Fernando Remiao

List of Publications by Year in descending order

165 papers	6,894 citations	57758 44 h-index	79698 73 g-index
192 all docs	192 docs citations	192 times ranked	7438 citing authors

#	Article	IF	Citations
1	Paraquat Poisonings: Mechanisms of Lung Toxicity, Clinical Features, and Treatment. Critical Reviews in Toxicology, 2008, 38, 13-71.	3.9	698
2	Toxicity of amphetamines: an update. Archives of Toxicology, 2012, 86, 1167-1231.	4.2	364
3	Modulation of P-glycoprotein efflux pump: induction and activation as a therapeutic strategy. , 2015, 149, 1-123.		275
4	Paraquat exposure as an etiological factor of Parkinson's disease. NeuroToxicology, 2006, 27, 1110-1122.	3.0	273
5	Molecular and Cellular Mechanisms of Ecstasy-Induced Neurotoxicity: An Overview. Molecular Neurobiology, 2009, 39, 210-271.	4.0	251
6	Comprehensive review of cardiovascular toxicity of drugs and related agents. Medicinal Research Reviews, 2018, 38, 1332-1403.	10.5	176
7	Vitamin Câ€"Sources, Physiological Role, Kinetics, Deficiency, Use, Toxicity, and Determination. Nutrients, 2021, 13, 615.	4.1	150
8	Collection of biological samples in forensic toxicology. Toxicology Mechanisms and Methods, 2010, 20, 363-414.	2.7	139
9	Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats. Toxicology, 2006, 227, 73-85.	4.2	97
10	Synephrine: From trace concentrations to massive consumption in weight-loss. Food and Chemical Toxicology, 2011, 49, 8-16.	3.6	95
11	Contribution of Catecholamine Reactive Intermediates and Oxidative Stress to the Pathologic Features of Heart Diseases. Current Medicinal Chemistry, 2011, 18, 2272-2314.	2.4	93
12	Neurotoxicity mechanisms of thioether ecstasy metabolites. Neuroscience, 2007, 146, 1743-1757.	2.3	92
13	Cellular Models and In Vitro Assays for the Screening of modulators of P-gp, MRP1 and BCRP. Molecules, 2017, 22, 600.	3.8	91
14	Discovery of New Chemical Entities for Old Targets: Insights on the Lead Optimization of Chromone-Based Monoamine Oxidase B (MAO-B) Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 5879-5893.	6.4	87
15	Dysfunction of ABC transporters at the blood-brain barrier: Role in neurological disorders. , 2020, 213, 107554.		83
16	Opioids and the Blood-Brain Barrier: A Dynamic Interaction with Consequences on Drug Disposition in Brain. Current Neuropharmacology, 2017, 15, 1156-1173.	2.9	83
17	Hepatotoxicity of 3,4-methylenedioxyamphetamine and ?-methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. Archives of Toxicology, 2004, 78, 16-24.	4.2	82
18	P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity. Free Radical Biology and Medicine, 2006, 41, 1213-1224.	2.9	81

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19	Full survival of paraquat-exposed rats after treatment with sodium salicylateâˆ†. Free Radical Biology and Medicine, 2007, 42, 1017-1028.	2.9	81
20	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.	4.2	78
21	The toxicity of N-methyl-Î±-methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and N-acetylcysteine. Toxicology, 2004, 200, 193-203.	4.2	77
22	Metabolism Is Required for the Expression of Ecstasy-Induced Cardiotoxicity in Vitro. Chemical Research in Toxicology, 2004, 17, 623-632.	3.3	71
23	Neurotoxicity of Ecstasy Metabolites in Rat Cortical Neurons, and Influence of Hyperthermia. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 53-61.	2.5	71
24	The Heart As a Target for Xenobiotic Toxicity: The Cardiac Susceptibility to Oxidative Stress. Chemical Research in Toxicology, 2013, 26, 1285-1311.	3.3	70
25	Oxidation Process of Adrenaline in Freshly Isolated Rat Cardiomyocytes: Formation of Adrenochrome, Quinoproteins, and GSH Adduct. Chemical Research in Toxicology, 2007, 20, 1183-1191.	3.3	68
26	Ecstasy induces apoptosis via 5-HT2A-receptor stimulation in cortical neurons. NeuroToxicology, 2007, 28, 868-875.	3.0	67
27	Vitamin K â€“ sources, physiological role, kinetics, deficiency, detection, therapeutic use, and toxicity. Nutrition Reviews, 2022, 80, 677-698.	5.8	64
28	Effect of 3,4-methylenedioxymethamphetamine ("ecstasy") on body temperature and liver antioxidant status in mice: influence of ambient temperature. Archives of Toxicology, 2002, 76, 166-172.	4.2	63
29	GC Determination of Acetone, Acetaldehyde, Ethanol, and Methanol in Biological Matrices and Cell Culture. Journal of Chromatographic Science, 2009, 47, 272-278.	1.4	60
30	Biological Properties of Vitamins of the B-Complex, Part 1: Vitamins B1, B2, B3, and B5. Nutrients, 2022, 14, 484.	4.1	59
31	Enantioselectivity in Drug Pharmacokinetics and Toxicity: Pharmacological Relevance and Analytical Methods. Molecules, 2021, 26, 3113.	3.8	58
32	Alzheimerâ€™s Disease, Cholesterol, and Statins: The Junctions of Important Metabolic Pathways. Angewandte Chemie - International Edition, 2013, 52, 1110-1121.	13.8	56
33	Simultaneous determination of amphetamine derivatives in human urine after SPE extraction and HPLC-UV analysis. Biomedical Chromatography, 2004, 18, 125-131.	1.7	54
34	Glutathione and cysteine measurement in biological samples by HPLC with a glassy carbon working detector. Biomedical Chromatography, 1994, 8, 134-136.	1.7	52
35	d-Amphetamine-induced hepatotoxicity: possible contribution of catecholamines and hyperthermia to the effect studied in isolated rat hepatocytes. Archives of Toxicology, 1997, 71, 429-436.	4.2	52
36	In vitro study of P-glycoprotein induction as an antidotal pathway to prevent cytotoxicity in Caco-2 cells. Archives of Toxicology, 2011, 85, 315-326.	4.2	51

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37	Effects of Exercise Training on Endothelial Progenitor Cells in Cardiovascular Disease. American Journal of Physical Medicine and Rehabilitation, 2013, 92, 1020-1030.	1.4	51
38	Cu2+-Induced Isoproterenol Oxidation into Isoprenochrome in Adult Rat Calcium-Tolerant Cardiomyocytes. Chemical Research in Toxicology, 2002, 15, 861-869.	3.3	49
39	The metabolic profile of mitoxantrone and its relation with mitoxantrone-induced cardiotoxicity. Archives of Toxicology, 2013, 87, 1809-1820.	4.2	49
40	Chiral enantioresolution of cathinone derivatives present in â€œlegal highsâ€ and enantioselectivity evaluation on cytotoxicity of 3,4-methylenedioxypyrovalerone (MDPV). Forensic Toxicology, 2016, 34, 372-385.	2.4	48
41	Mechanisms Underlying the Hepatotoxic Effects of Ecstasy. Current Pharmaceutical Biotechnology, 2010, 11, 476-495.	1.6	48
42	Acute Paraquat Poisoning. Pediatric Emergency Care, 2006, 22, 537-540.	0.9	46
43	An effective antidote for paraquat poisonings: The treatment with lysine acetylsalicylate. Toxicology, 2009, 255, 187-193.	4.2	46
44	Postmortem Analyses Unveil the Poor Efficacy of Decontamination, Anti-Inflammatory and Immunosuppressive Therapies in Paraquat Human Intoxications. PLoS ONE, 2009, 4, e7149.	2.5	46
45	Vitamin D: sources, physiological role, biokinetics, deficiency, therapeutic use, toxicity, and overview of analytical methods for detection of vitamin D and its metabolites. Critical Reviews in Clinical Laboratory Sciences, 2022, 59, 517-554.	6.1	45
46	Hepatoprotective activity of xanthones and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes--comparison with silybin. Pharmaceutical Research, 1995, 12, 1756-1760.	3.5	44
47	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine (â€˜Ecstasyâ€™) cytotoxicity. Pharmacogenetics and Genomics, 2006, 16, 789-799.	1.5	44
48	Sodium salicylate prevents paraquat-induced apoptosis in the rat lung. Free Radical Biology and Medicine, 2007, 43, 48-61.	2.9	44
49	Inhibition of Glutathione Reductase by Isoproterenol Oxidation Products. Journal of Enzyme Inhibition and Medicinal Chemistry, 1999, 15, 47-61.	0.5	43
50	Chiral Resolution and Enantioselectivity of Synthetic Cathinones: A Brief Review. Journal of Analytical Toxicology, 2018, 42, 17-24.	2.8	42
51	Copper Enhances Isoproterenol Toxicity in Isolated Rat Cardiomyocytes: Effects on Oxidative Stress. Cardiovascular Toxicology, 2001, 1, 195-204.	2.7	40
52	Comparative metabolism of the designer drug 4-methylthioamphetamine by hepatocytes from man, monkey, dog, rabbit, rat and mouse. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 198-205.	3.0	40
53	Chronic exposure to ethanol exacerbates MDMA-induced hyperthermia and exposes liver to severe MDMA-induced toxicity in CD1 mice. Toxicology, 2008, 252, 64-71.	4.2	40
54	Mitochondrial Cumulative Damage Induced by Mitoxantrone: Late Onset Cardiac Energetic Impairment. Cardiovascular Toxicology, 2014, 14, 30-40.	2.7	37

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55	PEGylated PLGA Nanoparticles As a Smart Carrier to Increase the Cellular Uptake of a Coumarin-Based Monoamine Oxidase B Inhibitor. ACS Applied Materials & Interfaces, 2018, 10, 39557-39569.	8.0	37
56	Induction and activation of P-glycoprotein by dihydroxylated xanthones protect against the cytotoxicity of the P-glycoprotein substrate paraquat. Archives of Toxicology, 2014, 88, 937-951.	4.2	36
57	Cytotoxicity and cell signalling induced by continuous mild hyperthermia in freshly isolated mouse hepatocytes. Toxicology, 2006, 224, 210-218.	4.2	35
58	Adrenaline in pro-oxidant conditions elicits intracellular survival pathways in isolated rat cardiomyocytes. Toxicology, 2009, 257, 70-79.	4.2	35
59	Benzoic acid-derived nitrones: A new class of potential acetylcholinesterase inhibitors and neuroprotective agents. European Journal of Medicinal Chemistry, 2019, 174, 116-129.	5.5	35
60	Cocaine: An Updated Overview on Chemistry, Detection, Biokinetics, and Pharmacotoxicological Aspects including Abuse Pattern. Toxins, 2022, 14, 278.	3.4	35
61	P-glycoprotein induction in Caco-2 cells by newly synthetized thioxanthones prevents paraquat cytotoxicity. Archives of Toxicology, 2015, 89, 1783-1800.	4.2	34
62	Colchicine effect on P-glycoprotein expression and activity: In silico and in vitro studies. Chemico-Biological Interactions, 2014, 218, 50-62.	4.0	33
63	d-Amphetamine Interaction with Glutathione in Freshly Isolated Rat Hepatocytes. Chemical Research in Toxicology, 1996, 9, 1031-1036.	3.3	32
64	Development of Bloodâ€“Brain Barrier Permeable Nitrocatechol-Based Catechol O-Methyltransferase Inhibitors with Reduced Potential for Hepatotoxicity. Journal of Medicinal Chemistry, 2016, 59, 7584-7597.	6.4	32
65	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. Frontiers in Chemistry, 2018, 6, 126.	3.6	32
66	Adaptative response of antioxidant enzymes in different areas of rat brain after repeatedd-amphetamine administration. Addiction Biology, 2001, 6, 213-221.	2.6	31
67	Therapeutic Concentrations of Mitoxantrone Elicit Energetic Imbalance in H9c2 Cells as an Earlier Event. Cardiovascular Toxicology, 2013, 13, 413-425.	2.7	31
68	Lessons from black pepper: piperine and derivatives thereof. Expert Opinion on Therapeutic Patents, 2016, 26, 245-264.	5.0	31
69	Adrenaline and reactive oxygen species elicit proteome and energetic metabolism modifications in freshly isolated rat cardiomyocytes. Toxicology, 2009, 260, 84-96.	4.2	30
70	Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. European Journal of Medicinal Chemistry, 2020, 185, 111770.	5.5	30
71	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. Journal of Inorganic Biochemistry, 2011, 105, 1675-1682.	3.5	29
72	Development of a PEGylated-Based Platform for Efficient Delivery of Dietary Antioxidants Across the Bloodâ€“Brain Barrier. Bioconjugate Chemistry, 2018, 29, 1677-1689.	3.6	29

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73	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. Biomedical Chromatography, 2003, 17, 6-13.	1.7	28
74	Reactivity of paraquat with sodium salicylate: Formation of stable complexes. Toxicology, 2008, 249, 130-139.	4.2	28
75	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). Toxicology, 2007, 229, 236-244.	4.2	27
76	Synergistic toxicity of ethanol and MDMA towards primary cultured rat hepatocytes. Toxicology, 2008, 254, 42-50.	4.2	27
77	Structural isomerization of synephrine influences its uptake and ensuing glutathione depletion in rat-isolated cardiomyocytes. Archives of Toxicology, 2011, 85, 929-939.	4.2	27
78	Simultaneous determination of reduced and oxidized glutathione in freshly isolated rat hepatocytes and cardiomyocytes by HPLC with electrochemical detection. Biomedical Chromatography, 2000, 14, 468-473.	1.7	26
79	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, 721-726.	2.8	26
80	Pâ€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, 79A, 912-919.	1.5	26
81	Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin. Toxicology Letters, 2013, 220, 259-266.	0.8	26
82	Multi-milligram resolution and determination of absolute configuration of pentedrone and methylone enantiomers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1100-1101, 158-164.	2.3	26
83	Lipidomic characterization of streptozotocin-induced heart mitochondrial dysfunction. Mitochondrion, 2013, 13, 762-771.	3.4	25
84	Synthetic Cathinones: Recent Developments, Enantioselectivity Studies and Enantioseparation Methods. Molecules, 2022, 27, 2057.	3.8	25
85	Development of An HPLC-UV Method for Determination of Taurine in Infant Formulae and Breast Milk. Journal of Liquid Chromatography and Related Technologies, 1997, 20, 1269-1278.	1.0	23
86	Doxorubicin decreases paraquat accumulation and toxicity in Caco-2 cells. Toxicology Letters, 2013, 217, 34-41.	0.8	23
87	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.	2.5	23
88	Effect of Subchronic Intravenous Morphine Infusion and Naloxone-Precipitated Morphine Withdrawal on P-gp and Bcrp at the Rat Bloodâ€“Brain Barrier. Journal of Pharmaceutical Sciences, 2016, 105, 350-358.	3.3	22
89	Newly Synthesized Oxygenated Xanthones as Potential P-Glycoprotein Activators: In Vitro, Ex Vivo, and In Silico Studies. Molecules, 2019, 24, 707.	3.8	22
90	Brain drug delivery and neurodegenerative diseases: Polymeric PLGA-based nanoparticles as a forefront platform. Ageing Research Reviews, 2022, 79, 101658.	10.9	22

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91	Effect of chronic ethanol exposure on the hepatotoxicity of ecstasy in mice: An ex vivo study. Toxicology in Vitro, 2008, 22, 910-920.	2.4	21
92	Hydrogen peroxide production in mouse tissues after acute d -amphetamine administration. Influence of monoamine oxidase inhibition. Archives of Toxicology, 2001, 75, 465-469.	4.2	20
93	Repurposing nitrocatechols: 5-Nitro-Î±-cyanocarboxamide derivatives of caffeic acid and caffeic acid phenethyl ester effectively inhibit aggregation of tau-derived hexapeptide AcPHF6. European Journal of Medicinal Chemistry, 2019, 167, 146-152.	5.5	20
94	Effect of d -amphetamine repeated administration on rat antioxidant defences. Archives of Toxicology, 1999, 73, 83-89.	4.2	19
95	4-methylthioamphetamine-induced hyperthermia in mice: influence of serotonergic and catecholaminergic pathways. Toxicology and Applied Pharmacology, 2003, 190, 262-271.	2.8	19
96	Gas chromatographyâ€“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, 815-822.	2.3	19
97	RBE4 cells are highly resistant to paraquatâ€induced cytotoxicity: studies on uptake and efflux mechanisms. Journal of Applied Toxicology, 2014, 34, 1023-1030.	2.8	19
98	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. RSC Advances, 2015, 5, 15800-15811.	3.6	19
99	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.	4.2	18
100	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.	2.3	18
101	Stabilization of Silver Nanoparticles on Polyester Fabric Using Organo-Matrices for Controlled Antimicrobial Performance. Polymers, 2022, 14, 1138.	4.5	18
102	Several transport systems contribute to the intestinal uptake of Paraquat, modulating its cytotoxic effects. Toxicology Letters, 2015, 232, 271-283.	0.8	17
103	Chiral Thioxanthones as Modulators of P-glycoprotein: Synthesis and Enantioselectivity Studies. Molecules, 2018, 23, 626.	3.8	17
104	Leucoisoprenochrome-o-semiquinone Formation in Freshly Isolated Adult Rat Cardiomyocytes. Chemical Research in Toxicology, 2004, 17, 1584-1590.	3.3	16
105	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.	3.3	16
106	Renalase regulates peripheral and central dopaminergic activities. American Journal of Physiology - Renal Physiology, 2015, 308, F84-F91.	2.7	16
107	Role of Inflammation and Redox Status on Doxorubicin-Induced Cardiotoxicity in Infant and Adult CD-1 Male Mice. Biomolecules, 2021, 11, 1725.	4.0	16
108	Electrospray tandem mass spectrometry of aminochromes. Rapid Communications in Mass Spectrometry, 2001, 15, 2466-2471.	1.5	15

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109	Cumulative Mitoxantroneâ€Induced Haematological and Hepatic Adverse Effects in a Subchronic In vivo Study. Basic and Clinical Pharmacology and Toxicology, 2014, 114, 254-262.	2.5	13
110	Doxorubicin Is Key for the Cardiotoxicity of FAC (5-Fluorouracil + Adriamycin + Cyclophosphamide) Combination in Differentiated H9c2 Cells. Biomolecules, 2019, 9, 21.	4.0	13
111	Inflammation as a Possible Trigger for Mitoxantrone-Induced Cardiotoxicity: An In Vivo Study in Adult and Infant Mice. Pharmaceuticals, 2021, 14, 510.	3.8	13
112	Khat, a Cultural Chewing Drug: A Toxicokinetic and Toxicodynamic Summary. Toxins, 2022, 14, 71.	3.4	13
113	Evaluation of GSH adducts of adrenaline in biological samples. Biomedical Chromatography, 2007, 21, 670-679.	1.7	12
114	Enantioresolution and Binding Affinity Studies on Human Serum Albumin: Recent Applications and Trends. Chemosensors, 2021, 9, 304.	3.6	12
115	CARDIOTOXICITY STUDIES USING FRESHLY ISOLATED CALCIUM-TOLERANT CARDIOMYOCYTES FROM ADULT RAT. In Vitro Cellular and Developmental Biology - Animal, 2001, 37, 1.	1.5	11
116	Water extracts of Brassica oleracea var. costata potentiate paraquat toxicity to rat hepatocytes in vitro. Toxicology in Vitro, 2009, 23, 1131-1138.	2.4	11
117	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. Toxicology, 2010, 270, 150-157.	4.2	11
118	Kale Extract Increases Glutathione Levels in V79 Cells, but Does not Protect Them against Acute Toxicity Induced by Hydrogen Peroxide. Molecules, 2012, 17, 5269-5288.	3.8	11
119	Boosting Drug Discovery for Parkinsonâ€™s: Enhancement of the Delivery of a Monoamine Oxidase-B Inhibitor by Brain-Targeted PEGylated Polycaprolactone-Based Nanoparticles. Pharmaceutics, 2019, 11, 331.	4.5	11
120	The Main Metabolites of Fluorouracil + Adriamycin + Cyclophosphamide (FAC) Are Not Major Contributors to FAC Toxicity in H9c2 Cardiac Differentiated Cells. Biomolecules, 2019, 9, 98.	4.0	11
121	Insights into the Discovery of Novel Neuroprotective Agents: A Comparative Study between Sulfanylcinnamic Acid Derivatives and Related Phenolic Analogues. Molecules, 2019, 24, 4405.	3.8	11
122	Antimicrobial Activity of a Library of Thioxanthones and Their Potential as Efflux Pump Inhibitors. Pharmaceuticals, 2021, 14, 572.	3.8	11
123	Identification of 4-Methylthioamphetamine and Some of its Metabolites in Mouse Urine by GC-MS after Acute Administration. Journal of Analytical Toxicology, 2002, 26, 228-232.	2.8	10
124	Quantification of morphine and its major metabolites M3G and M6G in antemortem and postmortem samples. Biomedical Chromatography, 2014, 28, 1263-1270.	1.7	10
125	Coordination Compounds As Multi-Delivery Systems for Osteoporosis. ACS Applied Materials & Interfaces, 2021, 13, 35469-35483.	8.0	10
126	Desrisking the Cytotoxicity of a Mitochondriotropic Antioxidant Based on Caffeic Acid by a PEGylated Strategy. Bioconjugate Chemistry, 2018, 29, 2723-2733.	3.6	9

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127	Pharmacokinetics and Toxicokinetics Roles of Membrane Transporters at Kidney Level. Journal of Pharmacy and Pharmaceutical Sciences, 2020, 23, 333-356.	2.1	9
128	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.	4.2	9
129	Exploring the Multi-Target Performance of Mitochondriotropic Antioxidants against the Pivotal Alzheimerâ€™s Disease Pathophysiological Hallmarks. Molecules, 2020, 25, 276.	3.8	9
130	Oxygenated xanthones as P-glycoprotein modulators at the intestinal barrier: in vitro and docking studies. Medicinal Chemistry Research, 2020, 29, 1041-1057.	2.4	9
131	Enantioselectivity on the absorption of methylone and pentedrone using Caco-2 cell line: Development and validation of an UHPLC method for cathinones quantification. Toxicology and Applied Pharmacology, 2020, 395, 114970.	2.8	9
132	Xanthones as P-glycoprotein modulators and their impact on drug bioavailability. Expert Opinion on Drug Metabolism and Toxicology, 2021, 17, 441-482.	3.3	9
133	Fine-Tuning the Biological Profile of Multitarget Mitochondriotropic Antioxidants for Neurodegenerative Diseases. Antioxidants, 2021, 10, 329.	5.1	9
134	Changes in taurine levels in response to repeated administration of the Î² 2 â€agonist salbutamol in lambs. Journal of Veterinary Pharmacology and Therapeutics, 1997, 20, 33-37.	1.3	8
135	4-Oxoquinolines and monoamine oxidase: When tautomerism matters. European Journal of Medicinal Chemistry, 2021, 213, 113183.	5.5	8
136	S-(+)-Pentedrone and R-(+)-methylone as the most oxidative and cytotoxic enantiomers to dopaminergic SH-SY5Y cells: Role of MRP1 and P-gp in cathinones enantioselectivity. Toxicology and Applied Pharmacology, 2021, 416, 115442.	2.8	8
137	The study of oxidative stress in freshly isolated Ca2+-tolerant cardiomyocytes from the adult rat. Toxicology in Vitro, 2001, 15, 283-287.	2.4	7
138	New marine-derived indolymethyl pyrazinoquinazoline alkaloids with promising antimicrobial profiles. RSC Advances, 2020, 10, 31187-31204.	3.6	7
139	The Secretome of Human Neonatal Mesenchymal Stem Cells Modulates Doxorubicin-Induced Cytotoxicity: Impact in Non-Tumor Cells. International Journal of Molecular Sciences, 2021, 22, 13072.	4.1	7
140	Bioisosteric OH- to SH-replacement changes the antioxidant profile of ferulic acid. Organic and Biomolecular Chemistry, 2019, 17, 9646-9654.	2.8	6
141	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.	1.0	6
142	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.	1.0	5
143	Multifunctionality and cytotoxicity of a layered coordination polymer. Dalton Transactions, 2020, 49, 3989-3998.	3.3	5
144	Enantioselectivity of Pentedrone and Methylone on Metabolic Profiling in 2D and 3D Human Hepatocyte-like Cells. Pharmaceuticals, 2022, 15, 368.	3.8	5

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145	D-Amphetamine-Induced Hydrogen Peroxide Production in Skeletal Muscle is Modulated by Monoamine Oxidase Inhibition. International Journal of Sports Medicine, 2004, 25, 446-449.	1.7	4
146	Assessment of Renalase Activity on Catecholamines Degradation. Open Hypertension Journal, 2015, 7, 14-18.	0.8	4
147	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.	0.9	3
148	Lysine acetylsalicylate elicits full survival of Wistar rats exposed to a lethal dose of paraquat. Toxicology Letters, 2009, 189, S121-S122.	0.8	3
149	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.	2.8	3
150	Fiscalin Derivatives as Potential Neuroprotective Agents. Pharmaceutics, 2022, 14, 1456.	4.5	3
151	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.	0.7	2
152	Ethanol, the forgotten artifact in cell culture. Archives of Toxicology, 2008, 82, 197-198.	4.2	1
153	Quantification of 1â€(propanâ€2â€ylamino)â€4â€propoxyâ€9‹i›H‹/i›â€thioxanthenâ€9â€one (TX5), a newly synthetized Pâ€glycoprotein inducer/activator, in biological samples: method development and validation. Biomedical Chromatography, 2017, 31, e3802.	1.7	1
154	A new and vital antidotal pathway for paraquat poisonings more than 60 years later: Induction of lung P-glycoprotein. Toxicology Letters, 2006, 164, S75.	0.8	0
155	Neurotoxicity of ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. Toxicology Letters, 2006, 164, S118.	0.8	0
156	Effect of adrenaline and oxygen free radicals on calcium tolerant cardiomyocytes: Formation of glutathione adducts. Toxicology Letters, 2006, 164, S130-S131.	0.8	0
157	Validation of a HPLC-ECD method for the detection of adrenaline-GSH adducts in biological samples. Toxicology Letters, 2006, 164, S132.	0.8	0
158	Ethanol and ecstasy: Allied enemies of freshly isolated mouse hepatocytes. Toxicology Letters, 2006, 164, S205.	0.8	0
159	Dexamethasone treatment decreases the pathological effects and increases the survival rate of paraquat-intoxicated rats. Toxicology Letters, 2006, 164, S237-S238.	0.8	0
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#	Article	IF	Citations
163	Chemical reactivity of paraquat with the previously validated antidote, sodium salicylate. Toxicology Letters, 2008, 180, S166.	0.8	0
164	Effect of P-Glycoprotein inducers on its expression and activity in Caco-2 cells. Toxicology Letters, 2008, 180, S116.	0.8	0
165	Immortalized rat brain endothelial cells are highly resistant to paraquat toxic effect. Toxicology Letters, 2012, 211, S175.	0.8	0