013**, 2013, 347312	3.1	25
128	Cocaine-induced kidney toxicity: an in vitro study using primary cultured human proximal tubular epithelial cells. *Archives of Toxicology*, **2012**, 86, 249-61	5.8	26
127	Toxicity of amphetamines: an update. *Archives of Toxicology*, **2012**, 86, 1167-231	5.8	296

126	Piperazine compounds as drugs of abuse. *Drug and Alcohol Dependence*, **2012**, 122, 174-85	4.9	120
125	Effect of surface coating on the biodistribution profile of gold nanoparticles in the rat. *European Journal of Pharmaceutics and Biopharmaceutics*, **2012**, 80, 185-93	5.7	73
124	Quantification of paraquat in postmortem samples by gas chromatography-ion trap mass spectrometry and review of the literature. *Biomedical Chromatography*, **2012**, 26, 338-49	1.7	28
123	Tolerance and bioaccumulation of copper by the entomopathogen Beauveria bassiana (Bals.-Criv.) Vuill. exposed to various copper-based fungicides. *Bulletin of Environmental Contamination and Toxicology*, **2012**, 89, 53-60	2.7	6
122	Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. *British Journal of Pharmacology*, **2012**, 165, 1017-33	8.6	45
121	Contribution of oxidative metabolism to cocaine-induced liver and kidney damage. *Current Medicinal Chemistry*, **2012**, 19, 5601-6	4.3	46
120	Benzodiazepine stability in postmortem samples stored at different temperatures. *Journal of Analytical Toxicology*, **2012**, 36, 52-60	2.9	29
119	Synephrine: from trace concentrations to massive consumption in weight-loss. *Food and Chemical Toxicology*, **2011**, 49, 8-16	4.7	71
118	P-glycoprotein induction by hypericin protects Caco-2 cells against paraquat toxicity. *Toxicology Letters*, **2011**, 205, S93-S94	4.4	2
117	A rapid and simple procedure for the establishment of human normal and cancer renal primary cell cultures from surgical specimens. *PLoS ONE*, **2011**, 6, e19337	3.7	41
116	Effect of 3,4-methylenedioxyamphetamine on dendritic spine dynamics in rat neocortical neurons--involvement of heat shock protein 27. *Brain Research*, **2011**, 1370, 43-52	3.7	5
115	In vitro study of P-glycoprotein induction as an antidotal pathway to prevent cytotoxicity in Caco-2 cells. *Archives of Toxicology*, **2011**, 85, 315-26	5.8	42
114	Structural isomerization of synephrine influences its uptake and ensuing glutathione depletion in rat-isolated cardiomyocytes. *Archives of Toxicology*, **2011**, 85, 929-39	5.8	20
113	Neuronal nitric oxide synthase is a key factor in doxorubicin-induced toxicity to rat-isolated cortical neurons. *Neurotoxicity Research*, **2011**, 19, 14-22	4.3	12
112	P-glycoprotein activity in human Caucasian male lymphocytes does not follow its increased expression during aging. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2011**, 79, 912-9	4.6	23
111	Contribution of catecholamine reactive intermediates and oxidative stress to the pathologic features of heart diseases. *Current Medicinal Chemistry*, **2011**, 18, 2272-314	4.3	77
110	Antioxidant properties and associated mechanisms of salicylates. *Current Medicinal Chemistry*, **2011** , 18, 3252-64	4.3	34
109	First report on Cydonia oblonga Miller anticancer potential: differential antiproliferative effect against human kidney and colon cancer cells. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 3366-70	5.7	62

108	Chromium speciation analysis in bread samples. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 1366-70	5.7	45
107	Determination of formic acid in urine of workers occupationally exposed to formaldehyde. *Toxicology Letters*, **2010**, 196, S74	4.4	3
106	Comparative effects of 3,4-methylenedioxymethamphetamine and 4-methylthioamphetamine on rat liver mitochondrial function. *Toxicology*, **2010**, 270, 99-105	4.4	10
105	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. *Toxicology* , **2010**, 270, 150-7	4.4	11
104	Development and validation of a GC/IT-MS method for simultaneous quantitation of para and meta-synephrine in biological samples. *Journal of Pharmaceutical and Biomedical Analysis*, **2010**, 52, 721-6	3.5	20
103	Gas chromatography-ion trap mass spectrometry method for the simultaneous measurement of MDMA (ecstasy) and its metabolites, MDA, HMA, and HMMA in plasma and urine. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2010**, 878, 815-22	3.2	15
102	Development and validation of a gas chromatography/ion trap-mass spectrometry method for simultaneous quantification of cocaine and its metabolites benzoylecgonine and norcocaine: application to the study of cocaine metabolism in human primary cultured renal cells. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2010**, 878, 3083-8	3.2	18
101	Mechanisms underlying the hepatotoxic effects of ecstasy. *Current Pharmaceutical Biotechnology*, **2010**, 11, 476-95	2.6	45
100	An effective antidote for paraquat poisonings: the treatment with lysine acetylsalicylate. *Toxicology*, **2009**, 255, 187-93	4.4	42
99	Molecular and cellular mechanisms of ecstasy-induced neurotoxicity: an overview. *Molecular Neurobiology*, **2009**, 39, 210-71	6.2	223
98	Ecstasy-induced oxidative stress to adolescent rat brain mitochondria in vivo: influence of monoamine oxidase type A. *Addiction Biology*, **2009**, 14, 185-93	4.6	35
97	Adrenaline in pro-oxidant conditions elicits intracellular survival pathways in isolated rat cardiomyocytes. *Toxicology*, **2009**, 257, 70-9	4.4	30
96	Adrenaline and reactive oxygen species elicit proteome and energetic metabolism modifications in freshly isolated rat cardiomyocytes. *Toxicology*, **2009**, 260, 84-96	4.4	27
95	Mercury fatal intoxication: two case reports. *Forensic Science International*, **2009**, 184, e1-6	2.6	29
94	Cross-functioning between the extraneuronal monoamine transporter and multidrug resistance protein 1 in the uptake of adrenaline and export of 5-(glutathion-S-yl)adrenaline in rat cardiomyocytes. *Chemical Research in Toxicology*, **2009**, 22, 129-135	4	14
93	Water extracts of Brassica oleracea var. costata potentiate paraquat toxicity to rat hepatocytes in vitro. *Toxicology in Vitro*, **2009**, 23, 1131-8	3.6	10
92	Acetyl-L-carnitine provides effective in vivo neuroprotection over 3,4-methylenedioximethamphetamine-induced mitochondrial neurotoxicity in the adolescent rat brain. *Neuroscience*, **2009**, 158, 514-23	3.9	63
91	Propofol and metabolites monitoring in serum of patients with induced sedation. *Toxicology Letters* , **2009**, 189, S113-S114	4.4	2

90	Hexavalent chromium as a contaminant of food matrices: Its control in bread samples. *Toxicology Letters*, **2009**, 189, S232	4.4	
89	GC determination of acetone, acetaldehyde, ethanol, and methanol in biological matrices and cell culture. *Journal of Chromatographic Science*, **2009**, 47, 272-8	1.4	52
88	Lysine acetylsalicylate elicits full survival of Wistar rats exposed to a lethal dose of paraquat. *Toxicology Letters*, **2009**, 189, S121-S122	4.4	2
87	Tolerance and stress response of Macrolepiota procera to nickel. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 7145-52	5.7	34
86	Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications. *PLoS ONE*, **2009**, 4, e7149	3.7	41
85	5,7-Dihydroxitryptamine toxicity to serotonergic neurons in serum free raphe cultures. *European Journal of Pharmacology*, **2008**, 588, 232-8	5.3	5
84	Toxicological evaluation of lactose and chitosan delivered by inhalation. *Journal of Biomaterials Science, Polymer Edition*, **2008**, 19, 387-97	3.5	16
83	Doxorubicin induces biphasic neurotoxicity to rat cortical neurons. *NeuroToxicology*, **2008**, 29, 286-93	4.4	32
82	Effect of chronic ethanol exposure on the hepatotoxicity of ecstasy in mice: an ex vivo study. *Toxicology in Vitro*, **2008**, 22, 910-20	3.6	19
81	Paraquat poisonings: mechanisms of lung toxicity, clinical features, and treatment. *Critical Reviews in Toxicology*, **2008**, 38, 13-71	5.7	565
80	Reactivity of paraquat with sodium salicylate: formation of stable complexes. *Toxicology*, **2008**, 249, 130-9	4.4	24
79	Chronic exposure to ethanol exacerbates MDMA-induced hyperthermia and exposes liver to severe MDMA-induced toxicity in CD1 mice. *Toxicology*, **2008**, 252, 64-71	4.4	35
78	Ethanol, the forgotten artifact in cell culture. *Archives of Toxicology*, **2008**, 82, 197-8	5.8	1
77	Synergistic toxicity of ethanol and MDMA towards primary cultured rat hepatocytes. *Toxicology*, **2008**, 254, 42-50	4.4	24
76	Validation of an electrothermal atomization atomic absorption spectrometry method for quantification of total chromium and chromium(VI) in wild mushrooms and underlying soils. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 7192-8	5.7	28
75	Evaluation of GSH adducts of adrenaline in biological samples. *Biomedical Chromatography*, **2007**, 21, 670-9	1.7	11
74	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). *Toxicology*, **2007**, 229, 236-44	4.4	22
73	Antioxidant activity and phenolic contents of Olea europaea L. leaves sprayed with different copper formulations. *Food Chemistry*, **2007**, 103, 188-195	8.5	74

72	Full survival of paraquat-exposed rats after treatment with sodium salicylate. *Free Radical Biology and Medicine*, **2007**, 42, 1017-28	7.8	75
71	Sodium salicylate prevents paraquat-induced apoptosis in the rat lung. *Free Radical Biology and Medicine*, **2007**, 43, 48-61	7.8	39
70	Monoamine oxidase-B mediates ecstasy-induced neurotoxic effects to adolescent rat brain mitochondria. *Journal of Neuroscience*, **2007**, 27, 10203-10	6.6	57
69	Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxymethamphetamine (MDMA) Human Metabolites. *Journal of Health Science*, **2007**, 53, 31-42		25
68	Repeated Administration of d-Amphetamine Results in a Time-dependent and Dose-independent Sustained Increase in Urinary Excretion of p-Hydroxyamphetamine in Mice. *Journal of Health Science*, **2007**, 53, 371-377		3
67	Neurotoxicity mechanisms of thioether ecstasy metabolites. *Neuroscience*, **2007**, 146, 1743-57	3.9	84
66	Ecstasy induces apoptosis via 5-HT(2A)-receptor stimulation in cortical neurons. *NeuroToxicology*, **2007**, 28, 868-75	4.4	63
65	Oxidation process of adrenaline in freshly isolated rat cardiomyocytes: formation of adrenochrome, quinoproteins, and GSH adduct. *Chemical Research in Toxicology*, **2007**, 20, 1183-91	4	52
64	P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity. *Free Radical Biology and Medicine*, **2006**, 41, 1213-24	7.8	72
63	Kinetics of paraquat in the isolated rat lung: Influence of sodium depletion. *Xenobiotica*, **2006**, 36, 724-37		24
62	Validation of a method to quantify copper and other metals in olive fruit by ETAAS. Application to the residual metal control after olive tree treatments with different copper formulations. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 3923-8	5.7	11
61	Neurotoxicity of Ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 316, 53-61	4.7	64
60	Validation of an electrothermal atomization atomic absorption spectrometry method for the determination of aluminum, copper, and lead in grapes. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 9312-6	5.7	6
59	Paraquat exposure as an etiological factor of Parkinson's disease. *NeuroToxicology*, **2006**, 27, 1110-22	4.4	240
58	Ecstasy-induced cell death in cortical neuronal cultures is serotonin 2A-receptor-dependent and potentiated under hyperthermia. *Neuroscience*, **2006**, 139, 1069-81	3.9	67
57	Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose. *Pediatric Emergency Care*, **2006**, 22, 537-40	1.4	40
56	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine ('Ecstasy') cytotoxicity. *Pharmacogenetics and Genomics*, **2006**, 16, 789-99	1.9	36
55	Cytotoxicity and cell signalling induced by continuous mild hyperthermia in freshly isolated mouse hepatocytes. *Toxicology*, **2006**, 224, 210-8	4.4	34

54	Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats. *Toxicology*, **2006**, 227, 73-85	4.4	92
53	Strenuous exercise aggravates MDMA-induced skeletal muscle damage in mice. *Toxicology*, **2005**, 206, 349-58	4.4	16
52	Metabolic pathways of 4-bromo-2,5-dimethoxyphenethylamine (2C-B): analysis of phase I metabolism with hepatocytes of six species including human. *Toxicology*, **2005**, 206, 75-89	4.4	65
51	D-amphetamine-induced hydrogen peroxide production in skeletal muscle is modulated by monoamine oxidase inhibition. *International Journal of Sports Medicine*, **2004**, 25, 446-9	3.6	3
50	Implementation of HPLC Methodology for the Quantification of Malondialdehyde in Cell Suspensions and Liver. *Journal of Liquid Chromatography and Related Technologies*, **2004**, 27, 2357-2369	1.3	5
49	Protective activity of hesperidin and lipoic acid against sodium arsenite acute toxicity in mice. *Toxicologic Pathology*, **2004**, 32, 527-35	2.1	43
48	Hepatotoxicity of 3,4-methylenedioxyamphetamine and alpha-methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. *Archives of Toxicology*, **2004**, 78, 16-24	5.8	70
47	Comparative metabolism of the designer drug 4-methylthioamphetamine by hepatocytes from man, monkey, dog, rabbit, rat and mouse. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2004**, 369, 198-205	3.4	33
46	Simultaneous determination of amphetamine derivatives in human urine after SPE extraction and HPLC-UV analysis. *Biomedical Chromatography*, **2004**, 18, 125-31	1.7	49
45	The toxicity of N-methyl-alpha-methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and N-acetylcysteine. *Toxicology*, **2004**, 200, 193-203	4.4	72
44	Leucoisoprenochrome-o-semiquinone formation in freshly isolated adult rat cardiomyocytes. *Chemical Research in Toxicology*, **2004**, 17, 1584-90	4	14
43	Metabolism is required for the expression of ecstasy-induced cardiotoxicity in vitro. *Chemical Research in Toxicology*, **2004**, 17, 623-32	4	66
42	Evaluation of toxic/protective effects of the essential oil of Salvia officinalis on freshly isolated rat hepatocytes. *Toxicology in Vitro*, **2004**, 18, 457-65	3.6	71
41	Protective activity of Hypericum androsaemum infusion against tert-butyl hydroperoxide-induced oxidative damage in isolated rat hepatocytes. *Journal of Ethnopharmacology*, **2004**, 92, 79-84	5	16
40	Hypericum androsaemum infusion increases tert-butyl hydroperoxide-induced mice hepatotoxicity in vivo. *Journal of Ethnopharmacology*, **2004**, 94, 345-51	5	18
39	Metabolism of the designer drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in mice, after acute administration. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 811, 143-152	3.2	18
38	Metabolism of the designer drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in mice, after acute administration. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 811, 143-52	3.2	15
37	Variability in phenolic composition of Hypericum androsaemum. *Natural Product Research*, **2003**, 17, 135-40	2.3	17

36	Hepatoprotective activity of polyhydroxylated 2-styrylchromones against tert-butylhydroperoxide induced toxicity in freshly isolated rat hepatocytes. *Archives of Toxicology*, **2003**, 77, 500-5	5.8	28
35	Hydroxyl radical and hypochlorous acid scavenging activity of small centaury (Centaurium erythraea) infusion. A comparative study with green tea (Camellia sinensis). *Phytomedicine*, **2003**, 10, 517-22	6.5	63
34	4-Methylthioamphetamine-induced hyperthermia in mice: influence of serotonergic and catecholaminergic pathways. *Toxicology and Applied Pharmacology*, **2003**, 190, 262-71	4.6	17
33	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. *Biomedical Chromatography*, **2003**, 17, 6-13	1.7	21
32	Effect of 3,4-methylenedioxymethamphetamine ("ecstasy") on body temperature and liver antioxidant status in mice: influence of ambient temperature. *Archives of Toxicology*, **2002**, 76, 166-72	5.8	57
31	Role of metabolites in MDMA (ecstasy)-induced nephrotoxicity: an in vitro study using rat and human renal proximal tubular cells. *Archives of Toxicology*, **2002**, 76, 581-8	5.8	66
30	Silicon and iron levels in tissues of animals treated with a "ferrimagnetic ceramic" with oncotherapeutic potential (anti-tumor) value. *Journal of Trace Elements in Medicine and Biology*, **2002**, 16, 255-9	4.1	2
29	Identification of 4-methylthioamphetamine and some of its metabolites in mouse urine by GC-MS after acute administration. *Journal of Analytical Toxicology*, **2002**, 26, 228-32	2.9	6
28	Antioxidant activity of Hypericum androsaemum infusion: scavenging activity against superoxide radical, hydroxyl radical and hypochlorous acid. *Biological and Pharmaceutical Bulletin*, **2002**, 25, 1320-3	2.3	111
27	Studies on the antioxidant activity of Lippia citriodora infusion: scavenging effect on superoxide radical, hydroxyl radical and hypochlorous acid. *Biological and Pharmaceutical Bulletin*, **2002**, 25, 1324-7	2.3	90
26	Antioxidative properties of cardoon (Cynara cardunculus L.) infusion against superoxide radical, hydroxyl radical, and hypochlorous acid. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 4989-93	5.7	208
25	2-styrylchromones as novel inhibitors of xanthine oxidase. A structure-activity study. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2002**, 17, 45-8	5.6	24
24	Cu2+-induced isoproterenol oxidation into isoprenochrome in adult rat calcium-tolerant cardiomyocytes. *Chemical Research in Toxicology*, **2002**, 15, 861-9	4	43
23	Methoxylated xanthones in the quality control of small centaury (Centaurium erythraea) flowering tops. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 460-3	5.7	38
22	Is hyperthermia the triggering factor for hepatotoxicity induced by 3,4-methylenedioxymethamphetamine (ecstasy)? An in vitro study using freshly isolated mouse hepatocytes. *Archives of Toxicology*, **2001**, 74, 789-93	5.8	47
21	Electrospray tandem mass spectrometry of aminochromes. *Rapid Communications in Mass Spectrometry*, **2001**, 15, 2466-71	2.2	11
20	Determination of amphetamine and its metabolite p-hydroxyamphetamine in rat urine by reversed-phase high-performance liquid chromatography after dabsyl derivatization. *Biomedical Chromatography*, **2001**, 15, 452-6	1.7	11
19	Copper enhances isoproterenol toxicity in isolated rat cardiomyocytes: effects on oxidative stress. *Cardiovascular Toxicology*, **2001**, 1, 195-204	3.4	35

18	Adaptative response of antioxidant enzymes in different areas of rat brain after repeated d-amphetamine administration. *Addiction Biology*, **2001**, 6, 213-221	4.6	30
17	Hydrogen peroxide production in mouse tissues after acute d-amphetamine administration. Influence of monoamine oxidase inhibition. *Archives of Toxicology*, **2001**, 75, 465-9	5.8	20
16	Antioxidant activity of Centaurium erythraea infusion evidenced by its superoxide radical scavenging and xanthine oxidase inhibitory activity. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 3476-9	5.7	142
15	Cardiotoxicity studies using freshly isolated calcium-tolerant cardiomyocytes from adult rat. *In Vitro Cellular and Developmental Biology - Animal*, **2001**, 37, 1-4	2.6	10
14	The study of oxidative stress in freshly isolated Ca(2+)-tolerant cardiomyocytes from the adult rat. *Toxicology in Vitro*, **2001**, 15, 283-7	3.6	7
13	Simultaneous determination of reduced and oxidized glutathione in freshly isolated rat hepatocytes and cardiomyocytes by HPLC with electrochemical detection. *Biomedical Chromatography*, **2000**, 14, 468-73	1.7	26
12	Selective Determination of Chromium (VI) in Powdered Milk Infant Formulas by Electrothermal Atomization Atomic Absorption Spectrometry after Ion Exchange. *Journal of AOAC INTERNATIONAL* , **2000**, 83, 220-223	1.7	10
11	Spectrometric determination of silicon in food and biological samples: an interlaboratory trial. *Journal of Analytical Atomic Spectrometry*, **2000**, 15, 735-741	3.7	21
10	Effect of d-amphetamine repeated administration on rat antioxidant defences. *Archives of Toxicology*, **1999**, 73, 83-9	5.8	18
9	Inhibition of Glutathione Reductase by Isoproterenol Oxidation Products. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **1999**, 15, 47-61		37
8	d-Amphetamine-induced hepatotoxicity: possible contribution of catecholamines and hyperthermia to the effect studied in isolated rat hepatocytes. *Archives of Toxicology*, **1997**, 71, 429-36	5.8	45
7	Changes in taurine levels in response to repeated administration of the beta 2-agonist salbutamol in lambs. *Journal of Veterinary Pharmacology and Therapeutics*, **1997**, 20, 33-7	1.4	8
6	d-Amphetamine interaction with glutathione in freshly isolated rat hepatocytes. *Chemical Research in Toxicology*, **1996**, 9, 1031-6	4	31
5	Hepatoprotective activity of xanthones and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes--comparison with silybin. *Pharmaceutical Research*, **1995**, 12, 1756-60	4.5	37
4	Determination of arsenic, cadmium and lead in porcine and bovine kidneys by electrothermal atomic absorption spectrometry. *Analyst, The*, **1995**, 120, 2367-70	5	10
3	Glutathione and cysteine measurement in biological samples by HPLC with a glassy carbon working detector. *Biomedical Chromatography*, **1994**, 8, 134-6	1.7	48
2	Do invading leucocytes contribute to the decrease in glutathione concentrations indicating oxidative stress in exercised muscle, or are they important for its recovery?. *European Journal of Applied Physiology and Occupational Physiology*, **1994**, 68, 48-53		21
1	Effect of cooking on diazepam and its metabolites in liver of bulls. *Journal of Agricultural and Food Chemistry*, **1993**, 41, 965-967	5.7	2