

David M Pereira

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189
papers

68,884
citations

63
h-index

207
g-index

207
ext. papers

92,092
ext. citations

12.6
avg, IF

7.7
L-index

#	Paper	IF	Citations
189	Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 385, 117-71	40	4599
188	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	40	4524
187	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 386, 743-800	40	3802
186	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1545-1602	40	3801
185	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1459-1544	40	3525
184	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	40	3432
183	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	40	2850
182	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1151-1210	40	2542
181	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1659-1724	40	2431
180	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-years for 32 Cancer Groups, 1990 to 2015: A Systematic Analysis for the Global Burden of Disease Study. <i>JAMA Oncology</i> , 2017 , 3, 524-548	13.4	2394
179	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
178	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	40	1964
177	The Global Burden of Cancer 2013. <i>JAMA Oncology</i> , 2015 , 1, 505-27	13.4	1870
176	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	40	1847
175	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 386, 2287-323	40	1776
174	Health effects of dietary risks in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2019 , 393, 1958-1972	40	1479
173	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1345-1422	40	1378

172	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	40	1283
171	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1603-1658	40	1216
170	Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. <i>Lancet, The</i> , 2015 , 386, 2145-91	40	1203
169	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	40	1152
168	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
167	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	40	1013
166	Global, regional, and national burden of neurological disorders during 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet Neurology, The</i> , 2017 , 16, 877-897	24.1	984
165	Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2014 , 384, 980-1004	40	950
164	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
163	The Burden of Primary Liver Cancer and Underlying Etiologies From 1990 to 2015 at the Global, Regional, and National Level: Results From the Global Burden of Disease Study 2015. <i>JAMA Oncology</i> , 2017 , 3, 1683-1691	13.4	880
162	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 2016: A Systematic Analysis for the Global Burden of Disease Study. <i>JAMA Oncology</i> , 2018 , 4, 1553-1568	13.4	875
161	Global, regional, and national burden of Parkinson's disease, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2018 , 17, 939-953	24.1	785
160	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
159	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2014 , 384, 1005-70	40	653
158	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	40	483
157	Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1775-1812	40	476
156	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1084-1150	40	421
155	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1725-1774	40	413

154	Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015. <i>Lancet HIV,the</i> , 2016 , 3, e361-e387	7.8	382
153	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
152	Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2017 , 390, 231-266	40	352
151	Global and National Burden of Diseases and Injuries Among Children and Adolescents Between 1990 and 2013: Findings From the Global Burden of Disease 2013 Study. <i>JAMA Pediatrics</i> , 2016 , 170, 267-87	8.3	347
150	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1813-1850	40	302
149	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
148	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1423-1459	40	224
147	Child and Adolescent Health From 1990 to 2015: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study. <i>JAMA Pediatrics</i> , 2017 , 171, 573-592	8.3	216
146	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
145	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
144	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
143	The global burden of tuberculosis: results from the Global Burden of Disease Study 2015. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, 261-284	25.5	165
142	Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995-2050. <i>Lancet, The</i> , 2019 , 393, 2233-2260	40	158
141	Evolution and patterns of global health financing 1995-2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. <i>Lancet, The</i> , 2017 , 389, 1981-2004	40	152
140	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
139	Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016-40. <i>Lancet, The</i> , 2018 , 391, 1783-1798	40	121
138	Identification of phenolic compounds in isolated vacuoles of the medicinal plant <i>Catharanthus roseus</i> and their interaction with vacuolar class III peroxidase: an HD affair?. <i>Journal of Experimental Botany</i> , 2011 , 62, 2841-54	7	121
137	Future and potential spending on health 2015-40: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. <i>Lancet, The</i> , 2017 , 389, 2005-2030	40	120

136	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113
135	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
134	Pyrrolizidine Alkaloids: Chemistry, Pharmacology, Toxicology and Food Safety. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	102
133	Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995-2015. <i>Lancet, The</i> , 2018 , 391, 1799-1829	40	95
132	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
131	New phenolic compounds and antioxidant potential of <i>Catharanthus roseus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9967-74	5.7	77
130	Diseases, Injuries, and Risk Factors in Child and Adolescent Health, 1990 to 2017: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2017 Study. <i>JAMA Pediatrics</i> , 2019 , 173, e190337	8.3	74
129	Nile Red and DCM Fluorescence Anisotropy Studies in C12E7/DPPC Mixed Systems. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 12841-12846	3.4	71
128	Pharmacological effects of <i>Catharanthus roseus</i> root alkaloids in acetylcholinesterase inhibition and cholinergic neurotransmission. <i>Phytomedicine</i> , 2010 , 17, 646-52	6.5	69
127	Multivariate analysis of tronchuda cabbage (<i>Brassica oleracea</i> L. var. <i>costata</i> DC) phenolics: influence of fertilizers. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2231-9	5.7	53
126	Tomato (<i>Lycopersicon esculentum</i>) seeds: new flavonols and cytotoxic effect. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2854-61	5.7	52
125	Anti-inflammatory effect of unsaturated fatty acids and Ergosta-7,22-dien-3-ol from <i>Marthasterias glacialis</i> : prevention of CHOP-mediated ER-stress and NF- κ B activation. <i>PLoS ONE</i> , 2014 , 9, e88341	3.7	48
124	Profiling phlorotannins from <i>Fucus</i> spp. of the Northern Portuguese coastline: Chemical approach by HPLC-DAD-ESI/MS and UPLC-ESI-QTOF/MS. <i>Algal Research</i> , 2018 , 29, 113-120	5	47
123	Monitoring Ternary Systems of C12E5/Water/Tetradecane via the Fluorescence of Solvatochromic Probes. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 4061-4069	3.4	46
122	Marine-Derived Anticancer Agents: Clinical Benefits, Innovative Mechanisms, and New Targets. <i>Marine Drugs</i> , 2019 , 17,	6	44
121	Anti-proliferative activity of meroditerpenoids isolated from the brown alga <i>Styopodium flabelliforme</i> against several cancer cell lines. <i>Marine Drugs</i> , 2011 , 9, 852-62	6	43
120	Volatile composition of <i>Catharanthus roseus</i> (L.) G. Don using solid-phase microextraction and gas chromatography/mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 674-83	3.5	43
119	Tuning protein folding in lysosomal storage diseases: the chemistry behind pharmacological chaperones. <i>Chemical Science</i> , 2018 , 9, 1740-1752	9.4	42

118	Amino acids, fatty acids and sterols profile of some marine organisms from Portuguese waters. <i>Food Chemistry</i> , 2013 , 141, 2412-7	8.5	40
117	Simple and reproducible HPLC-DAD-ESI-MS/MS analysis of alkaloids in <i>Catharanthus roseus</i> roots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 65-9	3.5	40
116	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. <i>RSC Advances</i> , 2016 , 6, 17302-17313	3.7	36
115	Burden of cancer in the Eastern Mediterranean Region, 2005-2015: findings from the Global Burden of Disease 2015 Study. <i>International Journal of Public Health</i> , 2018 , 63, 151-164	4	34
114	Dehydrideptide Hydrogelators Containing Naproxen N-Capped Tryptophan: Self-Assembly, Hydrogel Characterization, and Evaluation as Potential Drug Nanocarriers. <i>Biomacromolecules</i> , 2015 , 16, 3562-73	6.9	32
113	Marine natural pigments: Chemistry, distribution and analysis. <i>Dyes and Pigments</i> , 2014 , 111, 124-134	4.6	32
112	Targeted metabolite analysis of <i>Catharanthus roseus</i> and its biological potential. <i>Food and Chemical Toxicology</i> , 2009 , 47, 1349-54	4.7	32
111	In vitro cultures of <i>Brassica oleracea</i> L. var. <i>costata</i> DC: potential plant bioreactor for antioxidant phenolic compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 1247-52	5.7	32
110	Global and regional burden of cancer in 2016 arising from occupational exposure to selected carcinogens: a systematic analysis for the Global Burden of Disease Study 2016. <i>Occupational and Environmental Medicine</i> , 2020 , 77, 151-159	2.1	31
109	A gas chromatography-mass spectrometry multi-target method for the simultaneous analysis of three classes of metabolites in marine organisms. <i>Talanta</i> , 2012 , 100, 391-400	6.2	30
108	Phlorotannin extracts from Fucales: Marine polyphenols as bioregulators engaged in inflammation-related mediators and enzymes. <i>Algal Research</i> , 2017 , 28, 1-8	5	29
107	<i>Boerhaavia diffusa</i> : metabolite profiling of a medicinal plant from Nyctaginaceae. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2142-9	4.7	29
106	Exploiting <i>Catharanthus roseus</i> roots: Source of antioxidants. <i>Food Chemistry</i> , 2010 , 121, 56-61	8.5	29
105	Self-assembled RGD dehydropeptide hydrogels for drug delivery applications. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8607-8617	7.3	28
104	Palmitic acid and ergosta-7,22-dien-3-ol contribute to the apoptotic effect and cell cycle arrest of an extract from <i>Marthasterias glacialis</i> L. in neuroblastoma cells. <i>Marine Drugs</i> , 2013 , 12, 54-68	6	28
103	First report of non-coloured flavonoids in <i>Echium plantagineum</i> bee pollen: differentiation of isomers by liquid chromatography/ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 801-6	2.2	28
102	Beneficial effects of white wine polyphenols-enriched diet on Alzheimer's disease-like pathology. <i>Journal of Nutritional Biochemistry</i> , 2018 , 55, 165-177	6.3	27
101	Screening of antioxidant compounds during sprouting of <i>Brassica oleracea</i> L. var. <i>costata</i> DC. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 377-86	1.3	27

100	A new insight on elderberry anthocyanins bioactivity: Modulation of mitochondrial redox chain functionality and cell redox state. <i>Journal of Functional Foods</i> , 2019 , 56, 145-155	5.1	25
99	Magnetic Dehydrideptide-Based Self-Assembled Hydrogels for Theragnostic Applications. <i>Nanomaterials</i> , 2019 , 9,	5.4	25
98	Translating endoplasmic reticulum biology into the clinic: a role for ER-targeted natural products?. <i>Natural Product Reports</i> , 2015 , 32, 705-22	15.1	24
97	Magnetoliposomes as carriers for promising antitumor thieno[3,2-b]pyridin-7-arylamines: photophysical and biological studies. <i>RSC Advances</i> , 2017 , 7, 15352-15361	3.7	23
96	Plant secondary metabolites in cancer chemotherapy: where are we?. <i>Current Pharmaceutical Biotechnology</i> , 2012 , 13, 632-50	2.6	23
95	Hybrid MS/NMR methods on the prioritization of natural products: Applications in drug discovery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 234-249	3.5	21
94	Leaves and stem bark from <i>Allophylus africanus</i> P. Beauv.: An approach to anti-inflammatory properties and characterization of their flavonoid profile. <i>Food and Chemical Toxicology</i> , 2018 , 118, 430-438	4.7	21
93	Further insights on the carotenoid profile of the echinoderm <i>Marthasterias glacialis</i> L. <i>Marine Drugs</i> , 2012 , 10, 1498-510	6	20
92	Essential Oils in Livestock: From Health to Food Quality. <i>Antioxidants</i> , 2021 , 10,	7.1	20
91	Free amino acids of tronchuda cabbage (<i>Brassica oleracea</i> L. Var. <i>costata</i> DC): influence of leaf position (internal or external) and collection time. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 5216-21	5.7	19
90	Magnetoliposomes Containing Calcium Ferrite Nanoparticles for Applications in Breast Cancer Therapy. <i>Pharmaceutics</i> , 2019 , 11,	6.4	18
89	Edible seaweeds' phlorotannins in allergy: A natural multi-target approach. <i>Food Chemistry</i> , 2018 , 265, 233-241	8.5	18
88	New chalcone-type compounds and 2-pyrazoline derivatives: synthesis and caspase-dependent anticancer activity. <i>Future Medicinal Chemistry</i> , 2020 , 12, 493-509	4.1	17
87	Phenolics metabolism in insects: <i>Pieris brassicae</i> - <i>Brassica oleracea</i> var. <i>costata</i> ecological duo. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 9035-43	5.7	17
86	Magnetogels: Prospects and Main Challenges in Biomedical Applications. <i>Pharmaceutics</i> , 2018 , 10,	6.4	17
85	Endoplasmic reticulum stress signaling in cancer and neurodegenerative disorders: Tools and strategies to understand its complexity. <i>Pharmacological Research</i> , 2020 , 155, 104702	10.2	16
84	Medicinal plants utilized in Thai Traditional Medicine for diabetes treatment: Ethnobotanical surveys, scientific evidence and phytochemicals. <i>Journal of Ethnopharmacology</i> , 2020 , 263, 113177	5	16
83	Development of Multifunctional Liposomes Containing Magnetic/Plasmonic MnFeO/Au Core/Shell Nanoparticles. <i>Pharmaceutics</i> , 2018 , 11,	6.4	16

82	Neurotoxicity of the steroidal alkaloids tomatine and tomatidine is RIP1 kinase- and caspase-independent and involves the eIF2 β branch of the endoplasmic reticulum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 171, 178-186	5.1	15
81	In Vitro Anti-Inflammatory and Cytotoxic Effects of Aqueous Extracts from the Edible Sea Anemones <i>Anemonia sulcata</i> and <i>Actinia equina</i> . <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
80	Fatty acid patterns of the kelps <i>Saccharina latissima</i> , <i>Saccorhiza polyschides</i> and <i>Laminaria ochroleuca</i> : Influence of changing environmental conditions. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 45-58	5.9	15
79	HPLC-PAD-atmospheric pressure chemical ionization-MS metabolite profiling of cytotoxic carotenoids from the echinoderm <i>Marthasterias glacialis</i> (spiny sea-star). <i>Journal of Separation Science</i> , 2010 , 33, 2250-7	3.4	14
78	Isolation of astaxanthin monoesters from the microalgae <i>Haematococcus pluvialis</i> by high performance countercurrent chromatography (HPCCC) combined with high performance liquid chromatography (HPLC). <i>Algal Research</i> , 2020 , 49, 101947	5	14
77	UHPLC-MS/MS profiling of <i>Aplysia depilans</i> and assessment of its potential therapeutic use: Interference on iNOS expression in LPS-stimulated RAW 264.7 macrophages and caspase-mediated pro-apoptotic effect on SH-SY5Y cells. <i>Journal of Functional Foods</i> , 2017 , 37, 164-175	5.1	13
76	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 45-64	7.3	13
75	Anti-inflammatory properties of <i>Xylopia aethiopica</i> leaves: Interference with pro-inflammatory cytokines in THP-1-derived macrophages and flavonoid profiling. <i>Journal of Ethnopharmacology</i> , 2020 , 248, 112312	5	13
74	Anti-inflammatory properties of the stem bark from the herbal drug <i>Vitex peduncularis</i> Wall. ex Schauer and characterization of its polyphenolic profile. <i>Food and Chemical Toxicology</i> , 2017 , 106, 8-16	4.7	12
73	Phenolic Profiling and Biological Potential of Corner Leaves and Stem Bark: 5-Lipoxygenase Inhibition and Interference with NO Levels in LPS-Stimulated RAW 264.7 Macrophages. <i>Biomolecules</i> , 2019 , 9,	5.9	12
72	Targeted metabolite analysis and biological activity of <i>Pieris brassicae</i> fed with <i>Brassica rapa</i> var. <i>rapa</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 483-9	5.7	12
71	Anti-Inflammatory Effects of 5 β -Epidioxycholest-6-en-3 β ol, a Steroidal Endoperoxide Isolated from , Based on Bioguided Fractionation and NMR Analysis. <i>Marine Drugs</i> , 2019 , 17,	6	11
70	Cork extracts reduce UV-mediated DNA fragmentation and cell death. <i>RSC Advances</i> , 2015 , 5, 96151-96157	5.7	11
69	Screening of antioxidant phenolic compounds produced by in vitro shoots of <i>Brassica oleracea</i> L. var. <i>costata</i> DC. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2009 , 12, 230-40	1.3	11
68	Novel dehydropeptide-based magnetogels containing manganese ferrite nanoparticles as antitumor drug nanocarriers. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 10377-10390	3.6	10
67	Chemical profiling of edible seaweed (Ochrophyta) extracts and assessment of their in vitro effects on cell-free enzyme systems and on the viability of glutamate-injured SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2018 , 116, 196-206	4.7	10
66	Benzoquinones from <i>Cyperus</i> spp. trigger IRE1 β -independent and PERK-dependent ER stress in human stomach cancer cells and are novel proteasome inhibitors. <i>Phytomedicine</i> , 2019 , 63, 153017	6.5	10
65	Flavonoid Composition of (<i>Lam.</i>) DC. Leaves, Evaluation of Antidermatophytic Effects, and Potential Amelioration of the Associated Inflammatory Response. <i>Molecules</i> , 2019 , 24,	4.8	10

64	Further insights on tomato plant: Cytotoxic and antioxidant activity of leaf extracts in human gastric cells. <i>Food and Chemical Toxicology</i> , 2017 , 109, 386-392	4.7	10
63	Headspace solid-phase microextraction and gas chromatography/ion trap-mass spectrometry applied to a living system: <i>Pieris brassicae</i> fed with kale. <i>Food Chemistry</i> , 2010 , 119, 1681-1693	8.5	10
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