

Fernando Remiao

List of Publications by Year in descending order

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165
papers

6,894
citations

57719

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h-index

79644

73
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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. <i>Critical Reviews in Toxicology</i> , 2008, 38, 13-71.	1.9	698
2	Toxicity of amphetamines: an update. <i>Archives of Toxicology</i> , 2012, 86, 1167-1231.	1.9	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. <i>NeuroToxicology</i> , 2006, 27, 1110-1122.	1.4	273
5	Molecular and Cellular Mechanisms of Ecstasy-Induced Neurotoxicity: An Overview. <i>Molecular Neurobiology</i> , 2009, 39, 210-271.	1.9	251
6	Comprehensive review of cardiovascular toxicity of drugs and related agents. <i>Medicinal Research Reviews</i> , 2018, 38, 1332-1403.	5.0	176
7	Vitamin C Sources, Physiological Role, Kinetics, Deficiency, Use, Toxicity, and Determination. <i>Nutrients</i> , 2021, 13, 615.	1.7	150
8	Collection of biological samples in forensic toxicology. <i>Toxicology Mechanisms and Methods</i> , 2010, 20, 363-414.	1.3	139
9	Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats. <i>Toxicology</i> , 2006, 227, 73-85.	2.0	97
10	Synephrine: From trace concentrations to massive consumption in weight-loss. <i>Food and Chemical Toxicology</i> , 2011, 49, 8-16.	1.8	95
11	Contribution of Catecholamine Reactive Intermediates and Oxidative Stress to the Pathologic Features of Heart Diseases. <i>Current Medicinal Chemistry</i> , 2011, 18, 2272-2314.	1.2	93
12	Neurotoxicity mechanisms of thioether ecstasy metabolites. <i>Neuroscience</i> , 2007, 146, 1743-1757.	1.1	92
13	Cellular Models and In Vitro Assays for the Screening of modulators of P-gp, MRP1 and BCRP. <i>Molecules</i> , 2017, 22, 600.	1.7	91
14	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> , 2016, 59, 5879-5893.	2.9	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. <i>Current Neuropharmacology</i> , 2017, 15, 1156-1173.	1.4	83
17	Hepatotoxicity of 3,4-methylenedioxyamphetamine and ?-methyl dopamine in isolated rat hepatocytes: formation of glutathione conjugates. <i>Archives of Toxicology</i> , 2004, 78, 16-24.	1.9	82
18	P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1213-1224.	1.3	81

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19	Full survival of paraquat-exposed rats after treatment with sodium salicylate. Free Radical Biology and Medicine, 2007, 42, 1017-1028.	1.3	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.	2.0	78
21	The toxicity of N-methyl-DL-methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and N-acetylcysteine. Toxicology, 2004, 200, 193-203.	2.0	77
22	Metabolism Is Required for the Expression of Ecstasy-Induced Cardiotoxicity in Vitro. Chemical Research in Toxicology, 2004, 17, 623-632.	1.7	71
23	Neurotoxicity of Ecstasy Metabolites in Rat Cortical Neurons, and Influence of Hyperthermia. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 53-61.	1.3	71
24	The Heart As a Target for Xenobiotic Toxicity: The Cardiac Susceptibility to Oxidative Stress. Chemical Research in Toxicology, 2013, 26, 1285-1311.	1.7	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.	1.7	68
26	Ecstasy induces apoptosis via 5-HT2A-receptor stimulation in cortical neurons. NeuroToxicology, 2007, 28, 868-875.	1.4	67
27	Vitamin K sources, physiological role, kinetics, deficiency, detection, therapeutic use, and toxicity. Nutrition Reviews, 2022, 80, 677-698.	2.6	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.	1.9	63
29	GC Determination of Acetone, Acetaldehyde, Ethanol, and Methanol in Biological Matrices and Cell Culture. Journal of Chromatographic Science, 2009, 47, 272-278.	0.7	60
30	Biological Properties of Vitamins of the B-Complex, Part 1: Vitamins B1, B2, B3, and B5. Nutrients, 2022, 14, 484.	1.7	59
31	Enantioselectivity in Drug Pharmacokinetics and Toxicity: Pharmacological Relevance and Analytical Methods. Molecules, 2021, 26, 3113.	1.7	58
32	Alzheimer's Disease, Cholesterol, and Statins: The Junctions of Important Metabolic Pathways. Angewandte Chemie - International Edition, 2013, 52, 1110-1121.	7.2	56
33	Simultaneous determination of amphetamine derivatives in human urine after SPE extraction and HPLC-UV analysis. Biomedical Chromatography, 2004, 18, 125-131.	0.8	54
34	Glutathione and cysteine measurement in biological samples by HPLC with a glassy carbon working detector. Biomedical Chromatography, 1994, 8, 134-136.	0.8	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.	1.9	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.	1.9	51

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37	Effects of Exercise Training on Endothelial Progenitor Cells in Cardiovascular Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 1020-1030.	0.7	51
38	Cu ²⁺ -Induced Isoproterenol Oxidation into Isoprenochrome in Adult Rat Calcium-Tolerant Cardiomyocytes. <i>Chemical Research in Toxicology</i> , 2002, 15, 861-869.	1.7	49
39	The metabolic profile of mitoxantrone and its relation with mitoxantrone-induced cardiotoxicity. <i>Archives of Toxicology</i> , 2013, 87, 1809-1820.	1.9	49
40	Chiral enantioresolution of cathinone derivatives present in "legal highs", and enantioselectivity evaluation on cytotoxicity of 3,4-methylenedioxypyrovalerone (MDPV). <i>Forensic Toxicology</i> , 2016, 34, 372-385.	1.4	48
41	Mechanisms Underlying the Hepatotoxic Effects of Ecstasy. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 476-495.	0.9	48
42	Acute Paraquat Poisoning. <i>Pediatric Emergency Care</i> , 2006, 22, 537-540.	0.5	46
43	An effective antidote for paraquat poisonings: The treatment with lysine acetylsalicylate. <i>Toxicology</i> , 2009, 255, 187-193.	2.0	46
44	Postmortem Analyses Unveil the Poor Efficacy of Decontamination, Anti-Inflammatory and Immunosuppressive Therapies in Paraquat Human Intoxications. <i>PLoS ONE</i> , 2009, 4, e7149.	1.1	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. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, 59, 517-554.	2.7	45
46	Hepatoprotective activity of xanthenes and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes—comparison with silybin. <i>Pharmaceutical Research</i> , 1995, 12, 1756-1760.	1.7	44
47	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine ("Ecstasy") cytotoxicity. <i>Pharmacogenetics and Genomics</i> , 2006, 16, 789-799.	0.7	44
48	Sodium salicylate prevents paraquat-induced apoptosis in the rat lung. <i>Free Radical Biology and Medicine</i> , 2007, 43, 48-61.	1.3	44
49	Inhibition of Glutathione Reductase by Isoproterenol Oxidation Products. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1999, 15, 47-61.	0.5	43
50	Chiral Resolution and Enantioselectivity of Synthetic Cathinones: A Brief Review. <i>Journal of Analytical Toxicology</i> , 2018, 42, 17-24.	1.7	42
51	Copper Enhances Isoproterenol Toxicity in Isolated Rat Cardiomyocytes: Effects on Oxidative Stress. <i>Cardiovascular Toxicology</i> , 2001, 1, 195-204.	1.1	40
52	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> , 2004, 369, 198-205.	1.4	40
53	Chronic exposure to ethanol exacerbates MDMA-induced hyperthermia and exposes liver to severe MDMA-induced toxicity in CD1 mice. <i>Toxicology</i> , 2008, 252, 64-71.	2.0	40
54	Mitochondrial Cumulative Damage Induced by Mitoxantrone: Late Onset Cardiac Energetic Impairment. <i>Cardiovascular Toxicology</i> , 2014, 14, 30-40.	1.1	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. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39557-39569.	4.0	37
56	Induction and activation of P-glycoprotein by dihydroxylated xanthenes protect against the cytotoxicity of the P-glycoprotein substrate paraquat. <i>Archives of Toxicology</i> , 2014, 88, 937-951.	1.9	36
57	Cytotoxicity and cell signalling induced by continuous mild hyperthermia in freshly isolated mouse hepatocytes. <i>Toxicology</i> , 2006, 224, 210-218.	2.0	35
58	Adrenaline in pro-oxidant conditions elicits intracellular survival pathways in isolated rat cardiomyocytes. <i>Toxicology</i> , 2009, 257, 70-79.	2.0	35
59	Benzoic acid-derived nitrones: A new class of potential acetylcholinesterase inhibitors and neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 116-129.	2.6	35
60	Cocaine: An Updated Overview on Chemistry, Detection, Biokinetics, and Pharmacotoxicological Aspects including Abuse Pattern. <i>Toxins</i> , 2022, 14, 278.	1.5	35
61	P-glycoprotein induction in Caco-2 cells by newly synthesized thioxanthenes prevents paraquat cytotoxicity. <i>Archives of Toxicology</i> , 2015, 89, 1783-1800.	1.9	34
62	Colchicine effect on P-glycoprotein expression and activity: In silico and in vitro studies. <i>Chemico-Biological Interactions</i> , 2014, 218, 50-62.	1.7	33
63	d-Amphetamine Interaction with Glutathione in Freshly Isolated Rat Hepatocytes. <i>Chemical Research in Toxicology</i> , 1996, 9, 1031-1036.	1.7	32
64	Development of Blood-Brain Barrier Permeable Nitrocatechol-Based Catechol <i>O</i> -Methyltransferase Inhibitors with Reduced Potential for Hepatotoxicity. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7584-7597.	2.9	32
65	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. <i>Frontiers in Chemistry</i> , 2018, 6, 126.	1.8	32
66	Adaptative response of antioxidant enzymes in different areas of rat brain after repeated d-amphetamine administration. <i>Addiction Biology</i> , 2001, 6, 213-221.	1.4	31
67	Therapeutic Concentrations of Mitoxantrone Elicit Energetic Imbalance in H9c2 Cells as an Earlier Event. <i>Cardiovascular Toxicology</i> , 2013, 13, 413-425.	1.1	31
68	Lessons from black pepper: piperine and derivatives thereof. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 245-264.	2.4	31
69	Adrenaline and reactive oxygen species elicit proteome and energetic metabolism modifications in freshly isolated rat cardiomyocytes. <i>Toxicology</i> , 2009, 260, 84-96.	2.0	30
70	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> , 2020, 185, 111770.	2.6	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. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1675-1682.	1.5	29
72	Development of a PEGylated-Based Platform for Efficient Delivery of Dietary Antioxidants Across the Blood-Brain Barrier. <i>Bioconjugate Chemistry</i> , 2018, 29, 1677-1689.	1.8	29

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73	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. <i>Biomedical Chromatography</i> , 2003, 17, 6-13.	0.8	28
74	Reactivity of paraquat with sodium salicylate: Formation of stable complexes. <i>Toxicology</i> , 2008, 249, 130-139.	2.0	28
75	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). <i>Toxicology</i> , 2007, 229, 236-244.	2.0	27
76	Synergistic toxicity of ethanol and MDMA towards primary cultured rat hepatocytes. <i>Toxicology</i> , 2008, 254, 42-50.	2.0	27
77	Structural isomerization of synephrine influences its uptake and ensuing glutathione depletion in rat-isolated cardiomyocytes. <i>Archives of Toxicology</i> , 2011, 85, 929-939.	1.9	27
78	Simultaneous determination of reduced and oxidized glutathione in freshly isolated rat hepatocytes and cardiomyocytes by HPLC with electrochemical detection. <i>Biomedical Chromatography</i> , 2000, 14, 468-473.	0.8	26
79	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> , 2010, 52, 721-726.	1.4	26
80	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> , 2011, 79A, 912-919.	1.1	26
81	Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin. <i>Toxicology Letters</i> , 2013, 220, 259-266.	0.4	26
82	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> , 2018, 1100-1101, 158-164.	1.2	26
83	Lipidomic characterization of streptozotocin-induced heart mitochondrial dysfunction. <i>Mitochondrion</i> , 2013, 13, 762-771.	1.6	25
84	Synthetic Cathinones: Recent Developments, Enantioselectivity Studies and Enantioseparation Methods. <i>Molecules</i> , 2022, 27, 2057.	1.7	25
85	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> , 1997, 20, 1269-1278.	0.5	23
86	Doxorubicin decreases paraquat accumulation and toxicity in Caco-2 cells. <i>Toxicology Letters</i> , 2013, 217, 34-41.	0.4	23
87	Development of Novel Rifampicin-Derived P-Glycoprotein Activators/Inducers. <i>Synthesis, In Silico Analysis and Application in the RBE4 Cell Model, Using Paraquat as Substrate. PLoS ONE</i> , 2013, 8, e74425.	1.1	23
88	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> , 2016, 105, 350-358.	1.6	22
89	Newly Synthesized Oxygenated Xanthenes as Potential P-Glycoprotein Activators: In Vitro, Ex Vivo, and In Silico Studies. <i>Molecules</i> , 2019, 24, 707.	1.7	22
90	Brain drug delivery and neurodegenerative diseases: Polymeric PLGA-based nanoparticles as a forefront platform. <i>Ageing Research Reviews</i> , 2022, 79, 101658.	5.0	22

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91	Effect of chronic ethanol exposure on the hepatotoxicity of ecstasy in mice: An ex vivo study. <i>Toxicology in Vitro</i> , 2008, 22, 910-920.	1.1	21
92	Hydrogen peroxide production in mouse tissues after acute d -amphetamine administration. Influence of monoamine oxidase inhibition. <i>Archives of Toxicology</i> , 2001, 75, 465-469.	1.9	20
93	Repurposing nitrocatechols: 5-Nitro- \pm -cyanocarboxamide derivatives of caffeic acid and caffeic acid phenethyl ester effectively inhibit aggregation of tau-derived hexapeptide AcPHF6. <i>European Journal of Medicinal Chemistry</i> , 2019, 167, 146-152.	2.6	20
94	Effect of d -amphetamine repeated administration on rat antioxidant defences. <i>Archives of Toxicology</i> , 1999, 73, 83-89.	1.9	19
95	4-methylthioamphetamine-induced hyperthermia in mice: influence of serotonergic and catecholaminergic pathways. <i>Toxicology and Applied Pharmacology</i> , 2003, 190, 262-271.	1.3	19
96	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> , 2010, 878, 815-822.	1.2	19
97	RBE4 cells are highly resistant to paraquat-induced cytotoxicity: studies on uptake and efflux mechanisms. <i>Journal of Applied Toxicology</i> , 2014, 34, 1023-1030.	1.4	19
98	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. <i>RSC Advances</i> , 2015, 5, 15800-15811.	1.7	19
99	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> , 2017, 91, 1871-1890.	1.9	18
100	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> , 2004, 811, 143-152.	1.2	18
101	Stabilization of Silver Nanoparticles on Polyester Fabric Using Organo-Matrices for Controlled Antimicrobial Performance. <i>Polymers</i> , 2022, 14, 1138.	2.0	18
102	Several transport systems contribute to the intestinal uptake of Paraquat, modulating its cytotoxic effects. <i>Toxicology Letters</i> , 2015, 232, 271-283.	0.4	17
103	Chiral Thioxanthenes as Modulators of P-glycoprotein: Synthesis and Enantioselectivity Studies. <i>Molecules</i> , 2018, 23, 626.	1.7	17
104	Leucoisoprenochrome-o-semiquinone Formation in Freshly Isolated Adult Rat Cardiomyocytes. <i>Chemical Research in Toxicology</i> , 2004, 17, 1584-1590.	1.7	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. <i>Chemical Research in Toxicology</i> , 2009, 22, 129-135.	1.7	16
106	Renalase regulates peripheral and central dopaminergic activities. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F84-F91.	1.3	16
107	Role of Inflammation and Redox Status on Doxorubicin-Induced Cardiotoxicity in Infant and Adult CD-1 Male Mice. <i>Biomolecules</i> , 2021, 11, 1725.	1.8	16
108	Electrospray tandem mass spectrometry of aminochromes. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2466-2471.	0.7	15

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109	Cumulative Mitoxantrone-Induced Haematological and Hepatic Adverse Effects in a Subchronic <i>in vivo</i> Study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 114, 254-262.	1.2	13
110	Doxorubicin Is Key for the Cardiotoxicity of FAC (5-Fluorouracil + Adriamycin + Cyclophosphamide) Combination in Differentiated H9c2 Cells. <i>Biomolecules</i> , 2019, 9, 21.	1.8	13
111	Inflammation as a Possible Trigger for Mitoxantrone-Induced Cardiotoxicity: An <i>In Vivo</i> Study in Adult and Infant Mice. <i>Pharmaceuticals</i> , 2021, 14, 510.	1.7	13
112	Khat, a Cultural Chewing Drug: A Toxicokinetic and Toxicodynamic Summary. <i>Toxins</i> , 2022, 14, 71.	1.5	13
113	Evaluation of GSH adducts of adrenaline in biological samples. <i>Biomedical Chromatography</i> , 2007, 21, 670-679.	0.8	12
114	Enantioresolution and Binding Affinity Studies on Human Serum Albumin: Recent Applications and Trends. <i>Chemosensors</i> , 2021, 9, 304.	1.8	12
115	CARDIOTOXICITY STUDIES USING FRESHLY ISOLATED CALCIUM-TOLERANT CARDIOMYOCYTES FROM ADULT RAT. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001, 37, 1.	0.7	11
116	Water extracts of <i>Brassica oleracea</i> var. <i>costata</i> potentiate paraquat toxicity to rat hepatocytes <i>in vitro</i> . <i>Toxicology in Vitro</i> , 2009, 23, 1131-1138.	1.1	11
117	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. <i>Toxicology</i> , 2010, 270, 150-157.	2.0	11
118	Kale Extract Increases Glutathione Levels in V79 Cells, but Does not Protect Them against Acute Toxicity Induced by Hydrogen Peroxide. <i>Molecules</i> , 2012, 17, 5269-5288.	1.7	11
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>Pharmaceuticals</i> , 2019, 11, 331.	2.0	11
120	The Main Metabolites of Fluorouracil + Adriamycin + Cyclophosphamide (FAC) Are Not Major Contributors to FAC Toxicity in H9c2 Cardiac Differentiated Cells. <i>Biomolecules</i> , 2019, 9, 98.	1.8	11
121	Insights into the Discovery of Novel Neuroprotective Agents: A Comparative Study between Sulfanyl-cinnamic Acid Derivatives and Related Phenolic Analogues. <i>Molecules</i> , 2019, 24, 4405.	1.7	11
122	Antimicrobial Activity of a Library of Thioxanthenes and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , 2021, 14, 572.	1.7	11
123	Identification of 4-Methylthioamphetamine and Some of its Metabolites in Mouse Urine by GC-MS after Acute Administration. <i>Journal of Analytical Toxicology</i> , 2002, 26, 228-232.	1.7	10
124	Quantification of morphine and its major metabolites M3G and M6G in antemortem and postmortem samples. <i>Biomedical Chromatography</i> , 2014, 28, 1263-1270.	0.8	10
125	Coordination Compounds As Multi-Delivery Systems for Osteoporosis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35469-35483.	4.0	10
126	Desrisking the Cytotoxicity of a Mitochondriotropic Antioxidant Based on Caffeic Acid by a PEGylated Strategy. <i>Bioconjugate Chemistry</i> , 2018, 29, 2723-2733.	1.8	9

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127	Pharmacokinetics and Toxicokinetics Roles of Membrane Transporters at Kidney Level. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020, 23, 333-356.	0.9	9
128	Mitoxantrone impairs proteasome activity and prompts early energetic and proteomic changes in HL-1 cardiomyocytes at clinically relevant concentrations. <i>Archives of Toxicology</i> , 2020, 94, 4067-4084.	1.9	9
129	Exploring the Multi-Target Performance of Mitochondriotropic Antioxidants against the Pivotal Alzheimer's Disease Pathophysiological Hallmarks. <i>Molecules</i> , 2020, 25, 276.	1.7	9
130	Oxygenated xanthenes as P-glycoprotein modulators at the intestinal barrier: in vitro and docking studies. <i>Medicinal Chemistry Research</i> , 2020, 29, 1041-1057.	1.1	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. <i>Toxicology and Applied Pharmacology</i> , 2020, 395, 114970.	1.3	9
132	Xanthenes as P-glycoprotein modulators and their impact on drug bioavailability. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 441-482.	1.5	9
133	Fine-Tuning the Biological Profile of Multitarget Mitochondriotropic Antioxidants for Neurodegenerative Diseases. <i>Antioxidants</i> , 2021, 10, 329.	2.2	9
134	Changes in taurine levels in response to repeated administration of the β_2 agonist salbutamol in lambs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 1997, 20, 33-37.	0.6	8
135	4-Oxoquinolines and monoamine oxidase: When tautomerism matters. <i>European Journal of Medicinal Chemistry</i> , 2021, 213, 113183.	2.6	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. <i>Toxicology and Applied Pharmacology</i> , 2021, 416, 115442.	1.3	8
137	The study of oxidative stress in freshly isolated Ca ²⁺ -tolerant cardiomyocytes from the adult rat. <i>Toxicology in Vitro</i> , 2001, 15, 283-287.	1.1	7
138	New marine-derived indolymethyl pyrazinoquinazoline alkaloids with promising antimicrobial profiles. <i>RSC Advances</i> , 2020, 10, 31187-31204.	1.7	7
139	The Secretome of Human Neonatal Mesenchymal Stem Cells Modulates Doxorubicin-Induced Cytotoxicity: Impact in Non-Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13072.	1.8	7
140	Bioisosteric OH- to SH-replacement changes the antioxidant profile of ferulic acid. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9646-9654.	1.5	6
141	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> , 2018, 11, 13-21.	1.0	6
142	Implementation of HPLC Methodology for the Quantification of Malondialdehyde in Cell Suspensions and Liver. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 2357-2369.	0.5	5
143	Multifunctionality and cytotoxicity of a layered coordination polymer. <i>Dalton Transactions</i> , 2020, 49, 3989-3998.	1.6	5
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