

# Fernando Remiao

## List of Publications by Year in Descending Order

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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.

147  
papers

5,180  
citations

38  
h-index

66  
g-index

192  
ext. papers

5,919  
ext. citations

4.7  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
147	Biological Properties of Vitamins of the B-Complex, Part 1: Vitamins B <sub>1</sub> , B <sub>2</sub> , B <sub>6</sub> , and B <sub>12</sub> . <i>Nutrients</i> , <b>2022</b> , 14,	6.7	9
146	Stabilization of Silver Nanoparticles on Polyester Fabric Using Organo-Matrices for Controlled Antimicrobial Performance.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	3
145	Vitamin D: sources, physiological role, biokinetics, deficiency, therapeutic use, toxicity, and overview of analytical methods for detection of vitamin D and its metabolites.. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2022</b> , 1-38	9.4	3
144	Brain Drug Delivery and Neurodegenerative Diseases: Polymeric PLGA-Based Nanoparticles as a Forefront Platform. <i>Ageing Research Reviews</i> , <b>2022</b> , 101658	12	1
143	Enantioresolution and Binding Affinity Studies on Human Serum Albumin: Recent Applications and Trends. <i>Chemosensors</i> , <b>2021</b> , 9, 304	4	2
142	4-Oxoquinolines and monoamine oxidase: When tautomerism matters. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 213, 113183	6.8	1
141	S-(+)-Pentedrone and R-(+)-methylonone as the most oxidative and cytotoxic enantiomers to dopaminergic SH-SY5Y cells: Role of MRP1 and P-gp in cathinones enantioselectivity. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 416, 115442	4.6	1
140	Inflammation as a Possible Trigger for Mitoxantrone-Induced Cardiotoxicity: An In Vivo Study in Adult and Infant Mice. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	3
139	Enantioselectivity in Drug Pharmacokinetics and Toxicity: Pharmacological Relevance and Analytical Methods. <i>Molecules</i> , <b>2021</b> , 26,	4.8	10
138	Antimicrobial Activity of a Library of Thioxanthenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	2
137	Xanthenes as P-glycoprotein modulators and their impact on drug bioavailability. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2021</b> , 17, 441-482	5.5	4
136	Fine-Tuning the Biological Profile of Multitarget Mitochondriotropic Antioxidants for Neurodegenerative Diseases. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	6
135	Vitamin C-Sources, Physiological Role, Kinetics, Deficiency, Use, Toxicity, and Determination. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	23
134	Coordination Compounds As Multi-Delivery Systems for Osteoporosis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 35469-35483	9.5	2
133	Vitamin K - sources, physiological role, kinetics, deficiency, detection, therapeutic use, and toxicity. <i>Nutrition Reviews</i> , <b>2021</b> ,	6.4	5
132	Exploring the Multi-Target Performance of Mitochondriotropic Antioxidants against the Pivotal Alzheimer's Disease Pathophysiological Hallmarks. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
131	Multifunctionality and cytotoxicity of a layered coordination polymer. <i>Dalton Transactions</i> , <b>2020</b> , 49, 3989-3998	4.3	5

130	Oxygenated xanthenes as P-glycoprotein modulators at the intestinal barrier: in vitro and docking studies. <i>Medicinal Chemistry Research</i> , <b>2020</b> , 29, 1041-1057	2.2	5
129	Enantioselectivity on the absorption of methylone and pentedrone using Caco-2 cell line: Development and validation of an UHPLC method for cathinones quantification. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 395, 114970	4.6	4
128	Dysfunction of ABC transporters at the blood-brain barrier: Role in neurological disorders. <i>Pharmacology &amp; Therapeutics</i> , <b>2020</b> , 213, 107554	13.9	38
127	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. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 386, 114832	4.6	2
126	Pharmacokinetics and Toxicokinetics Roles of Membrane Transporters at Kidney Level. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2020</b> , 23, 333-356	3.4	1
125	Mitoxantrone impairs proteasome activity and prompts early energetic and proteomic changes in HL-1 cardiomyocytes at clinically relevant concentrations. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 4067-4084	5.8	3
124	New marine-derived indolymethyl pyrazinoquinazoline alkaloids with promising antimicrobial profiles.. <i>RSC Advances</i> , <b>2020</b> , 10, 31187-31204	3.7	2
123	Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111770	6.8	16
122	Benzoic acid-derived nitrones: A new class of potential acetylcholinesterase inhibitors and neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 174, 116-129	6.8	19
121	The Main Metabolites of Fluorouracil + Adriamycin + Cyclophosphamide (FAC) Are Not Major Contributors to FAC Toxicity in H9c2 Cardiac Differentiated Cells. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	4
120	Repurposing nitrocatechols: 5-Nitro-Ecyanocarboxamide derivatives of caffeic acid and caffeic acid phenethyl ester effectively inhibit aggregation of tau-derived hexapeptide AcPHF6. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 167, 146-152	6.8	15
119	Boosting Drug Discovery for Parkinson's: Enhancement of the Delivery of a Monoamine Oxidase-B Inhibitor by Brain-Targeted PEGylated Polycaprolactone-Based Nanoparticles. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	5
118	Histological and toxicological evaluation, in rat, of a P-glycoprotein inducer and activator: 1-(propan-2-ylamino)-4-propoxy-9-thioxanthen-9-one (TX5). <i>EXCLI Journal</i> , <b>2019</b> , 18, 697-722	2.4	1
117	Newly Synthesized Oxygenated Xanthenes as Potential P-Glycoprotein Activators: , , and Studies. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
116	Insights into the Discovery of Novel Neuroprotective Agents: A Comparative Study between Sulfanylcinnamic Acid Derivatives and Related Phenolic Analogues. <i>Molecules</i> , <b>2019</b> , 24,	4.8	8
115	Bioisosteric OH- to SH-replacement changes the antioxidant profile of ferulic acid. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 9646-9654	3.9	6
114	Doxorubicin Is Key for the Cardiotoxicity of FAC (5-Fluorouracil + Adriamycin + Cyclophosphamide) Combination in Differentiated H9c2 Cells. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	6
113	Development of a PEGylated-Based Platform for Efficient Delivery of Dietary Antioxidants Across the Blood-Brain Barrier. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1677-1689	6.3	22

112	Comprehensive review of cardiovascular toxicity of drugs and related agents. <i>Medicinal Research Reviews</i> , <b>2018</b> , 38, 1332-1403	14.4	90
111	Chiral Resolution and Enantioselectivity of Synthetic Cathinones: A Brief Review. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 17-24	2.9	28
110	Chiral Thioxanthenes as Modulators of P-glycoprotein: Synthesis and Enantioselectivity Studies. <i>Molecules</i> , <b>2018</b> , 23,	4.8	11
109	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 126	5	21
108	Pixantrone, a new anticancer drug with the same old cardiac problems? An in vitro study with differentiated and non-differentiated H9c2 cells. <i>Interdisciplinary Toxicology</i> , <b>2018</b> , 11, 13-21	2.3	3
107	PEGylated PLGA Nanoparticles As a Smart Carrier to Increase the Cellular Uptake of a Coumarin-Based Monoamine Oxidase B Inhibitor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 39557-39563	9.5	33
106	Multi-milligram resolution and determination of absolute configuration of pentedrone and methylone enantiomers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1100-1101, 158-164	3.2	18
105	Desrisking the Cytotoxicity of a Mitochondriotropic Antioxidant Based on Caffeic Acid by a PEGylated Strategy. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2723-2733	6.3	7
104	Cellular Models and In Vitro Assays for the Screening of modulators of P-gp, MRP1 and BCRP. <i>Molecules</i> , <b>2017</b> , 22,	4.8	70
103	Quantification of 1-(propan-2-ylamino)-4-propoxy-9H-thioxanthen-9-one (TX5), a newly synthesized P-glycoprotein inducer/activator, in biological samples: method development and validation. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3802	1.7	1
102	Naphthoquinoxaline metabolite of mitoxantrone is less cardiotoxic than the parent compound and it can be a more cardiosafe drug in anticancer therapy. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1871-1890	5.8	15
101	Opioids and the Blood-Brain Barrier: A Dynamic Interaction with Consequences on Drug Disposition in Brain. <i>Current Neuropharmacology</i> , <b>2017</b> , 15, 1156-1173	7.6	49
100	Effect of Subchronic Intravenous Morphine Infusion and Naloxone-Precipitated Morphine Withdrawal on P-gp and Bcrp at the Rat Blood-Brain Barrier. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 350-8	3.9	14
99	Discovery of New Chemical Entities for Old Targets: Insights on the Lead Optimization of Chromone-Based Monoamine Oxidase B (MAO-B) Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 5879-93	8.3	65
98	Chiral enantioresolution of cathinone derivatives present in "legal highs", and enantioselectivity evaluation on cytotoxicity of 3,4-methylenedioxypyrovalerone (MDPV). <i>Forensic Toxicology</i> , <b>2016</b> , 34, 372-385	2.6	33
97	Lessons from black pepper: piperine and derivatives thereof. <i>Expert Opinion on Therapeutic Patents</i> , <b>2016</b> , 26, 245-64	6.8	27
96	Development of Blood-Brain Barrier Permeable Nitrocatechol-Based Catechol O-Methyltransferase Inhibitors with Reduced Potential for Hepatotoxicity. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 7584-97	8.3	21
95	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. <i>RSC Advances</i> , <b>2015</b> , 5, 15800-15811	3.7	16

94	Modulation of P-glycoprotein efflux pump: induction and activation as a therapeutic strategy. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 149, 1-123	13.9	221
93	Several transport systems contribute to the intestinal uptake of Paraquat, modulating its cytotoxic effects. <i>Toxicology Letters</i> , <b>2015</b> , 232, 271-83	4.4	15
92	P-glycoprotein induction in Caco-2 cells by newly synthesized thioxanthenes prevents paraquat cytotoxicity. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 1783-800	5.8	28
91	Renalase regulates peripheral and central dopaminergic activities. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 308, F84-91	4.3	15
90	Assessment of Renalase Activity on Catecholamines Degradation. <i>Open Hypertension Journal</i> , <b>2015</b> , 7, 14-18	0.8	3
89	Mitochondrial cumulative damage induced by mitoxantrone: late onset cardiac energetic impairment. <i>Cardiovascular Toxicology</i> , <b>2014</b> , 14, 30-40	3.4	28
88	Induction and activation of P-glycoprotein by dihydroxylated xanthenes protect against the cytotoxicity of the P-glycoprotein substrate paraquat. <i>Archives of Toxicology</i> , <b>2014</b> , 88, 937-51	5.8	32
87	Cumulative mitoxantrone-induced haematological and hepatic adverse effects in a subchronic in vivo study. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2014</b> , 114, 254-62	3.1	10
86	Colchicine effect on P-glycoprotein expression and activity: in silico and in vitro studies. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 218, 50-62	5	27
85	RBE4 cells are highly resistant to paraquat-induced cytotoxicity: studies on uptake and efflux mechanisms. <i>Journal of Applied Toxicology</i> , <b>2014</b> , 34, 1023-30	4.1	16
84	Quantification of morphine and its major metabolites M3G and M6G in antemortem and postmortem samples. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 1263-70	1.7	10
83	The heart as a target for xenobiotic toxicity: the cardiac susceptibility to oxidative stress. <i>Chemical Research in Toxicology</i> , <b>2013</b> , 26, 1285-311	4	58
82	Therapeutic concentrations of mitoxantrone elicit energetic imbalance in H9c2 cells as an earlier event. <i>Cardiovascular Toxicology</i> , <b>2013</b> , 13, 413-25	3.4	26
81	Alzheimersche Demenz, Cholesterin und Statine: Berührungspunkte wichtiger Stoffwechselwege. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 1146-1158	3.6	2
80	Alzheimer's disease, cholesterol, and statins: the junctions of important metabolic pathways. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 1110-21	16.4	46
79	Doxorubicin decreases paraquat accumulation and toxicity in Caco-2 cells. <i>Toxicology Letters</i> , <b>2013</b> , 217, 34-41	4.4	21
78	The metabolic profile of mitoxantrone and its relation with mitoxantrone-induced cardiotoxicity. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 1809-20	5.8	37
77	Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin. <i>Toxicology Letters</i> , <b>2013</b> , 220, 259-66	4.4	23

76	Lipidomic characterization of streptozotocin-induced heart mitochondrial dysfunction. <i>Mitochondrion</i> , <b>2013</b> , 13, 762-71	4.9	21
75	Effects of exercise training on endothelial progenitor cells in cardiovascular disease: a systematic review. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2013</b> , 92, 1020-30	2.6	37
74	Development of novel rifampicin-derived P-glycoprotein activators/inducers. synthesis, in silico analysis and application in the RBE4 cell model, using paraquat as substrate. <i>PLoS ONE</i> , <b>2013</b> , 8, e74425	3.7	18
73	Toxicity of amphetamines: an update. <i>Archives of Toxicology</i> , <b>2012</b> , 86, 1167-231	5.8	296
72	Kale extract increases glutathione levels in V79 cells, but does not protect them against acute toxicity induced by hydrogen peroxide. <i>Molecules</i> , <b>2012</b> , 17, 5269-88	4.8	9
71	Synephrine: from trace concentrations to massive consumption in weight-loss. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 8-16	4.7	71
70	Investigation of the insulin-like properties of zinc(II) complexes of 3-hydroxy-4-pyridinones: identification of a compound with glucose lowering effect in STZ-induced type I diabetic animals. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 1675-82	4.2	28
69	In vitro study of P-glycoprotein induction as an antidotal pathway to prevent cytotoxicity in Caco-2 cells. <i>Archives of Toxicology</i> , <b>2011</b> , 85, 315-26	5.8	42
68	Structural isomerization of synephrine influences its uptake and ensuing glutathione depletion in rat-isolated cardiomyocytes. <i>Archives of Toxicology</i> , <b>2011</b> , 85, 929-39	5.8	20
67	P-glycoprotein activity in human Caucasian male lymphocytes does not follow its increased expression during aging. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2011</b> , 79, 912-9	4.6	23
66	Contribution of catecholamine reactive intermediates and oxidative stress to the pathologic features of heart diseases. <i>Current Medicinal Chemistry</i> , <b>2011</b> , 18, 2272-314	4.3	77
65	Collection of biological samples in forensic toxicology. <i>Toxicology Mechanisms and Methods</i> , <b>2010</b> , 20, 363-414	3.6	102
64	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. <i>Toxicology</i> , <b>2010</b> , 270, 150-7	4.4	11
63	Development and validation of a GC/IT-MS method for simultaneous quantitation of para and meta-synephrine in biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 52, 721-35	3.5	20
62	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 815-22	3.2	15
61	Mechanisms underlying the hepatotoxic effects of ecstasy. <i>Current Pharmaceutical Biotechnology</i> , <b>2010</b> , 11, 476-95	2.6	45
60	An effective antidote for paraquat poisonings: the treatment with lysine acetylsalicylate. <i>Toxicology</i> , <b>2009</b> , 255, 187-93	4.4	42
59	Molecular and cellular mechanisms of ecstasy-induced neurotoxicity: an overview. <i>Molecular Neurobiology</i> , <b>2009</b> , 39, 210-71	6.2	223

58	Adrenaline in pro-oxidant conditions elicits intracellular survival pathways in isolated rat cardiomyocytes. <i>Toxicology</i> , <b>2009</b> , 257, 70-9	4.4	30
57	Adrenaline and reactive oxygen species elicit proteome and energetic metabolism modifications in freshly isolated rat cardiomyocytes. <i>Toxicology</i> , <b>2009</b> , 260, 84-96	4.4	27
56	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. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 129-135	4	14
55	Water extracts of <i>Brassica oleracea</i> var. <i>costata</i> potentiate paraquat toxicity to rat hepatocytes in vitro. <i>Toxicology in Vitro</i> , <b>2009</b> , 23, 1131-8	3.6	10
54	GC determination of acetone, acetaldehyde, ethanol, and methanol in biological matrices and cell culture. <i>Journal of Chromatographic Science</i> , <b>2009</b> , 47, 272-8	1.4	52
53	Lysine acetylsalicylate elicits full survival of Wistar rats exposed to a lethal dose of paraquat. <i>Toxicology Letters</i> , <b>2009</b> , 189, S121-S122	4.4	2
52	Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications. <i>PLoS ONE</i> , <b>2009</b> , 4, e7149	3.7	41
51	Effect of chronic ethanol exposure on the hepatotoxicity of ecstasy in mice: an ex vivo study. <i>Toxicology in Vitro</i> , <b>2008</b> , 22, 910-20	3.6	19
50	Paraquat poisonings: mechanisms of lung toxicity, clinical features, and treatment. <i>Critical Reviews in Toxicology</i> , <b>2008</b> , 38, 13-71	5.7	565
49	Reactivity of paraquat with sodium salicylate: formation of stable complexes. <i>Toxicology</i> , <b>2008</b> , 249, 130-4	4.4	24
48	Chronic exposure to ethanol exacerbates MDMA-induced hyperthermia and exposes liver to severe MDMA-induced toxicity in CD1 mice. <i>Toxicology</i> , <b>2008</b> , 252, 64-71	4.4	35
47	Ethanol, the forgotten artifact in cell culture. <i>Archives of Toxicology</i> , <b>2008</b> , 82, 197-8	5.8	1
46	Synergistic toxicity of ethanol and MDMA towards primary cultured rat hepatocytes. <i>Toxicology</i> , <b>2008</b> , 254, 42-50	4.4	24
45	Evaluation of GSH adducts of adrenaline in biological samples. <i>Biomedical Chromatography</i> , <b>2007</b> , 21, 670-9	1.7	11
44	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). <i>Toxicology</i> , <b>2007</b> , 229, 236-44	4.4	22
43	Full survival of paraquat-exposed rats after treatment with sodium salicylate. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 42, 1017-28	7.8	75
42	Sodium salicylate prevents paraquat-induced apoptosis in the rat lung. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 48-61	7.8	39
41	Repeated Administration of d-Amphetamine Results in a Time-dependent and Dose-independent Sustained Increase in Urinary Excretion of p-Hydroxyamphetamine in Mice. <i>Journal of Health Science</i> , <b>2007</b> , 53, 371-377		3

40	Neurotoxicity mechanisms of thioether ecstasy metabolites. <i>Neuroscience</i> , <b>2007</b> , 146, 1743-57	3.9	84
39	Ecstasy induces apoptosis via 5-HT(2A)-receptor stimulation in cortical neurons. <i>NeuroToxicology</i> , <b>2007</b> , 28, 868-75	4.4	63
38	Oxidation process of adrenaline in freshly isolated rat cardiomyocytes: formation of adrenochrome, quinoproteins, and GSH adduct. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 1183-91	4	52
37	P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity. <i>Free Radical Biology and Medicine</i> , <b>2006</b> , 41, 1213-24	7.8	72
36	Neurotoxicity of Ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 316, 53-61	4.7	64
35	Paraquat exposure as an etiological factor of Parkinson's disease. <i>NeuroToxicology</i> , <b>2006</b> , 27, 1110-22	4.4	240
34	Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose. <i>Pediatric Emergency Care</i> , <b>2006</b> , 22, 537-40	1.4	40
33	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine (Ecstasy) cytotoxicity. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 789-99	1.9	36
32	Cytotoxicity and cell signalling induced by continuous mild hyperthermia in freshly isolated mouse hepatocytes. <i>Toxicology</i> , <b>2006</b> , 224, 210-8	4.4	34
31	Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats. <i>Toxicology</i> , <b>2006</b> , 227, 73-85	4.4	92
30	Metabolic pathways of 4-bromo-2,5-dimethoxyphenethylamine (2C-B): analysis of phase I metabolism with hepatocytes of six species including human. <i>Toxicology</i> , <b>2005</b> , 206, 75-89	4.4	65
29	D-amphetamine-induced hydrogen peroxide production in skeletal muscle is modulated by monoamine oxidase inhibition. <i>International Journal of Sports Medicine</i> , <b>2004</b> , 25, 446-9	3.6	3
28	Implementation of HPLC Methodology for the Quantification of Malondialdehyde in Cell Suspensions and Liver. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2004</b> , 27, 2357-2369	1.3	5
27	Hepatotoxicity of 3,4-methylenedioxyamphetamine and alpha-methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. <i>Archives of Toxicology</i> , <b>2004</b> , 78, 16-24	5.8	70
26	Comparative metabolism of the designer drug 4-methylthioamphetamine by hepatocytes from man, monkey, dog, rabbit, rat and mouse. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 369, 198-205	3.4	33
25	Simultaneous determination of amphetamine derivatives in human urine after SPE extraction and HPLC-UV analysis. <i>Biomedical Chromatography</i> , <b>2004</b> , 18, 125-31	1.7	49
24	The toxicity of N-methyl-alpha-methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and N-acetylcysteine. <i>Toxicology</i> , <b>2004</b> , 200, 193-203	4.4	72
23	Leucoisoprenochrome-o-semiquinone formation in freshly isolated adult rat cardiomyocytes. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 1584-90	4	14

22	Metabolism is required for the expression of ecstasy-induced cardiotoxicity in vitro. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 623-32	4	66
21	Metabolism of the designer drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in mice, after acute administration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 811, 143-52	3.2	15
20	4-Methylthioamphetamine-induced hyperthermia in mice: influence of serotonergic and catecholaminergic pathways. <i>Toxicology and Applied Pharmacology</i> , <b>2003</b> , 190, 262-71	4.6	17
19	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. <i>Biomedical Chromatography</i> , <b>2003</b> , 17, 6-13	1.7	21
18	Effect of 3,4-methylenedioxymethamphetamine ("ecstasy") on body temperature and liver antioxidant status in mice: influence of ambient temperature. <i>Archives of Toxicology</i> , <b>2002</b> , 76, 166-72	5.8	57
17	Identification of 4-methylthioamphetamine and some of its metabolites in mouse urine by GC-MS after acute administration. <i>Journal of Analytical Toxicology</i> , <b>2002</b> , 26, 228-32	2.9	6
16	Cu <sup>2+</sup> -induced isoproterenol oxidation into isoprenochrome in adult rat calcium-tolerant cardiomyocytes. <i>Chemical Research in Toxicology</i> , <b>2002</b> , 15, 861-9	4	43
15	Electrospray tandem mass spectrometry of aminochromes. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 2466-71	2.2	11
14	Copper enhances isoproterenol toxicity in isolated rat cardiomyocytes: effects on oxidative stress. <i>Cardiovascular Toxicology</i> , <b>2001</b> , 1, 195-204	3.4	35
13	Adaptative response of antioxidant enzymes in different areas of rat brain after repeated d-amphetamine administration. <i>Addiction Biology</i> , <b>2001</b> , 6, 213-221	4.6	30
12	Hydrogen peroxide production in mouse tissues after acute d-amphetamine administration. Influence of monoamine oxidase inhibition. <i>Archives of Toxicology</i> , <b>2001</b> , 75, 465-9	5.8	20
11	Cardiotoxicity studies using freshly isolated calcium-tolerant cardiomyocytes from adult rat. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2001</b> , 37, 1-4	2.6	10
10	The study of oxidative stress in freshly isolated Ca <sup>2+</sup> -tolerant cardiomyocytes from the adult rat. <i>Toxicology in Vitro</i> , <b>2001</b> , 15, 283-7	3.6	7
9	Simultaneous determination of reduced and oxidized glutathione in freshly isolated rat hepatocytes and cardiomyocytes by HPLC with electrochemical detection. <i>Biomedical Chromatography</i> , <b>2000</b> , 14, 468-73	1.7	26
8	Effect of d-amphetamine repeated administration on rat antioxidant defences. <i>Archives of Toxicology</i> , <b>1999</b> , 73, 83-9	5.8	18
7	Inhibition of Glutathione Reductase by Isoproterenol Oxidation Products. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>1999</b> , 15, 47-61		37
6	Development of An HPLC-UV Method for Determination of Taurine in Infant Formulae and Breast Milk. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1997</b> , 20, 1269-1278	1.3	17
5	d-Amphetamine-induced hepatotoxicity: possible contribution of catecholamines and hyperthermia to the effect studied in isolated rat hepatocytes. <i>Archives of Toxicology</i> , <b>1997</b> , 71, 429-36	5.8	45

4	Changes in taurine levels in response to repeated administration of the beta 2-agonist salbutamol in lambs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>1997</b> , 20, 33-7	1.4	8
3	d-Amphetamine interaction with glutathione in freshly isolated rat hepatocytes. <i>Chemical Research in Toxicology</i> , <b>1996</b> , 9, 1031-6	4	31
2	Hepatoprotective activity of xanthenes and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes--comparison with silybin. <i>Pharmaceutical Research</i> , <b>1995</b> , 12, 1756-60	4.5	37
1	Glutathione and cysteine measurement in biological samples by HPLC with a glassy carbon working detector. <i>Biomedical Chromatography</i> , <b>1994</b> , 8, 134-6	1.7	48