

# Francesca Giampieri

## List of Publications by Year in descending order

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208  
papers

18,457  
citations

28190

55  
h-index

14156

128  
g-index

211  
all docs

211  
docs citations

211  
times ranked

27792  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Natural products in drug discovery: advances and opportunities. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 200-216.	21.5	1,990
3	The strawberry: Composition, nutritional quality, and impact on human health. <i>Nutrition</i> , 2012, 28, 9-19.	1.1	695
4	Role of gut microbiota and nutrients in amyloid formation and pathogenesis of Alzheimer disease. <i>Nutrition Reviews</i> , 2016, 74, 624-634.	2.6	401
5	Phenolic Compounds in Honey and Their Associated Health Benefits: A Review. <i>Molecules</i> , 2018, 23, 2322.	1.7	380
6	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> , 2010, 48, 2490-2499.	1.8	341
7	Flavonoid biosynthetic pathways in plants: Versatile targets for metabolic engineering. <i>Biotechnology Advances</i> , 2020, 38, 107316.	6.0	307
8	One-month strawberry-rich anthocyanin supplementation ameliorates cardiovascular risk, oxidative stress markers and platelet activation in humans. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 289-294.	1.9	286
9	The Composition and Biological Activity of Honey: A Focus on Manuka Honey. <i>Foods</i> , 2014, 3, 420-432.	1.9	267
10	Strawberry and Human Health: Effects beyond Antioxidant Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3867-3876.	2.4	265
11	Intratumoral Hypoxic Gradient Drives Stem Cells Distribution and MGMT Expression in Glioblastoma. <i>Stem Cells</i> , 2010, 28, 851-862.	1.4	262
12	Strawberry as a health promoter: an evidence based review. <i>Food and Function</i> , 2015, 6, 1386-1398.	2.1	255
13	Honey as a Source of Dietary Antioxidants: Structures, Bioavailability and Evidence of Protective Effects Against Human Chronic Diseases. <i>Current Medicinal Chemistry</i> , 2013, 20, 621-638.	1.2	210
14	Promising Health Benefits of the Strawberry: A Focus on Clinical Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4435-4449.	2.4	189
15	The effects of bioactive compounds from plant foods on mitochondrial function: A focus on apoptotic mechanisms. <i>Food and Chemical Toxicology</i> , 2014, 68, 154-182.	1.8	171
16	Strawberry Polyphenols Attenuate Ethanol-Induced Gastric Lesions in Rats by Activation of Antioxidant Enzymes and Attenuation of MDA Increase. <i>PLoS ONE</i> , 2011, 6, e25878.	1.1	166
17	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.	3.1	156
18	Advances on Natural Polyphenols as Anticancer Agents for Skin Cancer. <i>Pharmacological Research</i> , 2020, 151, 104584.	3.1	155

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19	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.	1.8	150
20	Nrf2 as regulator of innate immunity: A molecular Swiss army knife!. <i>Biotechnology Advances</i> , 2018, 36, 358-370.	6.0	137
21	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage. <i>Food and Chemical Toxicology</i> , 2012, 50, 1508-1516.	1.8	134
22	Interaction of Hypoxia-Inducible Factor-1 $\alpha$ and Notch Signaling Regulates Medulloblastoma Precursor Proliferation and Fate. <i>Stem Cells</i> , 2010, 28, 1918-1929.	1.4	133
23	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> , 2016, 25, 38-49.	1.6	132
24	Chemopreventive and Therapeutic Effects of Edible Berries: A Focus on Colon Cancer Prevention and Treatment. <i>Molecules</i> , 2016, 21, 169.	1.7	130
25	The Healthy Effects of Strawberry Polyphenols: Which Strategy behind Antioxidant Capacity?. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, S46-S59.	5.4	129
26	The use of plant-derived bioactive compounds to target cancer stem cells and modulate tumor microenvironment. <i>Food and Chemical Toxicology</i> , 2015, 75, 58-70.	1.8	128
27	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.	5.4	126
28	The genetic aspects of berries: from field to health. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 365-371.	1.7	124
29	Strawberry-Derived Exosome-Like Nanoparticles Prevent Oxidative Stress in Human Mesenchymal Stromal Cells. <i>Biomolecules</i> , 2021, 11, 87.	1.8	113
30	Dietary phytochemicals in colorectal cancer prevention and treatment: A focus on the molecular mechanisms involved. <i>Biotechnology Advances</i> , 2020, 38, 107322.	6.0	112
31	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> , 2014, 5, 1939.	2.1	105
32	Influence of the extraction method on the recovery of bioactive phenolic compounds from food industry by-products. <i>Food Chemistry</i> , 2022, 378, 131918.	4.2	103
33	<i>Apis mellifera</i> vs <i>Melipona beecheii</i> Cuban polyfloral honeys: A comparison based on their physicochemical parameters, chemical composition and biological properties. <i>LWT - Food Science and Technology</i> , 2018, 87, 272-279.	2.5	101
34	Hypoxia and HIF1 $\alpha$ Repress the Differentiative Effects of BMPs in High-Grade Glioma. <i>Stem Cells</i> , 2009, 27, 7-17.	1.4	100
35	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.	4.2	98
36	Autophagy in Human Health and Disease: Novel Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 577-634.	2.5	96

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37	Photoprotective Potential of Strawberry ( <i>Fragaria</i> — <i>ananassa</i> ) Extract against UV-A Irradiation Damage on Human Fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2322-2327.	2.4	94
38	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.	2.4	93
39	Polyphenol-Rich Strawberry Extract Protects Human Dermal Fibroblasts against Hydrogen Peroxide Oxidative Damage and Improves Mitochondrial Functionality. <i>Molecules</i> , 2014, 19, 7798-7816.	1.7	87
40	Potential Health Benefit of Garlic Based on Human Intervention Studies: A Brief Overview. <i>Antioxidants</i> , 2020, 9, 619.	2.2	84
41	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.	1.8	81
42	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.	1.6	78
43	The Three-Layer Concentric Model of Glioblastoma: Cancer Stem Cells, Microenvironmental Regulation, and Therapeutic Implications. <i>Scientific World Journal</i> , The, 2011, 11, 1829-1841.	0.8	74
44	Lipid Accumulation in HepG2 Cells Is Attenuated by Strawberry Extract through AMPK Activation. <i>Nutrients</i> , 2017, 9, 621.	1.7	74
45	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, 865-889.	1.0	74
46	The potential impact of strawberry on human health. <i>Natural Product Research</i> , 2013, 27, 448-455.	1.0	73
47	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, 2305.	1.8	73
48	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, 613.	1.8	71
49	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.	2.1	68
50	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.	2.1	67
51	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.	1.3	67
52	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.	1.8	67
53	Adenosine Monophosphate (AMP)-Activated Protein Kinase: A New Target for Nutraceutical Compounds. <i>International Journal of Molecular Sciences</i> , 2017, 18, 288.	1.8	64
54	Bee Products: An Emblematic Example of Underutilized Sources of Bioactive Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 6833-6848.	2.4	62

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55	Coenzyme Q and Its Role in the Dietary Therapy against Aging. <i>Molecules</i> , 2016, 21, 373.	1.7	60
56	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.	0.7	60
57	Targeting molecular pathways in cancer stem cells by natural bioactive compounds. <i>Pharmacological Research</i> , 2018, 135, 150-165.	3.1	60
58	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.	2.3	60
59	The Effect of Dietary Polyphenols on Vascular Health and Hypertension: Current Evidence and Mechanisms of Action. <i>Nutrients</i> , 2022, 14, 545.	1.7	58
60	Alzheimer disease research in the 21st century: past and current failures, new perspectives and funding priorities. <i>Oncotarget</i> , 2016, 7, 38999-39016.	0.8	56
61	Strawberry Achenes Are an Important Source of Bioactive Compounds for Human Health. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1103.	1.8	55
62	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> , 2022, 375, 131904.	4.2	55
63	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.	1.8	54
64	Associations between Sleep, Cortisol Regulation, and Diet: Possible Implications for the Risk of Alzheimer Disease. <i>Advances in Nutrition</i> , 2016, 7, 679-689.	2.9	52
65	The use of natural compounds for the targeting and chemoprevention of ovarian cancer. <i>Cancer Letters</i> , 2017, 411, 191-200.	3.2	52
66	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.	1.9	51
67	Eucalyptus honey: Quality parameters, chemical composition and health-promoting properties. <i>Food Chemistry</i> , 2020, 325, 126870.	4.2	51
68	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.	4.2	51
69	Strawberry-Based Cosmetic Formulations Protect Human Dermal Fibroblasts against UVA-Induced Damage. <i>Nutrients</i> , 2017, 9, 605.	1.7	50
70	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.	1.8	50
71	Plant-Based and Plant-Rich Diet Patterns during Gestation: Beneficial Effects and Possible Shortcomings. <i>Advances in Nutrition</i> , 2015, 6, 581-591.	2.9	49
72	Lipophilic antioxidants prevent lipopolysaccharide-induced mitochondrial dysfunction through mitochondrial biogenesis improvement. <i>Pharmacological Research</i> , 2015, 91, 1-8.	3.1	49

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73	Beyond the 3Rs: Expanding the use of human-relevant replacement methods in biomedical research. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 343-352.	0.9	49
74	Strawberry intake increases blood fluid, erythrocyte and mononuclear cell defenses against oxidative challenge. Food Chemistry, 2014, 156, 87-93.	4.2	48
75	Isolation of strawberry anthocyanin-rich fractions and their mechanisms of action against murine breast cancer cell lines. Food and Function, 2019, 10, 7103-7120.	2.1	48
76	Hypoxia and succinate antagonize 2-deoxyglucose effects on glioblastoma. Biochemical Pharmacology, 2010, 80, 1517-1527.	2.0	47
77	Role of plant-based diets in the prevention and regression of metabolic syndrome and neurodegenerative diseases. Trends in Food Science and Technology, 2014, 40, 62-81.	7.8	47
78	Doxorubicin-Induced Oxidative Stress in Rats Is Efficiently Counteracted by Dietary Anthocyanin Differently Enriched Strawberry ( <i>Fragaria</i> — <i>Ananassa</i> Duch.). Journal of Agricultural and Food Chemistry, 2014, 62, 3935-3943.	2.4	46
79	The healthy effects of strawberry bioactive compounds on molecular pathways related to chronic diseases. Annals of the New York Academy of Sciences, 2017, 1398, 62-71.	1.8	46
80	Comparison of the Antimicrobial Activities of Four Honeys From Three Countries (New Zealand, Cuba,) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.9	46
81	Molecular Mechanisms of HIF-1 $\alpha$ Modulation Induced by Oxygen Tension and BMP2 in Glioblastoma Derived Cells. PLoS ONE, 2009, 4, e6206.	1.1	45
82	Radical-scavenging Activity, Protective Effect Against Lipid Peroxidation and Mineral Contents of Monofloral Cuban Honeys. Plant Foods for Human Nutrition, 2012, 67, 31-38.	1.4	45
83	Strawberry (cv. Romina) Methanolic Extract and Anthocyanin-Enriched Fraction Improve Lipid Profile and Antioxidant Status in HepG2 Cells. International Journal of Molecular Sciences, 2017, 18, 1149.	1.8	45
84	Strawberry consumption alleviates doxorubicin-induced toxicity by suppressing oxidative stress. Food and Chemical Toxicology, 2016, 94, 128-137.	1.8	44
85	Anti-inflammatory effect of Capuli cherry against LPS-induced cytotoxic damage in RAW 264.7 macrophages. Food and Chemical Toxicology, 2017, 102, 46-52.	1.8	44
86	Nrf2 pathway activation upon rotenone treatment in human iPSC-derived neural stem cells undergoing differentiation towards neurons and astrocytes. Neurochemistry International, 2017, 108, 457-471.	1.9	44
87	Nutraceuticals in Periodontal Health: A Systematic Review on the Role of Vitamins in Periodontal Health Maintenance. Molecules, 2018, 23, 1226.	1.7	44
88	Breeding Strawberry for Higher Phytochemicals Content and Claim It: Is It Possible?. International Journal of Fruit Science, 2016, 16, 194-206.	1.2	43
89	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. Food and Function, 2018, 9, 2158-2170.	2.1	39
90	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. Journal of Nutritional Biochemistry, 2018, 52, 36-44.	1.9	39

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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.	1.8	38
92	Targeting epigenetics in cancer: therapeutic potential of flavonoids. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1616-1639.	5.4	38
93	Strawberry ( <i>Fragaria</i> — <i>Ananassa</i> 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.	4.2	37
94	Targeting Glioblastoma with the Use of Phytochemicals and Nanoparticles. <i>Targeted Oncology</i> , 2016, 11, 1-16.	1.7	36
95	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.	2.1	36
96	Physicochemical parameters, chemical composition, antioxidant capacity, microbial contamination and antimicrobial activity of <i>Eucalyptus</i> honey from the Andean region of Ecuador. <i>Journal of Apicultural Research</i> , 2018, 57, 382-394.	0.7	36
97	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.	1.8	36
98	The effects of pre-harvest and post-harvest factors on the nutritional quality of strawberry fruits: A review. <i>Journal of Berry Research</i> , 2014, 4, 1-10.	0.7	35
99	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.	1.6	35
100	Andean berries from Ecuador: A review on Botany, Agronomy, Chemistry and Health Potential. <i>Journal of Berry Research</i> , 2015, 5, 49-69.	0.7	34
101	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> , 2018, 19, 45.	1.8	34
102	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> , 2015, 1852, 1257-1267.	1.8	33
103	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.	0.8	33
104	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.	0.7	32
105	The Influence of In Vitro Gastrointestinal Digestion on the Anticancer Activity of Manuka Honey. <i>Antioxidants</i> , 2020, 9, 64.	2.2	32
106	Non-Nutrient, Naturally Occurring Phenolic Compounds with Antioxidant Activity for the Prevention and Treatment of Periodontal Diseases. <i>Antioxidants</i> , 2015, 4, 447-481.	2.2	31
107	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, 387.	2.2	30
108	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.	3.7	30

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109	Effects of an acute strawberry ( <i>Fragaria × ananassa</i> ) consumption on the plasma antioxidant status of healthy subjects. <i>Journal of Berry Research</i> , 2013, 3, 169-179.	0.7	29
110	Oxidative Stress and Dietary Fat Type in Relation to Periodontal Disease. <i>Antioxidants</i> , 2015, 4, 322-344.	2.2	29
111	Strawberry ( <i>Fragaria × ananassa</i> cv. Romina) methanolic extract promotes browning in 3T3-L1 cells. <i>Food and Function</i> , 2020, 11, 297-304.	2.1	29
112	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> , 2019, 57, 477-487.	1.6	28
113	Nutritional Value and Preventive Role of <i>Nigella sativa</i> L. and Its Main Component Thymoquinone in Cancer: An Evidenced-Based Review of Preclinical and Clinical Studies. <i>Molecules</i> , 2021, 26, 2108.	1.7	28
114	Organic vs conventional plant-based foods: A review. <i>Food Chemistry</i> , 2022, 383, 132352.	4.2	28
115	Recent advances on bioactive polysaccharides from mulberry. <i>Food and Function</i> , 2021, 12, 5219-5235.	2.1	27
116	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, 1202.	1.8	26
117	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.	1.6	26
118	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.	2.5	26
119	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.	1.4	25
120	An oleuropein rich-olive ( <i>Olea europaea</i> L.) leaf extract reduces $\beta$ -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.	1.8	25
121	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.	1.6	24
122	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.	1.5	24
123	Autophagy, One of the Main Steps in Periodontitis Pathogenesis and Evolution. <i>Molecules</i> , 2020, 25, 4338.	1.7	24
124	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.	2.9	24
125	An Olive-Derived Extract 20% Rich in Hydroxytyrosol Prevents $\beta$ -Amyloid Aggregation and Oxidative Stress, Two Features of Alzheimer Disease, via SKN-1/NRF2 and HSP-16.2 in <i>Caenorhabditis elegans</i> . <i>Antioxidants</i> , 2022, 11, 629.	2.2	24
126	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.	4.3	23



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127	Phages and Enzybiotics in Food Biopreservation. <i>Molecules</i> , 2021, 26, 5138.	1.7	23
128	Alcohol Consumption, Bone Mineral Density, and Risk of Osteoporotic Fractures: A Dose-Response Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1515.	1.2	23
129	Romina: A powerful strawberry with in vitro efficacy against uterine leiomyoma cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 7622-7633.	2.0	22
130	Sensorial and nutritional quality of inter and intra-specific strawberry genotypes selected in resilient conditions. <i>Scientia Horticulturae</i> , 2020, 261, 108945.	1.7	22
131	A Systematic Review on the Implication of Minerals in the Onset, Severity and Treatment of Periodontal Disease. <i>Molecules</i> , 2016, 21, 1183.	1.7	21
132	Transthyretin Upregulates Long Non-Coding RNA MEG3 by Affecting PABPC1 in Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6313.	1.8	21
133	Age-Related Loss in Bone Mineral Density of Rats Fed Lifelong on a Fish Oil-Based Diet Is Avoided by Coenzyme Q10 Addition. <i>Nutrients</i> , 2017, 9, 176.	1.7	20
134	Links between Nutrition, Infectious Diseases, and Microbiota: Emerging Technologies and Opportunities for Human-Focused Research. <i>Nutrients</i> , 2020, 12, 1827.	1.7	20
135	Ultra-Small Iron Nanoparticles Target Mitochondria Inducing Autophagy, Acting on Mitochondrial DNA and Reducing Respiration. <i>Pharmaceutics</i> , 2021, 13, 90.	2.0	20
136	A Pilot Study of the Photoprotective Effects of Strawberry-Based Cosmetic Formulations on Human Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17870-17884.	1.8	19
137	Protective Effect of Strawberry Extract against Inflammatory Stress Induced in Human Dermal Fibroblasts. <i>Molecules</i> , 2017, 22, 164.	1.7	19
138	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.	1.8	19
139	Nutraceutical Compounds Targeting Inflammasomes in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4829.	1.8	18
140	Nutrition and Rheumatoid Arthritis in the "Omics" Era. <i>Nutrients</i> , 2021, 13, 763.	1.7	18
141	Strawberry tree honey in combination with 5-fluorouracil enhances chemosensitivity in human colon adenocarcinoma cells. <i>Food and Chemical Toxicology</i> , 2021, 156, 112484.	1.8	18
142	Computational modeling predicts potential effects of the herbal infusion "echorhata" against COVID-19. <i>Food Chemistry</i> , 2022, 366, 130589.	4.2	18
143	The efficacy of berries against lipopolysaccharide-induced inflammation: A review. <i>Trends in Food Science and Technology</i> , 2021, 117, 74-91.	7.8	18
144	Effect of <i>In vitro</i> Gastrointestinal Digestion on the Bioaccessibility of Phenolic Compounds and Antioxidant Activity of Manuka Honey. <i>EFood</i> , 2020, 1, 85-93.	1.7	18

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