

Polyphenols, food and pharma. Current knowledge and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Oleuropein, the Main Polyphenol of <i>Olea europaea</i> Leaf Extract, Has an Anti-Cancer Effect on Human BRAF Melanoma Cells and Potentiates the Cytotoxicity of Current Chemotherapies. <i>Nutrients</i> , 2018, 10, 1950.	4.1	79
2	Use of Nutraceuticals in Angiogenesis-Dependent Disorders. <i>Molecules</i> , 2018, 23, 2676.	3.8	16
3	Bioactive Compounds of Cooked Tomato Sauce Modulate Oxidative Stress and Arachidonic Acid Cascade Induced by Oxidized LDL in Macrophage Cultures. <i>Nutrients</i> , 2019, 11, 1880.	4.1	20
4	Functional properties of Cornelian cherry (<i>Cornus mas</i> L.): a comprehensive review. <i>European Food Research and Technology</i> , 2019, 245, 2071-2087.	3.3	64
5	Phytochemical composition and the cholinesterase and xanthine oxidase inhibitory properties of seed extracts from the <i>Washingtonia filifera</i> palm fruit. <i>RSC Advances</i> , 2019, 9, 21278-21287.	3.6	19
6	A Review of the Science of Colorful, Plant-Based Food and Practical Strategies for "Eating the Rainbow" <i>Journal of Nutrition and Metabolism</i> , 2019, 2019, 1-19.	1.8	45
7	Free Marine Natural Products Databases for Biotechnology and Bioengineering. <i>Biotechnology Journal</i> , 2019, 14, e1800607.	3.5	19
8	The Sex"Gender Effects in the Road to Tailored Botanicals. <i>Nutrients</i> , 2019, 11, 1637.	4.1	17
9	Combinations of the antioxidants sulforaphane or curcumin and the conventional antineoplastics cisplatin or doxorubicin as prospects for anticancer chemotherapy. <i>European Journal of Pharmacology</i> , 2019, 859, 172513.	3.5	49
10	Hypoglycemic, Antiglycation, and Cytoprotective Properties of a Phenol-Rich Extract From Waste Peel of <i>Punica granatum</i> L. var. Dente di Cavallo DC2. <i>Molecules</i> , 2019, 24, 3103.	3.8	24
11	Red Wine Grape Pomace Attenuates Atherosclerosis and Myocardial Damage and Increases Survival in Association with Improved Plasma Antioxidant Activity in a Murine Model of Lethal Ischemic Heart Disease. <i>Nutrients</i> , 2019, 11, 2135.	4.1	30
12	Metabolomics and proteomics as tools to advance the understanding of exercise responses: The emerging role of gut microbiota in athlete health and performance. , 2019, , 433-459.		1
13	Extra Virgin Olive Oil Minor Compounds Modulate Mitogenic Action of Oleic Acid on Colon Cancer Cell Line. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11420-11427.	5.2	30
14	<i>In Vivo</i> Anti-inflammatory and Antiallergic Activity of Pure Naringenin, Naringenin Chalcone, and Quercetin in Mice. <i>Journal of Natural Products</i> , 2019, 82, 177-182.	3.0	56
15	Polyphenol Health Effects on Cardiovascular and Neurodegenerative Disorders: A Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 351.	4.1	177
16	Antioxidant and Anti-Inflammatory Activities of Buffalo Milk Î-Valerobetaine. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1702-1710.	5.2	30
17	Impact of heat treatment and acid gelation on polyphenol enriched milk samples. <i>LWT - Food Science and Technology</i> , 2019, 113, 108282.	5.2	9
18	Regulation of Toll-Like Receptor (TLR) Signaling Pathway by Polyphenols in the Treatment of Age-Linked Neurodegenerative Diseases: Focus on TLR4 Signaling. <i>Frontiers in Immunology</i> , 2019, 10, 1000.	4.8	153

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19	Effects of chia (<i>Salvia hispanica</i> L.) on oxidative stress and inflammation in ovariectomized adult female <i>Wistar</i> rats. <i>Food and Function</i> , 2019, 10, 4036-4045.	4.6	17
20	Microencapsulation of <i>Elsholtzia ciliata</i> Herb Ethanolic Extract by Spray-Drying: Impact of Resistant-Maltodextrin Complemented with Sodium Caseinate, Skim Milk, and Beta-Cyclodextrin on the Quality of Spray-Dried Powders. <i>Molecules</i> , 2019, 24, 1461.	3.8	22
21	Grape seed proanthocyanidin extract alleviates high-fat diet induced testicular toxicity in rats. <i>RSC Advances</i> , 2019, 9, 11842-11850.	3.6	20
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25	Design and optimization of resveratrol-loaded porous calcium silicate powders for dissolution and photostability enhancement. <i>Heliyon</i> , 2019, 5, e01399.	3.2	4
26	Enriching novel dark chocolate with <i>Bacillus coagulans</i> as a way to provide beneficial nutrients. <i>Food and Function</i> , 2019, 10, 997-1006.	4.6	22
27	Associations between Dietary Polyphenols and Type 2 Diabetes in a Cross-Sectional Analysis of the PREDIMED-Plus Trial: Role of Body Mass Index and Sex. <i>Antioxidants</i> , 2019, 8, 537.	5.1	31
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32	Recent advances in the preparation, structural characteristics, biological properties and applications of gallic acid grafted polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1539-1555.	7.5	33
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34	Dietary Polyphenols and Human Health. <i>Nutrients</i> , 2020, 12, 2893.	4.1	7
35	Evaluation of Polyphenol Content and Antioxidant Capacity of Aqueous Extracts from Eight Medicinal Plants from Reunion Island: Protection against Oxidative Stress in Red Blood Cells and Preadipocytes. <i>Antioxidants</i> , 2020, 9, 959.	5.1	17
36	Dietary antioxidants, epigenetics, and brain aging: A focus on resveratrol. , 2020, , 343-357.		2

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38	Bioactive Compounds of Mediterranean Cooked Tomato Sauce (Sofrito) Modulate Intestinal Epithelial Cancer Cell Growth Through Oxidative Stress/Arachidonic Acid Cascade Regulation. <i>ACS Omega</i> , 2020, 5, 17071-17077.	3.5	19
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40	<p>Effects of Hydroxytyrosol on Expression of Apoptotic Genes and Activity of Antioxidant Enzymes in LS180 Cells</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 7913-7919.	1.9	13
41	Effect of lemon peel flavonoids on UVB-induced skin damage in mice. <i>RSC Advances</i> , 2020, 10, 31470-31478.	3.6	9
42	Effect of Drying Methods on Bioactive Compounds and Antioxidant Capacity in Grape Skin Residues from the New Hybrid Variety 'BRS Magna'. <i>Molecules</i> , 2020, 25, 3701.	3.8	11
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45	Interactions between bioactive components determine antioxidant, cytotoxic and nutrigenomic activity of cocoa powder extract. <i>Free Radical Biology and Medicine</i> , 2020, 154, 48-61.	2.9	16
46	Low-Molecular-Weight Phenols Recovery by Eco-Friendly Extraction from <i>Quercus</i> Spp. Wastes: An Analytical and Biomass-Sustainability Evaluation. <i>Processes</i> , 2020, 8, 387.	2.8	9
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51	Fermented blueberry pomace ameliorates intestinal barrier function through the NF- κ B-MLCK signaling pathway in high-fat diet mice. <i>Food and Function</i> , 2020, 11, 3167-3179.	4.6	34
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54	Polyphenols from Food and Natural Products: Neuroprotection and Safety. <i>Antioxidants</i> , 2020, 9, 61.	5.1	167

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55	Alleviation of Multidrug Resistance by Flavonoid and Non-Flavonoid Compounds in Breast, Lung, Colorectal and Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 401.	4.1	48
56	Can Medicinal Plants and Bioactive Compounds Combat Lipid Peroxidation Product 4-HNE-Induced Deleterious Effects?. <i>Biomolecules</i> , 2020, 10, 146.	4.0	5
57	Pleiotropic Biological Effects of Dietary Phenolic Compounds and their Metabolites on Energy Metabolism, Inflammation and Aging. <i>Molecules</i> , 2020, 25, 596.	3.8	26
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60	From untargeted metabolomics to the multiple reaction monitoring-based quantification of polyphenols in chocolates from different geographical areas. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4651.	1.6	15
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74	Dual Effect of Taxifolin on ZEB2 Cancer Signaling in HepG2 Cells. <i>Molecules</i> , 2021, 26, 1476.	3.8	9
75	Techniques and modeling of polyphenol extraction from food: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 3409-3443.	16.2	107
76	Toxicological Evaluation of Piceatannol, Pterostilbene, and $\hat{\mu}$ -Viniferin for Their Potential Use in the Food Industry: A Review. <i>Foods</i> , 2021, 10, 592.	4.3	14
77	The Role of High-Resolution Analytical Techniques in the Development of Functional Foods. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3220.	4.1	7
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80	Bioactivity, bioavailability, and gut microbiota transformations of dietary phenolic compounds: implications for COVID-19. <i>Journal of Nutritional Biochemistry</i> , 2021, 97, 108787.	4.2	37
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85	Supramolecular Gels Incorporating <i>Cordyline terminalis</i> Leaf Extract as a Polyphenol Release Scaffold for Biomedical Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8759.	4.1	3
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92	Protective Effects of Dietary Antioxidants against Vanadium-Induced Toxicity: A Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	44
93	Hazelnuts as Source of Bioactive Compounds and Health Value Underestimated Food. <i>Current Research in Nutrition and Food Science</i> , 2019, 7, 17-28.	0.8	14
94	Advances in the Optimization of Chromatographic Conditions for the Separation of Antioxidants in Functional Foods. <i>Reviews in Separation Sciences</i> , 2019, 1, 17-33.	2.2	11
95	<i>Verbascum sinaiticum</i> : A Rich Source of Antioxidant Phenylethanoid Glycosides. <i>Natural Products Journal</i> , 2020, 10, 158-162.	0.3	3
96	Nanoparticles as Budding Trends in Colon Drug Delivery for the Management of Ulcerative Colitis. <i>Current Nanomedicine</i> , 2020, 10, 225-247.	0.6	5
97	Role of the Encapsulation in Bioavailability of Phenolic Compounds. <i>Antioxidants</i> , 2020, 9, 923.	5.1	151
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100	Polifenoli " med zaÅito nevronov in potencialno toksiÅnostjo. <i>Acta Agriculturae Slovenica</i> , 2020, 115, 377.	0.3	0
101	Influence of Olive Pomace Blending on Antioxidant Activity: Additive, Synergistic, and Antagonistic Effects. <i>Molecules</i> , 2021, 26, 169.	3.8	6
102	Plant Polyphenols and Gut Bacteria: Role in Obesity-Induced Metabolic Endotoxaemia and Inflammation. , 2020, , 221-238.		0
103	Phenolic compounds. , 2022, , 27-53.		5
104	Review of <i>Cocos nucifera</i> L. testa-derived phytonutrients with special reference to phenolics and its potential for encapsulation. <i>Journal of Food Science and Technology</i> , 2023, 60, 1-10.	2.8	3
105	Influence of Phenolic-Food Matrix Interactions on In Vitro Bioaccessibility of Selected Phenolic Compounds and Nutrients Digestibility in Fortified White Bean Paste. <i>Antioxidants</i> , 2021, 10, 1825.	5.1	16
106	Exploring Dihydroflavonolâ€Reductase Reactivity and Selectivity by QM/MMâ€MD Simulations. <i>ChemBioChem</i> , 2022, 23, .	2.6	4
107	Anti-migraine activity of freeze-dried latex obtained from <i>Calotropis gigantea</i> Linn. <i>Environmental Science and Pollution Research</i> , 2022, 29, 27460-27478.	5.3	0
108	Polyphenolic Composition and Antioxidant Activity (ORAC, EPR and Cellular) of Different Extracts of <i>Argyria radiata</i> Vitroplants and Natural Roots. <i>Molecules</i> , 2022, 27, 610.	3.8	12
109	Phytochemical Composition and Antioxidant Activity of <i>Passiflora</i> spp. Germplasm Grown in Ecuador. <i>Plants</i> , 2022, 11, 328.	3.5	17

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110	Evaluation of cytotoxic activity and anticancer potential of indigenous Rosemary (<i>Rosmarinus</i>) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 747 cell line. <i>Romanian Journal of Morphology and Embryology</i> , 2022, 62, 525-535.	0.8	3
111	<i>In Silico</i> , <i>In Vitro</i> , and <i>In Vivo</i> Evaluation of the Developmental Toxicity, Estrogenic Activity, and Mutagenicity of Four Natural Phenolic Flavonoids at Low Exposure Levels. <i>ACS Omega</i> , 2022, 7, 4757-4768.	3.5	9
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113	Adopting a High-Polyphenolic Diet Is Associated with an Improved Glucose Profile: Prospective Analysis within the PREDIMED-Plus Trial. <i>Antioxidants</i> , 2022, 11, 316.	5.1	5
114	Tea polyphenols alleviate the adverse effects of diabetes on oocyte quality. <i>Food and Function</i> , 2022, 13, 5396-5405.	4.6	6
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116	Dry Dosage Forms of Add-Value Bioactive Phenolic Compounds by Supercritical CO ₂ -Assisted Spray-Drying. <i>Molecules</i> , 2022, 27, 2001.	3.8	3
117	UPLC-HRMS Polyphenolic Characterization, Contents and Antioxidant Activity of <i>Zingiber officinale</i> Roscoe rhizomes from Costa Rica. <i>Processes</i> , 2022, 10, 691.	2.8	2
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120	Phenol metabolic fingerprint and selection of intake biomarkers after acute and sustained consumption of red-fleshed apple versus common apple in humans. The AppleCOR study. <i>Food Chemistry</i> , 2022, 384, 132612.	8.2	4
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122	The Effects of <i>Sorbus aucuparia</i> L. Fruit Extracts on Oxidative/Nitrative Modifications of Human Fibrinogen, Impact on Enzymatic Properties of Thrombin, and Hyaluronidase Activity In Vitro. <i>Antioxidants</i> , 2021, 10, 2009.	5.1	3
123	Is Our Natural Food Our Homeostasis? Array of a Thousand Effect-Directed Profiles of 68 Herbs and Spices. <i>Frontiers in Pharmacology</i> , 2021, 12, 755941.	3.5	33
124	Quercetin boosts nitric oxide levels and modulates the activities of arginase, acetylcholinesterase and adenosine deaminase in the <i>corpus cavernosum</i> of cyclosporine-treated rats. <i>Andrologia</i> , 2022, 54, e14404.	2.1	3
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126	Methyl benzoate and cinnamate analogs as modulators of DNA methylation in hepatocellular carcinoma. <i>Chemical Biology and Drug Design</i> , 2022, 100, 245-255.	3.2	1
127	Food-Derived Bioactive Molecules from Mediterranean Diet: Nanotechnological Approaches and Waste Valorization as Strategies to Improve Human Wellness. <i>Polymers</i> , 2022, 14, 1726.	4.5	9

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128	Changes in Phenolic Profiles and Inhibition Potential of Macrophage Foam Cell Formation during Noni (<i>Morinda citrifolia</i> Linn.) Fruit Juice Fermentation. <i>Fermentation</i> , 2022, 8, 201.	3.0	3
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131	Metabolism of Dietary Carbohydrates by Intestinal Bacteria. <i>Food Chemistry, Function and Analysis</i> , 2022, , 18-47.	0.2	1
132	Polyphenols for the Treatment of Ischemic Stroke: New Applications and Insights. <i>Molecules</i> , 2022, 27, 4181.	3.8	3
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135	UHPLC-ESI-QTOF-MS/MS Based Identification, Quantification, and Assessment of <i>in Silico</i> Molecular Interactions of Major Phytochemicals from Bioactive Fractions of <i>Clerodendrum glandulosum</i> Lindl. Leaves. <i>Chemistry and Biodiversity</i> , 2022, 19, .	2.1	3
136	Dehydrated fruits and vegetables using low temperature drying technologies and their application in functional beverages: a review. <i>Drying Technology</i> , 2023, 41, 868-889.	3.1	5
137	BRD9 Inhibition by Natural Polyphenols Targets DNA Damage/Repair and Apoptosis in Human Colon Cancer Cells. <i>Nutrients</i> , 2022, 14, 4317.	4.1	5
138	Grape Pomace Polyphenols as a Source of Compounds for Management of Oxidative Stress and Inflammation—A Possible Alternative for Non-Steroidal Anti-Inflammatory Drugs?. <i>Molecules</i> , 2022, 27, 6826.	3.8	7
139	Characterization, enzymatic and biological properties of a dominant lactic acid bacteria strain of <i>Lactobacillus sakei</i> subsp. <i>sakei</i> isolated from stinky mandarin fish. <i>Food Science and Technology</i> , 0, 43, .	1.7	0
140	The preventive effects of <i>Centaurea maroccana</i> Ball. extract against oxidative stress induced by cisplatin in mice brains: <i>in vitro</i> and <i>in vivo</i> studies. <i>Drug and Chemical Toxicology</i> , 2023, 46, 1162-1175.	2.3	3
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