

Flix Dias Carvalho

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427
papers

42,935
citations

72
h-index

202
g-index

580
ext. papers

63,697
ext. citations

7.1
avg, IF

6.89
L-index

#	Paper	IF	Citations
427	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1789-1858	4.0	4524
426	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1211-1259	4.0	3432
425	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1736-1788	4.0	2850
424	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1923-1994	4.0	1964
423	Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1204-1222	4.0	1847
422	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1859-1922	4.0	1283
421	Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018 , 392, 1015-1035	4.0	1171
420	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1260-1344	4.0	1152
419	Global, regional, and national burden of stroke, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 439-458	24.1	1102
418	Global, regional, and national burden of neurological disorders, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 459-480	24.1	1093
417	Global, regional, and national burden of chronic kidney disease, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020 , 395, 709-733	4.0	1021
416	Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1223-1249	4.0	1013
415	Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2982-3021	15.1	922
414	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017: A Systematic Analysis for the Global Burden of Disease Study. <i>JAMA Oncology</i> , 2019 , 5, 1749-1768	13.4	888
413	Global, regional, and national burden of Alzheimer's disease and other dementias, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 88-106	24.1	782
412	Paraquat poisonings: mechanisms of lung toxicity, clinical features, and treatment. <i>Critical Reviews in Toxicology</i> , 2008 , 38, 13-71	5.7	565
411	Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1684-1735	4.0	483

410	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 56-87	24.1	480
409	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 17-30	18.8	448
408	Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018 , 391, 2236-2271	40	381
407	Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine, the</i> , 2020 , 8, 585-596	35.1	334
406	Global, regional, and national burden of suicide mortality 1990 to 2016: systematic analysis for the Global Burden of Disease Study 2016. <i>BMJ, The</i> , 2019 , 364, l94	5.9	302
405	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 245-266	18.8	297
404	Microplastics cause neurotoxicity, oxidative damage and energy-related changes and interact with the bioaccumulation of mercury in the European seabass, <i>Dicentrarchus labrax</i> (Linnaeus, 1758). <i>Aquatic Toxicology</i> , 2018 , 195, 49-57	5.1	296
403	Toxicity of amphetamines: an update. <i>Archives of Toxicology</i> , 2012 , 86, 1167-231	5.8	296
402	Global, regional, and national burden of epilepsy, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 357-375	24.1	252
401	Paraquat exposure as an etiological factor of Parkinson's disease. <i>NeuroToxicology</i> , 2006 , 27, 1110-22	4.4	240
400	Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases--a mechanistic approach. <i>Toxicology Letters</i> , 2014 , 230, 85-103	4.4	231
399	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1160-1203	40	228
398	Khat and synthetic cathinones: a review. <i>Archives of Toxicology</i> , 2014 , 88, 15-45	5.8	223
397	Molecular and cellular mechanisms of ecstasy-induced neurotoxicity: an overview. <i>Molecular Neurobiology</i> , 2009 , 39, 210-71	6.2	223
396	Modulation of P-glycoprotein efflux pump: induction and activation as a therapeutic strategy. <i>Pharmacology & Therapeutics</i> , 2015 , 149, 1-123	13.9	221
395	Use of the genus <i>Artemia</i> in ecotoxicity testing. <i>Environmental Pollution</i> , 2006 , 144, 453-62	9.3	220
394	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 2091-2138	40	210
393	Antioxidative properties of cardoon (<i>Cynara cardunculus</i> L.) infusion against superoxide radical, hydroxyl radical, and hypochlorous acid. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 4989-93	5.7	208

392	Global, regional, and national burden of brain and other CNS cancer, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 376-393	24.1	201
391	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. <i>Lancet HIV,the</i> , 2019 , 6, e831-e859	7.8	191
390	Erythropoietin mediates hepcidin expression in hepatocytes through EPOR signaling and regulation of C/EBPalpha. <i>Blood</i> , 2008 , 111, 5727-33	2.2	189
389	Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1995-2051	40	189
388	Effects of multi-stressors on juveniles of the marine fish <i>Pomatoschistus microps</i> : Gold nanoparticles, microplastics and temperature. <i>Aquatic Toxicology</i> , 2016 , 170, 89-103	5.1	186
387	The global, regional, and national burden of stomach cancer in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 42-54	18.8	184
386	Towards effective COVID-19 vaccines: Updates, perspectives and challenges (Review). <i>International Journal of Molecular Medicine</i> , 2020 , 46, 3-16	4.4	178
385	Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine,the</i> , 2019 , 7, 69-89	35.1	176
384	Do metals inhibit acetylcholinesterase (AChE)? Implementation of assay conditions for the use of AChE activity as a biomarker of metal toxicity. <i>Biomarkers</i> , 2005 , 10, 360-75	2.6	172
383	The global, regional, and national burden of pancreatic cancer and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 934-947	18.8	167
382	The hallucinogenic world of tryptamines: an updated review. <i>Archives of Toxicology</i> , 2015 , 89, 1151-73	5.8	147
381	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 913-933	18.8	144
380	Antioxidant activity of <i>Centaurium erythraea</i> infusion evidenced by its superoxide radical scavenging and xanthine oxidase inhibitory activity. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 3476-9	5.7	142
379	The global burden of non-typhoidal salmonella invasive disease: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, 1312-1324	25.5	128
378	Global, regional, and national burden of meningitis, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2018 , 17, 1061-1082	24.1	124
377	Global Mortality From Firearms, 1990-2016. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 792-814	27.4	114
376	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113
375	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1250-1284	40	112

374	Antioxidant activity of Hypericum androsaemum infusion: scavenging activity against superoxide radical, hydroxyl radical and hypochlorous acid. <i>Biological and Pharmaceutical Bulletin</i> , 2002 , 25, 1320-3	2.3	111
373	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Oncology</i> , 2019 , 20, 1211-1225	21.7	107
372	Collection of biological samples in forensic toxicology. <i>Toxicology Mechanisms and Methods</i> , 2010 , 20, 363-414	3.6	102
371	Estimation of the global prevalence of dementia in 2019 and forecasted prevalence in 2050: an analysis for the Global Burden of Disease Study 2019.. <i>Lancet Public Health</i> , 2022 ,	22.4	95
370	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	4.4	92
369	Studies on the antioxidant activity of Lippia citriodora infusion: scavenging effect on superoxide radical, hydroxyl radical and hypochlorous acid. <i>Biological and Pharmaceutical Bulletin</i> , 2002 , 25, 1324-7	2.3	90
368	Global, regional, and national burden of tuberculosis, 1990-2016: results from the Global Burden of Diseases, Injuries, and Risk Factors 2016 Study. <i>Lancet Infectious Diseases</i> , 2018 , 18, 1329-1349	25.5	89
367	Effects of widely used pharmaceuticals and a detergent on oxidative stress biomarkers of the crustacean <i>Artemia parthenogenetica</i> . <i>Chemosphere</i> , 2006 , 62, 581-94	8.4	87
366	<i>Amanita phalloides</i> poisoning: Mechanisms of toxicity and treatment. <i>Food and Chemical Toxicology</i> , 2015 , 86, 41-55	4.7	85
365	Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. <i>Food and Chemical Toxicology</i> , 2018 , 120, 681-699	4.7	85
364	Neurotoxicity mechanisms of thioether ecstasy metabolites. <i>Neuroscience</i> , 2007 , 146, 1743-57	3.9	84
363	Acute toxicity of widely used pharmaceuticals in aquatic species: <i>Gambusia holbrooki</i> , <i>Artemia parthenogenetica</i> and <i>Tetraselmis chuii</i> . <i>Ecotoxicology and Environmental Safety</i> , 2005 , 61, 413-9	7	82
362	Behaviour and biomarkers of oxidative stress in <i>Gambusia holbrooki</i> after acute exposure to widely used pharmaceuticals and a detergent. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 341-54	7	80
361	Profiling of RNA degradation for estimation of post mortem [corrected] interval. <i>PLoS ONE</i> , 2013 , 8, e56507	3.7	79
360	Contribution of catecholamine reactive intermediates and oxidative stress to the pathologic features of heart diseases. <i>Current Medicinal Chemistry</i> , 2011 , 18, 2272-314	4.3	77
359	Full survival of paraquat-exposed rats after treatment with sodium salicylate. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 1017-28	7.8	75
358	ER stress-inducible factor CHOP affects the expression of hepcidin by modulating C/EBPalpha activity. <i>PLoS ONE</i> , 2009 , 4, e6618	3.7	73
357	P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1213-24	7.8	72

356	The toxicity of N-methyl-alpha-methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and N-acetylcysteine. <i>Toxicology</i> , 2004 , 200, 193-203	4.4	72
355	The global, regional, and national burden of oesophageal cancer and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 582-597	18.8	71
354	Evaluation of toxic/protective effects of the essential oil of <i>Salvia officinalis</i> on freshly isolated rat hepatocytes. <i>Toxicology in Vitro</i> , 2004 , 18, 457-65	3.6	71
353	Cellular Models and In Vitro Assays for the Screening of modulators of P-gp, MRP1 and BCRP. <i>Molecules</i> , 2017 , 22,	4.8	70
352	Hepatotoxicity of 3,4-methylenedioxyamphetamine and alpha-methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. <i>Archives of Toxicology</i> , 2004 , 78, 16-24	5.8	70
351	Ecstasy-induced cell death in cortical neuronal cultures is serotonin 2A-receptor-dependent and potentiated under hyperthermia. <i>Neuroscience</i> , 2006 , 139, 1069-81	3.9	67
350	Role of metabolites in MDMA (ecstasy)-induced nephrotoxicity: an in vitro study using rat and human renal proximal tubular cells. <i>Archives of Toxicology</i> , 2002 , 76, 581-8	5.8	66
349	Metabolism is required for the expression of ecstasy-induced cardiotoxicity in vitro. <i>Chemical Research in Toxicology</i> , 2004 , 17, 623-32	4	66
348	Endothelium-derived oxidative stress may contribute to exercise-induced muscle damage. <i>International Journal of Sports Medicine</i> , 1993 , 14, 440-3	3.6	66
347	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> , 2005 , 206, 75-89	4.4	65
346	Neurotoxicity of Ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 53-61	4.7	64
345	Acute and chronic effects of clofibrate and clofibric acid on the enzymes acetylcholinesterase, lactate dehydrogenase and catalase of the mosquitofish, <i>Gambusia holbrooki</i> . <i>Chemosphere</i> , 2004 , 57, 1581-9	8.4	64
344	Hair as an alternative matrix in bioanalysis. <i>Bioanalysis</i> , 2013 , 5, 895-914	2.1	63
343	Acetyl-L-carnitine provides effective in vivo neuroprotection over 3,4-methylenedioxyamphetamine-induced mitochondrial neurotoxicity in the adolescent rat brain. <i>Neuroscience</i> , 2009 , 158, 514-23	3.9	63
342	Ecstasy induces apoptosis via 5-HT(2A)-receptor stimulation in cortical neurons. <i>NeuroToxicology</i> , 2007 , 28, 868-75	4.4	63
341	Hydroxyl radical and hypochlorous acid scavenging activity of small centaury (<i>Centaurium erythraea</i>) infusion. A comparative study with green tea (<i>Camellia sinensis</i>). <i>Phytomedicine</i> , 2003 , 10, 517-22	6.5	63
340	Green tea averts age-dependent decline of hippocampal signaling systems related to antioxidant defenses and survival. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 831-8	7.8	61
339	Mechanisms of cholinesterase inhibition by inorganic mercury. <i>FEBS Journal</i> , 2007 , 274, 1849-61	5.7	61

338	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of 'legal high' packages containing synthetic cathinones. <i>Archives of Toxicology</i> , 2015 , 89, 757-71	5.8	60
337	The heart as a target for xenobiotic toxicity: the cardiac susceptibility to oxidative stress. <i>Chemical Research in Toxicology</i> , 2013 , 26, 1285-311	4	58
336	Monoamine oxidase-B mediates ecstasy-induced neurotoxic effects to adolescent rat brain mitochondria. <i>Journal of Neuroscience</i> , 2007 , 27, 10203-10	6.6	57
335	Effect of 3,4-methylenedioxymethamphetamine ("ecstasy") on body temperature and liver antioxidant status in mice: influence of ambient temperature. <i>Archives of Toxicology</i> , 2002 , 76, 166-72	5.8	57
334	Global, Regional, and National Burden of Calcific Aortic Valve and Degenerative Mitral Valve Diseases, 1990-2017. <i>Circulation</i> , 2020 , 141, 1670-1680	16.7	54
333	The neurotoxicity of amphetamines during the adolescent period. <i>International Journal of Developmental Neuroscience</i> , 2015 , 41, 44-62	2.7	53
332	Haematological toxicity of clozapine and some other drugs used in psychiatry. <i>Human Psychopharmacology</i> , 2011 , 26, 112-9	2.3	53
331	Mitochondria: key players in the neurotoxic effects of amphetamines. <i>Archives of Toxicology</i> , 2015 , 89, 1695-725	5.8	52
330	3,4-Methylenedioxypropylvalerone (MDPV): in vitro mechanisms of hepatotoxicity under normothermic and hyperthermic conditions. <i>Archives of Toxicology</i> , 2016 , 90, 1959-73	5.8	52
329	GC determination of acetone, acetaldehyde, ethanol, and methanol in biological matrices and cell culture. <i>Journal of Chromatographic Science</i> , 2009 , 47, 272-8	1.4	52
328	Oxidation process of adrenaline in freshly isolated rat cardiomyocytes: formation of adrenochrome, quinoproteins, and GSH adduct. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1183-91	4	52
327	Red wine antioxidants protect hippocampal neurons against ethanol-induced damage: a biochemical, morphological and behavioral study. <i>Neuroscience</i> , 2007 , 146, 1581-92	3.9	50
326	Chronic green tea consumption prevents age-related changes in rat hippocampal formation. <i>Neurobiology of Aging</i> , 2011 , 32, 707-17	5.6	49
325	Hepcidin messenger RNA expression in human lymphocytes. <i>Immunology</i> , 2010 , 130, 217-30	7.8	49
324	Simultaneous determination of amphetamine derivatives in human urine after SPE extraction and HPLC-UV analysis. <i>Biomedical Chromatography</i> , 2004 , 18, 125-31	1.7	49
323	Glutathione and cysteine measurement in biological samples by HPLC with a glassy carbon working detector. <i>Biomedical Chromatography</i> , 1994 , 8, 134-6	1.7	48
322	Comparative pharmacology and toxicology of tramadol and tapentadol. <i>European Journal of Pain</i> , 2018 , 22, 827-844	3.7	47
321	Flavonoids with an oligopolysulfated moiety: a new class of anticoagulant agents. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 95-106	8.3	47

320	Is hyperthermia the triggering factor for hepatotoxicity induced by 3,4-methylenedioxyamphetamine (ecstasy)? An in vitro study using freshly isolated mouse hepatocytes. <i>Archives of Toxicology</i> , 2001 , 74, 789-93	5.8	47
319	Electrochemical sensing of ecstasy with electropolymerized molecularly imprinted poly(o-phenylenediamine) polymer on the surface of disposable screen-printed carbon electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 290, 378-386	8.5	46
318	Contribution of oxidative metabolism to cocaine-induced liver and kidney damage. <i>Current Medicinal Chemistry</i> , 2012 , 19, 5601-6	4.3	46
317	Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. <i>Lancet Infectious Diseases</i> , 2020 , 20, 60-79	25.5	46
316	The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study. <i>Injury Prevention</i> , 2020 , 26, i83-i95	3.2	45
315	Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. <i>British Journal of Pharmacology</i> , 2012 , 165, 1017-33	8.6	45
314	Polysulfated xanthenes: multipathway development of a new generation of dual anticoagulant/antiplatelet agents. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5373-84	8.3	45
313	d-Amphetamine-induced hepatotoxicity: possible contribution of catecholamines and hyperthermia to the effect studied in isolated rat hepatocytes. <i>Archives of Toxicology</i> , 1997 , 71, 429-36	5.8	45
312	Cholinesterase from the common prawn (<i>Palaemon serratus</i>) eyes: catalytic properties and sensitivity to organophosphate and carbamate compounds. <i>Aquatic Toxicology</i> , 2006 , 77, 412-21	5.1	45
311	Mechanisms underlying the hepatotoxic effects of ecstasy. <i>Current Pharmaceutical Biotechnology</i> , 2010 , 11, 476-95	2.6	45
310	Interaction of polyacrylic acid coated and non-coated iron oxide nanoparticles with human neutrophils. <i>Toxicology Letters</i> , 2014 , 225, 57-65	4.4	44
309	Protective activity of hesperidin and lipoic acid against sodium arsenite acute toxicity in mice. <i>Toxicologic Pathology</i> , 2004 , 32, 527-35	2.1	43
308	Cu ²⁺ -induced isoproterenol oxidation into isoprenochrome in adult rat calcium-tolerant cardiomyocytes. <i>Chemical Research in Toxicology</i> , 2002 , 15, 861-9	4	43
307	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet</i> , 2021 , 398, 870-905	4.0	43
306	Editor's Highlight: Characterization of Hepatotoxicity Mechanisms Triggered by Designer Cathinone Drugs (Keto Amphetamines). <i>Toxicological Sciences</i> , 2016 , 153, 89-102	4.4	42
305	In vitro study of P-glycoprotein induction as an antidotal pathway to prevent cytotoxicity in Caco-2 cells. <i>Archives of Toxicology</i> , 2011 , 85, 315-26	5.8	42
304	An effective antidote for paraquat poisonings: the treatment with lysine acetylsalicylate. <i>Toxicology</i> , 2009 , 255, 187-93	4.4	42
303	Neurotoxicity of Keto Amphetamines: Deathly Mechanisms Elicited by Methylone and MDPV in Human Dopaminergic SH-SY5Y Cells. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 850-859	5.7	41

302	Comparative metabolism of tramadol and tapentadol: a toxicological perspective. <i>Drug Metabolism Reviews</i> , 2016 , 48, 577-592	7	41
301	A rapid and simple procedure for the establishment of human normal and cancer renal primary cell cultures from surgical specimens. <i>PLoS ONE</i> , 2011 , 6, e19337	3.7	41
300	Postmortem analyses unveil the poor efficacy of decontamination, anti-inflammatory and immunosuppressive therapies in paraquat human intoxications. <i>PLoS ONE</i> , 2009 , 4, e7149	3.7	41
299	Long-term exposure to cypermethrin and piperonyl butoxide cause liver and kidney inflammation and induce genotoxicity in New Zealand white male rabbits. <i>Food and Chemical Toxicology</i> , 2016 , 94, 250-257	4.7	40
298	Acute paraquat poisoning: report of a survival case following intake of a potential lethal dose. <i>Pediatric Emergency Care</i> , 2006 , 22, 537-40	1.4	40
297	The mixture of "ecstasy" and its metabolites is toxic to human SH-SY5Y differentiated cells at in vivo relevant concentrations. <i>Archives of Toxicology</i> , 2014 , 88, 455-73	5.8	39
296	Sodium salicylate prevents paraquat-induced apoptosis in the rat lung. <i>Free Radical Biology and Medicine</i> , 2007 , 43, 48-61	7.8	39
295	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020 , 26, i96-i114	3.2	39
294	Improved strategies to counter the COVID-19 pandemic: Lockdowns vs. primary and community healthcare. <i>Toxicology Reports</i> , 2021 , 8, 1-9	4.8	38
293	Methylone and MDPV activate autophagy in human dopaminergic SH-SY5Y cells: a new insight into the context of Eketo amphetamines-related neurotoxicity. <i>Archives of Toxicology</i> , 2017 , 91, 3663-3676	5.8	37
292	Role of superoxide and hydrogen peroxide in hypertension induced by an antagonist of adenosine receptors. <i>European Journal of Pharmacology</i> , 2008 , 588, 267-76	5.3	37
291	Neuropeptide Y protects retinal neural cells against cell death induced by ecstasy. <i>Neuroscience</i> , 2008 , 152, 97-105	3.9	37
290	Inhibition of Glutathione Reductase by Isoproterenol Oxidation Products. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1999 , 15, 47-61		37
289	Hepatoprotective activity of xanthenes and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes--comparison with silybin. <i>Pharmaceutical Research</i> , 1995 , 12, 1756-60	4.5	37
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