

Eduarda Fernandes

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	An In Silico and an In Vitro Inhibition Analysis of Glycogen Phosphorylase by Flavonoids, Styrylchromones, and Pyrazoles.. <i>Nutrients</i> , 2022 , 14,	6.7	1
252	Pro-inflammatory effects of silver nanoparticles in the intestine.. <i>Archives of Toxicology</i> , 2022 , 1	5.8	0
251	Chemobrain: mitoxantrone-induced oxidative stress, apoptotic and autophagic neuronal death in adult CD-1 mice.. <i>Archives of Toxicology</i> , 2022 , 1	5.8	0
250	The burden of mental disorders, substance use disorders and self-harm among young people in Europe, 1990-2019: Findings from the Global Burden of Disease Study 2019.. <i>Lancet Regional Health - Europe, The</i> , 2022 , 16, 100341		10
249	The burden of injury in Central, Eastern, and Western European sub-region: a systematic analysis from the Global Burden of Disease 2019 Study.. <i>Archives of Public Health</i> , 2022 , 80, 142	2.6	0
248	Antioxidant and Pro-oxidant Activities of Carotenoids. <i>Reference Series in Phytochemistry</i> , 2022 , 123-148	0.7	
247	A combined experimental and computational study to discover novel tyrosinase inhibitors. <i>Journal of Inorganic Biochemistry</i> , 2022 , 111879	4.2	
246	Modulation of Human Neutrophils Oxidative Burst by Hydroxylated 2-Styrylchromones: The Relevance of the Catechol Group. <i>Biology and Life Sciences Forum</i> , 2021 , 7, 8		
245	Antioxidant and Pro-oxidant Activities of Carotenoids. <i>Reference Series in Phytochemistry</i> , 2021 , 1-27	0.7	
244	Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. <i>Nature Medicine</i> , 2021 , 27, 1761-1782	50.5	10
243	Chemical and Antioxidant Characterization of the Portuguese Heather Honey from <i>Calluna vulgaris</i> . <i>Separations</i> , 2021 , 8, 177	3.1	0
242	Global, regional, and national mortality among young people aged 10-24 years, 1950-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 398, 1593-1618	40	8
241	Drug delivery nanosystems targeted to hepatic ischemia and reperfusion injury. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 397-410	6.2	1
240	Liposomal Nanosystems in Rheumatoid Arthritis. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6
239	The Effect of Chalcones on the Main Sources of Reactive Species Production: Possible Therapeutic Implications in Diabetes Mellitus. <i>Current Medicinal Chemistry</i> , 2021 , 28, 1625-1669	4.3	0
238	Subnational mapping of HIV incidence and mortality among individuals aged 15-49 years in sub-Saharan Africa, 2000-18: a modelling study. <i>Lancet HIV, the</i> , 2021 , 8, e363-e375	7.8	10
237	Pyrazoles as novel protein tyrosine phosphatase 1B (PTP1B) inhibitors: An in vitro and in silico study. <i>International Journal of Biological Macromolecules</i> , 2021 , 181, 1171-1182	7.9	6

236	Public health utility of cause of death data: applying empirical algorithms to improve data quality. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 175	3.6	11
235	The scavenging effect of curcumin, piperine and their combination against physiological relevant reactive pro-oxidant species using in vitro non-cellular and cellular models. <i>Chemical Papers</i> , 2021 , 75, 5269-5277	1.9	2
234	Optimization and Validation of an In Vitro Standardized Glycogen Phosphorylase Activity Assay. <i>Molecules</i> , 2021 , 26,	4.8	1
233	3',4'-Dihydroxyflavonol Modulates the Cell Cycle in Cancer Cells: Implication as a Potential Combination Drug in Osteosarcoma. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
232	Flavonoids as antiobesity agents: A review. <i>Medicinal Research Reviews</i> , 2021 , 41, 556-585	14.4	29
231	Flavonoids as potential agents in the management of type 2 diabetes through the modulation of Amylase and Glucosidase activity: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-71	11.5	14
230	Inflammatory Pathways and In Vivo Studies of Inflammatory Bowel Disease. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021 , 1-23	0.2	
229	Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021 , 7, e12200	6	7
228	A comprehensive review on the antidiabetic activity of flavonoids targeting PTP1B and DPP-4: a structure-activity relationship analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-57	11.5	4
227	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0008824	4.8	0
226	Nano-based drug delivery systems used as vehicles to enhance polyphenols therapeutic effect for diabetes mellitus treatment. <i>Pharmacological Research</i> , 2021 , 169, 105604	10.2	5
225	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	40	29
224	Use of multidimensional item response theory methods for dementia prevalence prediction: an example using the Health and Retirement Survey and the Aging, Demographics, and Memory Study. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 241	3.6	0
223	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, The</i> , 2021 , 398, 870-905	40	43
222	Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990-2019: results from the Global Burden of Disease Study 2019. <i>Lancet Infectious Diseases, The</i> , 2021 ,	25.5	6
221	Insights on the Potential Preventive and Healing Effects of Flavonoids in Inflammatory Bowel Disease. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021 , 38-66	0.2	
220	Styrylchromones: Biological Activities and Structure-Activity Relationship.. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 2804521	6.7	1
219	Structural Specificity of Flavonoids in the Inhibition of Human Fructose 1,6-Bisphosphatase. <i>Journal of Natural Products</i> , 2020 , 83, 1541-1552	4.9	8

218	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
217	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	40	30
216	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
215	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
214	Enzymatic Modification of -Derived Proteins to Improve their Antioxidant Potential. <i>Molecules</i> , 2020 , 25,	4.8	8
213	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
212	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
211	3,4-Methylenedioxymethamphetamine Hepatotoxicity under the Heat Stress Condition: Novel Insights from in Vitro Metabolomic Studies. <i>Journal of Proteome Research</i> , 2020 , 19, 1222-1234	5.6	5
210	βCarotene and its physiological metabolites: Effects on oxidative status regulation and genotoxicity in in vitro models. <i>Food and Chemical Toxicology</i> , 2020 , 141, 111392	4.7	13
209	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
208	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
207	A Systematic Review on Anti-diabetic Properties of Chalcones. <i>Current Medicinal Chemistry</i> , 2020 , 27, 2257-2321	4.3	26
206	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, The</i> , 2020 , 20, 37-59	25.5	37
205	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, The</i> , 2020 , 20, 60-79	25.5	46
204	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
203	Contribution of in vitro simulated gastrointestinal digestion to the antioxidant activity of <i>Porphyra dioica conchocelis</i> . <i>Algal Research</i> , 2020 , 51, 102085	5	5
202	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
201	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113

200	Chalcones as Modulators of Neutrophil Oxidative Burst under Physiological and High Glucose Conditions. <i>Journal of Natural Products</i> , 2020 , 83, 3131-3140	4.9	2
199	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17. <i>The Lancet Global Health</i> , 2020 , 8, e1038-e1060	13.6	12
198	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020 , 26, i125-i153	3.2	12
197	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
196	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
195	The global distribution of lymphatic filariasis, 2000-18: a geospatial analysis. <i>The Lancet Global Health</i> , 2020 , 8, e1186-e1194	13.6	34
194	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
193	Bioactive properties of Acacia dealbata flowers extracts. <i>Waste and Biomass Valorization</i> , 2020 , 11, 2549-2557	3.2	9
192	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
191	Anti-inflammatory Effects of Persimmon (L.) in Experimental Rodent Rheumatoid Arthritis. <i>Journal of Dietary Supplements</i> , 2020 , 17, 663-683	2.3	14
190	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. <i>Injury Prevention</i> , 2020 , 26, i12-i26	3.2	13
189	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
188	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
187	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
186	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
185	Development and Validation of a GC-MS/MS Method for cis- and trans-Resveratrol Determination: Application to Portuguese Wines. <i>Food Analytical Methods</i> , 2019 , 12, 1536-1544	3.4	2
184	Multi-elemental analysis as a tool for characterization and differentiation of Portuguese wines according to their Protected Geographical Indication. <i>Food Control</i> , 2019 , 103, 27-35	6.2	16
183	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

182	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
181	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
180	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
179	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
178	Optimization of Experimental Settings for the Assessment of Reactive Oxygen Species Production by Human Blood. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 7198484	6.7	1
177	A study towards drug discovery for the management of type 2 diabetes mellitus through inhibition of the carbohydrate-hydrolyzing enzymes α -amylase and α -glucosidase by chalcone derivatives. <i>Food and Function</i> , 2019 , 10, 5510-5520	6.1	20
176	New phenolic cinnamic acid derivatives as selective COX-2 inhibitors. Design, synthesis, biological activity and structure-activity relationships. <i>Bioorganic Chemistry</i> , 2019 , 91, 103179	5.1	15
175	The dipeptidyl peptidase-4 inhibitory effect of flavonoids is hindered in protein rich environments. <i>Food and Function</i> , 2019 , 10, 5718-5731	6.1	12
174	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
173	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
172	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
171	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
170	MDMA modulates 5-HT-mediated contractile response of the human internal thoracic artery in vitro. <i>Toxicology in Vitro</i> , 2019 , 55, 15-17	3.6	1
169	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
168	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
167	Combination of etoposide and fisetin results in anti-cancer efficiency against osteosarcoma cell models. <i>Archives of Toxicology</i> , 2018 , 92, 1205-1214	5.8	15
166	Antioxidant and pro-oxidant activities of carotenoids and their oxidation products. <i>Food and Chemical Toxicology</i> , 2018 , 120, 681-699	4.7	85
165	A comprehensive review on xanthone derivatives as α -glucosidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 157, 1460-1479	6.8	76

164	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
163	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
162	Flavonoids as Modulators of Neutrophils' Oxidative Burst: Structure-Activity Relationship 2018 , 261-276		2
161	Calcium Pathways in Human Neutrophils-The Extended Effects of Thapsigargin and ML-9. <i>Cells</i> , 2018 , 7,	7.9	3
160	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
159	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
158	GC-MS metabolomics reveals disturbed metabolic pathways in primary mouse hepatocytes exposed to subtoxic levels of 3,4-methylenedioxymethamphetamine (MDMA). <i>Archives of Toxicology</i> , 2018 , 92, 3307-3323	5.8	21
157	Immunomodulatory Effects of Flavonoids in the Prophylaxis and Treatment of Inflammatory Bowel Diseases: A Comprehensive Review. <i>Current Medicinal Chemistry</i> , 2018 , 25, 3374-3412	4.3	18
156	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
155	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
154	Neurotoxicity of β 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
153	Quantitative histochemistry for macrophage biodistribution on mice liver and spleen after the administration of a pharmacological-relevant dose of polyacrylic acid-coated iron oxide nanoparticles. <i>Nanotoxicology</i> , 2017 , 11, 256-266	5.3	13
152	Chlorinated Flavonoids Modulate the Inflammatory Process in Human Blood. <i>Inflammation</i> , 2017 , 40, 1155-1165	5.1	7
151	2,3-Diaryl-xanthenes as Potential Inhibitors of Arachidonic Acid Metabolic Pathways. <i>Inflammation</i> , 2017 , 40, 956-964	5.1	7
150	β 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
149	Chemical characterization and protective effect of the <i>Bactris setosa</i> Mart. fruit against oxidative/nitrosative stress. <i>Food Chemistry</i> , 2017 , 220, 427-437	8.5	18
148	Grape polyphenol-rich products with antioxidant and anti-inflammatory properties 2016 , 389-402		4
147	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

146	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
145	New polyhydroxylated flavon-3-ols and 3-hydroxy-2-styrylchromones: synthesis and ROS/RNS scavenging activities. <i>European Journal of Medicinal Chemistry</i> , 2016 , 119, 250-9	6.8	14
144	Combined dual effect of modulation of human neutrophils' oxidative burst and inhibition of colon cancer cells proliferation by hydroxycinnamic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3556-64	3.4	18
143	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
142	Uncovering novel 3-hydroxy-4-pyridinone metal ion complexes with potential anti-inflammatory properties. <i>Journal of Inorganic Biochemistry</i> , 2016 , 155, 9-16	4.2	2
141	Biodistribution of polyacrylic acid-coated iron oxide nanoparticles is associated with proinflammatory activation and liver toxicity. <i>Journal of Applied Toxicology</i> , 2016 , 36, 1321-31	4.1	20
140	"Ecstasy" toxicity to adolescent rats following an acute low binge dose. <i>BMC Pharmacology & Toxicology</i> , 2016 , 17, 28	2.6	7
139	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
138	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
137	Citharexylum solanaceum fruit extracts: Profiles of phenolic compounds and carotenoids and their relation with ROS and RNS scavenging capacities. <i>Food Research International</i> , 2016 , 86, 24-33	7	10
136	Contractile effects of 3,4-methylenedioxymethamphetamine on the human internal mammary artery. <i>Toxicology in Vitro</i> , 2016 , 34, 187-193	3.6	5
135	Solanum diploconos fruits: profile of bioactive compounds and in vitro antioxidant capacity of different parts of the fruit. <i>Food and Function</i> , 2016 , 7, 2249-57	6.1	10
134	Ochratoxin A activates neutrophils and kills these cells through necrosis, an effect eliminated through its conversion into ochratoxin B. <i>Toxicology</i> , 2016 , 368-369, 91-102	4.4	17
133	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
132	Bioactive compounds and scavenging capacity of extracts from different parts of <i>Vismia cauliflora</i> against reactive oxygen and nitrogen species. <i>Pharmaceutical Biology</i> , 2015 , 53, 1267-76	3.8	12
131	The seed of the Amazonian fruit <i>Couepia bracteosa</i> exhibits higher scavenging capacity against ROS and RNS than its shell and pulp extracts. <i>Food and Function</i> , 2015 , 6, 3081-90	6.1	6
130	Stem bark and flower extracts of <i>Vismia cauliflora</i> are highly effective antioxidants to human blood cells by preventing oxidative burst in neutrophils and oxidative damage in erythrocytes. <i>Pharmaceutical Biology</i> , 2015 , 53, 1691-8	3.8	6
129	Dual effect of red wine on liver redox status: a concise and mechanistic review. <i>Archives of Toxicology</i> , 2015 , 89, 1681-93	5.8	8

128	Proinflammatory Pathways: The Modulation by Flavonoids. <i>Medicinal Research Reviews</i> , 2015 , 35, 877-936	4.4	65
127	Polyacrylic acid-coated and non-coated iron oxide nanoparticles induce cytokine activation in human blood cells through TAK1, p38 MAPK and JNK pro-inflammatory pathways. <i>Archives of Toxicology</i> , 2015 , 89, 1759-69	5.8	21
126	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
125	Anti-inflammatory effect of rosmarinic acid and an extract of <i>Rosmarinus officinalis</i> in rat models of local and systemic inflammation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 116, 398-413	3.1	135
124	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
123	Inhibition of glycogen synthase kinase-3 β attenuates organ injury and dysfunction associated with liver ischemia-reperfusion and thermal injury in the rat. <i>Shock</i> , 2015 , 43, 369-78	3.4	9
122	Synthesis and evaluation of new benzimidazole-based COX inhibitors: a naproxen-like interaction detected by STD-NMR. <i>RSC Advances</i> , 2015 , 5, 49098-49109	3.7	13
121	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
120	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
119	Iron Oxide Nanoparticles: An Insight into their Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2015 , 22, 1808 - 28	4.3	18
118	Superoxide Anion Radical: Generation and Detection in Cellular and Non-Cellular Systems. <i>Current Medicinal Chemistry</i> , 2015 , 22, 4234-56	4.3	20
117	Inhibition of NF- κ B activation and cytokines production in THP-1 monocytes by 2-styrylchromones. <i>Medicinal Chemistry</i> , 2015 , 11, 560-6	1.8	10
116	MDMA impairs mitochondrial neuronal trafficking in a Tau- and Mitofusin2/Drp1-dependent manner. <i>Archives of Toxicology</i> , 2014 , 88, 1561-72	5.8	15
115	"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
114	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
113	Inhibition of LOX by flavonoids: a structure-activity relationship study. <i>European Journal of Medicinal Chemistry</i> , 2014 , 72, 137-45	6.8	66
112	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
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