

# David M Pereira

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7364806/david-m-pereira-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	Assessment of the free radical scavenging potential of cannabidiol under physiological conditions: Theoretical and experimental investigations. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 346, 118277	6	2
188	HPLC-DAD-ESI/MS and UHPLC-ESI/QTOF/MS characterization of polyphenols in the leaves of <i>Neocarya macrophylla</i> (Sabine) Prance ex F. White and cytotoxicity to gastric carcinoma cells.. <i>Food Research International</i> , <b>2022</b> , 155, 111082	7	1
187	Valorisation of the industrial waste of <i>Chukrasia tabularis</i> A.Juss.: Characterization of the leaves phenolic constituents and antidiabetic-like effects. <i>Industrial Crops and Products</i> , <b>2022</b> , 185, 115100	5.9	
186	Carvacrol Derivatives with Potential Insecticidal Activity. <i>Chemistry Proceedings</i> , <b>2021</b> , 3, 37		0
185	In Silico Identification of Protein Targets Associated to the Insecticide Activity of Eugenol Derivatives. <i>Chemistry Proceedings</i> , <b>2021</b> , 3, 138		
184	Synthesis and Insecticidal Activity of O-alkylated Oxirane Eugenol Derivatives. <i>Chemistry Proceedings</i> , <b>2021</b> , 3, 36		
183	Nanosystems for the Encapsulation and Release of Plant Extracts with Insecticidal Activity. <i>Chemistry Proceedings</i> , <b>2021</b> , 3, 39		
182	ER stress in obesity pathogenesis and management. <i>Trends in Pharmacological Sciences</i> , <b>2021</b> ,	13.2	3
181	Magnetoliposomes Based on Magnetic/Plasmonic Nanoparticles Loaded with Tricyclic Lactones for Combined Cancer Therapy. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
180	Unravelling data for rapid evidence-based response to COVID-19: a summary of the unCoVer protocol. <i>BMJ Open</i> , <b>2021</b> , 11, e055630	3	0
179	New carvacrol and thymol derivatives as potential insecticides: synthesis, biological activity, computational studies and nanoencapsulation.. <i>RSC Advances</i> , <b>2021</b> , 11, 34024-34035	3.7	3
178	Amino Alcohols from Eugenol as Potential Semisynthetic Insecticides: Chemical, Biological, and Computational Insights. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
177	Activation of caspase-3 in gastric adenocarcinoma AGS cells by <i>Xylopia aethiopica</i> (Dunal) A. Rich. fruit and characterization of its phenolic fingerprint by HPLC-DAD-ESI(Ion Trap)-MS and UPLC-ESI-QTOF-MS. <i>Food Research International</i> , <b>2021</b> , 141, 110121	7	5
176	Bolaamphiphilic Bis-Dehydropeptide Hydrogels as Potential Drug Release Systems. <i>Gels</i> , <b>2021</b> , 7,	4.2	1
175	Magnetoliposomes: recent advances in the field of controlled drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2021</b> , 18, 1323-1334	8	4
174	<i>Cassia sieberiana</i> DC. leaves modulate LPS-induced inflammatory response in THP-1 cells and inhibit eicosanoid-metabolizing enzymes. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 269, 113746	5	4
173	Valorisation of kitul, an overlooked food plant: Phenolic profiling of fruits and inflorescences and assessment of their effects on diabetes-related targets. <i>Food Chemistry</i> , <b>2021</b> , 342, 128323	8.5	4

172	The power of genomics, metabolomics, and other omics for target identification and validation <b>2021</b> , 33-48		
171	Review on the advancements of magnetic gels: towards multifunctional magnetic liposome-hydrogel composites for biomedical applications. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 288, 102351	14.3	9
170	Essential Oils in Livestock: From Health to Food Quality. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	20
169	Supramolecular ultra-short carboxybenzyl-protected dehydropeptide-based hydrogels for drug delivery. <i>Materials Science and Engineering C</i> , <b>2021</b> , 122, 111869	8.3	8
168	Homarine Alkyl Ester Derivatives as Promising Acetylcholinesterase Inhibitors. <i>ChemMedChem</i> , <b>2021</b> , 16, 3315-3325	3.7	
167	Absolute configuration by vibrational circular dichroism of anti-inflammatory macrolide briarane diterpenoids from the Gorgonian <i>Briareum asbestinum</i> . <i>Scientific Reports</i> , <b>2021</b> , 11, 496	4.9	4
166	Cytotoxic Plant Extracts towards Insect Cells: Bioactivity and Nanoencapsulation Studies for Application as Biopesticides. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
165	<i>Echium plantagineum</i> L. honey: Search of pyrrolizidine alkaloids and polyphenols, anti-inflammatory potential and cytotoxicity. <i>Food Chemistry</i> , <b>2020</b> , 328, 127169	8.5	8
164	Application of Natural Pigments in Ordinary Cooked Ham. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
163	Natural Pigments of Anthocyanin and Betalain for Coloring Soy-Based Yogurt Alternative. <i>Foods</i> , <b>2020</b> , 9,	4.9	9
162	New chalcone-type compounds and 2-pyrazoline derivatives: synthesis and caspase-dependent anticancer activity. <i>Future Medicinal Chemistry</i> , <b>2020</b> , 12, 493-509	4.1	17
161	Biological Evaluation of Naproxen-Dehydrodipeptide Conjugates with Self-Hydrogelation Capacity as Dual LOX/COX Inhibitors. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	9
160	Development of Novel Magnetoliposomes Containing Nickel Ferrite Nanoparticles Covered with Gold for Applications in Thermo-therapy. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
159	Endoplasmic reticulum stress signaling in cancer and neurodegenerative disorders: Tools and strategies to understand its complexity. <i>Pharmacological Research</i> , <b>2020</b> , 155, 104702	10.2	16
158	Impact of Citrate and Lipid-Functionalized Magnetic Nanoparticles in Dehydropeptide Supramolecular Magnetogels: Properties, Design and Drug Release. <i>Nanomaterials</i> , <b>2020</b> , 11,	5.4	2
157	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> , <b>2020</b> , 49, 101947	5	14
156	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 45-64	7.3	13
155	Enhancement of the anti-inflammatory properties of grape pomace treated by <i>Trametes versicolor</i> . <i>Food and Function</i> , <b>2020</b> , 11, 680-688	6.1	9

154	Gustavia gracillima Miers. flowers effects on enzymatic targets underlying metabolic disorders and characterization of its polyphenolic content by HPLC-DAD-ESI/MS. <i>Food Research International</i> , <b>2020</b> , 137, 109694	7	2
153	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> , <b>2020</b> , 396, 1204-1222	40	1847
152	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> , <b>2020</b> , 396, 1223-1249	40	1013
151	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> , <b>2020</b> , 396, 1160-1203	40	228
150	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1135-1159	40	113
149	Medicinal plants utilized in Thai Traditional Medicine for diabetes treatment: Ethnobotanical surveys, scientific evidence and phytochemicals. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 263, 113177	5	16
148	Magnetoliposomes Incorporated in Peptide-Based Hydrogels: Towards Development of Magnetolipogels. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	4
147	New Eugenol Derivatives with Enhanced Insecticidal Activity. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
146	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> , <b>2020</b> , 13, 45-58	5.9	15
145	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> , <b>2020</b> , 248, 112312	5	13
144	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> , <b>2020</b> , 77, 151-159	2.1	31
143	Magnetoliposomes Containing Calcium Ferrite Nanoparticles for Applications in Breast Cancer Therapy. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	18
142	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> , <b>2019</b> , 9,	5.9	12
141	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> , <b>2019</b> , 5, 1749-1768	13.4	888
140	Hydrophilic Carbon Nanomaterials: Characterisation by Physical, Chemical, and Biological Assays. <i>ChemMedChem</i> , <b>2019</b> , 14, 699-711	3.7	2
139	Marine-Derived Anticancer Agents: Clinical Benefits, Innovative Mechanisms, and New Targets. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	44
138	Anti-Inflammatory Effects of 5 $\beta$ Epidioxycholest-6-en-3 $\beta$ ol, a Steroidal Endoperoxide Isolated from , Based on Bioguided Fractionation and NMR Analysis. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	11
137	Novel styrylpyrazole-glucosides and their dioxolo-bridged doppelgangers: synthesis and cytotoxicity. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8299-8310	3.6	3

136	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> , <b>2019</b> , 393, 2233-2260	40	158
135	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> , <b>2019</b> , 173, e190337	8.3	74
134	Novel dehydropeptide-based magnetogels containing manganese ferrite nanoparticles as antitumor drug nanocarriers. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 10377-10390	3.6	10
133	A new insight on elderberry anthocyanins bioactivity: Modulation of mitochondrial redox chain functionality and cell redox state. <i>Journal of Functional Foods</i> , <b>2019</b> , 56, 145-155	5.1	25
132	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> , <b>2019</b> , 18, 459-480	24.1	1093
131	Magnetic Dehydrodipeptide-Based Self-Assembled Hydrogels for Theragnostic Applications. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	25
130	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> , <b>2019</b> , 393, 1958-1972	40	1479
129	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> , <b>2019</b> , 18, 376-393	24.1	201
128	Benzoquinones from <i>Cyperus</i> spp. trigger IRE1-independent and PERK-dependent ER stress in human stomach cancer cells and are novel proteasome inhibitors. <i>Phytomedicine</i> , <b>2019</b> , 63, 153017	6.5	10
127	Flavonoid Composition of (Lam.) DC. Leaves, Evaluation of Antidermatophytic Effects, and Potential Amelioration of the Associated Inflammatory Response. <i>Molecules</i> , <b>2019</b> , 24,	4.8	10
126	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> , <b>2019</b> , 20, 1211-1225	21.7	107
125	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> , <b>2019</b> , 4, 913-933	18.8	144
124	Beetroot as a Source of Natural Dyes for Ham. <i>Proceedings (mdpi)</i> , <b>2019</b> , 41, 82	0.3	
123	Valorization of Plant Extracts by Encapsulation in Lipid Nanosystems for Application as Potential Insecticides. <i>Proceedings (mdpi)</i> , <b>2019</b> , 41, 66	0.3	1
122	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> , <b>2019</b> , 18, 88-106	24.1	782
121	Host-defense peptides AC12, DK16 and RC11 with immunomodulatory activity isolated from <i>Hypsiboas raniceps</i> skin secretion. <i>Peptides</i> , <b>2019</b> , 113, 11-21	3.8	5
120	Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995-2015. <i>Lancet, The</i> , <b>2018</b> , 391, 1799-1829	40	95
119	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> , <b>2018</b> , 116, 196-206	4.7	10

118	Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016-40. <i>Lancet, The</i> , <b>2018</b> , 391, 1783-1798	40	121
117	Beneficial effects of white wine polyphenols-enriched diet on Alzheimer's disease-like pathology. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 55, 165-177	6.3	27
116	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 486-541	12.7	2160
115	Tuning protein folding in lysosomal storage diseases: the chemistry behind pharmacological chaperones. <i>Chemical Science</i> , <b>2018</b> , 9, 1740-1752	9.4	42
114	Trends in HIV/AIDS morbidity and mortality in Eastern Mediterranean countries, 1990-2015: findings from the Global Burden of Disease 2015 study. <i>International Journal of Public Health</i> , <b>2018</b> , 63, 123-136	4	9
113	Pyrrolizidine Alkaloids: Chemistry, Pharmacology, Toxicology and Food Safety. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	102
112	Trace elements in wild edible <i>Aplysia</i> species: Relationship with the desaturation-elongation indexes of fatty acids. <i>Chemosphere</i> , <b>2018</b> , 208, 682-690	8.4	3
111	Edible seaweeds' phlorotannins in allergy: A natural multi-target approach. <i>Food Chemistry</i> , <b>2018</b> , 265, 233-241	8.5	18
110	Development of Multifunctional Liposomes Containing Magnetic/Plasmonic MnFe <sub>3</sub> O <sub>4</sub> /Au Core/Shell Nanoparticles. <i>Pharmaceutics</i> , <b>2018</b> , 11,	6.4	16
109	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> , <b>2018</b> , 29, 113-120	5	47
108	The global burden of tuberculosis: results from the Global Burden of Disease Study 2015. <i>Lancet Infectious Diseases, The</i> , <b>2018</b> , 18, 261-284	25.5	165
107	Toxicity and structure-activity relationship (SAR) of $\alpha$ -dehydroamino acids against human cancer cell lines. <i>Toxicology in Vitro</i> , <b>2018</b> , 47, 26-37	3.6	6
106	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> , <b>2018</b> , 63, 151-164	4	34
105	Hybrid MS/NMR methods on the prioritization of natural products: Applications in drug discovery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 147, 234-249	3.5	21
104	Adolescent health in the Eastern Mediterranean Region: findings from the global burden of disease 2015 study. <i>International Journal of Public Health</i> , <b>2018</b> , 63, 79-96	4	8
103	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> , <b>2018</b> , 392, 1684-1735	40	483
102	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> , <b>2018</b> , 392, 1736-1788	40	2850
101	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> , <b>2018</b> , 392, 1923-1994	40	1964

100	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> , <b>2018</b> , 392, 1995-2051	40	189
99	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> , <b>2018</b> , 392, 1789-1858	40	4524
98	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> , <b>2018</b> , 392, 2091-2138	40	210
97	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> , <b>2018</b> , 392, 1859-1922	40	1283
96	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> , <b>2018</b> , 18, 1329-1349	25.5	89
95	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> , <b>2018</b> , 17, 939-953	24.1	785
94	Magnetogels: Prospects and Main Challenges in Biomedical Applications. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	17
93	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> , <b>2018</b> , 118, 430-438	4.7	21
92	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> , <b>2018</b> , 391, 2236-2271	40	381
91	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> , <b>2018</b> , 4, 1553-1568	13.4	875
90	Exploratory Studies on the in Vitro Anti-inflammatory Potential of Two Herbal Teas ( <i>Annona muricata</i> L. and <i>Jasminum grandiflorum</i> L.), and Relation with Their Phenolic Composition. <i>Chemistry and Biodiversity</i> , <b>2017</b> , 14, e1700002	2.5	5
89	Magnetoliposomes as carriers for promising antitumor thieno[3,2-b]pyridin-7-arylamines: photophysical and biological studies. <i>RSC Advances</i> , <b>2017</b> , 7, 15352-15361	3.7	23
88	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> , <b>2017</b> , 389, 2005-2030	40	120
87	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> , <b>2017</b> , 389, 1981-2004	40	152
86	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> , <b>2017</b> , 106, 8-16	4.7	12
85	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> , <b>2017</b> , 3, 524-548	13.4	2394
84	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> , <b>2017</b> , 390, 231-266	40	352
83	Toxicity of phenolipids: Protocatechuic acid alkyl esters trigger disruption of mitochondrial membrane potential and caspase activation in macrophages. <i>Chemistry and Physics of Lipids</i> , <b>2017</b> , 206, 16-27	3.7	5

82	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> , <b>2017</b> , 171, 573-592	8.3	216
81	Neurotoxicity of the steroidal alkaloids tomatine and tomatidine is RIP1 kinase- and caspase-independent and involves the eIF2 $\beta$ branch of the endoplasmic reticulum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 171, 178-186	5.1	15
80	Self-assembled RGD dehydropeptide hydrogels for drug delivery applications. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 8607-8617	7.3	28
79	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> , <b>2017</b> , 3, 1683-1691	13.4	880
78	Phlorotannin extracts from Fucales: Marine polyphenols as bioregulators engaged in inflammation-related mediators and enzymes. <i>Algal Research</i> , <b>2017</b> , 28, 1-8	5	29
77	Recent Patents on Proteasome Inhibitors of Natural Origin. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , <b>2017</b> , 12, 4-15	2.6	8
76	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> , <b>2017</b> , 390, 1084-1150	40	421
75	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> , <b>2017</b> , 390, 1260-1344	40	1152
74	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> , <b>2017</b> , 390, 1151-1210	40	2542
73	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> , <b>2017</b> , 390, 1211-1259	40	3432
72	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> , <b>2017</b> , 390, 1345-1422	40	1378
71	The bioactive compounds from elderberry to modulate mitochondrial dysfunctions underlying Alzheimer's disease. <i>Porto Biomedical Journal</i> , <b>2017</b> , 2, 202-203	1.1	
70	Synthesis and preliminary biological evaluation of new phenolic and catecholic dehydroamino acid derivatives. <i>Tetrahedron</i> , <b>2017</b> , 73, 6199-6209	2.4	4
69	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> , <b>2017</b> , 16, 877-897	24.1	984
68	Further insights on tomato plant: Cytotoxic and antioxidant activity of leaf extracts in human gastric cells. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 109, 386-392	4.7	10
67	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> , <b>2017</b> , 390, 1423-1459	40	224
66	Natural Products as Enzyme Inhibitors <b>2017</b> , 1-18		2
65	Natural Plant-Derived Acetylcholinesterase Inhibitors: Relevance for Alzheimer's Disease <b>2017</b> , 297-318		1



64	Phospholipase A2 Inhibitors of Marine Origin <b>2017</b> , 69-92		2
63	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> , <b>2017</b> , 37, 164-175	5.1	13
62	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> , <b>2017</b> , 18,	6.3	15
61	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> , <b>2016</b> , 3, e361-e387	7.8	382
60	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> , <b>2016</b> , 170, 267-87	8.3	347
59	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. <i>RSC Advances</i> , <b>2016</b> , 6, 17302-17313	3.7	36
58	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> , <b>2016</b> , 388, 1775-1812	40	476
57	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> , <b>2016</b> , 388, 1603-1658	40	1216
56	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> , <b>2016</b> , 388, 1459-1544	40	3525
55	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> , <b>2016</b> , 388, 1545-1602	40	3801
54	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> , <b>2016</b> , 388, 1659-1724	40	2431
53	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> , <b>2016</b> , 388, 1725-1774	40	413
52	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> , <b>2016</b> , 388, 1813-1850	40	302
51	Translating endoplasmic reticulum biology into the clinic: a role for ER-targeted natural products?. <i>Natural Product Reports</i> , <b>2015</b> , 32, 705-22	15.1	24
50	OmicsTechnologies <b>2015</b> , 25-39		0
49	Cork extracts reduce UV-mediated DNA fragmentation and cell death. <i>RSC Advances</i> , <b>2015</b> , 5, 96151-96157	5.7	11
48	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> , <b>2015</b> , 386, 2145-91	40	1203
47	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> , <b>2015</b> , 386, 2287-323	40	1776

46	Dehydrodipeptide Hydrogelators Containing Naproxen N-Capped Tryptophan: Self-Assembly, Hydrogel Characterization, and Evaluation as Potential Drug Nanocarriers. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3562-73	6.9	32
45	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> , <b>2015</b> , 385, 117-71	40	4599
44	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> , <b>2015</b> , 386, 743-800	40	3802
43	The Global Burden of Cancer 2013. <i>JAMA Oncology</i> , <b>2015</b> , 1, 505-27	13.4	1870
42	Meroterpenes from Marine Invertebrates: Chemistry and Application in Cancer <b>2015</b> , 423-437		2
41	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> , <b>2014</b> , 384, 1005-70	40	653
40	Marine natural pigments: Chemistry, distribution and analysis. <i>Dyes and Pigments</i> , <b>2014</b> , 111, 124-134	4.6	32
39	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> , <b>2014</b> , 384, 980-1004	40	950
38	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- $\kappa$ B activation. <i>PLoS ONE</i> , <b>2014</b> , 9, e88341	3.7	48
37	Nano- and microdelivery systems for marine bioactive lipids. <i>Marine Drugs</i> , <b>2014</b> , 12, 6014-27	6	9
36	GC-MS lipidomic profiling of the echinoderm <i>Marthasterias glacialis</i> and screening for activity against human cancer and non-cancer cell lines. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2014</b> , 17, 450-7	1.3	3
35	Lessons from the Sea: Distribution, SAR, and Molecular Mechanisms of Anti-inflammatory Drugs from Marine Organisms. <i>Studies in Natural Products Chemistry</i> , <b>2013</b> , 40, 205-228	1.5	5
34	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> , <b>2013</b> , 12, 54-68	6	28
33	Amino acids, fatty acids and sterols profile of some marine organisms from Portuguese waters. <i>Food Chemistry</i> , <b>2013</b> , 141, 2412-7	8.5	40
32	Phenolic Compounds in <i>Catharanthus roseus</i> <b>2013</b> , 2093-2106		
31	A gas chromatography-mass spectrometry multi-target method for the simultaneous analysis of three classes of metabolites in marine organisms. <i>Talanta</i> , <b>2012</b> , 100, 391-400	6.2	30
30	Further insights on the carotenoid profile of the echinoderm <i>Marthasterias glacialis</i> L. <i>Marine Drugs</i> , <b>2012</b> , 10, 1498-510	6	20
29	Plant secondary metabolites in cancer chemotherapy: where are we?. <i>Current Pharmaceutical Biotechnology</i> , <b>2012</b> , 13, 632-50	2.6	23

28	Anti-proliferative activity of meroditerpenoids isolated from the brown alga <i>Styopodium flabelliforme</i> against several cancer cell lines. <i>Marine Drugs</i> , <b>2011</b> , 9, 852-62	6	43
27	Brassica Seeds: Metabolomics and Biological Potential <b>2011</b> , 83-91		
26	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> , <b>2011</b> , 62, 2841-54	7	121
25	Fatty Acids in Marine Organisms: In the Pursuit of Bioactive Agents. <i>Current Pharmaceutical Analysis</i> , <b>2011</b> , 7, 108-119	0.6	8
24	Tomato ( <i>Lycopersicon esculentum</i> ) seeds: new flavonols and cytotoxic effect. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 2854-61	5.7	52
23	Pharmacological effects of <i>Catharanthus roseus</i> root alkaloids in acetylcholinesterase inhibition and cholinergic neurotransmission. <i>Phytomedicine</i> , <b>2010</b> , 17, 646-52	6.5	69
22	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> , <b>2010</b> , 33, 2250-7	3.4	14
21	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> , <b>2010</b> , 51, 65-9	3.5	40
20	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> , <b>2010</b> , 119, 1681-1693	8.5	10
19	Exploiting <i>Catharanthus roseus</i> roots: Source of antioxidants. <i>Food Chemistry</i> , <b>2010</b> , 121, 56-61	8.5	29
18	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> , <b>2010</b> , 24, 801-6	2.2	28
17	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> , <b>2009</b> , 12, 230-40	1.3	11
16	<i>Brassica oleracea</i> var. <i>costata</i> : comparative study on organic acids and biomass production with other cabbage varieties. <i>Journal of the Science of Food and Agriculture</i> , <b>2009</b> , 89, 1083-1089	4.3	7
15	Metabolic fate of dietary volatile compounds in <i>Pieris brassicae</i> . <i>Microchemical Journal</i> , <b>2009</b> , 93, 99-109	4.8	7
14	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> , <b>2009</b> , 49, 674-85	3.5	43
13	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> , <b>2009</b> , 57, 483-9	5.7	12
12	<i>Pieris brassicae</i> inhibits xanthine oxidase. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 2288-94	5.7	8
11	Targeted metabolite analysis of <i>Catharanthus roseus</i> and its biological potential. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 1349-54	4.7	32

10	Boerhaavia diffusa: metabolite profiling of a medicinal plant from Nyctaginaceae. <i>Food and Chemical Toxicology</i> , <b>2009</b> , 47, 2142-9	4-7	29
9	In vitro cultures of Brassica oleracea L. var. costata DC: potential plant bioreactor for antioxidant phenolic compounds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 1247-52	5-7	32
8	Phenolics metabolism in insects: Pieris brassicae-Brassica oleracea var. costata ecological duo. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 9035-43	5-7	17
7	New phenolic compounds and antioxidant potential of Catharanthus roseus. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 9967-74	5-7	77
6	Free amino acids of tronchuda cabbage (Brassica oleracea L. Var. costata DC): influence of leaf position (internal or external) and collection time. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 5216-21	5-7	19
5	Multivariate analysis of tronchuda cabbage (Brassica oleracea L. var. costata DC) phenolics: influence of fertilizers. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 2231-9	5-7	53
4	Recent Trends in High Throughput Analysis and Antioxidant Potential Screening for Phenolics. <i>Current Pharmaceutical Analysis</i> , <b>2008</b> , 4, 137-150	0.6	7
3	Screening of antioxidant compounds during sprouting of Brassica oleracea L. var. costata DC. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2007</b> , 10, 377-86	1.3	27
2	Monitoring Ternary Systems of C12E5/Water/Tetradecane via the Fluorescence of Solvatochromic Probes. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 4061-4069	3-4	46
1	Nile Red and DCM Fluorescence Anisotropy Studies in C12E7/DPPC Mixed Systems. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 12841-12846	3-4	71