

# Francesca Giampieri

## List of Publications by Citations

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
196	Natural products in drug discovery: advances and opportunities. <i>Nature Reviews Drug Discovery</i> , <b>2021</b> , 20, 200-216	64.1	522
195	The strawberry: composition, nutritional quality, and impact on human health. <i>Nutrition</i> , <b>2012</b> , 28, 9-19	4.8	507
194	Antioxidant and antimicrobial capacity of several monofloral Cuban honeys and their correlation with color, polyphenol content and other chemical compounds. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 2490-9	4.7	264
193	Role of gut microbiota and nutrients in amyloid formation and pathogenesis of Alzheimer disease. <i>Nutrition Reviews</i> , <b>2016</b> , 74, 624-34	6.4	261
192	One-month strawberry-rich anthocyanin supplementation ameliorates cardiovascular risk, oxidative stress markers and platelet activation in humans. <i>Journal of Nutritional Biochemistry</i> , <b>2014</b> , 25, 289-94	6.3	251
191	Strawberry and human health: effects beyond antioxidant activity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 3867-76	5.7	212
190	Phenolic Compounds in Honey and Their Associated Health Benefits: A Review. <i>Molecules</i> , <b>2018</b> , 23,	4.8	204
189	Intratumoral hypoxic gradient drives stem cells distribution and MGMT expression in glioblastoma. <i>Stem Cells</i> , <b>2010</b> , 28, 851-62	5.8	202
188	Strawberry as a health promoter: an evidence based review. <i>Food and Function</i> , <b>2015</b> , 6, 1386-98	6.1	200
187	The Composition and Biological Activity of Honey: A Focus on Manuka Honey. <i>Foods</i> , <b>2014</b> , 3, 420-432	4.9	172
186	Honey as a source of dietary antioxidants: structures, bioavailability and evidence of protective effects against human chronic diseases. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 621-38	4.3	156
185	The effects of bioactive compounds from plant foods on mitochondrial function: a focus on apoptotic mechanisms. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 68, 154-82	4.7	153
184	Promising Health Benefits of the Strawberry: A Focus on Clinical Studies. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 4435-49	5.7	140
183	Strawberry polyphenols attenuate ethanol-induced gastric lesions in rats by activation of antioxidant enzymes and attenuation of MDA increase. <i>PLoS ONE</i> , <b>2011</b> , 6, e25878	3.7	139
182	Anti-inflammatory effect of strawberry extract against LPS-induced stress in RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 102, 1-10	4.7	124
181	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. <i>Biotechnology Advances</i> , <b>2020</b> , 38, 107316	17.8	121

180	Interaction of hypoxia-inducible factor-1 and Notch signaling regulates medulloblastoma precursor proliferation and fate. <i>Stem Cells</i> , <b>2010</b> , 28, 1918-29	5.8	116
179	The use of plant-derived bioactive compounds to target cancer stem cells and modulate tumor microenvironment. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 75, 58-70	4.7	111
178	Activation of AMPK/Nrf2 signalling by Manuka honey protects human dermal fibroblasts against oxidative damage by improving antioxidant response and mitochondrial function promoting wound healing. <i>Journal of Functional Foods</i> , <b>2016</b> , 25, 38-49	5.1	110
177	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1508-16	4.7	109
176	The Healthy Effects of Strawberry Polyphenols: Which Strategy behind Antioxidant Capacity?. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2016</b> , 56 Suppl 1, S46-59	11.5	106
175	The genetic aspects of berries: from field to health. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 365-71	4.3	104
174	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> , <b>2018</b> , 131, 32-43	10.2	96
173	Chemopreventive and Therapeutic Effects of Edible Berries: A Focus on Colon Cancer Prevention and Treatment. <i>Molecules</i> , <b>2016</b> , 21, 169	4.8	95
172	An anthocyanin-rich strawberry extract protects against oxidative stress damage and improves mitochondrial functionality in human dermal fibroblasts exposed to an oxidizing agent. <i>Food and Function</i> , <b>2014</b> , 5, 1939-48	6.1	89
171	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> , <b>2019</b> , 59, 893-920	11.5	85
170	Advances on Natural Polyphenols as Anticancer Agents for Skin Cancer. <i>Pharmacological Research</i> , <b>2020</b> , 151, 104584	10.2	84
169	Strawberry consumption improves aging-associated impairments, mitochondrial biogenesis and functionality through the AMP-activated protein kinase signaling cascade. <i>Food Chemistry</i> , <b>2017</b> , 234, 464-471	8.5	81
168	Photoprotective potential of strawberry ( <i>Fragaria ananassa</i> ) extract against UV-A irradiation damage on human fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 2322-7	5.7	79
167	Phytochemical profiling of strawberry fruits, and bioactive compounds from the same selected cultivar in human plasma during a medium-term consumption study. <i>BMC Proceedings</i> , <b>2012</b> , 6, P5	2.3	78
166	Hypoxia and HIF1alpha repress the differentiative effects of BMPs in high-grade glioma. <i>Stem Cells</i> , <b>2009</b> , 27, 7-17	5.8	78
165	Dietary phytochemicals in colorectal cancer prevention and treatment: A focus on the molecular mechanisms involved. <i>Biotechnology Advances</i> , <b>2020</b> , 38, 107322	17.8	78
164	Polyphenol-rich strawberry extract protects human dermal fibroblasts against hydrogen peroxide oxidative damage and improves mitochondrial functionality. <i>Molecules</i> , <b>2014</b> , 19, 7798-816	4.8	72
163	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 358-370	17.8	71

162	Autophagy in Human Health and Disease: Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , <b>2019</b> , 30, 577-634	8.4	69
161	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> , <b>2018</b> , 66, 581-592	5.7	66
160	Polyphenol-rich strawberry extract (PRSE) shows in vitro and in vivo biological activity against invasive breast cancer cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 30917	4.9	66
159	Lipid Accumulation in HepG2 Cells Is Attenuated by Strawberry Extract through AMPK Activation. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	64
158	Apis mellifera vs Melipona beecheii Cuban polifloral honeys: A comparison based on their physicochemical parameters, chemical composition and biological properties. <i>LWT - Food Science and Technology</i> , <b>2018</b> , 87, 272-279	5.4	57
157	AMPK as a New Attractive Therapeutic Target for Disease Prevention: The Role of Dietary Compounds AMPK and Disease Prevention. <i>Current Drug Targets</i> , <b>2016</b> , 17, 865-89	3	57
156	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> , <b>2018</b> , 19,	6.3	56
155	The three-layer concentric model of glioblastoma: cancer stem cells, microenvironmental regulation, and therapeutic implications. <i>Scientific World Journal, The</i> , <b>2011</b> , 11, 1829-41	2.2	56
154	The potential impact of strawberry on human health. <i>Natural Product Research</i> , <b>2013</b> , 27, 448-55	2.3	55
153	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> , <b>2018</b> , 9, 2145-2157	6.1	53
152	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> , <b>2018</b> , 120, 578-587	4.7	50
151	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> , <b>2017</b> , 18,	6.3	49
150	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> , <b>2018</b> , 126, 41-54	7.8	45
149	Strawberry intake increases blood fluid, erythrocyte and mononuclear cell defenses against oxidative challenge. <i>Food Chemistry</i> , <b>2014</b> , 156, 87-93	8.5	44
148	Adenosine Monophosphate (AMP)-Activated Protein Kinase: A New Target for Nutraceutical Compounds. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	44
147	Targeting molecular pathways in cancer stem cells by natural bioactive compounds. <i>Pharmacological Research</i> , <b>2018</b> , 135, 150-165	10.2	43
146	The healthy effects of strawberry bioactive compounds on molecular pathways related to chronic diseases. <i>Annals of the New York Academy of Sciences</i> , <b>2017</b> , 1398, 62-71	6.5	42
145	Alzheimer disease research in the 21st century: past and current failures, new perspectives and funding priorities. <i>Oncotarget</i> , <b>2016</b> , 7, 38999-39016	3.3	42

144	Role of plant-based diets in the prevention and regression of metabolic syndrome and neurodegenerative diseases. <i>Trends in Food Science and Technology</i> , <b>2014</b> , 40, 62-81	15.3	41
143	Hypoxia and succinate antagonize 2-deoxyglucose effects on glioblastoma. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1517-27	6	41
142	Status of strawberry breeding programs and cultivation systems in Europe and the rest of the world. <i>Journal of Berry Research</i> , <b>2018</b> , 8, 205-221	2	40
141	Strawberry Achenes Are an Important Source of Bioactive Compounds for Human Health. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	40
140	Coenzyme Q and Its Role in the Dietary Therapy against Aging. <i>Molecules</i> , <b>2016</b> , 21, 373	4.8	40
139	Strawberry extracts efficiently counteract inflammatory stress induced by the endotoxin lipopolysaccharide in Human Dermal Fibroblast. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 114, 128-140	4.7	39
138	Associations between Sleep, Cortisol Regulation, and Diet: Possible Implications for the Risk of Alzheimer Disease. <i>Advances in Nutrition</i> , <b>2016</b> , 7, 679-89	10	39
137	Doxorubicin-induced oxidative stress in rats is efficiently counteracted by dietary anthocyanin differently enriched strawberry ( <i>Fragaria lananassa</i> Duch.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 3935-43	5.7	39
136	Strawberry-Based Cosmetic Formulations Protect Human Dermal Fibroblasts against UVA-Induced Damage. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	39
135	Radical-scavenging activity, protective effect against lipid peroxidation and mineral contents of monofloral Cuban honeys. <i>Plant Foods for Human Nutrition</i> , <b>2012</b> , 67, 31-8	3.9	38
134	The use of natural compounds for the targeting and chemoprevention of ovarian cancer. <i>Cancer Letters</i> , <b>2017</b> , 411, 191-200	9.9	37
133	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 94, 128-37	4.7	37
132	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> , <b>2019</b> , 134, 110834	4.7	36
131	Lipophilic antioxidants prevent lipopolysaccharide-induced mitochondrial dysfunction through mitochondrial biogenesis improvement. <i>Pharmacological Research</i> , <b>2015</b> , 91, 1-8	10.2	36
130	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> , <b>2017</b> , 106, 62-73	4.4	36
129	Molecular mechanisms of HIF-1 $\alpha$ modulation induced by oxygen tension and BMP2 in glioblastoma derived cells. <i>PLoS ONE</i> , <b>2009</b> , 4, e6206	3.7	36
128	Anti-inflammatory effect of Capuli cherry against LPS-induced cytotoxic damage in RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 102, 46-52	4.7	35
127	Potential Health Benefit of Garlic Based on Human Intervention Studies: A Brief Overview. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	35

126	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> , <b>2018</b> , 121, 203-213	4.7	35
125	Strawberry-Derived Exosome-Like Nanoparticles Prevent Oxidative Stress in Human Mesenchymal Stromal Cells. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	35
124	Nrf2 pathway activation upon rotenone treatment in human iPSC-derived neural stem cells undergoing differentiation towards neurons and astrocytes. <i>Neurochemistry International</i> , <b>2017</b> , 108, 457-471	4.4	34
123	Plant-Based and Plant-Rich Diet Patterns during Gestation: Beneficial Effects and Possible Shortcomings. <i>Advances in Nutrition</i> , <b>2015</b> , 6, 581-91	10	33
122	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> , <b>2017</b> , 18,	6.3	33
121	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> , <b>2021</b> , 86, 153170	6.5	32
120	Therapeutic and preventive properties of honey and its bioactive compounds in cancer: an evidence-based review. <i>Nutrition Research Reviews</i> , <b>2020</b> , 33, 50-76	7	31
119	Targeting Glioblastoma with the Use of Phytocompounds and Nanoparticles. <i>Targeted Oncology</i> , <b>2016</b> , 11, 1-16	5	29
118	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> , <b>2020</b> , 325, 126881	8.5	29
117	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> , <b>2018</b> , 9, 2158-2170	6.1	29
116	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> , <b>2018</b> , 52, 36-44	6.3	28
115	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> , <b>2017</b> , 8, 3250-3258	6.1	28
114	Isolation of strawberry anthocyanin-rich fractions and their mechanisms of action against murine breast cancer cell lines. <i>Food and Function</i> , <b>2019</b> , 10, 7103-7120	6.1	28
113	Are by-products from beeswax recycling process a new promising source of bioactive compounds with biomedical properties?. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 112, 126-133	4.7	27
112	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> , <b>2017</b> , 19,	6.3	27
111	Non-Nutrient, Naturally Occurring Phenolic Compounds with Antioxidant Activity for the Prevention and Treatment of Periodontal Diseases. <i>Antioxidants</i> , <b>2015</b> , 4, 447-81	7.1	27
110	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> , <b>2019</b> , 57, 439-452	5.1	26
109	An anthocyanin rich strawberry extract induces apoptosis and ROS while decreases glycolysis and fibrosis in human uterine leiomyoma cells. <i>Oncotarget</i> , <b>2017</b> , 8, 23575-23587	3.3	26

108	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> , <b>2018</b> , 119, 73-85	4.7	26
107	Breeding Strawberry for Higher Phytochemicals Content and Claim It: Is It Possible?. <i>International Journal of Fruit Science</i> , <b>2016</b> , 16, 194-206	1.2	25
106	Comparison of the Antimicrobial Activities of Four Honeyes From Three Countries (New Zealand, Cuba, and Kenya). <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1378	5.7	25
105	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. <i>Molecules</i> , <b>2018</b> , 23,	4.8	25
104	The effects of pre-harvest and post-harvest factors on the nutritional quality of strawberry fruits: A review. <i>Journal of Berry Research</i> , <b>2014</b> , 4, 1-10	2	25
103	Beyond the 3Rs: Expanding the use of human-relevant replacement methods in biomedical research. <i>ALTEX: Alternatives To Animal Experimentation</i> , <b>2019</b> , 36, 343-352	4.3	25
102	Strawberry tree honey as a new potential functional food. Part 2: Strawberry tree honey increases ROS generation by suppressing Nrf2-ARE and NF- $\kappa$ B-signaling pathways and decreases metabolic phenotypes and metastatic activity in colon cancer cells. <i>Journal of Functional Foods</i> , <b>2019</b> , 57, 477-487	5.1	24
101	Metformin and caloric restriction induce an AMPK-dependent restoration of mitochondrial dysfunction in fibroblasts from Fibromyalgia patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 1257-67	6.9	24
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> , <b>2018</b> , 8, 223-236	2	24
99	Effects of an acute strawberry ( <i>Fragaria lananassa</i> ) consumption on the plasma antioxidant status of healthy subjects. <i>Journal of Berry Research</i> , <b>2013</b> , 3, 169-179	2	24
98	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> , <b>2018</b> , 45, 155-164	5.1	22
97	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. <i>Antioxidants</i> , <b>2015</b> , 4, 322-44	7.1	21
96	Eucalyptus honey: Quality parameters, chemical composition and health-promoting properties. <i>Food Chemistry</i> , <b>2020</b> , 325, 126870	8.5	19
95	The Influence of In Vitro Gastrointestinal Digestion on the Anticancer Activity of Manuka Honey. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	18
94	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> , <b>2018</b> , 57, 382-394	2	18
93	Strawberry ( <i>Fragaria lananassa</i> cv. Romina) methanolic extract promotes browning in 3T3-L1 cells. <i>Food and Function</i> , <b>2020</b> , 11, 297-304	6.1	18
92	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> , <b>2019</b> , 8,	7.1	17
91	Consequences of cathepsin C inactivation for membrane exposure of proteinase 3, the target antigen in autoimmune vasculitis. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 12415-12428	5.4	17

90	Andean berries from Ecuador: A review on Botany, Agronomy, Chemistry and Health Potential. <i>Journal of Berry Research</i> , <b>2015</b> , 5, 49-69	2	17
89	Targeting epigenetics in cancer: therapeutic potential of flavonoids. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 61, 1616-1639	11.5	17
88	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> , <b>2020</b> , 33, 860-881	8.4	16
87	Protective Effect of Strawberry Extract against Inflammatory Stress Induced in Human Dermal Fibroblasts. <i>Molecules</i> , <b>2017</b> , 22,	4.8	15
86	Sensorial and nutritional quality of inter and intraspecific strawberry genotypes selected in resilient conditions. <i>Scientia Horticulturae</i> , <b>2020</b> , 261, 108945	4.1	15
85	Romina: A powerful strawberry with in vitro efficacy against uterine leiomyoma cells. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 7622-7633	7	15
84	Guava (Psidium guajava L. cv. Red Suprema) Crude Extract Protect Human Dermal Fibroblasts against Cytotoxic Damage Mediated by Oxidative Stress. <i>Plant Foods for Human Nutrition</i> , <b>2018</b> , 73, 18-24	3.9	14
83	Autophagic dysfunction in patients with Papillon-Lefevre syndrome is restored by recombinant cathepsin C treatment. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 1131-1143.e7	11.5	14
82	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> , <b>2017</b> , 9,	6.7	14
81	The Effect of Dietary Polyphenols on Vascular Health and Hypertension: Current Evidence and Mechanisms of Action.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	14
80	Physico-chemical characteristics of thermally processed pure from different strawberry genotypes. <i>Journal of Food Composition and Analysis</i> , <b>2015</b> , 43, 106-118	4.1	13
79	A Pilot Study of the Photoprotective Effects of Strawberry-Based Cosmetic Formulations on Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 17870-84	6.3	13
78	A Human-Based Integrated Framework for Alzheimer's Disease Research. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 47, 857-68	4.3	13
77	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> , <b>2019</b> , 74, 350-357	3.9	12
76	A Systematic Review on the Implication of Minerals in the Onset, Severity and Treatment of Periodontal Disease. <i>Molecules</i> , <b>2016</b> , 21,	4.8	12
75	Transthyretin Upregulates Long Non-Coding RNA MEG3 by Affecting PABPC1 in Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	12
74	Effects of phytochemicals on thyroid function and their possible role in thyroid disease. <i>Annals of the New York Academy of Sciences</i> , <b>2019</b> , 1443, 3-19	6.5	12
73	Phytochemical Composition and Cytotoxic Effects on Liver Hepatocellular Carcinoma Cells of Different Berries Following a Simulated In Vitro Gastrointestinal Digestion. <i>Molecules</i> , <b>2018</b> , 23,	4.8	11



72	Sunflower Oil but Not Fish Oil Resembles Positive Effects of Virgin Olive Oil on Aged Pancreas after Life-Long Coenzyme Q Addition. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 23425-45	6.3	11
71	Bee Products: An Emblematic Example of Underutilized Sources of Bioactive Compounds.. <i>Journal of Agricultural and Food Chemistry</i> , <b>2022</b> ,	5.7	11
70	The Use of Neuroimaging to Assess Associations Among Diet, Nutrients, Metabolic Syndrome, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 48, 303-18	4.3	10
69	Autophagy, One of the Main Steps in Periodontitis Pathogenesis and Evolution. <i>Molecules</i> , <b>2020</b> , 25,	4.8	10
68	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> , <b>2016</b> , 17,	6.3	10
67	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> , <b>2017</b> , 106, 616-623	4.7	9
66	Role of environmental chemicals, processed food derivatives, and nutrients in the induction of carcinogenesis. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 2337-52	4.4	9
65	Links between Nutrition, Infectious Diseases, and Microbiota: Emerging Technologies and Opportunities for Human-Focused Research. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	9
64	Isolation and expansion of regionally defined human glioblastoma cells in vitro. <i>Current Protocols in Stem Cell Biology</i> , <b>2011</b> , Chapter 3, Unit 3.4	2.8	9
63	Influence of the extraction method on the recovery of bioactive phenolic compounds from food industry by-products.. <i>Food Chemistry</i> , <b>2021</b> , 378, 131918	8.5	9
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