

Francesca Giampieri

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

197
papers

12,291
citations

47
h-index

108
g-index

211
ext. papers

15,453
ext. citations

5.9
avg. IF

6.57
L-index

#	Paper	IF	Citations
197	The Effect of Dietary Polyphenols on Vascular Health and Hypertension: Current Evidence and Mechanisms of Action.. <i>Nutrients</i> , 2022 , 14,	6.7	14
196	Unravelling potential biomedical applications of the edible flower <i>Tulbaghia violacea</i> .. <i>Food Chemistry</i> , 2022 , 132096	8.5	2
195	Bee Products: An Emblematic Example of Underutilized Sources of Bioactive Compounds.. <i>Journal of Agricultural and Food Chemistry</i> , 2022 ,	5.7	11
194	Organic vs conventional plant-based foods: A review.. <i>Food Chemistry</i> , 2022 , 383, 132352	8.5	7
193	Three Amazonian palms as underestimated and little-known sources of nutrients, bioactive compounds and edible insects. <i>Food Chemistry</i> , 2022 , 372, 131273	8.5	0
192	Strawberry (<i>Fragaria</i>) banana cv. Romina) methanolic extract attenuates Alzheimer's beta amyloid production and oxidative stress by SKN-1/NRF and DAF-16/FOXO mediated mechanisms in <i>C. elegans</i> . <i>Food Chemistry</i> , 2022 , 372, 131272	8.5	8
191	Computational modeling predicts potential effects of the herbal infusion "horchata" against COVID-19. <i>Food Chemistry</i> , 2022 , 366, 130589	8.5	7
190	Changes in the Lifestyle of the Spanish University Population during Confinement for COVID-19.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	1
189	An oleuropein rich-olive (<i>Olea europaea</i> L.) leaf extract reduces β amyloid and tau proteotoxicity through regulation of oxidative- and heat shock-stress responses in <i>Caenorhabditis elegans</i> .. <i>Food and Chemical Toxicology</i> , 2022 , 162, 112914	4.7	4
188	Metabolomic profile and computational analysis for the identification of the potential anti-inflammatory mechanisms of action of the traditional medicinal plants <i>Ocimum basilicum</i> and <i>Ocimum tenuiflorum</i> .. <i>Food and Chemical Toxicology</i> , 2022 , 113039	4.7	2
187	Adherence to the Mediterranean-Style Eating Pattern and Macular Degeneration: A Systematic Review of Observational Studies. <i>Nutrients</i> , 2022 , 14, 2028	6.7	1
186	Dietary Phytoestrogen Intake and Cognitive Status in Southern Italian Older Adults. <i>Biomolecules</i> , 2022 , 12, 760	5.9	0
185	Influence of the extraction method on the recovery of bioactive phenolic compounds from food industry by-products.. <i>Food Chemistry</i> , 2021 , 378, 131918	8.5	9
184	Manuka honey in combination with 5-Fluorouracil decreases physical parameters of colonspheres enriched with cancer stem-like cells and reduces their resistance to apoptosis. <i>Food Chemistry</i> , 2021 , 374, 131753	8.5	3
183	The reciprocal interaction between polyphenols and other dietary compounds: Impact on bioavailability, antioxidant capacity and other physico-chemical and nutritional parameters.. <i>Food Chemistry</i> , 2021 , 375, 131904	8.5	7
182	Nutritional Value and Preventive Role of L. and Its Main Component Thymoquinone in Cancer: An Evidenced-Based Review of Preclinical and Clinical Studies. <i>Molecules</i> , 2021 , 26,	4.8	7
181	The Molecular Basis of Different Approaches for the Study of Cancer Stem Cells and the Advantages and Disadvantages of a Three-Dimensional Culture. <i>Molecules</i> , 2021 , 26,	4.8	1

180	A six-herb Chinese medicine composition ointment as a promising candidate for treatment of hypertrophic scars. <i>Chinese Herbal Medicines</i> , 2021 , 13, 210-220	1.4	
179	Targeting epigenetics in cancer: therapeutic potential of flavonoids. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 1616-1639	11.5	17
178	Effects of caloric restriction on immunosurveillance, microbiota and cancer cell phenotype: Possible implications for cancer treatment. <i>Seminars in Cancer Biology</i> , 2021 , 73, 45-57	12.7	6
177	Vegetarian diets during pregnancy: effects on the mother's health. A systematic review. <i>Food and Function</i> , 2021 , 12, 466-493	6.1	1
176	The roles of strawberry and honey phytochemicals on human health: A possible clue on the molecular mechanisms involved in the prevention of oxidative stress and inflammation. <i>Phytomedicine</i> , 2021 , 86, 153170	6.5	32
175	Manuka honey, oxidative stress, 5-fluorouracil treatment, and colon cancer cells 2021 , 407-415		0
174	Ultra-Small Iron Nanoparticles Target Mitochondria Inducing Autophagy, Acting on Mitochondrial DNA and Reducing Respiration. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
173	Prevention of neurodegenerative disorders by nutraceuticals 2021 , 17-39		1
172	Immunoinflammatory effects of dietary bioactive compounds. <i>Advances in Food and Nutrition Research</i> , 2021 , 95, 295-336	6	2
171	Recent advances on bioactive polysaccharides from mulberry. <i>Food and Function</i> , 2021 , 12, 5219-5235	6.1	1
170	Nutrition and Rheumatoid Arthritis in the 'Omics' Era. <i>Nutrients</i> , 2021 , 13,	6.7	9
169	Phages and Enzybiotics in Food Biopreservation. <i>Molecules</i> , 2021 , 26,	4.8	3
168	The central role of mitochondria in the relationship between dietary lipids and cancer progression. <i>Seminars in Cancer Biology</i> , 2021 , 73, 86-100	12.7	3
167	The neuroprotective effects of polyphenols, their role in innate immunity and the interplay with the microbiota. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 128, 437-453	9	6
166	Strawberry tree honey in combination with 5-fluorouracil enhances chemosensitivity in human colon adenocarcinoma cells. <i>Food and Chemical Toxicology</i> , 2021 , 156, 112484	4.7	6
165	Anti-inflammatory activities of Italian Chestnut and Eucalyptus honeys on murine RAW 264.7 macrophages. <i>Journal of Functional Foods</i> , 2021 , 87, 104752	5.1	0
164	Effect of thermal liquefaction on quality, chemical composition and antibiofilm activity against multiresistant human pathogens of crystallized eucalyptus honey. <i>Food Chemistry</i> , 2021 , 365, 130519	8.5	4
163	The efficacy of berries against lipopolysaccharide-induced inflammation: A review. <i>Trends in Food Science and Technology</i> , 2021 , 117, 74-74	15.3	5

162	Natural products in drug discovery: advances and opportunities. <i>Nature Reviews Drug Discovery</i> , 2021 , 20, 200-216	64.1	522
161	Strawberry-Derived Exosome-Like Nanoparticles Prevent Oxidative Stress in Human Mesenchymal Stromal Cells. <i>Biomolecules</i> , 2021 , 11,	5.9	35
160	Links between Nutrition, Infectious Diseases, and Microbiota: Emerging Technologies and Opportunities for Human-Focused Research. <i>Nutrients</i> , 2020 , 12,	6.7	9
159	The Strategic Alliance between Clinical and Molecular Science in the War against SARS-CoV-2, with the Rapid-Diagnostics Test as an Indispensable Weapon for Front Line Doctors. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
158	Pechiche (Berteo ex Speng), a Nontraditional Fruit from Ecuador, is a Dietary Source of Phenolic Acids and Nutrient Minerals, in Addition to Efficiently Counteracting the Oxidative-Induced Damage in Human Dermal Fibroblasts. <i>Antioxidants</i> , 2020 , 9,	7.1	2
157	Reductive Stress, Bioactive Compounds, Redox-Active Metals, and Dormant Tumor Cell Biology to Develop Redox-Based Tools for the Treatment of Cancer. <i>Antioxidants and Redox Signaling</i> , 2020 , 33, 860-881	8.4	16
156	The Influence of In Vitro Gastrointestinal Digestion on the Anticancer Activity of Manuka Honey. <i>Antioxidants</i> , 2020 , 9,	7.1	18
155	Yield and nutritional quality of highbush blueberry genotypes trialled in a Mediterranean hot summer climate. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 3675-3686	4.3	2
154	Eucalyptus honey: Quality parameters, chemical composition and health-promoting properties. <i>Food Chemistry</i> , 2020 , 325, 126870	8.5	19
153	Phenolic compounds from Mediterranean foods as nutraceutical tools for the prevention of cancer: The effect of honey polyphenols on colorectal cancer stem-like cells from spheroids. <i>Food Chemistry</i> , 2020 , 325, 126881	8.5	29
152	Rheumatoid arthritis research in the 21st century: Limitations of traditional models, new technologies, and opportunities for a human biology-based approach. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020 , 37, 223-242	4.3	7
151	Effect of In vitro Gastrointestinal Digestion on the Bioaccessibility of Phenolic Compounds and Antioxidant Activity of Manuka Honey. <i>EFood</i> , 2020 , 1, 85	1.9	5
150	Sensorial and nutritional quality of inter and intraspecific strawberry genotypes selected in resilient conditions. <i>Scientia Horticulturae</i> , 2020 , 261, 108945	4.1	15
149	Strawberry (<i>Fragaria ×ananassa</i> cv. Romina) methanolic extract promotes browning in 3T3-L1 cells. <i>Food and Function</i> , 2020 , 11, 297-304	6.1	18
148	Pharmacological, non-pharmacological and stem cell therapies for the management of autism spectrum disorders: A focus on human studies. <i>Pharmacological Research</i> , 2020 , 152, 104579	10.2	7
147	Therapeutic and preventive properties of honey and its bioactive compounds in cancer: an evidence-based review. <i>Nutrition Research Reviews</i> , 2020 , 33, 50-76	7	31
146	Advances on Natural Polyphenols as Anticancer Agents for Skin Cancer. <i>Pharmacological Research</i> , 2020 , 151, 104584	10.2	84
145	Autophagy, One of the Main Steps in Periodontitis Pathogenesis and Evolution. <i>Molecules</i> , 2020 , 25,	4.8	10

144	Nutraceutical Compounds Targeting Inflammasomes in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
143	Potential Health Benefit of Garlic Based on Human Intervention Studies: A Brief Overview. <i>Antioxidants</i> , 2020 , 9,	7.1	35
142	Effect of polyphenols on HER2-positive breast cancer and related miRNAs: Epigenomic regulation. <i>Food Research International</i> , 2020 , 137, 109623	7	4
141	Myrtle (<i>Myrtus communis</i> L.) berries, seeds, leaves, and essential oils: New undiscovered sources of natural compounds with promising health benefits. <i>Food Frontiers</i> , 2020 , 1, 276-295	4.2	6
140	Dietary phytochemicals in colorectal cancer prevention and treatment: A focus on the molecular mechanisms involved. <i>Biotechnology Advances</i> , 2020 , 38, 107322	17.8	78
139	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. <i>Biotechnology Advances</i> , 2020 , 38, 107316	17.8	121
138	Bioactive compounds and antioxidant capacity of J.F.Gmel from the highlands of Ecuador. <i>Natural Product Research</i> , 2020 , 34, 2652-2655	2.3	2
137	Resveratrol inhibits the proliferation of melanoma cells by modulating cell cycle. <i>International Journal of Food Sciences and Nutrition</i> , 2020 , 71, 84-93	3.7	3
136	Chemical Composition and Antioxidant Activity of the Main Fruits Consumed in the Western Coastal Region of Ecuador as a Source of Health-Promoting Compounds. <i>Antioxidants</i> , 2019 , 8,	7.1	17
135	An update on the mechanisms related to cell death and toxicity of doxorubicin and the protective role of nutrients. <i>Food and Chemical Toxicology</i> , 2019 , 134, 110834	4.7	36
134	Chemical Composition and Antioxidant Activity of the Main Fruits, Tubers and Legumes Traditionally Consumed in the Andean Regions of Ecuador as a Source of Health-Promoting Compounds. <i>Plant Foods for Human Nutrition</i> , 2019 , 74, 350-357	3.9	12
133	Industrial-Scale Decontamination Procedure Effects on the Content of Acaricides, Heavy Metals and Antioxidant Capacity of Beeswax. <i>Molecules</i> , 2019 , 24,	4.8	7
132	Strawberry tree honey as a new potential functional food. Part 2: Strawberry tree honey increases ROS generation by suppressing Nrf2-ARE and NF- κ B signaling pathways and decreases metabolic phenotypes and metastatic activity in colon cancer cells. <i>Journal of Functional Foods</i> , 2019 , 57, 477-487	5.1	24
131	Strawberry tree honey as a new potential functional food. Part 1: Strawberry tree honey reduces colon cancer cell proliferation and colony formation ability, inhibits cell cycle and promotes apoptosis by regulating EGFR and MAPKs signaling pathways. <i>Journal of Functional Foods</i> , 2019 , 57, 439-452	5.1	26
130	Autophagy in Human Health and Disease: Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 577-634	8.4	69
129	Targeting Pancreatic Cancer Cells with Peptide-Functionalized Polymeric Magnetic Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
128	Beyond the 3Rs: Expanding the use of human-relevant replacement methods in biomedical research. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019 , 36, 343-352	4.3	25
127	The rootstock effects on vigor, production and fruit quality in sweet cherry (<i>Prunus avium</i> L.). <i>Journal of Berry Research</i> , 2019 , 9, 249-265	2	7

126	Isolation of strawberry anthocyanin-rich fractions and their mechanisms of action against murine breast cancer cell lines. <i>Food and Function</i> , 2019 , 10, 7103-7120	6.1	28
125	Transthyretin Upregulates Long Non-Coding RNA MEG3 by Affecting PABPC1 in Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
124	Structure-stability relationship of anthocyanins under cell culture condition. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 285-293	3.7	5
123	Dry olive leaf extract attenuates DNA damage induced by estradiol and diethylstilbestrol in human peripheral blood cells in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019 , 845, 402993	3	2
122	Relevance of functional foods in the Mediterranean diet: the role of olive oil, berries and honey in the prevention of cancer and cardiovascular diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2019 , 59, 893-920	11.5	85
121	Inhibitory effects of anthocyanins on α -glucosidase activity. <i>Journal of Berry Research</i> , 2019 , 9, 109-123	2	3
120	Effects of phytochemicals on thyroid function and their possible role in thyroid disease. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1443, 3-19	6.5	12
119	Romina: A powerful strawberry with in vitro efficacy against uterine leiomyoma cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 7622-7633	7	15
118	Physicochemical parameters, chemical composition, antioxidant capacity, microbial contamination and antimicrobial activity of Eucalyptus honey from the Andean region of Ecuador. <i>Journal of Apicultural Research</i> , 2018 , 57, 382-394	2	18
117	Effect of pistachio kernel extracts in MCF-7 breast cancer cells: Inhibition of cell proliferation, induction of ROS production, modulation of glycolysis and of mitochondrial respiration. <i>Journal of Functional Foods</i> , 2018 , 45, 155-164	5.1	22
116	The inhibitory effect of Manuka honey on human colon cancer HCT-116 and LoVo cell growth. Part 2: Induction of oxidative stress, alteration of mitochondrial respiration and glycolysis, and suppression of metastatic ability. <i>Food and Function</i> , 2018 , 9, 2158-2170	6.1	29
115	Strawberry extracts efficiently counteract inflammatory stress induced by the endotoxin lipopolysaccharide in Human Dermal Fibroblast. <i>Food and Chemical Toxicology</i> , 2018 , 114, 128-140	4.7	39
114	Guava (<i>Psidium guajava</i> L. cv. Red Suprema) Crude Extract Protect Human Dermal Fibroblasts against Cytotoxic Damage Mediated by Oxidative Stress. <i>Plant Foods for Human Nutrition</i> , 2018 , 73, 18-24	3.9	14
113	Are by-products from beeswax recycling process a new promising source of bioactive compounds with biomedical properties?. <i>Food and Chemical Toxicology</i> , 2018 , 112, 126-133	4.7	27
112	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. <i>Biotechnology Advances</i> , 2018 , 36, 358-370	17.8	71
111	Overexpression of the Anthocyanidin Synthase Gene in Strawberry Enhances Antioxidant Capacity and Cytotoxic Effects on Human Hepatic Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 581-592	5.7	66
110	The inhibitory effect of Manuka honey on human colon cancer HCT-116 and LoVo cell growth. Part 1: the suppression of cell proliferation, promotion of apoptosis and arrest of the cell cycle. <i>Food and Function</i> , 2018 , 9, 2145-2157	6.1	53
109	Autophagic dysfunction in patients with Papillon-Lefèvre syndrome is restored by recombinant cathepsin C treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1131-1143.e7	11.5	14

108	Nutritional patterns associated with the maintenance of neurocognitive functions and the risk of dementia and Alzheimer's disease: A focus on human studies. <i>Pharmacological Research</i> , 2018 , 131, 32-43	10.2	96
107	Gene pathways associated with mitochondrial function, oxidative stress and telomere length are differentially expressed in the liver of rats fed lifelong on virgin olive, sunflower or fish oils. <i>Journal of Nutritional Biochemistry</i> , 2018 , 52, 36-44	6.3	28
106	<i>Apis mellifera</i> vs <i>Melipona beecheii</i> Cuban polifloral honeys: A comparison based on their physicochemical parameters, chemical composition and biological properties. <i>LWT - Food Science and Technology</i> , 2018 , 87, 272-279	5.4	57
105	Consequences of cathepsin C inactivation for membrane exposure of proteinase 3, the target antigen in autoimmune vasculitis. <i>Journal of Biological Chemistry</i> , 2018 , 293, 12415-12428	5.4	17
104	Manuka honey synergistically enhances the chemopreventive effect of 5-fluorouracil on human colon cancer cells by inducing oxidative stress and apoptosis, altering metabolic phenotypes and suppressing metastasis ability. <i>Free Radical Biology and Medicine</i> , 2018 , 126, 41-54	7.8	45
103	Protective effects of Manuka honey on LPS-treated RAW 264.7 macrophages. Part 2: Control of oxidative stress induced damage, increase of antioxidant enzyme activities and attenuation of inflammation. <i>Food and Chemical Toxicology</i> , 2018 , 120, 578-587	4.7	50
102	Phytochemical Composition and Cytotoxic Effects on Liver Hepatocellular Carcinoma Cells of Different Berries Following a Simulated In Vitro Gastrointestinal Digestion. <i>Molecules</i> , 2018 , 23,	4.8	11
101	Comparison of the Antimicrobial Activities of Four Honeys From Three Countries (New Zealand, Cuba, and Kenya). <i>Frontiers in Microbiology</i> , 2018 , 9, 1378	5.7	25
100	Wild Andean blackberry (<i>Rubus glaucus</i> Benth) and Andean blueberry (<i>Vaccinium floribundum</i> Kunth) from the Highlands of Ecuador: Nutritional composition and protective effect on human dermal fibroblasts against cytotoxic oxidative damage. <i>Journal of Berry Research</i> , 2018 , 8, 223-236	2	24
99	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. <i>Molecules</i> , 2018 , 23,	4.8	25
98	Status of strawberry breeding programs and cultivation systems in Europe and the rest of the world. <i>Journal of Berry Research</i> , 2018 , 8, 205-221	2	40
97	Targeting molecular pathways in cancer stem cells by natural bioactive compounds. <i>Pharmacological Research</i> , 2018 , 135, 150-165	10.2	43
96	Strawberry and Achenes Hydroalcoholic Extracts and Their Digested Fractions Efficiently Counteract the AAPH-Induced Oxidative Damage in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	6
95	Phenolic Compounds Isolated from Olive Oil as Nutraceutical Tools for the Prevention and Management of Cancer and Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	56
94	Beeswax by-Products Efficiently Counteract the Oxidative Damage Induced by an Oxidant Agent in Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	6
93	Phenolic Compounds in Honey and Their Associated Health Benefits: A Review. <i>Molecules</i> , 2018 , 23,	4.8	204
92	Protective effects of Manuka honey on LPS-treated RAW 264.7 macrophages. Part 1: Enhancement of cellular viability, regulation of cellular apoptosis and improvement of mitochondrial functionality. <i>Food and Chemical Toxicology</i> , 2018 , 121, 203-213	4.7	35
91	Characterization of phenolic extracts from Brava extra virgin olive oils and their cytotoxic effects on MCF-7 breast cancer cells. <i>Food and Chemical Toxicology</i> , 2018 , 119, 73-85	4.7	26

90	Manuka honey attenuates oxidative damage induced by HO in human whole blood in vitro. <i>Food and Chemical Toxicology</i> , 2018 , 119, 61-65	4.7	7
89	Anti-inflammatory effect of strawberry extract against LPS-induced stress in RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2017 , 102, 1-10	4.7	124
88	Anti-inflammatory effect of Capuli cherry against LPS-induced cytotoxic damage in RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2017 , 102, 46-52	4.7	35
87	Strawberry consumption improves aging-associated impairments, mitochondrial biogenesis and functionality through the AMP-activated protein kinase signaling cascade. <i>Food Chemistry</i> , 2017 , 234, 464-471	8.5	81
86	Evaluation of vitamin C content in fruit and leaves of different strawberry genotypes. <i>Acta Horticulturae</i> , 2017 , 371-378	0.3	8
85	The effects of strawberry bioactive compounds on human health. <i>Acta Horticulturae</i> , 2017 , 355-362	0.3	4
84	Evaluation of strawberry (<i>Fragaria ananassa</i> Duch.) Alba sensorial and nutritional quality, and its in vitro effects against human breast cancer cells viability. <i>Acta Horticulturae</i> , 2017 , 379-388	0.3	4
83	Effects of in vitro gastrointestinal digestion on strawberry polyphenols stability. <i>Acta Horticulturae</i> , 2017 , 389-396	0.3	4
82	The photoprotective effects of strawberry-based cosmetic formulations on human dermal fibroblasts. <i>Acta Horticulturae</i> , 2017 , 397-404	0.3	1
81	Effects of three genetically-modified strawberry selections on human dermal fibroblasts exposed to AAPH-induced oxidative stress. <i>Acta Horticulturae</i> , 2017 , 405-412	0.3	
80	The effect of an enzymatic digestion process on strawberry antioxidant capacity. <i>Acta Horticulturae</i> , 2017 , 413-418	0.3	
79	The healthy effects of strawberry bioactive compounds on molecular pathways related to chronic diseases. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1398, 62-71	6.5	42
78	Data on body weight and liver functionality in aged rats fed an enriched strawberry diet. <i>Data in Brief</i> , 2017 , 13, 432-436	1.2	3
77	Nrf2 pathway activation upon rotenone treatment in human iPSC-derived neural stem cells undergoing differentiation towards neurons and astrocytes. <i>Neurochemistry International</i> , 2017 , 108, 457-471	4.4	34
76	Unexpected effect of dry olive leaf extract on the level of DNA damage in lymphocytes of lead intoxicated workers, before and after CaNaEDTA chelation therapy. <i>Food and Chemical Toxicology</i> , 2017 , 106, 616-623	4.7	9
75	The use of natural compounds for the targeting and chemoprevention of ovarian cancer. <i>Cancer Letters</i> , 2017 , 411, 191-200	9.9	37
74	An anthocyanin rich strawberry extract induces apoptosis and ROS while decreases glycolysis and fibrosis in human uterine leiomyoma cells. <i>Oncotarget</i> , 2017 , 8, 23575-23587	3.3	26
73	Influence of Botanical Origin and Chemical Composition on the Protective Effect against Oxidative Damage and the Capacity to Reduce In Vitro Bacterial Biofilms of Monofloral Honeys from the Andean Region of Ecuador. <i>International Journal of Molecular Sciences</i> , 2017 , 19,	6.3	27

72	The protective effect of acerola (<i>Malpighia emarginata</i>) against oxidative damage in human dermal fibroblasts through the improvement of antioxidant enzyme activity and mitochondrial functionality. <i>Food and Function</i> , 2017 , 8, 3250-3258	6.1	28
71	Evaluation of the rotenone-induced activation of the Nrf2 pathway in a neuronal model derived from human induced pluripotent stem cells. <i>Neurochemistry International</i> , 2017 , 106, 62-73	4.4	36
70	Adenosine Monophosphate (AMP)-Activated Protein Kinase: A New Target for Nutraceutical Compounds. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	44
69	Protective Effect of Strawberry Extract against Inflammatory Stress Induced in Human Dermal Fibroblasts. <i>Molecules</i> , 2017 , 22,	4.8	15
68	Age-Related Loss in Bone Mineral Density of Rats Fed Lifelong on a Fish Oil-Based Diet Is Avoided by Coenzyme Q Addition. <i>Nutrients</i> , 2017 , 9,	6.7	14
67	Strawberry-Based Cosmetic Formulations Protect Human Dermal Fibroblasts against UVA-Induced Damage. <i>Nutrients</i> , 2017 , 9,	6.7	39
66	Lipid Accumulation in HepG2 Cells Is Attenuated by Strawberry Extract through AMPK Activation. <i>Nutrients</i> , 2017 , 9,	6.7	64
65	Strawberry-Tree Honey Induces Growth Inhibition of Human Colon Cancer Cells and Increases ROS Generation: A Comparison with Manuka Honey. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	49
64	Strawberry (cv. Romina) Methanolic Extract and Anthocyanin-Enriched Fraction Improve Lipid Profile and Antioxidant Status in HepG2 Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	33
63	The Healthy Effects of Strawberry Polyphenols: Which Strategy behind Antioxidant Capacity?. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56 Suppl 1, S46-59	11.5	106
62	Targeting Glioblastoma with the Use of Phytocompounds and Nanoparticles. <i>Targeted Oncology</i> , 2016 , 11, 1-16	5	29
61	The genetic aspects of berries: from field to health. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 365-71	4.3	104
60	Breeding Strawberry for Higher Phytochemicals Content and Claim It: Is It Possible?. <i>International Journal of Fruit Science</i> , 2016 , 16, 194-206	1.2	25
59	Role of gut microbiota and nutrients in amyloid formation and pathogenesis of Alzheimer disease. <i>Nutrition Reviews</i> , 2016 , 74, 624-34	6.4	261
58	Associations between Sleep, Cortisol Regulation, and Diet: Possible Implications for the Risk of Alzheimer Disease. <i>Advances in Nutrition</i> , 2016 , 7, 679-89	10	39
57	Polyphenol-rich strawberry extract (PRSE) shows in vitro and in vivo biological activity against invasive breast cancer cells. <i>Scientific Reports</i> , 2016 , 6, 30917	4.9	66
56	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. <i>Food and Chemical Toxicology</i> , 2016 , 94, 128-37	4.7	37
55	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838

54	AMPK as a New Attractive Therapeutic Target for Disease Prevention: The Role of Dietary Compounds AMPK and Disease Prevention. <i>Current Drug Targets</i> , 2016 , 17, 865-89	3	57
53	Alzheimer disease research in the 21st century: past and current failures, new perspectives and funding priorities. <i>Oncotarget</i> , 2016 , 7, 38999-39016	3.3	42
52	A comparative study on cytotoxic effects of strawberry extract on different cellular models. <i>Journal of Berry Research</i> , 2016 , 6, 263-275	2	8
51	Strawberry Achenes Are an Important Source of Bioactive Compounds for Human Health. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	40
50	Role of Lipids in the Onset, Progression and Treatment of Periodontal Disease. A Systematic Review of Studies in Humans. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	10
49	Chemopreventive and Therapeutic Effects of Edible Berries: A Focus on Colon Cancer Prevention and Treatment. <i>Molecules</i> , 2016 , 21, 169	4.8	95
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