

Eduarda Fernandes

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253
papers

18,616
citations

61
h-index

131
g-index

269
ext. papers

26,612
ext. citations

8
avg, IF

6.16
L-index

#	Paper	IF	Citations
253	Fluorescence probes used for detection of reactive oxygen species. <i>Journal of Proteomics</i> , 2005 , 65, 45-80		1266
252	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	40	1171
251	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
250	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
249	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	40	1021
248	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
247	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
246	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
245	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
244	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
243	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
242	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
241	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
240	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
239	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
238	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
237	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

236	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
235	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
234	Glucosidase inhibition by flavonoids: an in vitro and in silico structure-activity relationship study. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 1216-1228	5.6	153
233	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
232	Antioxidant activity of Centaurium erythraea 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
231	Use of fluorescence probes for detection of reactive nitrogen species: a review. <i>Journal of Fluorescence</i> , 2006 , 16, 119-39	2.4	139
230	Anti-inflammatory effect of rosmarinic acid and an extract of Rosmarinus officinalis in rat models of local and systemic inflammation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 116, 398-413	3.1	135
229	Molecular mechanisms of anti-inflammatory activity mediated by flavonoids. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1586-605	4.3	134
228	In vitro scavenging activity for reactive oxygen and nitrogen species by nonsteroidal anti-inflammatory indole, pyrrole, and oxazole derivative drugs. <i>Free Radical Biology and Medicine</i> , 2004 , 37, 1895-905	7.8	134
227	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
226	Optical probes for detection and quantification of neutrophils' oxidative burst. A review. <i>Analytica Chimica Acta</i> , 2009 , 649, 8-23	6.6	126
225	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
224	Inhibition of human neutrophil oxidative burst by pyrazolone derivatives. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 632-40	7.8	120
223	Developments towards regioselective synthesis of 1,2-disubstituted benzimidazoles. <i>Chemistry - A European Journal</i> , 2011 , 17, 12544-55	4.8	114
222	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113
221	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
220	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
219	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Oncology, The</i> , 2019 , 20, 1211-1225	21.7	107

218	2-Styrylchromones: novel strong scavengers of reactive oxygen and nitrogen species. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 6027-36	3.4	103
217	Global, regional, and national burden of motor neuron diseases 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2018 , 17, 1083-1097	24.1	97
216	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
215	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, The</i> , 2018 , 18, 1329-1349	25.5	89
214	In vitro scavenging capacity of annatto seed extracts against reactive oxygen and nitrogen species. <i>Food Chemistry</i> , 2011 , 127, 419-26	8.5	88
213	Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. <i>Food and Chemical Toxicology</i> , 2018 , 120, 681-699	4.7	85
212	Walnut (<i>Juglans regia</i>) leaf extracts are strong scavengers of pro-oxidant reactive species. <i>Food Chemistry</i> , 2008 , 106, 1014-1020	8.5	85
211	Isolation and activation of human neutrophils in vitro. The importance of the anticoagulant used during blood collection. <i>Clinical Biochemistry</i> , 2008 , 41, 570-5	3.5	84
210	Neurotoxicity mechanisms of thioether ecstasy metabolites. <i>Neuroscience</i> , 2007 , 146, 1743-57	3.9	84
209	A comprehensive review on xanthone derivatives as β -glucosidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 157, 1460-1479	6.8	76
208	Synthesis of N-aryl-5-amino-4-cyanopyrazole derivatives as potent xanthine oxidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 771-80	6.8	75
207	Antioxidant activity of unexplored indole derivatives: synthesis and screening. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4869-78	6.8	74
206	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
205	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
204	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
203	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
202	Antioxidant activity of beta-blockers: an effect mediated by scavenging reactive oxygen and nitrogen species?. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 4568-77	3.4	67
201	Inhibition of LOX by flavonoids: a structure-activity relationship study. <i>European Journal of Medicinal Chemistry</i> , 2014 , 72, 137-45	6.8	66

200	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
199	Metabolism is required for the expression of ecstasy-induced cardiotoxicity in vitro. <i>Chemical Research in Toxicology</i> , 2004 , 17, 623-32	4	66
198	Proinflammatory Pathways: The Modulation by Flavonoids. <i>Medicinal Research Reviews</i> , 2015 , 35, 877-936	4.4	65
197	Protective effects of hydroxytyrosol-supplemented refined olive oil in animal models of acute inflammation and rheumatoid arthritis. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 360-8	6.3	65
196	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
195	Acetyl-L-carnitine provides effective in vivo neuroprotection over 3,4-methylenedioxymethamphetamine-induced mitochondrial neurotoxicity in the adolescent rat brain. <i>Neuroscience</i> , 2009 , 158, 514-23	3.9	63
194	Ecstasy induces apoptosis via 5-HT(2A)-receptor stimulation in cortical neurons. <i>NeuroToxicology</i> , 2007 , 28, 868-75	4.4	63
193	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
192	Carotenoids inhibit lipid peroxidation and hemoglobin oxidation, but not the depletion of glutathione induced by ROS in human erythrocytes. <i>Life Sciences</i> , 2014 , 99, 52-60	6.8	60
191	Natural and Synthetic Xanthenes as Monoamine Oxidase Inhibitors: Biological Assay and 3D-QSAR. <i>Helvetica Chimica Acta</i> , 2001 , 84, 552-570	2	58
190	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
189	Zinc, cadmium and nickel increase the activation of NF- κ B and the release of cytokines from THP-1 monocytic cells. <i>Metallomics</i> , 2011 , 3, 1238-43	4.5	56
188	Flavonoids inhibit COX-1 and COX-2 enzymes and cytokine/chemokine production in human whole blood. <i>Inflammation</i> , 2015 , 38, 858-70	5.1	55
187	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
186	Evaluation of a flavonoids library for inhibition of pancreatic α -amylase towards a structure-activity relationship. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019 , 34, 577-588	5.6	53
185	The metabolism of sulindac enhances its scavenging activity against reactive oxygen and nitrogen species. <i>Free Radical Biology and Medicine</i> , 2003 , 35, 1008-17	7.8	53
184	Synthesis and antioxidant properties of new chromone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7218-26	3.4	51
183	Hydrogen peroxide scavenging activity by non-steroidal anti-inflammatory drugs. <i>Life Sciences</i> , 2005 , 76, 2841-8	6.8	51

182	Protective effect of <i>Castanea sativa</i> and <i>Quercus robur</i> leaf extracts against oxygen and nitrogen reactive species. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008 , 91, 87-95	6.7	48
181	Antioxidant activity and inhibition of human neutrophil oxidative burst mediated by arylpropionic acid non-steroidal anti-inflammatory drugs. <i>Biological and Pharmaceutical Bulletin</i> , 2006 , 29, 1659-70	2.3	47
180	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
179	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
178	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
177	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
176	New noncellular fluorescence microplate screening assay for scavenging activity against singlet oxygen. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 2071-81	4.4	45
175	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
174	<i>Psidium cattleianum</i> fruit extracts are efficient in vitro scavengers of physiologically relevant reactive oxygen and nitrogen species. <i>Food Chemistry</i> , 2014 , 165, 140-8	8.5	44
173	Size-dependent cytotoxicity of silver nanoparticles in human neutrophils assessed by multiple analytical approaches. <i>Life Sciences</i> , 2016 , 145, 247-54	6.8	43
172	Infusion, decoction and hydroalcoholic extracts of leaves from artichoke (<i>Cynara cardunculus</i> L. subsp. <i>cardunculus</i>) are effective scavengers of physiologically relevant ROS and RNS. <i>Food Research International</i> , 2014 , 64, 150-156	7	43
171	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
170	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
169	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
168	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
167	Scavenging of reactive oxygen and nitrogen species by the prodrug sulfasalazine and its metabolites 5-aminosalicylic acid and sulfapyridine. <i>Redox Report</i> , 2010 , 15, 259-67	5.9	41
166	Therapeutic potential of hesperidin and its aglycone hesperetin: Cell cycle regulation and apoptosis induction in cancer models. <i>Phytomedicine</i> , 2020 , 73, 152887	6.5	41
165	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

164	Modulation of human neutrophils' oxidative burst by flavonoids. <i>European Journal of Medicinal Chemistry</i> , 2013 , 67, 280-92	6.8	39
163	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
162	The potential of extracts of <i>Caryocar villosum</i> pulp to scavenge reactive oxygen and nitrogen species. <i>Food Chemistry</i> , 2012 , 135, 1740-9	8.5	37
161	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
160	Neuropeptide Y protects retinal neural cells against cell death induced by ecstasy. <i>Neuroscience</i> , 2008 , 152, 97-105	3.9	37
159	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
158	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. <i>Lancet Infectious Diseases</i> , 2020 , 20, 37-59	25.5	37
157	Scavenging activity of aminoantipyrines against hydroxyl radical. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2258-64	6.8	36
156	Ecstasy-induced oxidative stress to adolescent rat brain mitochondria in vivo: influence of monoamine oxidase type A. <i>Addiction Biology</i> , 2009 , 14, 185-93	4.6	35
155	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	4.4	35
154	Synthesis of chlorinated flavonoids with anti-inflammatory and pro-apoptotic activities in human neutrophils. <i>European Journal of Medicinal Chemistry</i> , 2014 , 86, 153-64	6.8	34
153	The global distribution of lymphatic filariasis, 2000-18: a geospatial analysis. <i>The Lancet Global Health</i> , 2020 , 8, e1186-e1194	13.6	34
152	Novel chromone and xanthone derivatives: Synthesis and ROS/RNS scavenging activities. <i>European Journal of Medicinal Chemistry</i> , 2016 , 115, 381-92	6.8	34
151	The Amazonian fruit <i>Byrsonima crassifolia</i> effectively scavenges reactive oxygen and nitrogen species and protects human erythrocytes against oxidative damage. <i>Food Research International</i> , 2014 , 64, 618-625	7	33
150	Biological activities of 2-styrylchromones. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010 , 10, 1-7	3.2	33
149	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	3.4	33
148	Indole based cyclooxygenase inhibitors: synthesis, biological evaluation, docking and NMR screening. <i>European Journal of Medicinal Chemistry</i> , 2012 , 54, 823-33	6.8	32
147	Oxygen and nitrogen reactive species are effectively scavenged by <i>Eucalyptus globulus</i> leaf water extract. <i>Journal of Medicinal Food</i> , 2009 , 12, 175-83	2.8	32

146	Optimization of experimental settings for the analysis of human neutrophils oxidative burst in vitro. <i>Talanta</i> , 2009 , 78, 1476-83	6.2	32
145	Anti-inflammatory and antioxidant activity of a medicinal tincture from <i>Pedilanthus tithymaloides</i> . <i>Life Sciences</i> , 2006 , 78, 1578-85	6.8	32
144	Inhibition of protein tyrosine phosphatase 1B by flavonoids: A structure - activity relationship study. <i>Food and Chemical Toxicology</i> , 2018 , 111, 474-481	4.7	32
143	Neurotoxicity of "ecstasy" and its metabolites in human dopaminergic differentiated SH-SY5Y cells. <i>Toxicology Letters</i> , 2013 , 216, 159-70	4.4	31
142	The neurotoxicity of hallucinogenic amphetamines in primary cultures of hippocampal neurons. <i>NeuroToxicology</i> , 2013 , 34, 254-63	4.4	31
141	¹ H and ¹³ C NMR Spectroscopy of mono-, di-, tri- and tetrasubstituted xanthenes. <i>Magnetic Resonance in Chemistry</i> , 1998 , 36, 305-309	2.1	31
140	Singlet oxygen scavenging activity of non-steroidal anti-inflammatory drugs. <i>Redox Report</i> , 2008 , 13, 153-60	5.9	31
139	Cyclic voltammetric analysis of 2-styrylchromones: relationship with the antioxidant activity. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 7939-43	3.4	31
138	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000-17: analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020 , 395, 1779-1801	4.0	30
137	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. <i>Injury Prevention</i> , 2020 , 26, i36-i45	3.2	30
136	Adaptative response of antioxidant enzymes in different areas of rat brain after repeated d-amphetamine administration. <i>Addiction Biology</i> , 2001 , 6, 213-221	4.6	30
135	Optimization of antioxidants [Extraction from <i>Castanea sativa</i> leaves. <i>Chemical Engineering Journal</i> , 2012 , 203, 101-109	14.7	29
134	Anti-inflammatory potential of 2-styrylchromones regarding their interference with arachidonic acid metabolic pathways. <i>Biochemical Pharmacology</i> , 2009 , 78, 171-7	6	29
133	Dipyron and aminopyrine are effective scavengers of reactive nitrogen species. <i>Redox Report</i> , 2006 , 11, 136-42	5.9	29
132	Flavonoids as antiobesity agents: A review. <i>Medicinal Research Reviews</i> , 2021 , 41, 556-585	14.4	29
131	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980-2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. <i>Lancet, The</i> , 2021 , 398, 503-521	4.0	29
130	Protective effects of a blueberry extract in acute inflammation and collagen-induced arthritis in the rat. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 1191-1202	7.5	28
129	Carotenoids are effective inhibitors of in vitro hemolysis of human erythrocytes, as determined by a practical and optimized cellular antioxidant assay. <i>Journal of Food Science</i> , 2014 , 79, H1841-7	3.4	28

128	Nickel induces oxidative burst, NF- κ B activation and interleukin-8 production in human neutrophils. <i>Journal of Biological Inorganic Chemistry</i> , 2010 , 15, 1275-83	3.7	28
127	Hepatoprotective activity of polyhydroxylated 2-styrylchromones against tert-butylhydroperoxide induced toxicity in freshly isolated rat hepatocytes. <i>Archives of Toxicology</i> , 2003 , 77, 500-5	5.8	28
126	Chemical characterization of a red raspberry fruit extract and evaluation of its pharmacological effects in experimental models of acute inflammation and collagen-induced arthritis. <i>Food and Function</i> , 2014 , 5, 3241-51	6.1	27
125	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , 2020 , 8, e1162-e1185	13.6	27
124	Erythropoietin reduces acute lung injury and multiple organ failure/dysfunction associated to a scald-burn inflammatory injury in the rat. <i>Inflammation</i> , 2015 , 38, 312-26	5.1	26
123	Analysis of the antioxidant activity of an indole library: cyclic voltammetry versus ROS scavenging activity. <i>Tetrahedron Letters</i> , 2011 , 52, 101-106	2	26
122	Pindolol is a potent scavenger of reactive nitrogen species. <i>Life Sciences</i> , 2005 , 77, 1983-92	6.8	26
121	A Systematic Review on Anti-diabetic Properties of Chalcones. <i>Current Medicinal Chemistry</i> , 2020 , 27, 2257-2321	4.3	26
120	Nickel induces apoptosis in human neutrophils. <i>BioMetals</i> , 2013 , 26, 13-21	3.4	25
119	Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxymethamphetamine (MDMA) Human Metabolites. <i>Journal of Health Science</i> , 2007 , 53, 31-42		25
118	In vitro bioactive properties of phlorotannins recovered from hydrothermal treatment of <i>Sargassum muticum</i> . <i>Separation and Purification Technology</i> , 2016 , 167, 117-126	8.3	25
117	Polyacrylic acid coated and non-coated iron oxide nanoparticles are not genotoxic to human T lymphocytes. <i>Toxicology Letters</i> , 2015 , 234, 67-73	4.4	24
116	Synergistic toxicity of ethanol and MDMA towards primary cultured rat hepatocytes. <i>Toxicology</i> , 2008 , 254, 42-50	4.4	24
115	Evaluation of the total antioxidant capacity by using a multipumping flow system with chemiluminescent detection. <i>Analytical Biochemistry</i> , 2005 , 345, 90-5	3.1	24
114	2-styrylchromones as novel inhibitors of xanthine oxidase. A structure-activity study. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2002 , 17, 45-8	5.6	24
113	"Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. <i>Archives of Toxicology</i> , 2014 , 88, 515-31	5.8	23
112	Bioactive compounds and scavenging capacity of pulp, peel and seed extracts of the Amazonian fruit <i>Quararibea cordata</i> against ROS and RNS. <i>Food Research International</i> , 2015 , 77, 236-243	7	22
111	The mixture of "ecstasy" and its metabolites impairs mitochondrial fusion/fission equilibrium and trafficking in hippocampal neurons, at in vivo relevant concentrations. <i>Toxicological Sciences</i> , 2014 , 139, 407-20	4.4	22

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