Eduarda Fernandes

List of Publications by Year
in descending order

260 papers	34,439 citations	10351 72 h-index	4419 172 g-index
269 all docs	269 docs citations	269 times ranked	51158 citing authors

#	Article	IF	Citations
1	Global, regional, and national burden of chronic kidney disease, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2020, 395, 709-733.	6.3	2,858
2	Global, regional, and national burden of neurological disorders, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 459-480.	4.9	2,625
3	Alcohol use and burden for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2018, 392, 1015-1035.	6.3	2,005
4	Global, regional, and national burden of stroke, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 439-458.	4.9	2,005
5	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. JAMA Oncology, 2019, 5, 1749.	3.4	1,691
6	Global, regional, and national burden of Alzheimer's disease and other dementias, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 88-106.	4.9	1,512
7	Fluorescence probes used for detection of reactive oxygen species. Journal of Proteomics, 2005, 65, 45-80.	2.4	1,505
8	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2020, 5, 17-30.	3.7	1,200
9	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 56-87.	4.9	1,064
10	Prevalence and attributable health burden of chronic respiratory diseases, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet Respiratory Medicine,the, 2020, 8, 585-596.	5.2	1,049
11	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950â€“2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1160-1203.	6.3	890
12	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2020, 5, 245-266.	3.7	823
13	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. Lancet, The, 2018, 391, 2236-2271.	6.3	638
14	Global, regional, and national burden of epilepsy, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 357-375.	4.9	526
15	The global, regional, and national burden of pancreatic cancer and its attributable risk factors in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2019, 4, 934-947.	3.7	372
16	Global, regional, and national burden of brain and other CNS cancer, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 376-393.	4.9	359
17	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980â€“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. Lancet HIV,the, 2019, 6, e831-e859.	2.1	341
18	The global burden of non-typhoidal salmonella invasive disease: a systematic analysis for the Global Burden of Disease Study 2017. Lancet Infectious Diseases, The, 2019, 19, 1312-1324.	4.6	338

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19	Five insights from the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1135-1159.	6.3	335
20	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1250-1284.	6.3	330
21	Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. Lancet Respiratory Medicine,the, 2019, 7, 69-89.	5.2	326
22	Î±-Glucosidase inhibition by flavonoids: an in vitro and in silico structureâ€“activity relationship study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1216-1228.	2.5	274
23	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2019, 4, 913-933.	3.7	259
24	Antioxidative Properties of Cardoon (Cynara cardunculusL.) Infusion Against Superoxide Radical, Hydroxyl Radical, and Hypochlorous Acid. Journal of Agricultural and Food Chemistry, 2002, 50, 4989-4993.	2.4	244
25	The global, regional, and national burden of oesophageal cancer and its attributable risk factors in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2020, 5, 582-597.	3.7	241
26	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. Lancet, The, 2021, 398, 870-905.	6.3	229
27	Global, regional, and national burden of meningitis, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2018, 17, 1061-1082.	4.9	221
28	Global, Regional, and National Burden of Calcific Aortic Valve and Degenerative Mitral Valve Diseases, 1990â€“2017. Circulation, 2020, 141, 1670-1680.	1.6	206
29	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. Lancet Oncology, The, 2019, 20, 1211-1225.	5.1	199
30	Antiâ€inflammatory Effect of Rosmarinic Acid and an Extract of Rosmarinus officinalis in Rat Models of Local and Systemic Inflammation. Basic and Clinical Pharmacology and Toxicology, 2015, 116, 398-413.	1.2	193
31	Molecular Mechanisms of Anti-Inflammatory Activity Mediated by Flavonoids. Current Medicinal Chemistry, 2008, 15, 1586-1605.	1.2	168
32	Antioxidant Activity ofCentaurium erythraeaInfusion Evidenced by Its Superoxide Radical Scavenging and Xanthine Oxidase Inhibitory Activity. Journal of Agricultural and Food Chemistry, 2001, 49, 3476-3479.	2.4	164
33	Global, regional, and national burden of motor neuron diseases 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2018, 17, 1083-1097.	4.9	163
34	Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. Food and Chemical Toxicology, 2018, 120, 681-699.	1.8	152
35	Use of Fluorescence Probes for Detection of Reactive Nitrogen Species: A Review. Journal of Fluorescence, 2006, 16, 119-139.	1.3	151
36	In vitro scavenging activity for reactive oxygen and nitrogen species by nonsteroidal anti-inflammatory indole, pyrrole, and oxazole derivative drugs. Free Radical Biology and Medicine, 2004, 37, 1895-1905.	1.3	149

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37	Optical probes for detection and quantification of neutrophilsâ€™ oxidative burst. A review. Analytica Chimica Acta, 2009, 649, 8-23.	2.6	145
38	Global, regional, and national burden of tuberculosis, 1990â€“2016: results from the Global Burden of Diseases, Injuries, and Risk Factors 2016 Study. Lancet Infectious Diseases, The, 2018, 18, 1329-1349.	4.6	144
39	A comprehensive review on xanthone derivatives as Î±-glucosidase inhibitors. European Journal of Medicinal Chemistry, 2018, 157, 1460-1479.	2.6	139
40	Inhibition of human neutrophil oxidative burst by pyrazolone derivatives. Free Radical Biology and Medicine, 2006, 40, 632-640.	1.3	135
41	Developments Towards Regioselective Synthesis of 1,2â€Disubstituted Benzimidazoles. Chemistry - A European Journal, 2011, 17, 12544-12555.	1.7	134
42	Antioxidant Activity of Hypericum androsaemum Infusion: Scavenging Activity against Superoxide Radical, Hydroxyl Radical and Hypochlorous Acid.. Biological and Pharmaceutical Bulletin, 2002, 25, 1320-1323.	0.6	131
43	2-Styrylchromones: Novel strong scavengers of reactive oxygen and nitrogen species. Bioorganic and Medicinal Chemistry, 2007, 15, 6027-6036.	1.4	125
44	Antioxidant activity of unexplored indole derivatives: Synthesis and screening. European Journal of Medicinal Chemistry, 2010, 45, 4869-4878.	2.6	110
45	In vitro scavenging capacity of annatto seed extracts against reactive oxygen and nitrogen species. Food Chemistry, 2011, 127, 419-426.	4.2	109
46	The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study. Injury Prevention, 2020, 26, i83-i95.	1.2	109
47	Walnut (Juglans regia) leaf extracts are strong scavengers of pro-oxidant reactive species. Food Chemistry, 2008, 106, 1014-1020.	4.2	105
48	Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. Lancet Infectious Diseases, The, 2020, 20, 37-59.	4.6	104
49	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. Injury Prevention, 2020, 26, i96-i114.	1.2	103
50	Studies on the Antioxidant Activity of Lippia citriodora Infusion: Scavenging Effect on Superoxide Radical, Hydroxyl Radical and Hypochlorous Acid. Biological and Pharmaceutical Bulletin, 2002, 25, 1324-1327.	0.6	102
51	Isolation and activation of human neutrophils in vitro. The importance of the anticoagulant used during blood collection. Clinical Biochemistry, 2008, 41, 570-575.	0.8	101
52	Evaluation of a flavonoids library for inhibition of pancreatic Î±-amylase towards a structureâ€“activity relationship. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 577-588.	2.5	100
53	The global distribution of lymphatic filariasis, 2000â€“18: a geospatial analysis. The Lancet Global Health, 2020, 8, e1186-e1194.	2.9	98
54	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. Lancet Infectious Diseases, The, 2020, 20, 60-79.	4.6	95

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55	Proinflammatory Pathways: The Modulation by Flavonoids. Medicinal Research Reviews, 2015, 35, 877-936.	5.0	94
56	Epidemiology of injuries from fire, heat and hot substances: global, regional and national morbidity and mortality estimates from the Global Burden of Disease 2017 study. Injury Prevention, 2020, 26, i36-i45.	1.2	93
57	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980â€“2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. Lancet, The, 2021, 398, 503-521.	6.3	93
58	Neurotoxicity mechanisms of thioether ecstasy metabolites. Neuroscience, 2007, 146, 1743-1757.	1.1	92
59	Flavonoids Inhibit COX-1 and COX-2 Enzymes and Cytokine/Chemokine Production in Human Whole Blood. Inflammation, 2015, 38, 858-870.	1.7	92
60	Global, regional, and national mortality among young people aged 10â€“24 years, 1950â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2021, 398, 1593-1618.	6.3	92
61	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000â€“17. The Lancet Global Health, 2020, 8, e1162-e1185.	2.9	91
62	Inhibition of LOX by flavonoids: a structureâ€“activity relationship study. European Journal of Medicinal Chemistry, 2014, 72, 137-145.	2.6	87
63	Evaluation of toxic/protective effects of the essential oil of Salvia officinalis on freshly isolated rat hepatocytes. Toxicology in Vitro, 2004, 18, 457-465.	1.1	83
64	Synthesis of N-aryl-5-amino-4-cyanopyrazole derivatives as potent xanthine oxidase inhibitors. European Journal of Medicinal Chemistry, 2008, 43, 771-780.	2.6	83
65	Hydroxyl radical and hypochlorous acid scavenging activity of small Centaury (Centaurium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 517-522.	2.3	82
66	Hepatotoxicity of 3,4-methylenedioxyamphetamine and ?-methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. Archives of Toxicology, 2004, 78, 16-24.	1.9	82
67	Flavonoids as antiobesity agents: A review. Medicinal Research Reviews, 2021, 41, 556-585.	5.0	81
68	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
69	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.	2.0	77
70	Electrochemical sensing of ecstasy with electropolymerized molecularly imprinted poly(o-phenylenediamine) polymer on the surface of disposable screen-printed carbon electrodes. Sensors and Actuators B: Chemical, 2019, 290, 378-386.	4.0	77
71	Acetyl-l-carnitine provides effective in vivo neuroprotection over 3,4-methylenedioximethamphetamine-induced mitochondrial neurotoxicity in the adolescent rat brain. Neuroscience, 2009, 158, 514-523.	1.1	76
72	Carotenoids inhibit lipid peroxidation and hemoglobin oxidation, but not the depletion of glutathione induced by ROS in human erythrocytes. Life Sciences, 2014, 99, 52-60.	2.0	75

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73	Antioxidant activity of Î²-blockers: An effect mediated by scavenging reactive oxygen and nitrogen species?. Bioorganic and Medicinal Chemistry, 2006, 14, 4568-4577.	1.4	74
74	Protective effects of hydroxytyrosol-supplemented refined olive oil in animal models of acute inflammation and rheumatoid arthritis. Journal of Nutritional Biochemistry, 2015, 26, 360-368.	1.9	73
75	Natural and Synthetic Xanthones as Monoamine Oxidase Inhibitors: Biological Assay and 3D-QSAR. Helvetica Chimica Acta, 2001, 84, 552-570.	1.0	72
76	Role of metabolites in MDMA (ecstasy)-induced nephrotoxicity: an in vitro study using rat and human renal proximal tubular cells. Archives of Toxicology, 2002, 76, 581-588.	1.9	72
77	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000â€“17: analysis for the Global Burden of Disease Study 2017. Lancet, The, 2020, 395, 1779-1801.	6.3	72
78	Metabolism Is Required for the Expression of Ecstasy-Induced Cardiotoxicity in Vitro. Chemical Research in Toxicology, 2004, 17, 623-632.	1.7	71
79	Therapeutic potential of hesperidin and its aglycone hesperetin: Cell cycle regulation and apoptosis induction in cancer models. Phytomedicine, 2020, 73, 152887.	2.3	71
80	The burden of mental disorders, substance use disorders and self-harm among young people in Europe, 1990â€“2019: Findings from the Global Burden of Disease Study 2019. Lancet Regional Health - Europe, The, 2022, 16, 100341.	3.0	70
81	Ecstasy induces apoptosis via 5-HT2A-receptor stimulation in cortical neurons. NeuroToxicology, 2007, 28, 868-875.	1.4	67
82	Zinc, cadmium and nickel increase the activation of NF-ÎºB and the release of cytokines from THP-1 monocytic cells. Metallomics, 2011, 3, 1238.	1.0	67
83	Flavonoids as potential agents in the management of type 2 diabetes through the modulation of Î±-amylase and Î±-glucosidase activity: a review. Critical Reviews in Food Science and Nutrition, 2022, 62, 3137-3207.	5.4	67
84	Synthesis and antioxidant properties of new chromone derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 7218-7226.	1.4	66
85	The metabolism of sulindac enhances its scavenging activity against reactive oxygen and nitrogen species. Free Radical Biology and Medicine, 2003, 35, 1008-1017.	1.3	61
86	Hydrogen peroxide scavenging activity by non-steroidal anti-inflammatory drugs. Life Sciences, 2005, 76, 2841-2848.	2.0	61
87	Monoamine Oxidase-B Mediates Ecstasy-Induced Neurotoxic Effects to Adolescent Rat Brain Mitochondria. Journal of Neuroscience, 2007, 27, 10203-10210.	1.7	61
88	Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. Nature Medicine, 2021, 27, 1761-1782.	15.2	60
89	A Systematic Review on Anti-diabetic Properties of Chalcones. Current Medicinal Chemistry, 2020, 27, 2257-2321.	1.2	59
90	Neurotoxicity of Î²-Keto Amphetamines: Deathly Mechanisms Elicited by Methylone and MDPV in Human Dopaminergic SH-SY5Y Cells. ACS Chemical Neuroscience, 2017, 8, 850-859.	1.7	58

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91	Protective effect of Castanea sativa and Quercus robur leaf extracts against oxygen and nitrogen reactive species. Journal of Photochemistry and Photobiology B: Biology, 2008, 91, 87-95.	1.7	56
92	Size-dependent cytotoxicity of silver nanoparticles in human neutrophils assessed by multiple analytical approaches. Life Sciences, 2016, 145, 247-254.	2.0	56
93	Interaction of polyacrylic acid coated and non-coated iron oxide nanoparticles with human neutrophils. Toxicology Letters, 2014, 225, 57-65.	0.4	55
94	Antioxidant Activity and Inhibition of Human Neutrophil Oxidative Burst Mediated by Arylpropionic Acid Non-steroidal Anti-inflammatory Drugs. Biological and Pharmaceutical Bulletin, 2006, 29, 1659-1670.	0.6	53
95	Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12200.	1.8	53
96	Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990â€“2019: results from the Global Burden of Disease Study 2019. Lancet Infectious Diseases, The, 2022, 22, 222-241.	4.6	53
97	Psidium cattleianum fruit extracts are efficient in vitro scavengers of physiologically relevant reactive oxygen and nitrogen species. Food Chemistry, 2014, 165, 140-148.	4.2	52
98	Proâ€oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. British Journal of Pharmacology, 2012, 165, 1017-1033.	2.7	51
99	Infusion, decoction and hydroalcoholic extracts of leaves from artichoke (Cynara cardunculus L.) Tj ETQq1 1 0.784314 rgBT /Overloc International, 2014, 64, 150-156.	2.9	51
100	Editorâ€™s Highlight: Characterization of Hepatotoxicity Mechanisms Triggered by Designer Cathinone Drugs (Î²-Keto Amphetamines). Toxicological Sciences, 2016, 153, 89-102.	1.4	50
101	New noncellular fluorescence microplate screening assay for scavenging activity against singlet oxygen. Analytical and Bioanalytical Chemistry, 2007, 387, 2071-2081.	1.9	48
102	Modulation of human neutrophils' oxidative burst by flavonoids. European Journal of Medicinal Chemistry, 2013, 67, 280-292.	2.6	48
103	Scavenging of reactive oxygen and nitrogen species by the prodrug sulfasalazine and its metabolites 5-aminosalicylic acid and sulfapyridine. Redox Report, 2010, 15, 259-267.	1.4	47
104	The mixture of â€œecstasyâ€•and its metabolites is toxic to human SH-SY5Y differentiated cells at in vivo relevant concentrations. Archives of Toxicology, 2014, 88, 455-473.	1.9	45
105	The Amazonian fruit Byrsonima crassifolia effectively scavenges reactive oxygen and nitrogen species and protects human erythrocytes against oxidative damage. Food Research International, 2014, 64, 618-625.	2.9	45
106	Public health utility of cause of death data: applying empirical algorithms to improve data quality. BMC Medical Informatics and Decision Making, 2021, 21, 175.	1.5	45
107	Hepatoprotective activity of xanthones and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes--comparison with silybin. Pharmaceutical Research, 1995, 12, 1756-1760.	1.7	44
108	Protective Activity of Hesperidin and Lipoic Acid Against Sodium Arsenite Acute Toxicity in Mice. Toxicologic Pathology, 2004, 32, 527-535.	0.9	44

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109	Synthesis of chlorinated flavonoids with anti-inflammatory and pro-apoptotic activities in human neutrophils. European Journal of Medicinal Chemistry, 2014, 86, 153-164.	2.6	44
110	Inhibition of protein tyrosine phosphatase 1B by flavonoids: A structure - activity relationship study. Food and Chemical Toxicology, 2018, 111, 474-481.	1.8	44
111	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. Injury Prevention, 2020, 26, i125-i153.	1.2	44
112	Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. Injury Prevention, 2020, 26, i12-i26.	1.2	44
113	Role of superoxide and hydrogen peroxide in hypertension induced by an antagonist of adenosine receptors. European Journal of Pharmacology, 2008, 588, 267-276.	1.7	42
114	Scavenging activity of aminoantipyrines against hydroxyl radical. European Journal of Medicinal Chemistry, 2010, 45, 2258-2264.	2.6	42
115	The potential of extracts of Caryocar villosum pulp to scavenge reactive oxygen and nitrogen species. Food Chemistry, 2012, 135, 1740-1749.	4.2	42
116	Novel chromone and xanthone derivatives: Synthesis and ROS/RNS scavenging activities. European Journal of Medicinal Chemistry, 2016, 115, 381-392.	2.6	42
117	A study towards drug discovery for the management of type 2 diabetes mellitus through inhibition of the carbohydrate-hydrolyzing enzymes Î±-amylase and Î±-glucosidase by chalcone derivatives. Food and Function, 2019, 10, 5510-5520.	2.1	41
118	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.	1.4	40
119	Chronic exposure to ethanol exacerbates MDMA-induced hyperthermia and exposes liver to severe MDMA-induced toxicity in CD1 mice. Toxicology, 2008, 252, 64-71.	2.0	40
120	Biological Activities of 2-Styrylchromones. Mini-Reviews in Medicinal Chemistry, 2010, 10, 1-7.	1.1	40
121	Neuropeptide Y protects retinal neural cells against cell death induced by ecstasy. Neuroscience, 2008, 152, 97-105.	1.1	39
122	Nickel induces oxidative burst, NF-ÎºB activation and interleukin-8 production in human neutrophils. Journal of Biological Inorganic Chemistry, 2010, 15, 1275-1283.	1.1	39
123	Neurotoxicity of â€œecstasyâ€•and its metabolites in human dopaminergic differentiated SH-SY5Y cells. Toxicology Letters, 2013, 216, 159-170.	0.4	39
124	1H and13C NMR Spectroscopy of mono-, di-, tri- and tetrasubstituted xanthones. Magnetic Resonance in Chemistry, 1998, 36, 305-309.	1.1	38
125	Oxygen and Nitrogen Reactive Species Are Effectively Scavenged by Eucalyptus globulus Leaf Water Extract. Journal of Medicinal Food, 2009, 12, 175-183.	0.8	37
126	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. Biochemical Pharmacology, 2009, 78, 171-177.	2.0	37

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127	The neurotoxicity of hallucinogenic amphetamines in primary cultures of hippocampal neurons. NeuroToxicology, 2013, 34, 254-263.	1.4	37
128	Singlet oxygen scavenging activity of non-steroidal anti-inflammatory drugs. Redox Report, 2008, 13, 153-160.	1.4	36
129	PRECLINICAL STUDY: Ecstasyâ€induced oxidative stress to adolescent rat brain mitochondria in vivo: influence of monoamine oxidase type A. Addiction Biology, 2009, 14, 185-193.	1.4	36
130	Indole based cyclooxygenase inhibitors: Synthesis, biological evaluation, docking and NMR screening. European Journal of Medicinal Chemistry, 2012, 54, 823-833.	2.6	36
131	Anti-inflammatory and antioxidant activity of a medicinal tincture from Pedilanthus tithymaloides. Life Sciences, 2006, 78, 1578-1585.	2.0	35
132	Cyclic voltammetric analysis of 2-styrylchromones: Relationship with the antioxidant activity. Bioorganic and Medicinal Chemistry, 2008, 16, 7939-7943.	1.4	35
133	Carotenoids are Effective Inhibitors of in vitro Hemolysis of Human Erythrocytes, as Determined by a Practical and Optimized Cellular Antioxidant Assay. Journal of Food Science, 2014, 79, H1841-7.	1.5	35
134	Superoxide Anion Radical: Generation and Detection in Cellular and Non-Cellular Systems. Current Medicinal Chemistry, 2015, 22, 4234-4256.	1.2	35
135	Optimization of experimental settings for the analysis of human neutrophils oxidative burst in vitro. Talanta, 2009, 78, 1476-1483.	2.9	33
136	Analysis of the antioxidant activity of an indole library: cyclic voltammetry versus ROS scavenging activity. Tetrahedron Letters, 2011, 52, 101-106.	0.7	33
137	Protective effects of a blueberry extract in acute inflammation and collagen-induced arthritis in the rat. Biomedicine and Pharmacotherapy, 2016, 83, 1191-1202.	2.5	33
138	Optimization of antioxidants â€“ Extraction from Castanea sativa leaves. Chemical Engineering Journal, 2012, 203, 101-109.	6.6	32
139	Chemical characterization of a red raspberry fruit extract and evaluation of its pharmacological effects in experimental models of acute inflammation and collagen-induced arthritis. Food and Function, 2014, 5, 3241-3251.	2.1	32
140	Subnational mapping of HIV incidence and mortality among individuals aged 15â€“49 years in sub-Saharan Africa, 2000â€“18: a modelling study. Lancet HIV,the, 2021, 8, e363-e375.	2.1	32
141	Adaptative response of antioxidant enzymes in different areas of rat brain after repeatedd-amphetamine administration. Addiction Biology, 2001, 6, 213-221.	1.4	31
142	2-Styrylchromones As Novel Inhibitors of Xanthine Oxidase. A Structure-activity Study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2002, 17, 45-48.	2.5	31
143	Hepatoprotective activity of polyhydroxylated 2-styrylchromones against tert-butylhydroperoxide induced toxicity in freshly isolated rat hepatocytes. Archives of Toxicology, 2003, 77, 500-505.	1.9	31
144	Dipyrone and aminopyrine are effective scavengers of reactive nitrogen species. Redox Report, 2006, 11, 136-142.	1.4	31

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145	Nickel induces apoptosis in human neutrophils. BioMetals, 2013, 26, 13-21.	1.8	31
146	Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxymethamphetamine (MDMA) Human Metabolites. Journal of Health Science, 2007, 53, 31-42.	0.9	30
147	Erythropoietin Reduces Acute Lung Injury and Multiple Organ Failure/Dysfunction Associated to a Scald-Burn Inflammatory Injury in the Rat. Inflammation, 2015, 38, 312-326.	1.7	30
148	In vitro bioactive properties of phlorotannins recovered from hydrothermal treatment of Sargassum muticum. Separation and Purification Technology, 2016, 167, 117-126.	3.9	30
149	"Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. Archives of Toxicology, 2014, 88, 515-531.	1.9	29
150	Biodistribution of polyacrylic acidâ€coated iron oxide nanoparticles is associated with proinflammatory activation and liver toxicity. Journal of Applied Toxicology, 2016, 36, 1321-1331.	1.4	29
151	Immunomodulatory Effects of Flavonoids in the Prophylaxis and Treatment of Inflammatory Bowel Diseases: A Comprehensive Review. Current Medicinal Chemistry, 2018, 25, 3374-3412.	1.2	29
152	New phenolic cinnamic acid derivatives as selective COX-2 inhibitors. Design, synthesis, biological activity and structure-activity relationships. Bioorganic Chemistry, 2019, 91, 103179.	2.0	29
153	Synergistic toxicity of ethanol and MDMA towards primary cultured rat hepatocytes. Toxicology, 2008, 254, 42-50.	2.0	27
154	Polyacrylic acid coated and non-coated iron oxide nanoparticles are not genotoxic to human T lymphocytes. Toxicology Letters, 2015, 234, 67-73.	0.4	27
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