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The ferric reducing ability of plasma (FRAP) as a measure of "antioxidant power": the FRAP assay

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2263	Simultaneous automated measurement of total 'antioxidant' (reducing) capacity and ascorbic acid concentration. <b>1997</b> , 3, 233-8		30
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2261	The effect of whisky and wine consumption on total phenol content and antioxidant capacity of plasma from healthy volunteers. <b>1998</b> , 52, 733-6		150
2260	Standardization of a spectrophotometric assay for plasma total antioxidant capacity. <i>Analytical Biochemistry</i> , <b>1998</b> , 258, 369-72	3.1	5
2259	Antioxidant power of angiotensin-converting enzyme inhibitors in vitro. <b>1998</b> , 45, 168-9		40
2258	Variability of oxygen radical absorbance capacity (ORAC) in different animal species. <b>1998</b> , 29, 399-408		31
2257	Antioxidant efficacy of phytoestrogens in chemical and biological model systems. <b>1998</b> , 360, 142-8		252
2256	Serum antioxidant capacity is increased by consumption of strawberries, spinach, red wine or vitamin C in elderly women. <b>1998</b> , 128, 2383-90		328
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2254	Abstracts of Communications. <b>1998</b> , 57, 141A-171A		1
2253	Comparison of different analytical methods for assessing total antioxidant capacity of human serum. <b>1998</b> , 44, 1309-1315		624
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2246	Antioxidant status in humans after exposure to hyperbaric oxygen. <b>1999</b> , 428, 83-9		86
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1868	Total antioxidant capacity of bovine spontaneously released and retained placenta. <b>2005</b> , 11, 215-219	15
1867	Total antioxidant capacity assay of human serum using copper(II)-neocuproine as chromogenic oxidant: the CUPRAC method. <b>2005</b> , 39, 949-61	195
1866	Contribution of chlorogenic acids to the iron-reducing activity of coffee beverages. <b>2005</b> , 53, 1399-402	85
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1862	Inhibition of lipid oxidation in cooked beef patties by hydrolyzed potato protein is related to its reducing and radical scavenging ability. <b>2005</b> , 53, 9186-92	219
1861	Biochemical study of leaf browning in minimally processed leaves of lettuce ( <i>Lactuca sativa</i> L. var. <i>acephala</i> ). <b>2005</b> , 53, 9980-4	148
1860	Antioxidant capacity of plasma after red wine intake in human volunteers. <b>2005</b> , 53, 5024-9	42
1859	Physicochemical properties of natural phenolics from grapes and olive oil byproducts and their antioxidant activity in frozen horse mackerel fillets. <b>2006</b> , 54, 366-73	55
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1855	Anthocyanin absorption and antioxidant status in pigs. <b>2006</b> , 54, 7940-6	42
1854	Erythrocyte plasma membrane redox system in human aging. <b>2006</b> , 9, 470-4	107
1853	Procyanidins as antioxidants and tumor cell growth modulators. <b>2006</b> , 54, 2392-7	110



1852	Inhibition of hemoglobin- and iron-promoted oxidation in fish microsomes by natural phenolics. <b>2006</b> , 54, 4417-23	39
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1849	A novel and simple ORAC methodology based on the interaction of Pyrogallol Red with peroxy radicals. <b>2006</b> , 40, 979-85	63
1848	Modified 2,2-azino-bis-3-ethylbenzothiazoline-6-sulfonic acid (abts) method to measure antioxidant capacity of Selected small fruits and comparison to ferric reducing antioxidant power (FRAP) and 2,2'-diphenyl-1-picrylhydrazyl (DPPH) methods. <b>2006</b> , 54, 1151-7	544
1847	Supercritical CO <sub>2</sub> extraction and purification of compounds with antioxidant activity. <b>2006</b> , 54, 2441-69	218
1846	Paradoxical dose- and time-dependent regulation of superoxide dismutase and antioxidant capacity by vitamin E in rat. <b>2006</b> , 365, 153-9	12
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1840	Polyphenolic profiles and antioxidant activities of heartnut ( <i>Juglans ailanthifolia</i> Var. <i>cordiformis</i> ) and Persian walnut ( <i>Juglans regia</i> L.). <b>2006</b> , 54, 8033-40	111
1839	Anthocyanin-rich purple potato flake extract has antioxidant capacity and improves antioxidant potential in rats. <b>2006</b> , 96, 1125-33	75
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1833	In vivo antioxidant activity of procyanidin-rich extracts from grape seed and pine (Pinus maritima) bark in rats. <b>2006</b> , 76, 22-7	28
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1706	Relationship between oxidative stress and essential hypertension. <b>2007</b> , 30, 1159-67	159
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1695	ANTIOXIDANT ACTIVITY IN TOMATO ( <i>LYCOPERSICON ESCULENTUM</i> MILL.) AND BROCCOLI ( <i>BRASSICA OLERACEA</i> VAR. <i>ITALICA</i> L.) CULTIVARS - EFFECTS OF MATURITY AND STORAGE CONDITIONS. <b>2007</b> , 381-386	3
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1691	Quercetin reduces blood pressure in hypertensive subjects. <b>2007</b> , 137, 2405-11	318

1690	Effect of electrical conductivity, fruit pruning, and truss position on quality in greenhouse tomato fruit. <b>2007</b> , 82, 488-494	24
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1683	Quercetin, a flavonoid antioxidant, modulates endothelium-derived nitric oxide bioavailability in diabetic rat aortas. <b>2007</b> , 16, 442-7	71
1682	Higher antioxidant properties of Chungkookjang, a fermented soybean paste, may be due to increased aglycone and malonylglycoside isoflavone during fermentation. <b>2007</b> , 27, 719-727	85
1681	Supplementation with vitamins C and E improves arterial stiffness and endothelial function in essential hypertensive patients. <b>2007</b> , 20, 392-7	153
1680	Assessment of outer hair cell function and blood antioxidant status of rabbits exposed to noise and metal welding fumes. <b>2007</b> , 34, 147-54	6
1679	Radiation-induced cognitive dysfunction and cerebellar oxidative stress in mice: protective effect of alpha-lipoic acid. <b>2007</b> , 177, 7-14	70
1678	Preconditioning with estradiol abolishes its neuroprotection in cerebellar neurons. <b>2007</b> , 352, 966-72	8
1677	Leaf extracellular ascorbate in relation to O(3) tolerance of two soybean cultivars. <b>2007</b> , 150, 355-62	49
1676	The bioactivity of processed garlic ( <i>Allium sativum</i> L.) as shown in vitro and in vivo studies on rats. <b>2007</b> , 45, 1626-33	39
1675	Inhibitory effects of ethyl acetate extract of <i>Teucrium polium</i> on in vitro protein glycooxidation. <b>2007</b> , 45, 2402-11	78
1674	Measuring circulating antioxidants in wild birds. <b>2007</b> , 147, 110-21	133
1673	Erythrocyte susceptibility to oxidative stress and antioxidant status in patients with type 1 diabetes. <b>2007</b> , 77, 427-32	29

1672	Food antioxidant capacity determined by chemical methods may underestimate the physiological antioxidant capacity. <b>2007</b> , 40, 15-21	88
1671	Neither antioxidants nor COX-2 inhibition protect against esophageal inflammation in an experimental model of severe reflux. <b>2007</b> , 142, 20-7	5
1670	Antioxidant constituents in some sweet pepper ( <i>Capsicum annuum</i> L.) genotypes during maturity. <b>2007</b> , 40, 121-129	142
1669	Antioxidant activity of polyphenolic compounds extracted from defatted raw and dry heated <i>Tamarindus indica</i> seed coat. <b>2007</b> , 40, 982-990	85
1668	Antioxidant activities of <i>Sophora subprostrata</i> polysaccharide in immunosuppressed mice. <b>2007</b> , 7, 547-53	38
1667	Relationship between the clinical scoring and demyelination in central nervous system with total antioxidant capacity of plasma during experimental autoimmune encephalomyelitis development in mice. <b>2007</b> , 412, 24-8	25
1666	Mangiferin protects against 1-methyl-4-phenylpyridinium toxicity mediated by oxidative stress in N2A cells. <b>2007</b> , 418, 159-64	47
1665	Effects of high pressure processing on antioxidant activity, and total carotenoid content and availability, in vegetables. <b>2007</b> , 8, 543-548	147
1664	<i>Cyperus rotundus</i> suppresses AGE formation and protein oxidation in a model of fructose-mediated protein glycoxidation. <b>2007</b> , 41, 572-8	78
1663	Microwave-assisted isolation of essential oil of <i>Cinnamomum iners</i> Reinw. ex Bl.: comparison with conventional hydrodistillation. <b>2007</b> , 12, 868-77	27
1662	Correlation Between Antioxidation and the Content of Total Phenolics and Anthocyanin in Black Soybean Accessions. <b>2007</b> , 6, 150-158	15
1661	Effect of heat treatment on the phenolic compounds and antioxidant capacity of citrus peel extract. <b>2007</b> , 55, 330-5	284
1660	Antioxidant profile of red wines evaluated by total antioxidant capacity, scavenger activity, and biomarkers of oxidative stress methodologies. <b>2007</b> , 55, 5476-83	114
1659	The effect of <i>Cissus quadrangularis</i> (CQR-300) and a <i>Cissus</i> formulation (CORE) on obesity and obesity-induced oxidative stress. <b>2007</b> , 6, 4	43
1658	Comparative evaluation of various total antioxidant capacity assays applied to phenolic compounds with the CUPRAC assay. <b>2007</b> , 12, 1496-547	565
1657	In vivo antioxidant potential of <i>Teucrium polium</i> , as compared to alpha-tocopherol. <b>2007</b> , 57, 123-9	54
1656	Retinoids and Carotenoids in Dermatology. <b>2007</b> ,	10
1655	Use of reference compounds in antioxidant activity assessment. <b>2007</b> , 55, 5452-60	105

1654	Effect of dietary grape pomace and vitamin E on growth performance, nutrient digestibility, and susceptibility to meat lipid oxidation in chickens. <b>2007</b> , 86, 508-16	139
1653	Antioxidant measurements. <b>2007</b> , 28, R41-55	136
1652	Effects of infusion time and addition of milk on content and absorption of polyphenols from black tea. <b>2007</b> , 55, 4889-94	106
1651	Multifunctional in vitro antioxidant evaluation of strawberry ( <i>Fragaria virginiana</i> Dutch.). <b>2007</b> , 58, 629-36	6
1650	Repeated red wine consumption and changes on plasma antioxidant capacity and endogenous antioxidants (uric acid and protein thiol groups). <b>2007</b> , 55, 9713-8	17
1649	Selenoprotein H is a redox-sensing high mobility group family DNA-binding protein that up-regulates genes involved in glutathione synthesis and phase II detoxification. <b>2007</b> , 282, 23759-65	87
1648	TOTAL PHENOLS AND ANTIOXIDANT ACTIVITY OF COMMERCIAL AND WILD MUSHROOMS FROM CHIHUAHUA, MEXICO FENOLES TOTALES Y CAPACIDAD ANTIOXIDANTE DE HONGOS COMERCIALES Y SILVESTRES DE CHIHUAHUA, MEXICO. <b>2007</b> , 5, 329-334	17
1647	Bioefficacy of Mauritian Endemic Medicinal Plants: Assessment of Their Phenolic Contents and Antioxidant Potential. <b>2007</b> , 45, 9-17	11
1646	Characterization of antioxidants using a fluidic chip in aqueous/organic media. <b>2007</b> , 132, 135-41	12
1645	Characterization of antioxidant activity of extracts from <i>Flos Lonicerae</i> . <b>2007</b> , 33, 841-7	21
1644	Investigation of the antioxidant activity of African potato ( <i>Hypoxis hemerocallidea</i> ). <b>2007</b> , 55, 1707-11	56
1643	Modifications of strawberry fruit antioxidant pools and fruit quality under NaCl stress. <b>2007</b> , 55, 4066-72	67
1642	Molar absorptivities and reducing capacity of pyranoanthocyanins and other anthocyanins. <b>2007</b> , 55, 10591-8	29
1641	A hypocaloric diet enriched in legumes specifically mitigates lipid peroxidation in obese subjects. <b>2007</b> , 41, 498-506	71
1640	Dietary fiber content and associated antioxidant compounds in Roselle flower ( <i>Hibiscus sabdariffa</i> L.) beverage. <b>2007</b> , 55, 7886-90	89
1639	Effect of molecular structure of phenolic families as hydroxycinnamic acids and catechins on their antioxidant effectiveness in minced fish muscle. <b>2007</b> , 55, 3889-95	108
1638	Effect of pharmacological lowering of plasma urate on exercise-induced oxidative stress. <b>2007</b> , 32, 1148-55	10
1637	Topical anti-inflammatory activities of <i>Vitis rotundifolia</i> (muscadine grape) extracts in the tetradecanoylphorbol acetate model of ear inflammation. <b>2007</b> , 10, 636-42	29

1636	Solid foodstuff supplemented with phenolics from grape: antioxidant properties and correlation with phenolic profiles. <b>2007</b> , 55, 5147-55	27
1635	Effect of water deficit irrigation and inoculation with <i>Botrytis cinerea</i> on strawberry ( <i>Fragaria x ananassa</i> ) fruit quality. <b>2007</b> , 55, 10812-9	114
1634	Oxidative stress, antioxidant status and DNA damage in patients with impaired glucose regulation and newly diagnosed Type 2 diabetes. <b>2007</b> , 112, 599-606	123
1633	Reddish coloration of Chinese quince ( <i>Pseudocydonia sinensis</i> ) procyanidins during heat treatment and effect on antioxidant and antiinfluenza viral activities. <b>2007</b> , 55, 1221-6	32
1632	Content of polyphenolic compounds in the Nigerian stimulants <i>Cola nitida</i> ssp. <i>alba</i> , <i>Cola nitida</i> ssp. <i>rubra</i> A. Chev, and <i>Cola acuminata</i> Schott & Endl and their antioxidant capacity. <b>2007</b> , 55, 9824-8	33
1631	Polyphenol composition and antioxidant activity in strawberry purees; impact of achene level and storage. <b>2007</b> , 55, 5156-66	143
1630	Solar ultraviolet-B radiation increases phenolic content and ferric reducing antioxidant power in <i>Avena sativa</i> . <b>2007</b> , 12, 1220-32	32
1629	Measurement of Antioxidant Activity of Wine Catechins, Procyanidins, Anthocyanins and Pyranoanthocyanins. <b>2007</b> , 8, 797-809	87
1628	Effect of <i>Tinospora cordifolia</i> on gamma ray-induced perturbations in macrophages and splenocytes. <b>2007</b> , 48, 305-15	16
1627	Effects of chronic and acute ozone exposure on lipid peroxidation and antioxidant capacity in healthy young adults. <b>2007</b> , 115, 1732-7	79
1626	Relation of serum total antioxidant status with metabolic risk factors in Korean adults. <b>2007</b> , 1, 335-40	12
1625	Oxidative stress induced by torsion of the spermatic cord in young rats. <b>2007</b> , 22, 30-3	19
1624	An extract of <i>Phyllanthus amarus</i> protects mouse chromosomes and intestine from radiation induced damages. <b>2007</b> , 48, 469-76	15
1623	Safety and efficacy of <i>Ganoderma lucidum</i> (lingzhi) and San Miao San supplementation in patients with rheumatoid arthritis: a double-blind, randomized, placebo-controlled pilot trial. <b>2007</b> , 57, 1143-50	55
1622	Antioxidant nutritional quality of tomato. <b>2007</b> , 51, 609-17	196
1621	Beneficial effects of sulfated polysaccharides from <i>Sargassum wightii</i> against mitochondrial alterations induced by Cyclosporine A in rat kidney. <b>2007</b> , 51, 1413-22	24
1620	ROS scavenging effects of organic extract of diesel exhaust particles on human neutrophil granulocytes and rat alveolar macrophages. <b>2007</b> , 230, 207-18	27
1619	Effect of grape antioxidant dietary fibre on the prevention of lipid oxidation in minced fish: Evaluation by different methodologies. <b>2007</b> , 101, 372-378	106

1618	The antioxidant and free radical scavenging activities of processed cowpea ( <i>Vigna unguiculata</i> (L.) Walp.) seed extracts. <b>2007</b> , 101, 10-19	304
1617	Changes in the antioxidant properties of protein solutions in the presence of epigallocatechin gallate. <b>2007</b> , 101, 126-130	71
1616	The effect of ginger on diabetic nephropathy, plasma antioxidant capacity and lipid peroxidation in rats. <b>2007</b> , 101, 148-153	99
1615	Chemical composition and antioxidant capacity of free volatile aglycones from basil ( <i>Ocimum basilicum</i> L.) compared with its essential oil. <b>2007</b> , 101, 379-385	198
1614	Systematic evaluation of natural phenolic antioxidants from 133 Indian medicinal plants. <b>2007</b> , 102, 938-953	404
1613	Albumin causes a synergistic increase in the antioxidant activity of green tea catechins in oil-in-water emulsions. <b>2007</b> , 102, 1375-1382	58
1612	Changes in the catechin and epicatechin content of grape seeds on storage under different water activity (aw) conditions. <b>2007</b> , 105, 1504-1511	33
1611	Paraoxonase, total antioxidant activity and peroxide levels in marasmic children: relationships with leptin. <b>2007</b> , 40, 634-9	11
1610	Antioxidant capacity and phenolic content of cocoa beans. <b>2007</b> , 100, 1523-1530	265
1609	Folates as antioxidants. <b>2007</b> , 101, 1480-1483	33
1608	Two exotic fruits positively affect rat plasma composition. <b>2007</b> , 102, 192-200	29
1607	Antioxidant capacity, phenol, anthocyanin and ascorbic acid contents in raspberries, blackberries, red currants, gooseberries and Cornelian cherries. <b>2007</b> , 102, 777-783	447
1606	Study on antioxidant activity of certain plants in Thailand: Mechanism of antioxidant action of guava leaf extract. <b>2007</b> , 103, 381-388	201
1605	Antioxidant power of Iranian propolis extract. <b>2007</b> , 103, 729-733	95
1604	Soy protein with and without isoflavones fails to substantially increase postprandial antioxidant capacity. <b>2007</b> , 18, 46-53	22
1603	Phenolic-rich juice prevents DNA single-strand breakage and cytotoxicity caused by tert-butylhydroperoxide in U937 cells: the role of iron chelation. <b>2007</b> , 18, 457-66	16
1602	Total antioxidant capacity, total phenolic content, mineral elements, and histamine concentrations in wines of different fruit sources. <b>2007</b> , 20, 133-137	115
1601	In vitro antioxidant activities of <i>Stevia rebaudiana</i> leaves and callus. <b>2007</b> , 20, 323-329	171

1600	Sensitivity enhancement of CUPRAC and iron(III)-phenanthroline antioxidant assays by preconcentration of colored reaction products on a weakly acidic cation exchanger. <b>2007</b> , 67, 1478-1486	11
1599	Evaluation of antioxidative properties of <i>Allium</i> species growing wild in Italy. <b>2007</b> , 21, 874-8	60
1598	Influence of habitual diet on antioxidant status: a study in a population of vegetarians and omnivores. <b>2007</b> , 61, 1011-22	33
1597	Herring ( <i>Clupea harengus</i> ) supplemented diet influences risk factors for CVD in overweight subjects. <b>2007</b> , 61, 1106-13	24
1596	A comparative study on phenolic profiles and antioxidant activities of legumes as affected by extraction solvents. <b>2007</b> , 72, S159-66	596
1595	Comparative analyses of phenolic composition, antioxidant capacity, and color of cool season legumes and other selected food legumes. <b>2007</b> , 72, S167-77	234
1594	Minerals, phenolic compounds, and antioxidant capacity of citrus peel extract by hot water. <b>2008</b> , 73, C11-8	100
1593	Oxidative stress biomarkers and hormonal profile in human patients undergoing varicocelectomy. <b>2007</b> , 30, 519-30	72
1592	Biochemical aspects in two minimally processed lettuces upon storage. <b>2007</b> , 42, 214-219	21
1591	The role of reactive oxygen and antioxidant species in periodontal tissue destruction. <b>2007</b> , 43, 160-232	508
1590	AFMK, a melatonin metabolite, attenuates X-ray-induced oxidative damage to DNA, proteins and lipids in mice. <b>2007</b> , 42, 386-93	197
1589	Accumulation of altered aspartyl residues in erythrocyte proteins from patients with Down's syndrome. <b>2007</b> , 274, 5263-77	30
1588	Ferric-reducing ability power of selected plant polyphenols and their metabolites: implications for clinical studies on the antioxidant effects of fruits and vegetable consumption. <b>2007</b> , 100, 345-52	37
1587	VARIATIONS IN ANTIOXIDANT ACTIVITY IN BROCCOLI ( <i>BRASSICA OLERACEA</i> L.) CULTIVARS. <b>2007</b> , 31, 621-638	29
1586	VISCOSITY AND QUALITY OF TOMATO JUICE AS AFFECTED BY PROCESSING METHODS. <b>2007</b> , 30, 864-877	12
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1583	Plasma antioxidant capacity in dogs with naturally occurring heart diseases. <b>2007</b> , 54, 36-9	21

1582	Anti-oxidative/oxidative status of rat liver after ovariectomy. <b>2007</b> , 54, 225-9	26
1581	Effects of abdominal surgery on thiobarbituric acid reactive substances and plasma anti-oxidative capacity in dairy cows. <b>2007</b> , 54, 441-4	11
1580	Edible films made from tuna-fish gelatin with antioxidant extracts of two different murta ecotypes leaves ( <i>Ugni molinae</i> Turcz). <b>2007</b> , 21, 1133-1143	209
1579	Controlled atmosphere storage of rabbiteye blueberries enhances postharvest quality aspects. <b>2007</b> , 44, 277-285	57
1578	Oxidative stress markers and antioxidant status after oral iron supplementation to very low birth weight infants. <b>2007</b> , 151, 23-8	48
1577	Improved DPPH determination for antioxidant activity spectrophotometric assay. <b>2007</b> , 61,	76
1576	A combination of soy isoflavone supplementation and exercise improves lipid profiles and protects antioxidant defense-systems against exercise-induced oxidative stress in ovariectomized rats. <b>2007</b> , 29, 175-85	22
1575	The nutritional and metabolic indices in rats fed cholesterol-containing diets supplemented with durian at different stages of ripening. <b>2007</b> , 29, 123-36	22
1574	Inhibition of protein glycation by skins and seeds of the muscadine grape. <b>2007</b> , 30, 193-200	19
1573	Free radical scavenging activity, metal chelation and antioxidant power of some of the Indian spices. <b>2007</b> , 31, 219-27	27
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1570	Effect of chlorogenic acid on antioxidant activity of Flos <i>Lonicerae</i> extracts. <b>2007</b> , 8, 673-9	46
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1567	Relationship between (Na + K)-ATPase activity, lipid peroxidation and fatty acid profile in erythrocytes of hypertensive and normotensive subjects. <b>2007</b> , 303, 73-81	62
1566	alpha-Lipoic acid attenuates x-irradiation-induced oxidative stress in mice. <b>2007</b> , 23, 129-37	59
1565	Increased susceptibility of serum and apo-B-containing lipoproteins to peroxidation in aged rats. <b>2007</b> , 7, 158-63	3



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1563	Effects of moderate and severe intermittent hypoxia on vascular endothelial function and haemodynamic control in sedentary men. <b>2007</b> , 100, 127-35	45
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1554	Variation in contents of total phenolics and flavonoids and antioxidant activities in the leaves of 11 <i>Eriobotrya</i> species. <b>2008</b> , 63, 200-4	62
1553	Effect of NaCl and CaCl <sub>2</sub> on the antioxidant mechanism of leaves and stems of the rootstock CAB-6P ( <i>Prunus cerasus</i> L.) under in vitro conditions. <b>2008</b> , 95, 37-45	10
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1549	Antioxidant capacity of walnut ( <i>Juglans regia</i> L.): contribution of oil and defatted matter. <b>2008</b> , 227, 425-431	83
1548	The effect of addition of chokeberry, flowering quince fruits and rhubarb juice to strawberry jams on their polyphenol content, antioxidant activity and colour. <b>2008</b> , 227, 1043-1051	37
1547	Bioactive components and antioxidant capacity of Chinese bayberry ( <i>Myrica rubra</i> Sieb. and Zucc.) fruit in relation to fruit maturity and postharvest storage. <b>2008</b> , 227, 1091-1097	73

1546	Cytoprotective effects of polyphenolics on H <sub>2</sub> O <sub>2</sub> -induced cell death in SH-SY5Y cells in relation to their antioxidant activities. <b>2008</b> , 228, 123-131	14
1545	Beneficial effects of low doses of red wine consumption on perturbed shear stress-induced atherogenesis. <b>2008</b> , 23, 124-33	36
1544	Effects of glucose tolerance on the changes provoked by glucose ingestion in microvascular function. <b>2008</b> , 51, 862-71	10
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1532	Effect of 4-Week Treatment with Oral N-Acetylcysteine on Plasma Homocysteine Concentration and Antioxidant Activity of Patients on Chronic Hemodialysis. <b>2008</b> , 17, 122-125	2
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1307	Studies of biochemical parameters characteristic of oxidative damage in different apple cultivars ( <i>Malus domestica</i> Borkh.) during storage. <b>2008</b> , 37, 463-470	
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1291	Determination of seminal oxidants (reactive oxygen species). 618-632	2
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1264	Effect of enzymatically modified isoquercitrin, a flavonoid, on symptoms of Japanese cedar pollinosis: a randomized double-blind placebo-controlled trial. <b>2009</b> , 149, 359-68	31
1263	Effect of advice to increase carbohydrate and reduce fat intake on dietary profile and plasma lipid concentrations in healthy postmenopausal women. <b>2009</b> , 54, 138-44	5
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1190	Liver NF-kappaB and AP-1 DNA binding in obese patients. <b>2009</b> , 17, 973-9	74
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1156	Integrated membrane process for blackcurrant ( <i>Ribes nigrum</i> L.) juice concentration. <b>2009</b> , 241, 281-287	27
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1150	Antioxidant activity of peptide fractions from whey protein hydrolysates as measured by electron spin resonance. <b>2009</b> , 113, 196-201		195
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1141	Antioxidative activity and emulsifying properties of cuttlefish skin gelatin modified by oxidised phenolic compounds. <b>2009</b> , 117, 160-168		94
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1125	Effects of Irradiation on antioxidant activity in soybean seeds. <b>2009</b> , 4, 381-386	11
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1123	Antiviral effect of epigallocatechin gallate on enterovirus 71. <b>2009</b> , 57, 6140-7	100
1122	Changes in antioxidant endogenous enzymes (activity and gene expression levels) after repeated red wine intake. <b>2009</b> , 57, 6578-83	48
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1119	Phytochemical profiles and health-promoting effects of cool-season food legumes as influenced by thermal processing. <b>2009</b> , 57, 10718-31	67
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1114	Cadmium-induced oxidative stress and antioxidative mechanisms in germinating Indian mustard ( <i>Brassica juncea</i> L.) seeds. <b>2009</b> , 72, 1337-42	53
1113	Antioxidant defense system in rats simultaneously intoxicated with agrochemicals. <b>2009</b> , 28, 465-73	57
1112	Free radical scavenging and antiatherogenic activities of <i>Sesamum indicum</i> seed extracts in chemical and biological model systems. <b>2009</b> , 47, 2507-15	41
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1107	Dietary antioxidants interfere with Amplex Red-coupled-fluorescence assays. <b>2009</b> , 388, 443-9	26
1106	Comparative study of commercially available cocoa products in terms of their bioactive composition. <b>2009</b> , 42, 707-716	128
1105	Antioxidant and cardioprotective effects of <i>Ilex brasiliensis</i> : A comparative study with <i>Ilex paraguariensis</i> (yerba mate). <b>2009</b> , 42, 1403-1409	21
1104	Kinetic approach for evaluation of total antioxidant activity. <b>2009</b> , 80, 749-53	23
1103	Phytochemical and antioxidant properties of anthocyanin-rich <i>Morus nigra</i> and <i>Morus rubra</i> fruits. <b>2009</b> , 119, 275-279	151
1102	Polygalacturonase and $\beta$ -galactosidase activities in Hayward kiwifruit as affected by light exposure, maturity stage and storage time. <b>2009</b> , 120, 342-347	22
1101	Antioxidant and hepatoprotective activity of <i>Cordia macleodii</i> leaves. <b>2009</b> , 17, 299-302	24
1100	Protective effect of a <i>Potentilla anserina</i> polysaccharide on oxidative damages in mice. <b>2009</b> , 45, 279-83	30
1099	Effect of salvianolic acid A on vascular reactivity of streptozotocin-induced diabetic rats. <b>2009</b> , 85, 499-504	26
1098	Influence of management and genetic merit for milk yield on the oxidative status of plasma in heifers. <b>2009</b> , 123, 276-282	18
1097	The influence of different doses of $\alpha$ -tocopherol and ascorbic acid on selected oxidative stress parameters in in vitro culture of leukocytes isolated from transported calves. <b>2009</b> , 124, 89-92	16

1096	A preliminary evaluation of antioxidant compounds, reducing potential, and radical scavenging of pawpaw ( <i>Asimina tribloba</i> ) fruit pulp from different stages of ripeness. <b>2009</b> , 42, 275-279	26
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1094	Effect of gamma irradiation on microbial analysis, antioxidant activity, sugar content and color of ready-to-use tamarind juice during storage. <b>2009</b> , 42, 101-105	61
1093	Horticultural characteristics and chemical composition of advanced raspberry lines from Quebec and Ontario. <b>2009</b> , 42, 893-898	13
1092	Free radical scavenging activity of porcine plasma protein hydrolysates determined by electron spin resonance spectrometer. <b>2009</b> , 42, 956-962	32
1091	Researching the impact of oral health on diet and nutritional status: methodological issues. <b>2009</b> , 37, 237-49	53
1090	Antioxidant capacity of fresh and processed fruit bodies and mycelium of <i>Auricularia auricula-judae</i> (Fr.) Quil <b>2009</b> , 12, 167-74	25
1089	Antioxidants modify the relationship between endothelin-1 level and glucose metabolism-associated parameters. <b>2009</b> , 58, 1229-33	6
1088	Regular moderate exercise reduces advanced glycation and ameliorates early diabetic nephropathy in obese Zucker rats. <b>2009</b> , 58, 1669-77	85
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1085	Effect of a low dose of dietary resveratrol on colon microbiota, inflammation and tissue damage in a DSS-induced colitis rat model. <b>2009</b> , 57, 2211-20	240
1084	Effect of drying methods with the application of vacuum microwaves on the bioactive compounds, color, and antioxidant activity of strawberry fruits. <b>2009</b> , 57, 1337-43	238
1083	Factors affecting the stability of drugs and drug metabolites in biological matrices. <b>2009</b> , 1, 205-20	56
1082	Antioxidant capacity and polyphenolic content of blueberry ( <i>Vaccinium corymbosum</i> L.) leaf infusions. <b>2009</b> , 12, 608-14	46
1081	In vitro antioxidant activity of silymarin. <b>2009</b> , 24, 395-405	132
1080	Bioactive compounds, folates and antioxidant properties of tomatoes ( <i>Lycopersicon esculentum</i> ) during vine ripening. <b>2009</b> , 60, 694-708	64
1079	A randomized controlled trial of antioxidant supplementation for pain relief in patients with chronic pancreatitis. <b>2009</b> , 136, 149-159.e2	173

1078	Total Phenolic, Phenolic Acid, Anthocyanin, Flavan-3-ol, and Flavonol Profiles and Antioxidant Properties of Pinto and Black Beans ( <i>Phaseolus vulgaris</i> L.) as Affected by Thermal Processing. <b>2009</b> , 57, 4754-4764	183
1077	Effects of date ( <i>Phoenix dactylifera</i> L., Medjool or Hallawi Variety) consumption by healthy subjects on serum glucose and lipid levels and on serum oxidative status: a pilot study. <b>2009</b> , 57, 8010-7	59
1076	Acute ingestion of a novel whey-derived peptide improves vascular endothelial responses in healthy individuals: a randomized, placebo controlled trial. <b>2009</b> , 8, 34	66
1075	Variations in essential oil, phenolic compounds, and antioxidant activity of tunisian cultivated <i>Salvia officinalis</i> L. <b>2009</b> , 57, 10349-56	86
1074	The role of phenolic hydroxy groups in the free radical scavenging activity of betalains. <b>2009</b> , 72, 1142-6	71
1073	Changes in phenolic acids and antioxidant activity in Thai rice husk at five growth stages during grain development. <b>2009</b> , 57, 4566-71	61
1072	Antioxidant effects of a cinnamon extract in people with impaired fasting glucose that are overweight or obese. <b>2009</b> , 28, 16-21	129
1071	Recipe for uncovering the bioactive components in herbal medicine. <b>2009</b> , 81, 7217-25	50
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1069	The increase in human plasma antioxidant capacity after acute coffee intake is not associated with endogenous non-enzymatic antioxidant components. <b>2009</b> , 60 Suppl 6, 173-81	24
1068	Impact of light variation on development of photoprotection, antioxidants, and nutritional value in <i>Lactuca sativa</i> L. <b>2009</b> , 57, 5494-500	42
1067	Efficacy of different fractions of <i>Anethum graveolens</i> leaves on serum lipoproteins and serum and liver oxidative status in experimentally induced hypercholesterolaemic rat models. <b>2009</b> , 37, 685-99	27
1066	Total Antioxidant Capacity and Content of Phenolic Compounds in Wild Strawberries ( <i>Fragaria vesca</i> ) Collected in Bolivia. <b>2009</b> , 9, 344-359	11
1065	Antioxidant activity and polyphenol content of green tea flavan-3-ols and oligomeric proanthocyanidins. <b>2009</b> , 60, 497-506	31
1064	Capacity of reductants and chelators to prevent lipid oxidation catalyzed by fish hemoglobin. <b>2009</b> , 57, 9190-6	14
1063	Manual and Robotic Methods for Measuring the Total Antioxidant Capacity of Beers. <b>2009</b> , 991-1002	
1062	Antioxidant capacity and lipid characterization of six Georgia-grown pomegranate cultivars. <b>2009</b> , 57, 9427-36	98
1061	Relative changes in tocopherols, isoflavones, total phenolic content, and antioxidative activity in soybean seeds at different reproductive stages. <b>2009</b> , 57, 2705-10	57

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1058	Effect of verapamil, trandolapril and their combination on vascular function and structure in essential hypertensive patients. <b>2009</b> , 205, 214-20	17
1057	Catechin reduces atherosclerotic lesion development in apo E-deficient mice: a transcriptomic study. <b>2009</b> , 204, e21-7	79
1056	Acute, food-induced moderate elevation of plasma uric acid protects against hyperoxia-induced oxidative stress and increase in arterial stiffness in healthy humans. <b>2009</b> , 207, 255-60	29
1055	Plantain ( <i>Plantago L.</i> ) species as novel sources of flavonoid antioxidants. <b>2009</b> , 57, 9268-73	95
1054	Oxidative stress and human diseases: Origin, link, measurement, mechanisms, and biomarkers. <b>2009</b> , 46, 241-81	296
1053	Effect of lipophilization of hydroxytyrosol on its antioxidant activity in fish oils and fish oil-in-water emulsions. <b>2009</b> , 57, 9773-9	93
1052	Isoflavones, Flavan-3-ols, phenolic acids, total phenolic profiles, and antioxidant capacities of soy milk as affected by ultrahigh-temperature and traditional processing methods. <b>2009</b> , 57, 4706-17	49
1051	In vitro antioxidant activity and antigenotoxic effects of avenanthramides and related compounds. <b>2009</b> , 57, 10619-24	44
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1043	In vitro and In vivo Antioxidant Activity of <i>Aphanamixis polystachya</i> Bark. <b>2009</b> , 5, 60-67	18

1042	Systemic hypoxia enhances bactericidal activities of human polymorphonuclear leucocytes. <b>2009</b> , 116, 805-17	17
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1034	Stability of the total antioxidant capacity of fresh fruit juices subjected to an in vitro digestion procedure. <b>2010</b> , 69,	
1033	Total antioxidant capacity of 10 commercially available tomato juices before and after in vitro digestion. <b>2010</b> , 69,	
1032	High levels of oxidative stress in rats infected with Blastocystis hominis. <b>2010</b> , 137, 605-11	24
1031	Classification of individuals with dyslipidaemia controlled by statins according to plasma biomarkers of oxidative stress using cluster analysis. <b>2010</b> , 103, 256-65	14
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1028	Anti-oxidant levels in various tissues during the maturation of Hass Avocado (Persea americana Mill.). <b>2010</b> , 85, 106-112	19
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1026	Effect of n-3 fatty acids and antioxidants on oxidative stress after exercise. <b>2010</b> , 42, 1704-11	37
1025	FRUIT ATTRIBUTES, PHENOLIC COMPOUNDS, ANTIOXIDANT AND ANTIPROLIFERATIVE ACTIVITY OF STRAWBERRIES (FRAGARIA ANANASSA, 'FAVETTE') GROWN BY BIODYNAMIC AND CONVENTIONAL AGRICULTURE METHODS. <b>2010</b> , 289-294	1

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1023	EVALUATION OF THE NUTRITIONAL VALUE OF FUNCTIONAL YOGHURT RESULTING FROM A COMBINATION OF DATE PALM SYRUP AND SKIM MILK. <b>2010</b> , 583-592	6
1022	PHENOLIC COMPOUNDS, ANTIOXIDANT ACTIVITY AND OTHER QUALITY RELATED CRITERIA OF 'SUMMERED' APPLES AS INFLUENCED BY POSTHARVEST STORAGE CONDITIONS. <b>2010</b> , 169-176	3
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1020	Antioxidant and antigenotoxic activities of <i>Globularia alypum</i> leaves extracts. <b>2010</b> , 4, 2048-2053	6
1019	Screening of natural antioxidants from traditional Chinese medicinal plants associated with treatment of rheumatic disease. <b>2010</b> , 15, 5988-97	59
1018	Condensed tannins from mangrove species <i>Kandelia candel</i> and <i>Rhizophora mangle</i> and their antioxidant activity. <b>2010</b> , 15, 420-31	70
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1012	Effect of vitamin E and C supplements on antioxidant defense system in cardiovascular disease patients in Zahedan, southeast Iran. <b>2010</b> , 56, 436-40	14
1011	EFFECT OF 1-METHYLCYCLOPROPENE ON QUALITY ATTRIBUTES OF 'CALDESI 2000' WHITE-FLESH NECTARINE DURING COLD STORAGE. <b>2010</b> , 605-610	
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1009	L-Cysteine influx in type 2 diabetic erythrocytes. <b>2010</b> , 4, 205-208	
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999	In vitro antioxidant properties and in vivo lowering blood lipid of <i>Forsythia suspense</i> leaves. <b>2010</b> , 19, 617-628	29
998	Antioxidant phenolic compounds and flavonoids of <i>Mitragyna rotundifolia</i> (Roxb.) Kuntze in vitro. <b>2010</b> , 19, 1222-1232	27
997	Health-promoting activities of ultra-filtered okara protein hydrolysates released by in vitro gastrointestinal digestion: identification of active peptide from soybean lipoxygenase. <b>2010</b> , 230, 655-663	37
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994	Extraction kinetics modeling of antioxidants from grape stalk ( <i>Vitis vinifera</i> var. Bobal): Influence of drying conditions. <b>2010</b> , 101, 49-58	48
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992	Antioxidant status of elite athletes remains impaired 2 weeks after a simulated altitude training camp. <b>2010</b> , 49, 285-92	29
991	Time-kinetic study of repigmentation in vitiligo patients by tacrolimus or pimecrolimus. <b>2010</b> , 302, 131-7	22
990	Oxidative stress biomarkers in mitochondrial myopathies, basally and after cysteine donor supplementation. <b>2010</b> , 257, 774-81	55
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986	Alternative woods for aging distillates-an insight into their phenolic profiles and antioxidant activities. <b>2010</b> , 19, 1129-1134	20
985	Temporal association of elevations in serum cardiac troponin T and myocardial oxidative stress after prolonged exercise in rats. <b>2010</b> , 110, 1299-303	42
984	Increased H <sub>2</sub> O <sub>2</sub> level in exhaled breath condensate in primary breast cancer patients. <b>2010</b> , 136, 923-30	22
983	Antioxidant potential, paraoxonase 1, ceruloplasmin activity and C-reactive protein concentration in diabetic retinopathy. <b>2010</b> , 10, 185-92	49
982	Effects of epigallocatechin gallate on rotenone-injured murine brain cultures. <b>2010</b> , 117, 5-12	20
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980	Role of reactive oxygen species in pathogenesis of nephrotic syndrome. <b>2010</b> , 25, 82-5	6
979	Urinary 8-OHdG: A marker of oxidative stress to DNA and total antioxidant status in essential hypertension with South Indian population. <b>2010</b> , 25, 127-32	28
978	Role of oxidative stress in various stages of psoriasis. <b>2010</b> , 25, 388-92	128
977	Age-dependent changes in glutathione-s-transferase: correlation with total plasma antioxidant potential and red cell intracellular glutathione. <b>2010</b> , 25, 398-400	21
976	Antioxidant activity of <i>Salvia miltiorrhiza</i> Bunge, a novel foodstuff. <b>2010</b> , 6, 65-72	6
975	Total Antioxidant Capacity Assay Using Optimized Ferricyanide/Prussian Blue Method. <b>2010</b> , 3, 154-168	45
974	Seasonal Variation of Chemical Composition and Antioxidant Activity of Essential Oil from <i>Pistacia atlantica</i> Desf. Leaves. <b>2010</b> , 87, 157-166	36
973	New Nortriterpenoid and Ceramides From Stems and Leaves of Cultivated <i>Triumfetta cordifolia</i> A Rich (Tiliaceae). <b>2010</b> , 87, 1167-1177	12
972	Total antioxidant capacity intake and colorectal cancer risk in the Health Professionals Follow-up Study. <b>2010</b> , 21, 1315-21	41
971	Evaluation of antioxidant properties and total phenolic contents of some strains of microalgae. <b>2010</b> , 22, 43-50	150

970	Protective effects of flavonoids against oxidative stress induced by simulated microgravity in SH-SY5Y cells. <b>2010</b> , 35, 1445-54	30
969	Evaluation of antioxidant capacity and phenol content in jackfruit ( <i>Artocarpus heterophyllus</i> Lam.) fruit pulp. <b>2010</b> , 65, 99-104	74
968	By-products of <i>Opuntia ficus-indica</i> as a source of antioxidant dietary fiber. <b>2010</b> , 65, 210-6	101
967	Consumption of <i>Syzygium gratum</i> promotes the antioxidant defense system in mice. <b>2010</b> , 65, 403-9	10
966	A combined procedure to evaluate the global antioxidant response of bread. <b>2010</b> , 52, 239-246	54
965	Effect of whole walnuts and walnut-skin extracts on oxidant status in mice. <b>2010</b> , 26, 823-8	7
964	Effects of calcium ascorbate treatments and storage atmosphere on antioxidant activity and quality of fresh-cut apple slices. <b>2010</b> , 57, 52-60	67
963	The stability of the reactive oxygen metabolites (d-ROMs) and biological antioxidant potential (BAP) tests on stored horse blood. <b>2010</b> , 183, 217-8	59
962	Effect of diet, energy balance and milk production on oxidative stress in early-lactating dairy cows grazing pasture. <b>2010</b> , 186, 352-7	61
961	The total antioxidant content of more than 3100 foods, beverages, spices, herbs and supplements used worldwide. <b>2010</b> , 9, 3	477
960	Influence of desloratadine on selected oxidative stress markers in patients between 3 and 10 years of age with allergic perennial rhinitis. <b>2010</b> , 640, 197-201	10
959	Contrasting ozone sensitivity in related evergreen and deciduous shrubs. <b>2010</b> , 158, 3580-7	54
958	Pyrrrolizidine alkaloid isoleucine-induced oxidative injury in various mouse tissues. <b>2010</b> , 62, 251-7	21
957	Mitochondria and calcium flux as targets of neuroprotection caused by minocycline in cerebellar granule cells. <b>2010</b> , 79, 239-50	81
956	Clinical utility of copper, ceruloplasmin, and metallothionein plasma determinations in human neurodegenerative patients and their first-degree relatives. <b>2010</b> , 1319, 118-30	86
955	Cytoprotection by almond skin extracts or catechins of hepatocyte cytotoxicity induced by hydroperoxide (oxidative stress model) versus glyoxal or methylglyoxal (carbonylation model). <b>2010</b> , 185, 101-9	21
954	Effect of depolymerized mango pulp as a stabilizer in, oil-in-water emulsion containing sodium caseinate. <b>2010</b> , 88, 202-208	9
953	Reduced oxygen tension results in reduced human T cell proliferation and increased intracellular oxidative damage and susceptibility to apoptosis upon activation. <b>2010</b> , 48, 26-34	26

952	Assessment of antioxidant capacity in vitro and in vivo. <b>2010</b> , 49, 503-15	535
951	Antioxidant activity of lees cell surface during sparkling wine sur lie aging. <b>2010</b> , 143, 48-53	29
950	Antioxidant activities and chemical composition of essential oil of <i>Pistacia atlantica</i> from Algeria. <b>2010</b> , 31, 203-208	77
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938	Antioxidant components and antioxidant/antiradical activities of desert truffle ( <i>Tirmania nivea</i> ) from various Middle Eastern origins. <b>2010</b> , 23, 15-22	71
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924	Phenolic acid analysis and antioxidant activity assessment of oil palm ( <i>E. guineensis</i> ) fruit extracts. <b>2010</b> , 122, 353-359	49
923	Optimisation of microwave-assisted enzymatic extraction of corilagin and geraniin from <i>Geranium sibiricum</i> Linne and evaluation of antioxidant activity. <b>2010</b> , 122, 373-380	89
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917	Potassium rate alters the antioxidant capacity and phenolic concentration of basil ( <i>Ocimum basilicum</i> L.) leaves. <b>2010</b> , 123, 1235-1241	103

916	Bioactive phenolics and antioxidant propensity of flavedo extracts of Mauritian citrus fruits: potential prophylactic ingredients for functional foods application. <b>2010</b> , 278, 75-87	129
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900	Antioxidant capacity, phenolics and isoflavones in soybean by-products. <b>2010</b> , 123, 583-589	84
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769	Organochlorine pesticide residue levels and oxidative stress in preterm delivery cases. <b>2010</b> ,	
768	Incorporation and interaction of grape seed extract in membranes and relation with efficacy in muscle foods. <b>2010</b> , 58, 8365-74	16
767	Antioxidant properties and principal phenolic phytochemicals of Indian medicinal plants from Asclepiadoideae and Periplocoideae. <b>2010</b> , 24, 206-21	40
766	Contribution of galloylation and polymerization to the antioxidant activity of polyphenols in fish lipid systems. <b>2010</b> , 58, 7423-31	34
765	Nano-depletion of morbid spermatozoa up-regulate Ca <sup>2+</sup> channel, depolarization of membrane potential and fertility in buffalo. <b>2022</b> ,	0
764	Application of Artificial Neural Network for Predicting the Drying Kinetics and Chemical Attributes of Linden ( <i>Tilia platyphyllos</i> Scop.) during the Infrared Drying Process. <b>2022</b> , 10, 2069	0
763	Fortification of Cow Milk with <i>Moringa oleifera</i> Extract: Influence on Physicochemical Characteristics, Antioxidant Capacity and Mineral Content of Yoghurt. <b>2022</b> , 8, 545	0
762	The molecular evaluation of thioredoxin (TXN1 & TXN2), thioredoxin reductase 1 (TXNRd1), and oxidative stress markers in a binary rat model of hypo- and hyperthyroidism after treatment with gallic acid. 1-8	0
761	Unveiling Antimicrobial and Antioxidant Compositional Differences between Dukkah and Zaġtar via SPME-GCMS and HPLC-DAD. <b>2022</b> , 27, 6471	2
760	Comparative Evaluation of Physicochemical, Antioxidant, and Sensory Properties of Red Wine as Markers of Its Quality and Authenticity. <b>2022</b> , 2022, 1-17	2
759	Ultrasonic Enhancement of Aqueous Two-Phase Extraction and Acid Hydrolysis of Flavonoids from <i>Malvaviscus arboreus</i> Cav. Flower for Evaluation of Antioxidant Activity. <b>2022</b> , 11, 2039	0
758	Evaluation of Quality Traits and Phytochemical Compounds of Persimmon ( <i>Diospyros kaki</i> L.) Cultivars Grown in Samsun, Turkey.	0
757	Markers of Endothelial Dysfunction Are Attenuated by Resveratrol in Preeclampsia. <b>2022</b> , 11, 2111	0
756	Evaluation of The Antioxidant Capacity of Food Products: Methods, Applications and Limitations. <b>2022</b> , 10, 2031	2
755	Tomato Landraces May Benefit from Protected Production Evaluation on Phytochemicals. <b>2022</b> , 8, 937	1

- 754 ATTENUATION OF OXIDATIVE STRESS AND NEUROTOXICITY BY MK-801 (DIZOCILPINE) ON DIPENTYLPHTHALATE-INDUCED COGNITIVE DYSFUNCTION IN MICE. 103-108 ○
- 753 Importance of oxidative stress in the evaluation of acute pulmonary embolism severity. **2022**, 22, ○
- 752 Melatonin and 1-Methylcyclopropene Improve the Postharvest Quality and Antioxidant Capacity of *Xuohou* Sweet Persimmons during Cold Storage. **2022**, 22, 809-825 ○
- 751 Analytical determination of antioxidant capacity of hop-derived compounds in beer using specific rapid assays (ORAC, FRAP) and ESR-spectroscopy. ○
- 750 Novel viewpoint by headspace/GCMS: Volatile Oil of *Lavandula angustifolia* origin of Denizli Province. ○
- 749 Extraction, Characterization, and Chitosan Microencapsulation of Bioactive Compounds from *Cannabis sativa* L., *Cannabis indica* L., and *Mitragyna speciosa* K. **2022**, 11, 2103 ○
- 748 Nutritional Appraisal and Antidiabetic Activity of a Kind of Mixed Plasma Proteolytic Peptide from *Tachpleus tridentatus*. **2022**, 10, 1502 ○
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- 745 Comparing Crop Yield, Secondary Metabolite Contents, and Antifungal Activity of Extracts of *Helichrysum odoratissimum* Cultivated in Aquaponic, Hydroponic, and Field Systems. **2022**, 11, 2696 ○
- 744 Response surface methodology driven ultrasonic-assisted extraction of ellagitannins from pomegranate rind: optimization of parameters and in silico molecular interaction with catalase. 1
- 743 The application of Fourier transform infrared spectroscopy in discriminating different pomegranate juice extraction methods. **2022**, 349-356 ○
- 742 Effect of pretreatments of camellia seeds on the quality, phenolic profile, and antioxidant capacity of camellia oil. 9, 1
- 741 Antioxidants from *Hyeronima macrocarpa* Berries Loaded on Nanocellulose: Thermal and Antioxidant Stability. **2022**, 27, 6661 ○
- 740 Dietary-Fibre-Rich Fractions Isolated from Broccoli Stalks as a Potential Functional Ingredient with Phenolic Compounds and Glucosinolates. **2022**, 23, 13309 ○
- 739 Corncob powder and transglutaminase addition in pasta: Effects on proximate composition, physical and cooking properties, and overall acceptability of the product. ○
- 738 Postharvest treatments with MnCl<sub>2</sub> and ZnCl<sub>2</sub> reduce enzymatic browning and enhance antioxidant accumulation in soya bean sprout. **2022**, 12, ○
- 737 Chemical characterisation, insecticidal and antioxidant activities of essential oils from four Citrus spp. fruit peel waste. **2022**, 102163 1

- 736 Acute radiofrequency electromagnetic radiation exposure impairs neurogenesis and causes neuronal DNA damage in the young rat brain. **2022,** ○
- 735 Postharvest Aloe vera Gel Coatings Delay the Physiological Senescence of Alphonse Lavallée and Red Globe Grapes During Cold Storage as an Alternative to SO<sub>2</sub>. ○
- 734 Ultrasound-alkaline combined extraction improves the release of bound polyphenols from pitahaya (Hylocereus undatus 'Foo-Lon') peel: Composition, antioxidant activities and enzyme inhibitory activity. **2022,** 90, 106213 ○
- 733 Low to moderate adherence to 2018 diet and physical exercise recommendations of the World Cancer Research Fund/American Institute for Cancer Research is associated with pro-oxidant biochemical profile in women undergoing adjuvant breast cancer treatment. **2022,** ○
- 732 Gallic acid induces constitutive resistance against *Bactrocera dorsalis* infestation in mango fruit by its dual action. **2022,** 188, 105268 ○
- 731 Unraveling the joint toxicity of transition-metal dichalcogenides and per- and polyfluoroalkyl substances in aqueous mediums by experimentation, machine learning and molecular dynamics. **2022,** 130303 ○
- 730 Structural and physicochemical characterization of an aminosugar-rich exopolysaccharide isolated from a *Chlorella* sp.. **2022,** 68, 102881 ○
- 729 Biorefinery concept for the valorization of grapevine shoots: Study case for the Austrian variety Grüner Veltliner. **2022,** 136, 154-165 ○
- 728 Synthesis of silver nanoparticles using *Catunaregam spinosa* fruit extract for their biological activities. ○
- 727 Effect of High-tunnel Production Systems on the Preharvest Losses and Harvest Quality of BHN 589 and Cherokee Purple Tomatoes. **2022,** 32, 507-509 ○
- 726 Bioaccessibility assay, antioxidant activity and consumer-oriented sensory analysis of *Beta vulgaris* by-product encapsulated in Ca(II)-alginate beads for different foods. **2022,** 5, 100140 ○
- 725 Effect of solvent mixtures on the ultrasound-assisted extraction of compounds from pineapple by-product. **2022,** 50, 102098 ○
- 724 Comparative evaluation of anthocyanin pigment yield and its attributes from Butterfly pea (*Clitoria ternatea* L.) flowers as prospective food colorant using different extraction methods. **2022,** 6, 100199 ○
- 723 The evaluation of adiponectin gene polymorphisms (rs2241766 and rs1501299) in susceptibility to severe coronary artery disease in a north Iranian population.. **2022,** 34, 201118 ○
- 722 Rhamnolipid-BLES aqueous mixtures: From the molecular self-aggregation to the functional and ecotoxicological properties. **2022,** 367, 120547 1
- 721 Hepatic inhibitors expression profiling of venom-challenged *Sinonatrix annularis* and antidotal activities. **2022,** 156, 113900 ○
- 720 The effects of N-acetylcysteine administration on metabolic status and serum adiponectin levels in patients with metabolic syndrome: A randomized, double-blind, placebo-controlled trial. **2022,** 99, 105299 1
- 719 An innovative approach for maintaining the quality of pink tomatoes stored at optimum and above-optimum temperatures using a microporous membrane patch. **2022,** 34, 100981 ○



- 718 Assessment of phytochemicals, antioxidants and in-silico molecular dynamic simulation of plant derived potential inhibitory activity of *Thalictrum foliolosum* DC. and *Cordia dichotoma* G. Forst. against jaundice. **2022**, 156, 113898 ○
- 717 Pharmacognostic characteristics and antioxidant studies of *Psydrax subcordata* (DC.) Bridson. **2022**, 151, 628-635 ○
- 716 Dietary mixed *Bacillus* strains promoted the growth indices, enzymatic profile, intestinal immunity, and liver and intestinal histomorphology of Nile tilapia, *Oreochromis niloticus*. **2022**, 27, 101385 ○
- 715 Valorization of agri-food waste through the extraction of bioactive molecules. Prediction of their sunscreen action. **2023**, 325, 116460 1
- 714 Using biobased solvents for the extraction of phenolic compounds from kiwifruit industry waste. **2023**, 304, 122344 ○
- 713 Preparation, characterization of green tea carbon quantum dots/curcumin antioxidant and antibacterial nanocomposites. **2023**, 1273, 134247 ○
- 712 In silico study of natural antioxidants. **2022**, ○
- 711 Evaluation of the antioxidant state in type 2 diabetes mellitus patients with COVID-19. **2022**, ○
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- 709 Biomolecules from Orange and Grape Waste: Direct and Indirect Obtaining. **2022**, 289-314 ○
- 708 Interactive deciphering electron-shuttling characteristics of *Coffea arabica* leaves and potential bioenergy-steered anti-SARS-CoV-2 RdRp inhibitor via microbial fuel cells. **2023**, 191, 115944 ○
- 707 A research of marigold flavonoids from marigold residues. **2023**, 191, 115898 ○
- 706 Carbon nanoparticles improve the effect of compost and arbuscular mycorrhizal fungi in drought-stressed corn cultivation. **2023**, 194, 29-40 ○
- 705 Preharvest debagging alleviates external CO<sub>2</sub> injury of Fuji Apple during storage by improving antioxidant capacity and energy status. **2023**, 196, 112180 ○
- 704 Systemic characterization of pupunha (*Bactris gasipaes*) flour with views of polyphenol content on cytotoxicity and protein in vitro digestion. **2023**, 405, 134888 ○
- 703 Biochemical Effects of Oral Contraceptive Pills on Serum Bilirubin, Creatinine and Antioxidants System Among Females. 46-49 ○
- 702 Effect of red paprika powder on quality and oxidative stability of mayonnaise prepared with perilla oil. **2022**, 29, 932-942 ○
- 701 Comparison of Antioxidant Activities and Carotenoid Contents Between Marketable and Unmarketable Sweet Pepper Fruits. **2022**, 31, 393-400 ○



700	Effects of enzymatically hydrolyzed yeast supplementation on blood attributes, antioxidant status and gene expression of cytokines in vaccinated dairy cows. 1-8	0
699	Comparative study between apocynin and protocatechuic acid regarding antioxidant capacity and vascular effects. 13,	0
698	In-Vitro Antimicrobial, Antioxidant and Enzyme Inhibitory Activities of Fixed Oil Extracted from Stem Bark of <i>Tamarix aphylla</i> .	1
697	Characterization of <i>Sideritis clandestina</i> subsp. <i>peloponnesiaca</i> Polar Glycosides and Phytochemical Comparison to Other Mountain Tea Populations. <b>2022</b> , 27, 7613	1
696	Antioxidant Capacity of Lentil Flour Hydrolysates Obtained with Pancreatin. <b>2022</b> , 381-391	0
695	Investigation of some bioactive compounds, in vitro bioaccessibility and sensory acceptability of couscous produced by pre-gelatinized rice flour.	0
694	Antioxidant, anti-inflammatory, and antiproliferative activities of <i>Flourensia</i> spp. <b>2022</b> , 102552	0
693	Protective effect of rutin against thiram-induced cytotoxicity and oxidative damage in human erythrocytes. <b>2022</b> , 105294	0
692	Species-Specific Plant-Derived Nanoparticle Characteristics. <b>2022</b> , 11, 3139	1
691	Influence of Altitudes and Development Stages on the Chemical Composition, Antioxidant, and Antimicrobial Capacity of the Wild Andean Blueberry ( <i>Vaccinium floribundum</i> Kunth). <b>2022</b> , 27, 7525	2
690	Effects of Pre-Harvest Supplemental UV-A Light on Growth and Quality of Chinese Kale. <b>2022</b> , 27, 7763	0
689	Antioxidants of Amaranth, Quinoa and Buckwheat Wholemeals and Heat-Damage Development in Pseudocereal-Enriched Einkorn Water Biscuits. <b>2022</b> , 27, 7541	1
688	Arbuscular Mycorrhizal Fungi Increase Nutritional Quality of Soilless Grown Lettuce while Overcoming Low Phosphorus Supply. <b>2022</b> , 11, 3612	1
687	Relation Between Redox Potential and Natural Antibody Levels in Goat Kid Serum. <b>2022</b> , 110517	1
686	Protective Effects of Early Exercise on Neuroinflammation, and Neurotoxicity Associated by Traumatic Brain Injury: a behavioral and neurochemical approach. 1-21	0
685	Eco-Friendly Hybrid Materials of Tunisian Clay/Natural Flower. 1-34	0
684	Effects of Dietary Selenized <i>Bacillus subtilis</i> Peptidoglycan on Growth Performance Immunity and Antioxidant Function of Carp ( <i>Cyprinus carpio haematopterus</i> ).	0
683	Antioxidant, Anti- $\beta$ -Glucosidase, Antityrosinase, and Anti-Inflammatory Activities of Bioactive Components from <i>Morus alba</i> . <b>2022</b> , 11, 2222	1

- 682 Pharmacoinformatics-based prediction of potential Keap1 inhibitors from *Hemidesmus indicus* (L) R.Br. against oxidative stress-induced diseases. 0
- 681 7,8-Dihydroxycoumarin derivatives: In silico molecular docking and in vitro anticholinesterase activity. **2022**, 134535 0
- 680 Long-term response of dragon fruit (*Hylocereus undatus*) to transformed rooting zone of a shallow soil improving yield, storage quality and profitability in a drought prone semi-arid agro-ecosystem. **2022**, 103497 0
- 679 Phenolic profiles and antioxidant activity in different organs of *Sinopodophyllum hexandrum*. 13, 1
- 678 Evaluation of Antioxidant Activity and Biotransformation of *Opuntia Ficus* Fruit: The Effect of In Vitro and Ex Vivo Gut Microbiota Metabolism. **2022**, 27, 7568 0
- 677 Innate immune function and antioxidant capacity of nestlings of an African raptor co-vary with the level of urbanisation around breeding territories. 0
- 676 Effect of geographical location, processing and simulated digestion on antioxidant characteristics of quince (*Cydonia oblonga*). **2022**, e11435 0
- 675 FARKLI KONSANTRASYONLARDA SİYAH SARIMSAK KULLANILARAK BİRİNCİ PASTIRMA İMEN MACUNUNUN FİZYOLOJİK, ANTİOKSİDAN, TEKSTREL VE DUYUSAL ÖZELLİKLERİNİN BELİRLENMESİ 980-991 0
- 674 Nutritional value and antioxidant capacity of organic and conventional vegetables of the genus *Allium*. **2022**, 12, 1
- 673 Amlodipine: Can act as an antioxidant in patients with transfusion-dependent  $\beta$ -thalassemia? A double-blind, controlled, crossover trial. 0
- 672 Nutritive and Phytochemical Composition of Aromatic Microgreen Herbs and Spices Belonging to the Apiaceae Family. **2022**, 11, 3057 0
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- 670 Enhancement of nutraceutical and anti-diabetic potential of fenugreek (*Trigonella foenum-graecum*). Sprouts with natural elicitors. **2022**, 0
- 669 High-Pressure-Homogenized Clove and Thyme Oil Emulsions: Formulation, Stability, and Antioxidant Capacity. 0
- 668 Phenolics, Antioxidant and Antibacterial Activities of Immature and Mature *Blumea balsamifera* Leaf Extracts Eluted with Different Solvents. **2022**, 2022, 1-12 2
- 667 Comparative study of cross- and uncross-linked arabinoxylans extracted from maize bran with special reference to their structural and antioxidant potential. **2022**, 25, 2495-2504 0
- 666 Radiological health risks assessment and antioxidant activities of beehive honeys: a case study of Manisa province, Turkey. 1-16 0
- 665 Hybridization of Aminoadamantanes with Cinnamic Acid Analogues and Elucidation of Their Antioxidant Profile. **2022**, 2022, 1-11 0

- 664 Hyperglycemia enhances generation of ROS and RNS that impair antioxidant power and cause oxidative damage in human erythrocytes. 0
- 663 Value-Added from Microwave-Assisted Extraction of *Musa sapientum* Waste as an Alternative Safe and Effective Agent for the Treatment of Hyperpigmentation. 0
- 662 ZnO Nanoparticle Size-Dependent Effects on Swiss Chard Growth and Nutritional Quality. **2022**, 12, 1905 1
- 661 The Influence of Microwave Treatments on Bioactive Compounds and Antioxidant Capacity of *Mentha piperita* L.. **2022**, 15, 7789 1
- 660 Chemical Composition and Antioxidant Properties of Common and Lemon Verbena. **2022**, 11, 2247 1
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- 658 Influence of Cooking Methods on In Vitro Bioaccessibility of Phenolics, Flavonoids, and Antioxidant Activity of Red Cabbage. 0
- 657 Expression of MYB transcription factors and target genes and its association with phenolic content and antioxidant activity of selected *Solanum lycopersicum* var. *cerasiforme* accessions from Mexico. **2022**, 20, 374-384 1
- 656 Does Oxidative Stress Along with Dysbiosis Participate in the Pathogenesis of Asthma in the Obese?. 0
- 655 Effect of Different Dried Vegetable Powders on Physicochemical, Organoleptic, and Antioxidative Properties of Fat-Free Dairy Desserts. **2022**, 12, 11503 0
- 654 Structural Effects on the Antioxidant Properties of Amino Acid Betaxanthins. **2022**, 11, 2259 0
- 653 Assessment of flax and hemp fibers in terms of their impact on the growth performance and health status of weaned piglets. **2022**, 100677 0
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- 651 An exopolysaccharide from *Leuconostoc mesenteroides* showing interesting bioactivities versus foodborne microbial targets. **2022**, 120363 0
- 650 Goldenberry flour as a natural antioxidant in Bologna-type mortadella during refrigerated storage and in vitro digestion. **2022**, 109041 1
- 649 Potentially Beneficial Effects on Healthy Aging by Supplementation of the EPA-Rich Microalgae *Phaeodactylum tricornutum* or Its Supernatant: A Randomized Controlled Pilot Trial in Elderly Individuals. **2022**, 20, 716 0
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- 647 Sunlight promoted self-fenton photodegradation and pathway of doxycycline: Interactive effects of nanomaterial on bean plant and its genotoxicity against *Allium cepa*. **2022**, 137286 0

- 646 Phytochemical profiling, total flavonoid, total phenolic content and in-vitro antioxidant evaluation of Citrus maxima extract. **2022**, 42, 912-919 ○
- 645 Exploring the Potential of Grape Pomace Extract to Inhibit Thermo-Oxidative Degradation of Sunflower Oil: From Routine Tests to ATR-FTIR Spectroscopy. **2022**, 11, 3674 1
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- 643 Use of Coffee Bean Bagasse Extracts in the Brewing of Craft Beers: Optimization and Antioxidant Capacity. **2022**, 27, 7755 ○
- 642 Impact of high hydrostatic pressure (HHP) pre-treatment drying cashew (*Anacardium occidentale* L.): drying behavior and kinetic of ultrasound-assisted extraction of total phenolics compounds. ○
- 641 Ameliorative influence of *Garcinia kola* seed extracts against multiple organ toxicity in monosodium glutamate-administered Wistar rats. ○
- 640 Effect of phenylalanine treatment on chilling tolerance and biochemical attributes of grape during postharvest cold storage. **2022**, 1-17 ○
- 639 Glyceryl triacetate feeding in mice increases plasma acetate levels but has no anticonvulsant effects in acute electrical seizure models. **2022**, 137, 108964 ○
- 638 Determination of Some Physiological Parameters of Different Safflower (*Carthamus tinctorius* L.) Cultivars under Laboratory Conditions. 675-683 ○
- 637 UPLC-ESI-Q-TOF-MSE -based metabolomics analysis of Acer mono Sap and evaluation for osteogenic activity in mouse osteoblast cells. ○
- 636 Phytochemistry and Antihyperglycemic Potential of *Cistus salviifolius* L., Cistaceae. **2022**, 27, 8003 ○
- 635 Antioxidant effect of blueberry flour on the digestibility and storage of Bologna-type mortadella. **2022**, 112210 ○
- 634 Developing a bioactive and biodegradable film from modified loquat (*Eriobotrya japonica* Lindl) seed starch. ○
- 633 Effect of Alcalase Modification of Yellow Lupin (*Lupinus luteus* L.) Protein Isolate on Some Functional Properties and Antioxidant Activity. **2022**, 2022, 1-10 ○
- 632 Characterisation and storage stability of aronia anthocyanins encapsulated with combinations of maltodextrin with carboxymethyl cellulose, gum Arabic, and xanthan gum. **2022**, 135002 ○
- 631 Route exposure and adverse effects monitoring of Aflatoxin B1 in the workers of wet waste management, the role of body redox system modulation. **2022**, 248, 114305 1
- 630 Microencapsulated phenolic-rich extract from juice processing grape pomace (*Vitis labrusca*. Isabella Var): Effects on oxidative stability of raw and pre-cooked bovine burger. **2022**, 50, 102212 ○
- 629 Co-encapsulation of paprika and cinnamon oleoresin by spray drying using whey protein isolate and maltodextrin as wall material: Development, characterization and storage stability. **2022**, 112164 1

- 628 Evaluation of Phytochemical Components, Antioxidant, and Antibacterial Activities of *Coptis teeta* Walls. **2022**, 11, 140-150 ○
- 627 Formulation and evaluation of guapeva jam: nutritional properties, bioactive compounds, and volatile compounds during storage. **42**, ○
- 626 Effect of hawthorn berry pre-treatment and preservation methods on the extractability of color-determining compounds and selected antioxidative substances. **2023**, 173, 114297 ○
- 625 Ultrasound-assisted green extraction methods: An approach for cosmeceutical compounds isolation from *Macadamia integrifolia* pericarp. **2023**, 92, 106266 ○
- 624 Antioxidant capacity and combinatorial antimicrobial effects of *Nardostachys jatamansi* essential oil with conventional antibiotics against some drug resistant bacteria. **2023**, 5, 100118 ○
- 623 Comparative study on the extraction efficiency, characterization, and bioactivities of *Bletilla striata* polysaccharides using response surface methodology (RSM) and genetic algorithm-artificial neural network (GA-ANN). **2023**, 226, 982-995 ○
- 622 Pluriparmacological potential of Mascarene endemic plant leaf extracts. **2023**, 47, 102572 ○
- 621 Microwave-assisted extraction of polysaccharide from *Cinnamomum cassia* with anti-hyperpigmentation properties: Optimization and characterization studies. **2023**, 226, 321-335 ○
- 620 Organ specific phytochemical changes and antioxidant activities of in vivo and in vitro grown *Gloriosa superba* L.. **2023**, 152, 1-10 1
- 619 Rheological properties of dough by addition of wheat bran hydrolysates obtained at different temperatures. **2023**, 109, 103612 ○
- 618 Control of Black Spot Disease by Ultraviolet-B Irradiation in Rose (<i>Rosa</i> <i>hybrida</i>) Production. **2023**, ○
- 617 Structural and physicochemical characteristics, stability, toxicity and antioxidant activity of peptide-zinc chelate from coconut cake globulin hydrolysates. **2023**, 173, 114367 ○
- 616 A novel pectic polysaccharide-based hydrogel derived from okra (*Abelmoschus esculentus* L. Moench) for chronic diabetic wound healing. **2023**, 183, 111763 ○
- 615 Genotype × Environment interactions of potato tuber quality characteristics by AMMI and GGE biplot analysis. **2023**, 310, 111750 1
- 614 The effect of combined drying process (OD-CD-VMD) on nutritional, phytochemical, and sensory profiles, and biological activities of colored dried carrot. **2023**, 173, 114231 ○
- 613 Insights into the phytochemical accumulation, antioxidant potential and genetic stability in the in vitro regenerants of *Pholidota articulata* Lindl., an endangered orchid of medicinal importance. **2023**, 152, 313-320 ○
- 612 The diversity of iron acquisition strategies of calcifuge plant species from dry acidic grasslands. **2023**, 280, 153898 ○
- 611 Bioactive coatings from non-conventional loquat (*Eriobotrya japonica* Lindl.) seed starch to extend strawberries shelf-life: An antioxidant packaging. **2023**, 175, 107320 ○

- 610 Pentachlorophenol causes redox imbalance, inhibition of brush border membrane and metabolic enzymes, DNA damage and histological alterations in rat kidney. **2023**, 190, 105318 ○
- 609 Wood hemicelluloses as sustainable wall materials to protect bioactive compounds during spray drying of bilberries. **2023**, 415, 118148 ○
- 608 Two faces of TEMPO (2,2,6,6-tetramethylpiperidiny-1-oxyl) [An antioxidant or a toxin?]. **2023**, 1870, 119412 ○
- 607 Concept for the valorization of cereal processing waste: Recovery of phenolic acids by using waste-derived tetrahydrofurfuryl alcohol and biochar. **2023**, 313, 137457 ○
- 606 Profiling of phenolics in cashew nut (*Anacardium occidentale* L.) testa and evaluation of their antioxidant and antimicrobial properties. **2023**, 51, 102246 1
- 605 Ammonia toxicity in Nile tilapia: Potential role of dietary baicalin on biochemical profile, antioxidant status and inflammatory gene expression. **2023**, 28, 101434 1
- 604 Novel sources of bioactive compounds in coconut (*Cocos nucifera* L.) water from different maturity levels and varieties as potent skin anti-aging strategies and anti-fatigue agents. **2023**, 51, 102326 ○
- 603 UPLC-ESI-QTOF-MS phenolic compounds identification and quantification from ethanolic extract of *Myrtus communis* variegata [In vitro antioxidant and antidiabetic potentials]. **2023**, 16, 104447 ○
- 602 Correlation of biological activities of bark and leaves of *Terminalia arjuna* collected from different geographical regions of Himachal Pradesh, India. **2023**, 106, 104563 ○
- 601 Utilization of spray-dried raspberry powder as a natural additive to improve oxidative stability, microbial quality and overcome the perception of discoloration in vacuum-packed ground beef during chilled storage. **2023**, 197, 109072 ○
- 600 Development and optimization of novel coriander bouillon cubes using pigmented Chakhao poreiton rice as binder, physicochemical and antioxidant characterization. **2023**, 31, 100653 ○
- 599 Antioxidant, anti-inflammatory and analgesic activity of *Mimosa acutistipula* (Mart.) Benth. **2023**, 303, 115964 ○
- 598 Supercritical impregnation of polyphenols from passion fruit residue in corn starch aerogels: Effect of operational parameters. **2023**, 343, 111394 ○
- 597 Maturation of honey from Uru [Amarela (*Melipona mondury*): Metagenomics, metabolomics by NMR 1H, physicochemical and antioxidant properties. **2023**, 6, 100157 ○
- 596 Sequential Extraction of Functional Compounds from *Citrus reticulata* Pomace Using Ultrasonication Technique. **2023**, 2, 100155 ○
- 595 Gamma-irradiation of inulin improves its biological functionality and feasibility as a functional ingredient in synbiotic food. **2023**, 408, 135217 ○
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- 593 Stress response of fresh-cut potatoes to laser irradiation before processing can prevent discoloration and maintain overall quality. **2023**, 197, 112213 ○

- 592 Production of nanocomposite films functionalized with silver nanoparticles bio-reduced with rosemary (*Rosmarinus officinalis* L.) essential oil. **2023**, 11, 100479 ○
- 591 Glucosinolates breakdown and enhanced nitrile formation in gamma irradiated minimally processed cauliflower (*Brassica oleracea*). **2023**, 205, 110672 ○
- 590 Variability, heritability and trait association studies for bulb and antioxidant traits in onion (*Allium cepa*) varieties. **2019**, 89, ○
- 589 Antioxidant capacity, lipid oxidation status and expression of specific selenoprotein mRNA in Longissimus dorsi muscle of lambs (*Ovis aries*) supplemented with supranutritional selenium. **2019**, 89, ○
- 588 Effect of Differential Sieving of Amaranth, Buckwheat and Quinoa Flours on Antioxidant Properties of Flour Fractions. 41-53 ○
- 587 *Rhus longipes* (Engl.) infusions improve glucose metabolism and mitigate oxidative biomarkers in ferrous sulfate-induced renal injury. **2022**, 12, 453 ○
- 586 Synthesis of a Ag/rGO nanocomposite using *Bos taurus indicus* urine for nitroarene reduction and biological activity. **2022**, 12, 35598-35612 ○
- 585 Bioactive Compounds and Nutritional Profile of Fresh and Freeze-Dried Palmyra Palm Tender Fruit Endosperm (&lt;i>Borassus flabellifer&/i>). 469-480 ○
- 584 Evaluation of the Carotenoids Profile from *Annona muricata* and Protective Effects Against Copper Accumulation: Wilson's Disease. **2022**, 12, 392-405 ○
- 583 Investigation of Synthesis, Characterization, and Biological Activities of Water-Soluble Polymer with Horseradish Peroxidase Enzyme. **2022**, 64, 733-748 ○
- 582 Elaboration and evaluation of chicken burger patty added with oregano extract as a natural antioxidant. **2022**, 43, 2205-2220 ○
- 581 Macroporous adsorptive resin-assisted enrichment of polyphenol from *Psidium guajava* leaves improved its in vitro antioxidant and anti-hemolytic properties. 1-8 ○
- 580 The therapeutic effect of N-acetylcysteine as an add-on to methadone maintenance therapy medication in outpatients with substance use disorders: A randomized, double-blind, placebo-controlled clinical trial. ○
- 579 Metabolomic Profiling and Assessment of Phenolic Compounds Derived from *Vitis davidii* Foex Cane and Stem Extracts. **2022**, 23, 14873 ○
- 578 Physical, Nutritional, and Bioactive Properties of Mandacaru Cladode Flour (*Cereus jamacaru* DC.): An Unconventional Food Plant from the Semi-Arid Brazilian Northeast. **2022**, 11, 3814 ○
- 577 Seasonal Changes in Chemical Profile and Antioxidant Activity of *Padina pavonica* Extracts and Their Application in the Development of Bioactive Chitosan/PLA Bilayer Film. **2022**, 11, 3847 ○
- 576 Assessment of the Bioaccessibility of Carotenoids in Goji Berry (*Lycium barbarum* L.) in Three Forms: In Vitro Digestion Model and Metabolomics Approach. **2022**, 11, 3731 ○
- 575 Investigation of leafy shoots and tea products of European mistletoe (*Viscum album* L.) with special focus on their antioxidant capacity. **2022**, 25, 181-188 ○



574	Metal- and Organ-Specific Response to Heavy Metal-Induced Stress Mediated by Antioxidant Enzymes Activities, Polyamines, and Plant Hormones Levels in <i>Populus deltoides</i> . <b>2022</b> , 11, 3246	2
573	Conventional vs. Green Extraction Using Natural Deep Eutectic Solvents Differences in the Composition of Soluble Unbound Phenolic Compounds and Antioxidant Activity. <b>2022</b> , 11, 2295	0
572	Natural Compounds of <i>Lasia spinosa</i> (L.) Stem Potentiate Antidiabetic Actions by Regulating Diabetes and Diabetes-Related Biochemical and Cellular Indexes. <b>2022</b> , 15, 1466	1
571	Modulatory effect of exogenous Coenzyme Q10 on redox and inflammatory biomarkers during aging in rats.	0
570	Endophytic <i>Beauveria bassiana</i> Induces Oxidative Stress and Enhances the Growth of <i>Fusarium oxysporum</i> -Infected Tomato Plants. <b>2022</b> , 11, 3182	1
569	Synthesis and study of the biological activity of thiourea-containing amiridine derivatives as potential multi-target drugs for the treatment of Alzheimer disease. <b>2022</b> , 71, 2404-2415	0
568	Evaluation of a Comprehensive Profile of Salivary Analytes for the Diagnosis of the Equine Gastric Ulcer Syndrome. <b>2022</b> , 12, 3261	1
567	Physiological analysis of drought stress influenced by <i>Claroideoglomus claroideum</i> inoculation of in vitro or seed-propagated <i>Coleus forskohlii</i> Briq plants.	1
566	Assessment of the Nutritional and Antioxidant Properties of Five Brassicaceae (Cruciferae) Vegetable By-Products. <b>2022</b> , 51, 1166-1170	0
565	Modelling, phytochemical, aroma and antioxidant capacity of tamarillo fruits dried with convective oven equipped with programmable logical control (PLC) at different temperatures: a comparative study.	0
564	Biological synthesis of hybrid silver nanoparticles by <i>Periploca aphylla</i> Dcne. From nanotechnology to biotechnology applications. 10,	0
563	Active Compounds From <i>Inga edulis</i> Martius Seeds Against Multiple Myeloma. <b>2022</b> , 17, 1934578X2211311	0
562	Encapsulation of bioactive compounds extracted from date palm seeds ( <i>Phoenix dactylifera</i> L.) and their use in functional food. 9,	1
561	Determination of LC-MS/MS phenolic profile, antioxidant and $\alpha$ -glucosidase enzyme inhibition activities of <i>Linum mucronatum</i> Bertol. subsp. <i>armenum</i> (Bordz.) P.H.Davis.	0
560	Environmental implication of MoS <sub>2</sub> nanosheets: Effects on maize plant growth and soil microorganisms. <b>2022</b> , 160362	0
559	Quality Characteristics and Antioxidant Activity of Yanggaeng Made with Barley Sprout Powder. <b>2022</b> , 51, 1178-1184	0
558	UPLC-TOF/MS-based metabolomics reveals the chemical changes and in vitro biological effects in fermentation of white ginseng by four probiotics. 13,	0
557	Dietary <i>Arthrospira platensis</i> in Rainbow Trout ( <i>Oncorhynchus mykiss</i> ): A Means to Reduce Threats Caused by CdCl <sub>2</sub> Exposure?. <b>2022</b> , 10, 731	1



- 556 Phytochemical Composition of the Fruits and Leaves of Raspberries (*Rubus idaeus* L.) Conventional vs. Organic and Those Wild Grown. **2022**, 12, 11783 ○
- 555 Dietary Egg White Hydrolysate Prevents Male Reproductive Dysfunction after Long-Term Exposure to Aluminum in Rats. **2022**, 12, 1188 ○
- 554 Investigation on Nutritional, Phytochemical, and Antioxidant Abilities of Various Traditional Rice Varieties. ○
- 553 The Effect of Hydrolysis on the Antioxidant Activity of Olive Mill Waste. **2022**, 12, 12187 ○
- 552 Bioaccessibility and Microencapsulation of *Lactobacillus* sp. to Enhance Nham Protein Hydrolysates in Thai Fermented Sausage. **2022**, 11, 3846 ○
- 551 Physicochemical transformations of corn-based snacks with underexploited grains addition during storage: multi-analytical assessment. ○
- 550 Enhancement of in-vitro antioxidant properties and growth of amaranth seed sprouts treated with seaweed extracts. ○
- 549 Antileukemic, Antioxidant, Anti-Inflammatory and Healing Activities Induced by a Polyphenol-Enriched Fraction Extracted from Leaves of *Myrtus communis* L.. **2022**, 14, 5055 ○
- 548 UPLC-ESI-QTOF-MS Profiling of Phenolic Compounds from *Eriocephalus africanus*: In Vitro Antioxidant, Antidiabetic, and Anti-Inflammatory Potentials. **2022**, 27, 8912 ○
- 547 Vaginal delivery is associated with lower levels of thiol groups, vitamin C and ferric reducing ability in colostrum compared with caesarean section. ○
- 546 Characteristics and Properties of Acid- and Pepsin-Solubilized Collagens from the Tail Tendon of Skipjack Tuna (*Katsuwonus pelamis*). **2022**, 14, 5329 ○
- 545 Assessment of toxicity and genotoxic safety profile of novel fisetin ruthenium-p-cymene complex in mice. ○
- 544 The Influence of Subcritical Water Extraction Parameters on the Chemical Composition and Antioxidant Activity of Walnut (*Juglans regia* L.) Bark Extracts. **2022**, 12, 12490 1
- 543 Evaluation of Selected Oxidant/Antioxidant Parameters in Patients with Relapsing-Remitting Multiple Sclerosis Undergoing Disease-Modifying Therapies. **2022**, 11, 2416 ○
- 542 Heat Pump Drying of Lavender Flowers Leads to Decoctions Richer in Bioactive Compounds. **2022**, 12, 3162 ○
- 541 Portable potentiometric device for determining the antioxidant capacity. **2022**, 10, ○
- 540 Five Rutaceae family ethanol extracts alleviate H<sub>2</sub>O<sub>2</sub> and LPS-induced inflammation via NF- $\kappa$ B and JAK-STAT3 pathway in HaCaT cells. **2022**, 20, 937-947 ○
- 539 Functional Properties of Egg White Protein and Whey Protein in the Presence of Bioactive Chicken Trachea Hydrolysate and Sodium Chloride. **2022**, 14, 16782 ○

- 538 Cerrado and Pantanal fruit flours affect gut microbiota composition in healthy and post-COVID -19 individuals: An in vitro pilot fermentation study. ○
- 537 Plant-based pecan nut cake beverage enrichment of phytochemicals and antioxidant properties using multi-stage block freeze concentration. **2022**, 4, ○
- 536 Influence of Dietary Inulin on Fecal Microbiota, Cardiometabolic Risk Factors, Eicosanoids, and Oxidative Stress in Rats Fed a High-Fat Diet. **2022**, 11, 4072 ○
- 535 Prophylactic supplementation of microencapsulated *Boswellia serrata* and probiotic bacteria in metabolic syndrome rats. **2022**, 102325 ○
- 534 Extraction and characterization of phenolic compounds with antioxidant and antimicrobial activity from avocado seed (*Persea americana* mill). **2022**, 7, 1-7 ○
- 533 Emulsification of Rosemary and Oregano Aqueous Extracts and Their In Vitro Bioavailability. **2022**, 11, 3372 ○
- 532 A Lower Serum Antioxidant Capacity as a Distinctive Feature for Women with HER2+ Breast Cancer: A Preliminary Study. **2022**, 14, 5973 ○
- 531 The effect of platelet lysate on mouse ovarian structure, function and epigenetic modifications following autotransplantation. **2022**, ○
- 530 A versatile untargeted metabolomics-driven technology for rapid phytochemical profiling of stem barks of *Zanthoxylum* species with antioxidant and antimicrobial activities. ○
- 529 Effect of Celeriac Pulp Maceration by *Rhizopus* sp. Pectinase on Juice Quality. **2022**, 27, 8610 ○
- 528 Oxidative stress biomarkers in dogs with benign prostatic hyperplasia. **2022**, 75, ○
- 527 Bioengineered synthesis of phytochemical-adorned green silver oxide (Ag<sub>2</sub>O) nanoparticles via *Mentha pulegium* and *Ficus carica* extracts with high antioxidant, antibacterial, and antifungal activities. **2022**, 12, ○
- 526 Self-propelled nanojets at interfacial Schottky junctions modulated oxygen vacancies enriched for enhanced photo-Fenton degradation of organic contaminant: Improving H<sub>2</sub>O<sub>2</sub> generation and Fe<sup>3+</sup>/Fe<sup>2+</sup> cycle. **2022**, 137516 ○
- 525 Oxidized High-Density Lipoprotein Induces Endothelial Fibrosis Promoting Hyperpermeability, Hypotension, and Increased Mortality. **2022**, 11, 2469 2
- 524 Tetrapleura tetraptera curtails oxidative and proinflammatory biochemical events in lithium-pilocarpine model of status epilepticus. ○
- 523 Polydopamine-AgNPs coated acrylic fabric for antimicrobial and antioxidant textiles. ○
- 522 Improved Extraction Efficiency and Antioxidant Activity of Defatted Canola Meal Extract Phenolic Compounds Obtained from Air-Fried Seeds. **2022**, 11, 2411 1
- 521 Bioactivity and phenolics profile of aqueous and ethyl acetate extracts of *Satureja kitaibelii* Wierzb. ex Heuff. obtained by ultrasound-assisted extraction. **2022**, 12, ○

520	Elevated CO <sub>2</sub> concentration induces changes in plant growth, transcriptome, and antioxidant activity in fennel ( <i>Foeniculum vulgare</i> Mill.). 13,	0
519	Protection of Vitamin C on Oxidative Damage Caused by Long-Term Excess Iodine Exposure in Wistar Rats. <b>2022</b> , 14, 5245	0
518	Tomato fruit quality is more strongly affected by scion type and planting season than by rootstock type. 13,	0
517	<i>Planococcus maritimus</i> ML1206 Strain Enhances Stress Resistance and Extends the Lifespan in <i>Caenorhabditis elegans</i> via FOXO/DAF-16. <b>2023</b> , 21, 1	0
516	How Does Cultivar Affect Sugar Profile, Crude Fiber, Macro- and Micronutrients, Total Phenolic Content, and Antioxidant Activity on <i>Ficus carica</i> Leaves?. <b>2023</b> , 13, 30	1
515	<i>Hypsizygus marmoreus</i> as a Source of Indole Compounds and Other Bioactive Substances with Health-Promoting Activities. <b>2022</b> , 27, 8917	0
514	Comparative Investigation of Chemical Constituents of Kernels, Leaves, Husk, and Bark of <i>Juglans regia</i> L., Using HPLC-DAD-ESI-MS/MS Analysis and Evaluation of Their Antioxidant, Antidiabetic, and Anti-Inflammatory Activities. <b>2022</b> , 27, 8989	2
513	The deleterious effect of xylene-induced ear edema in rats: Protective role of dexketoprofen trometamol transdermal invasomes via inhibiting the oxidative stress/ NF- $\kappa$ B /COX-2 pathway. <b>2022</b> , 122525	0
512	The effects of extraction conditions on the antioxidant activities, total polyphenol and monomer anthocyanin contents of six edible fruits growing wild in Hungary. <b>2022</b> , 8, e12048	1
511	Evolution of the Volatile Organic Compounds, Phenols and Antioxidant Capacity during Fruit Ripening and Development of <i>Rubus ulmifolius</i> Schott Fruits. <b>2023</b> , 9, 13	0
510	Walnut Male Flowers ( <i>Juglans regia</i> L.) as a Functional Addition to Wheat Bread. <b>2022</b> , 11, 3988	1
509	Application of high-pressure homogenization to improve physicochemical and antioxidant properties of almond hulls.	0
508	The quality of garlic ( <i>Allium sativum</i> L.) as influenced by growing location. <b>2022</b> , 309-416	0
507	Development of Powdered Mixed Green Tea and Okra Beverage Product by Spray Drying. <b>2022</b> , 10, 994-1006	0
506	Do Different Substrates Affect Antioxidant Properties and Antimicrobial Activity of <i>Pleurotus ostreatus</i> ?	0
505	Syntheses and characterization of some homodimer complexes of bismuth(III) having a BiBi linkage along with molecular modeling, antimicrobial, antioxidant and cytotoxic studies. 1-15	0
504	Determination of antioxidant capacity, citric acid, phenolic compounds, physicochemical and sensory properties of Pepino marmalade yogurts enriched with erythritol and amaranth flour at different concentrations.	0
503	Evaluation of Bioactive Attributes and Emulsification Potential of Exopolysaccharide Produced by a Brown-rot Fungus <i>Fomitopsis meliae</i> AGDP-2.	0

502	Oxidative Stress and Antioxidants A Critical Review on In Vitro Antioxidant Assays. <b>2022</b> , 11, 2388	1
501	Novel schiff base as Fe <sup>3+</sup> sensor as well as an antioxidant and its theoretical studies. <b>2022</b> , 1-13	0
500	Polyphenol-rich amla seed extract exhibits reno-protective and anti-fibrotic activities in renal tubular cells and mice with kidney failure. <b>2022</b> , 12,	0
499	Polyphenolic Profile of Tunisian Thyme ( <i>Thymbra capitata</i> L.) Post-Distilled Residues: Evaluation of Total Phenolic Content and Phenolic Compounds and Their Contribution to Antioxidant Activity. <b>2022</b> , 27, 8791	0
498	The Effect of Heat-Killed <i>Lactobacillus plantarum</i> on Oxidative Stress and Liver Damage in Rats with Bile Duct Ligation-Induced Hepatic Fibrosis.	0
497	Effect of Ultra-High-Pressure Homogenization Processing on the Microbiological, Physicochemical, and Sensory Characteristics of Fish Broth. <b>2022</b> , 11, 3969	0
496	Alternative fertilization effects on peach and nectarine plant and fruit characteristics. <b>2022</b> , 547-554	0
495	Ectomycorrhizal Fungi Modulate Pedunculate Oak Heat Stress Responses through the Alternation of Polyamines, Phenolics, and Osmotica Content. <b>2022</b> , 11, 3360	1
494	Intake of <i>Lactobacillus paragasseri</i> SBT2055 improves subjective symptoms of common cold during winter season in healthy adults: A randomized, double-blind, placebo-controlled parallel-group comparative study. 9,	0
493	Effect of Cluster Drop Intensity on Nut Traits, Biochemical Properties, and Fatty Acids Composition in the 'Ekdak' Hazelnut Cultivar.	0
492	Biostimulants Application on <i>Olea europaea</i> L. in Mediterranean Conditions Increase the Production and Bioactive Compounds of Drupes and Oil. <b>2022</b> , 12, 2173	0
491	Chemical Composition and Antioxidant Activity of Asteraceae Family Plants. <b>2022</b> , 12, 12293	2
490	Application of Citrus and Apple Fibers for Formulation of Quercetin/Fiber Aggregates: Impact of Quercetin Concentration. <b>2022</b> , 11, 3582	0
489	Seasonal Variability of <i>Juniperus communis</i> L. Berry Ethanol Extracts: 2. In Vitro Ferric Reducing Ability of Plasma (FRAP) Assay. <b>2022</b> , 27, 9027	0
488	The oxidative status and Na <sup>+</sup> /K <sup>+</sup> -ATPase activity in obsessive-compulsive disorder: a case control study.	0
487	Surface Functionalization of Polyester Textiles for Antibacterial and Antioxidant Properties. <b>2022</b> , 14, 5512	0
486	Detection of new phytochemical compounds from <i>Vassobia breviflora</i> (Sendtn.) Hunz: antioxidant, cytotoxic, and antibacterial activity of the hexane extract. 1-18	0
485	Morphological, Biochemical, and Molecular Diversity of an Indian Ex Situ Collection of Pomegranate ( <i>Punica granatum</i> L.). <b>2022</b> , 11, 3518	2

484	Biochar Amendment Improves Growth and the Essential Oil Quality and Quantity of Peppermint ( <i>Mentha piperita</i> L.) Grown Under Waste Water and Reduce Environmental Contamination of Waste Water Disposal. <b>2022</b> , 130674	1
483	Powerful Potential of Polyfluoroalkyl-Containing 4-Arylhydrazinylidenepyrazol-3-Ones for Pharmaceuticals. <b>2023</b> , 28, 59	0
482	Phytochemical Constituents and Biological Activities of <i>Jasonia glutinosa</i> L.: The First Report for the Plant Growing in North Africa. <b>2022</b> , 2022, 1-11	0
481	High-Pressure-Assisted Extraction of Phenolic Compounds from Olive Leaves: optimization and Comparison with Conventional Extraction.	0
480	<i>Moringa oleifera</i> and Propolis in Cattle Nutrition: Characterization of Metabolic Activities in the Rumen In Vitro. <b>2022</b> , 12, 1237	0
479	<i>Caesalpinia palmeri</i> : First Report on the Phenolic Compounds Profile, Antioxidant and Cytotoxicity Effect.	0
478	Air Frying as a Heat Pre-treatment Method for Improving the Extraction and Yield of Canolol from Canola Seed Oil.	0
477	Dietary <i>Litsea cubeba</i> essential oil supplementation improves growth performance and intestinal health of weaned piglets. <b>2022</b> ,	0
476	Biscuits Enriched with Monofloral Bee Pollens: Nutritional Properties, Techno-Functional Parameters, Sensory Profile, and Consumer Preference. <b>2023</b> , 12, 18	0
475	Spatial Distribution of Cocoa Quality: Relationship between Physicochemical, Functional and Sensory Attributes of Clones from Southern Colombia. <b>2023</b> , 13, 15	0
474	The Antioxidant and In Vitro Wound Healing Activity of <i>Cotyledon orbiculata</i> Aqueous Extract and the Synthesized Biogenic Silver Nanoparticles. <b>2022</b> , 23, 16094	0
473	The phenolic profile and biological activities of common <i>Scorzonera</i> species from Eastern Anatolia. <b>2022</b> , 9, 538-550	0
472	Antioxidant and antidiabetic properties of extracts from three underutilized food plants of North East India.	0
471	Physicochemical and Antioxidative Properties of Ultrasound-Assisted Extraction of Mahua ( <i>Madhuca longifolia</i> ) Seed Oil In Comparison with Conventional Soxhlet and Mechanical Extractions. <b>2022</b> , 106280	1
470	Upcycling Rocha do Oeste Pear Pomace as a Sustainable Food Ingredient: Composition, Rheological Behavior and Microstructure Alone and Combined with Yeast Protein Extract. <b>2023</b> , 28, 179	1
469	Phytonutrient and antinutrient components profiling of Ahrendt bark and leaves. <b>2022</b> , 102517	0
468	Acarbose, an $\alpha$ -glucosidase inhibitor, maintains altered redox homeostasis during aging by targeting glucose metabolism in rat erythrocytes.	0
467	Effect of ultra-high pressure pretreatment on the phenolic profiles, antioxidative activity and cytoprotective capacity of different phenolic fractions from Que Zui tea. <b>2022</b> , 135271	1

- 466 Myeloperoxidase enzyme and Ferric-reducing antioxidant power concentrations in lean and obese dogs. 0
- 465 Effect of Gastrointestinal Digestion on the Bioaccessibility of Phenolic Compounds and Antioxidant Activity of Fermented Aloe vera Juices. **2022**, 11, 2479 1
- 464 Investigating the Antioxidant Potential of Bell Pepper Processing By-Products for the Development of Value-Added Sausage Formulations. **2022**, 12, 12421 0
- 463 Nueva informaci3n del perfil de compuestos bioactivos, potencial antioxidante y antiproliferativo de *Parkinsonia praecox* (Fabaceae). **2022**, 0
- 462 Natural Deep Eutectic Solvent-Based Matrix Solid Phase Dispersion (MSPD) Extraction for Determination of Bioactive Compounds from Sandy Everlasting (*Helichrysum arenarium* L.): A Case of Stability Study. **2022**, 11, 3468 0
- 461 Chemical composition, morphology, antioxidant, and fuel properties of pine nut shells within a biorefinery perspective. 0
- 460 Valorization of Raw Coffee Beans (*Coffea arabica* and *Coffea canephora*) through Solvent Development and Extraction of Bioactive Compounds. **2022**, 9, 423 0
- 459 Maternal supplementation of nano-selenium in a plant-based diet improves antioxidant competence of female Arabian yellowfin sea bream (*Acanthopagrus arabicus*) breeders and their progeny. **2022**, 247, 107157 0
- 458 Antioxidant activity and phenolic composition of propolis from Marmara region, Turkey. 1-7 1
- 457 Antioxidant Activity and Mineral Content in Unripe Fruits of 10 Apple Cultivars Growing in the Northern Part of Korea. **2023**, 9, 114 0
- 456 Circular Economy for Food Industry Waste: Development and Characterization of Spray-Dried Acid Whey Encapsulated in Millet Matrix. 0
- 455 An In Vitro Study of the Healing Potential of Black Mulberry (*Morus nigra* L.) Extract in a Liposomal Formulation. **2023**, 13, 1041 0
- 454 Novel Hybrid Indole-Based Caffeic Acid Amide Derivatives as Potent Free Radical Scavenging Agents: Rational Design, Synthesis, Spectroscopic Characterization, In Silico and In Vitro Investigations. **2023**, 13, 141 0
- 453 *Gentiana lutea* attenuates hepatotoxicity induced by ketoconazole in rats by fortifying the cellular antioxidant defense system. **2023**, 84, 0
- 452 Comparative Assessment of Functional Components and Antioxidant Activities between *Hippophae rhamnoides* ssp. *sinensis* and *H. tibetana* Berries in Qinghai Tibet Plateau. **2023**, 12, 341 0
- 451 Protective effects of melatonin against fluoride-induced oxidative stress in rats at high altitude. **2019**, 89, 0
- 450 Growth, Phytochemicals, and Antioxidant Activity of Kale Grown under Different Nutrient-Solution Depths in Hydroponic. **2023**, 9, 53 0
- 449 8,9-Dihydrocannabidiol, an Alternative of Cannabidiol, Its Preparation, Antibacterial and Antioxidant Ability. **2023**, 28, 445 2

- 448 Evaluation of the Role of Soybean Lecithin, Egg Yolk Lecithin, and Krill Oil in Promoting Ovarian Development in the Female Redclaw Crayfish *Cherax quadricarinatus*. **2023**, 2023, 1-16 ○
- 447 Assessment of Oxidative Stress Indices and Total Phenolics Concentrations in Obese Adult Women The Effect of Training with Supplemental Oxygen: A Randomized Controlled Trial. **2023**, 15, 241 ○
- 446 Phenotypic and molecular analyses in diploid and tetraploid genotypes of *Solanum tuberosum* L. reveal promising genotypes and candidate genes associated with phenolic compounds, ascorbic acid contents, and antioxidant activity. 13, ○
- 445 Determination of Caffeine, Theobromine, and Theophylline by HPLC-DAD in Beverages Commonly Consumed in Lima, Peru. **2023**, 2023, 1-11 ○
- 444 Discriminant Analysis of Brazilian Stingless Bee Honey Reveals an Iron-Based Biogeographical Origin. **2023**, 12, 180 ○
- 443 Effect of Silver nanoparticles exposure on oxidative stress in blue swimmer crab (*Portunus pelagicus*). ○
- 442 Blue and red light proportion affects growth, nutritional composition, antioxidant properties and volatile compounds of *Toona sinensis* sprouts. **2023**, 173, 114400 ○
- 441 Chemical characterization of different parts of noni (*Morinda citrifolia*) fruit and its freeze-dried pulp powder with emphasis on its bioactive compounds and antioxidant activities. 43, ○
- 440 Ultrasound-Assisted Extraction of Specific Phenolic Compounds from *Petroselinum crispum* Leaves Using Response Surface Methodology and HPLC-PDA and Q-TOF-MS/MS Identification. **2023**, 13, 798 1
- 439 Revalorisation of Sage (*Salvia lavandulifolia* Vahl) By-Product Extracts as a Source of Polyphenol Antioxidants for Novel Jelly Candies. **2023**, 12, 159 1
- 438 Perilla seed oil improves bone health by inhibiting bone resorption in healthy Japanese adults: A 12-month, randomized, double-blind, placebo-controlled trial. ○
- 437 Beeswax Alcohol and Fermented Black Rice Bran Synergistically Ameliorated Hepatic Injury and Dyslipidemia to Exert Antioxidant and Anti-Inflammatory Activity in Ethanol-Supplemented Zebrafish. **2023**, 13, 136 ○
- 436 Determination of antioxidant and antibacterial properties of *Tradescantia spathacea* root extracts. ○
- 435 Serological and Uterine Biomarkers for Detecting Endometritis in Mares. **2023**, 13, 253 ○
- 434 Effects of tree age on flavonoids and antioxidant activity in *Torreya grandis* nuts via integrated metabolome and transcriptome analyses. ○
- 433 Postharvest Treatment with Abscisic Acid Alleviates Chilling Injury in Zucchini Fruit by Regulating Phenolic Metabolism and Non-Enzymatic Antioxidant System. **2023**, 12, 211 ○
- 432 Impact of pink rock salt and *Lactobacillus* spp. on physico-chemical, microbiological properties, phenolic profile and sugar level of apple peel. ○
- 431 Maternal Adherence to a Dietary Approaches to Stop Hypertension (DASH) Dietary Pattern and the Relationship to Breast Milk Nutrient Content. ○



430	Application of Response Surface Method in Pulsed Ultrasound-Assisted Extraction of Complex Plant Materials: A Case Study on Cannabis sativa L.. <b>2023</b> , 13, 760	1
429	Storage stability of texture, organoleptic, and biological properties of goat milk yogurt fermented with probiotic bacteria. <b>9</b> ,	0
428	A Combination of Taurine and Caffeine in Stallion Semen Extender Positively Affects the Spermatozoa Parameters. <b>2023</b> , 12, 320	0
427	Cinnamomum sp. and Pelargonium odoratissimum as the Main Contributors to the Antibacterial Activity of the Medicinal Drink Horchata: A Study Based on the Antibacterial and Chemical Analysis of 21 Plants. <b>2023</b> , 28, 693	0
426	Physical, Chemical and Functional Attributes of Neera Honey Infused Extrudates. <b>2023</b> , 10, 114	0
425	Isolation, purification and characterization of quercetin from Cucumis sativus peels; its antimicrobial, antioxidant and cytotoxicity evaluations. <b>2023</b> , 13,	0
424	Effects of three biological combined with chemical methods on the microstructure, physicochemical properties and antioxidant activity of millet bran dietary fibre. <b>2023</b> , 135503	0
423	HMG CoA reductase inhibition mediated hypocholesterolemic potential of myricetin and quercetin: in-silico and in-vivo studies. <b>2023</b> , 21, 115-125	0
422	Effects of dietary supplementation with chlorogenic acid on growth performance, antioxidant capacity, and hepatic inflammation in broiler chickens subjected to diquat-induced oxidative stress. <b>2023</b> , 102479	0
421	Phenolic Compounds Profiling and Their Antioxidant Capacity in the Peel, Pulp, and Seed of Australian Grown Avocado. <b>2023</b> , 12, 185	2
420	Valorization of discarded red beetroot through the recovery of bioactive compounds and the production of pectin by surfactant-assisted microwave extraction. <b>2023</b> , 135995	0
419	Jaboticaba ( Myrciaria jaboticaba ) peel and seed powder associated with bioprocessing improves functional and nutritional quality of whole-wheat bread.	0
418	Valorization of the Antioxidant Effect of Mantua PGI Pear By-Product Extracts: Preparation, Analysis and Biological Investigation. <b>2023</b> , 12, 144	0
417	Phytochemical and biological properties of the water extract from roots and leaves of Lactuca longidentata, an endemic phytoalimurgic (food) species of central Sardinia (Italy). 1-18	0
416	Agronomic Performance and Phytochemical Profile of Lettuce Grown in Anaerobic Dairy Digestate. <b>2023</b> , 13, 182	0
415	HPLC fingerprint of thirty seven hop granulates with antioxidant activity tests and chemometric calculations.	0
414	Antioxidant activity of tempe fermented with three different Rhizopus species. <b>2023</b> ,	0
413	Effect of Beetroot Powder Incorporation on Functional Properties and Shelf Life of Biscuits. <b>2023</b> , 12, 322	0



412	Trichoderma asperellum promotes the development and antioxidant activity of white onion ( <i>Allium cepa</i> L.) plants.	0
411	Antioxidant Activities of Hydroxylated Naphthalenes: the Role of Aryloxy Radicals.	0
410	The Protective Effect of <i>Lasia spinosa</i> (Linn.) Dissipates Chemical-Induced Cardiotoxicity in an Animal Model.	0
409	<i>Hermetia illucens</i> frass improves the physiological state of basil ( <i>Ocimum basilicum</i> L.) and its nutritional value under drought. <b>2023</b> , 18, e0280037	0
408	Investigation of antioxidant, anti-ulcer, and analgesic potential of a metal-curcumin complex.	0
407	Optimizing the extraction of phenolic antioxidants from date palm fruit by simplex-centroid solvent mixture design. <b>2023</b> , 9, e12738	0
406	Phenolic compounds and antioxidant activity in <i>Cucurbita ficifolia</i> fruits, an underrated fruit. 9,	0
405	Potential of <i>Suaeda nudiflora</i> and <i>Suaeda fruticosa</i> to Adapt to High Salinity Conditions. <b>2023</b> , 9, 74	1
404	Characterisation of Korean rice wine (makgeolli) prepared by different processing methods. <b>2023</b> , 6, 100420	1
403	Dragon Fruit Peel Extract Enriched-Biocomposite Wrapping Film: Characterization and Application on Coconut Milk Candy. <b>2023</b> , 15, 404	0
402	Antifungal potential of aqueous extracts of coconut ( <i>Cocos nucifera</i> L.) by-products against blue mold disease on Persian lime during storage. <b>2023</b> , 109632	0
401	Implication of solvent polarities on browntop millet ( <i>Urochloa ramosa</i> ) phenolic antioxidants and their ability to protect oxidative DNA damage and inhibit $\alpha$ -amylase and $\alpha$ -glucosidase enzymes. <b>2023</b> , 135474	0
400	Effects of dietary plant protein sources intake on growth, digestive enzyme activity, edible tissue nutritional status and intestinal health of the omnivorous Redclaw crayfish, <i>Cherax quadricarinatus</i> . 1-18	0
399	DPPH and FRAP assays for different extracts of in vitro and in vivo grown plantlets of <i>Bacopa monnieri</i> L..	0
398	Evaluation of the release, stability and antioxidant activity of Brazilian red propolis extract encapsulated by spray-drying, spray-chilling and using the combination of both techniques. <b>2023</b> , 164, 112423	1
397	<i>Brassica juncea</i> and the Se-hyperaccumulator <i>Stanleya pinnata</i> exhibit a different pattern of chromium and selenium accumulation and distribution while activating distinct oxidative stress-response signatures. <b>2023</b> , 320, 121048	1
396	Influence of environmental conditions on the production of nutraceuticals in Italian edible plant landraces. <b>2023</b> , 165, 112483	0
395	Antioxidant capacity and sensory quality of soy-based powder drink mix enriched with functional hydrolysates of swiftlet ( <i>Aerodramus fuciphagus</i> ). <b>2023</b> , 16, 104553	0

- 394 Clinical, demographic and oxidative profile of patients with COVID-19 and disease severity. **2023**, 105, 115886 ○
- 393 Foliar Selenium Nanoparticles Application Promotes the Growth of Maize (*Zea mays* L.) Seedlings by Regulating Carbon, Nitrogen and Oxidative Stress Metabolism. **2023**, 311, 111816 ○
- 392 Evaluation of biochemical and molecular response of onion breeding lines to drought and salt stresses. **2023**, 311, 111802 ○
- 391 Mass spectrometry-based metabolomics approach and in vitro assays revealed promising role of 2,3-dihydroquinazolin-4(1H)-one derivatives against colorectal cancer cell lines. **2023**, 182, 106378 ○
- 390 Antioxidant and anti-inflammatory potential of rhizome aqueous extract of sea holly (*Eryngium maritimum* L.) on Jurkat cells. **2023**, 305, 116120 ○
- 389 Bioactive Properties of Instant Chicory Melanoidins and Their Relevance as Health Promoting Food Ingredients. **2023**, 12, 134 1
- 388 Morphological and biochemical responses of selected *Ocimum* species under drought. **2022**, 68, 1-10 ○
- 387 Response of Strawberry to the Substitution of Blue Light by Green Light in an Indoor Vertical Farming System. **2023**, 13, 99 ○
- 386 Micronization Effects on Structural, Functional, and Antioxidant Properties of Wheat Bran. **2023**, 12, 98 ○
- 385 Antioxidant Activity and Oxidative Stability of Fenugreek Seed Fractions. **2022**, 51, 1281-1288 ○
- 384 UHPLC-Triple-TOF-MS Characterization, Antioxidant, Antimicrobial and Antiproliferative Activity of Raspberry (*Rubus idaeus* L.) Seed Extracts. **2023**, 12, 161 1
- 383 Protective Effects of Auraptene against Free Radical-Induced Erythrocytes Damage. **2022**, 25, 344-353 ○
- 382 Antioxidative Effect of *Amomum testaceum* Ridl. Extract for Protecting against Vascular Dementia. **2022**, 2022, 1-10 ○
- 381 Antioxidant response of *Impatiens walleriana* L. to drought. **2022**, 118, 1 ○
- 380 Antibacterial, Antioxidant Activities of *Acer tegmentosum* Maxim Ethanol Extract Against *Staphylococcus aureus*. **2022**, 49, 339-346 ○
- 379 Evaluation of Chokeberry/Carboxymethylcellulose Hydrogels with the Addition of Disaccharides: DART-TOF/MS and HPLC-DAD Analysis. **2023**, 24, 448 ○
- 378 New Synthetic Quinoline (Qui) Derivatives as Novel Antioxidants and Potential HSA Antioxidant Activity Modulators Spectroscopic Studies. **2023**, 28, 320 ○
- 377 Inhibition of Cell Proliferation and Induction of Cell Cycle Arrest in Colon Cancer Cells by Lyophilized Mango (*Mangifera indica* L.) Pulp Extract. **2022**, 27, 436-447 1

376	Wood Fiber-Based Growing Media for Strawberry Cultivation: Effects of Incorporation of Peat and Compost. <b>2023</b> , 9, 36	0
375	Design, Synthesis and Evaluation of New Multifunctional Benzothiazoles as Photoprotective, Antioxidant and Antiproliferative Agents. <b>2023</b> , 28, 287	1
374	Improved Stabilization and In Vitro Digestibility of Mulberry Anthocyanins by Double Emulsion with Pea Protein Isolate and Xanthan Gum. <b>2023</b> , 12, 151	0
373	Antioxidant profile of hot and sweet pepper cultivars by two extraction methods. <b>2022</b> , 40, 411-417	0
372	In Vitro and In Vivo Study of the Impact of Excipient Emulsions on the Bioavailability and Antioxidant Activity of Flavonoids: Influence of the Carrier Oil Type.	0
371	Effect of Diet and Supplementation on Serum Vitamin C Concentration and Antioxidant Activity in Dialysis Patients. <b>2023</b> , 15, 78	0
370	Effect of Apple Juice Enrichment with Selected Plant Materials: Focus on Bioactive Compounds and Antioxidant Activity. <b>2023</b> , 12, 105	4
369	Determination and correlation of carotenoid pigments and their antioxidant activities in marigold ( <i>Tagetes sp.</i> ) flowers. <b>2017</b> , 87,	0
368	Pigmented radish ( <i>Raphanus sativus</i> ): Genetic variability, heritability and interrelationships of total phenolics, anthocyanins and antioxidant activity. <b>2017</b> , 87,	0
367	Effect of methyl jasmonate on physico-chemical properties of mango ( <i>Mangifera indica</i> ) fruits cv Dashehari during cold storage. <b>2018</b> , 88, 1779-1783	0
366	Hplc-Esi-Qtof-Ms/Ms Analysis on Ultrasonic-Assisted Extraction of Phenolic Compounds from Okra and Their Antioxidant Activity.	0
365	The Influence of the Use of Different Polysaccharide Coatings on the Stability of Phenolic Compounds and Antioxidant Capacity of Chokeberry Hydrogel Microcapsules Obtained by Indirect Extrusion. <b>2023</b> , 12, 515	0
364	Syringic acid Attenuates Oxidative Stress in Plasma and Peripheral Blood Mononuclear Cells of Patients with Acute Myeloid Leukemia. 1-12	0
363	Metabolite Profiling and Bioactivities of Leaves, Stems, and Flowers of <i>Rumex usambarensis</i> (Dammer) Dammer, a Traditional African Medicinal Plant. <b>2023</b> , 12, 482	0
362	Niosomes for Topical Application of Antioxidant Molecules: Design and In Vitro Behavior. <b>2023</b> , 9, 107	2
361	Enhancement of nutritional, antioxidant and potential antidiabetic properties of fermented maize flour by partial substitution with <i>Curculigo pilosa</i> and sensory attributes of its gruel. <b>2023</b> , 3, 98-106	0
360	Pomegranate attenuates kidney injury in cyclosporine-induced nephrotoxicity in rats by suppressing oxidative stress. <b>2023</b> , 21,	0
359	Anti-diabetic Effects of Two Species of <i>Eryngium</i> on Streptozotocin-induced Diabetic Mice. <b>2023</b> , In Press,	0

- 358 The State of the Art and Challenges of In Vitro Methods for Human Hazard Assessment of Nanomaterials in the Context of Safe-by-Design. **2023**, 13, 472 ○
- 357 The Anti-Inflammatory and Antioxidant Impact of Dietary Fatty Acids in Cardiovascular Protection in Older Adults May Be Related to Vitamin C Intake. **2023**, 12, 267 ○
- 356 Nano-copper Enhances Gene Regulation of Non-specific Immunity and Antioxidative Status of Fish Reared Under Multiple Stresses. ○
- 355 Impacts of Proanthocyanidin Binding on Conformational and Functional Properties of Decolorized Highland Barley Protein. **2023**, 12, 481 ○
- 354 Physiological and Biochemical Responses of Apple (*Malus domestica* Borkh.) to Biostimulants Application and Substrate Additives under Salinity Stress. **2023**, 13, 1290 ○
- 353 Effects of Metal Concentration, pH, and Temperature on the Chlorophyll Derivative Content, Green Colour, and Antioxidant Activity of Amaranth (*Amaranthus viridis*) Purees. **2023**, 13, 1344 ○
- 352 Antioxidant status in the blood, liver and muscle tissue of turkey hens receiving a diet with alfalfa protein concentrate. **2023**, 102521 ○
- 351 Antidiabetes study of *Spondias mombin* (Linn) stem bark fractions in high-sucrose diet-induced diabetes in *Drosophila melanogaster*. **2023**, ○
- 350 Cytophilic Agarose-Epoxy-Amine Cryogels Engineered with Granulated Microstructures. ○
- 349 Biochemical characterization and insights into the potency of the acidic *Aspergillus niger* NRC114 purified  $\beta$ -galactosidase in removing raffinose family oligosaccharides from soymilk yogurt. **2023**, 23, ○
- 348 The relationship between food quality score with inflammatory biomarkers, and antioxidant capacity in young women. **2023**, 11, ○
- 347 Antioxidants obtained from marine sources. **2023**, 45-56 ○
- 346 Anti-leishmanial, immunomodulatory and anti-oxidative activity of quercetin against cutaneous leishmaniasis caused by *Leishmania major*. **2023**, 13, 26 ○
- 345 Evaluation of the phytoconstituents and bioactivity potentials of Sea buckthorn (*Hippophae* sp.) leaves using GC-MS, HPLC-PDA and ICP-MS: a gender-based comprehensive metabolic profiling. ○
- 344 Organochlorine pesticides induce thyroid tumors through oxidative stress; an in vivo and in silico study. ○
- 343 Proximate Composition and Antioxidant Activity of Selected Morphological Parts of Herbs. **2023**, 13, 1413 ○
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- 340 Biomarkers of oxidative stress and reproductive complications. **2023**, ○
- 339 Investigation of Anti-Inflammatory Properties, Phytochemical Constituents, Antioxidant, and Antimicrobial Potentials of the Whole Plant Ethanolic Extract of *Achillea santolinoides* subsp. *wilhelmsii* (K. Koch) Greuter of Balochistan. **2023**, 2023, 1-12 ○
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- 337 Synthesis, Molecular Docking, and Bioactivity Study of Novel Hybrid Benzimidazole Urea Derivatives: A Promising  $\alpha$ -Amylase and  $\beta$ -Glucosidase Inhibitor Candidate with Antioxidant Activity. **2023**, 15, 457 ○
- 336 Technique for order preference by similarity to ideal solution (TOPSIS): a MCDM approach for selecting suitable solvent considering biochemical profiles and in vitro antibacterial efficacy of petioles of betel leaf (*Piper betle* L.). ○
- 335 The Effect of Nonthermal Pretreatment on the Drying Kinetics and Quality of Black Garlic. **2023**, 28, 962 ○
- 334 Bleaching Agents as Toxic Compounds and Biomarkers of Damage. **2023**, 851-873 ○
- 333 Siyah havu $\beta$ osas $\beta$ n $\beta$  radyo frekans kurutma sistemiyle kurutulmas $\beta$ ve kalite  $\beta$ ellikleri  $\beta$ erine etkisi. **2023**, 12-20 ○
- 332 The Influence of Biopolymer Coating Based on Pumpkin Oil Cake Activated with *Mentha piperita* Essential Oil on the Quality and Shelf-Life of Grape. **2023**, 13, 299 ○
- 331 Characteristics and Antioxidant Activity of Maillard Reaction Products from  $\beta$ -Lactoglobulin and Isomaltooligosaccharide. ○
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- 329 Polyphenol Extracts from Sage (*Salvia lavandulifolia* Vahl) By-Products as Natural Antioxidants for Pasteurised Chilled Yoghurt Sauce. **2023**, 12, 364 ○
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- 327 The influence of aqueous butterfly pea (*Clitoria ternatea*) flower extract on active and intelligent properties of furcellaran Double-Layered films - in vitro and in vivo research. **2023**, 413, 135612 ○
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- 325 Design, synthesis, antioxidant and anticholinesterase activities of novel isonicotinic hydrazide-hydrazone derivatives. **2023**, 1279, 135037 ○
- 324 Standardization of storage conditions of marigold (*Tagetes* sp.) petal extract for retention of carotenoid pigments and their antioxidant activities. **2017**, 87, ○
- 323 Alyssum filiforme Bitkisinin Antimikrobiyal, Antibiyofilm, Antioksidan Aktivitesinin ve Fenolik Profilinin Belirlenmesi. ○

- 322 Antioxidant capacity of seaweeds: In vitro and in vivo assessment. **2023**, 299-341 ○
- 321 Antioxidative potential of pomegranate peel extract: In vitro and in vivo studies. **2023**, 54, 9-18 ○
- 320 Juice Powders from Rosehip (*Rosa canina* L.): Physical, Chemical, and Antiglycation Properties. **2023**, 28, 1674 ○
- 319 Onion (*Allium cepa* L.) Yield and Quality Depending on Biostimulants and Nitrogen Fertilization: A Chemometric Perspective. **2023**, 11, 684 ○
- 318 Stillage Waste from Strawberry Spirit Production as a Source of Bioactive Compounds with Antioxidant and Antiproliferative Potential. **2023**, 12, 421 ○
- 317 Neuroprotective activity of novel phenanthrene derivative from *Grewia tiliaefolia* by in vitro and in silico studies. **2023**, 13, ○
- 316 Analysis of physicochemical characteristics, antioxidant activity, and key aroma compounds of five flat peach cultivars grown in Xinjiang. **2023**, 176, 114550 ○
- 315 Effect of Wide-Spectrum Monochromatic Lights on Growth, Phytochemistry, Nutraceuticals, and Antioxidant Potential of In Vitro Callus Cultures of *Moringa oleifera*. **2023**, 28, 1497 ○
- 314 Enhanced Nutraceutical Properties of Extra Virgin Olive Oil Extract by Olive Leaf Enrichment. **2023**, 15, 1073 ○
- 313 The oxidative balance and stopover departure decisions in a medium- and a long-distance migrant. **2023**, 11, ○
- 312 Serum from Adolescents with High Polyphenol Intake Exhibits Improved Lipid Profile and Prevents Lipid Accumulation in HepG2 Human Liver Cells. **2023**, 2023, 1-12 ○
- 311 Identifying Bioactive Ingredients and Antioxidant Activities of Wild *Sanghuangporus* Species of Medicinal Fungi. **2023**, 9, 242 ○
- 310 Antimicrobial, Antibiofilm, and Antioxidant Potentials of Four Halophytic Plants, *Euphorbia chamaesyce*, *Bassia arabica*, *Fagonia mollis*, and *Haloxylon salicornicum*, Growing in Qassim Region of Saudi Arabia: Phytochemical Profile and In Vitro and In Silico Bioactivity Investigations. **2023**, 12, 501 ○
- 309 Improvement in the Phytochemical Content and Biological Properties of *Stevia rebaudiana* (Bertoni) Bertoni Plant Using Endophytic Fungi *Fusarium fujikuroi*. **2023**, 12, 1151 1
- 308 Young and mature leaves of *Azadirachta indica* (neem) display different antidiabetic and antioxidative effects. **2023**, 10, 316-328 ○
- 307 Intra-Species Variations of Bioactive Compounds of Two *Dictyota* Species from the Adriatic Sea: Antioxidant, Antimicrobial, Dermatological, Dietary, and Neuroprotective Potential. **2023**, 12, 857 ○
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- 305 Effect of in vitro digestion and fermentation on antioxidant capacity of weight loss foods and Maillard reaction products content. **2023**, 166, 112616 ○

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- 297 Techno-economic assessment of subcritical water hydrolysis of brewer's spent grains to recover xylo-oligosaccharides. **2023**, 196, 105895 ○
- 296 The influence of vitamin D supplementation and strength training on health biomarkers and chromosomal damage in community-dwelling older adults. **2023**, 61, 102640 ○
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- 291 AMPK activation by AICAR reduces diet induced fatty liver in C57BL/6 mice. **2023**, 82, 102054 ○
- 290 Biosorption of bioactive compounds in bacterial nanocellulose: Mechanisms and physical-chemical properties. **2023**, 240, 124349 ○
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- 287 Phytochemical and biological activity profiles of *Thymbra linearifolia*: An exclusively native species of Libyan Green mountains. **2023**, 16, 104775 ○



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- 285 Effects of dietary pomegranate seed oil addition to diets for laying hens on fatty acid profile of eggs. **2023**, 300, 115643 ○
- 284 Conventional water bath heating on undried brewer's spent grain: Functionality, fatty acids, volatiles, polyphenolic and antioxidant properties. **2023**, 53, 102523 ○
- 283 Phytochemical analysis, in-vitro biological activities and Pearson correlation of total polyphenolic content with antioxidant activities of *Ziziphus mauritiana* fruit pulp and seed during different ripening stages. **2023**, 157, 346-354 ○
- 282 Effects of cadmium chloride and biofertilizer (Bacilar) on biochemical parameters of freshwater fish, *Alburnus mossulensis*. **2023**, 268, 109614 ○
- 281 The effect of ultrasound on improving the extraction of tannins from the *Stryphnodendron adstringens* bark. **2023**, 33, 101044 ○
- 280 Enhancement of solubility, thermal stability and bioaccessibility of vitexin using phosphatidylcholine-based phytosome. **2023**, 31, 28-38 ○
- 279 Chemical characterization, in vitro and in vivo evaluation of chitosan-Aloe marlothii gel loaded nanoparticles on acetaminophen-induced hepatitis in mice. **2023**, 157, 1-9 ○
- 278 Oral administration of curcumin and gallic acid alleviates pentachlorophenol-induced oxidative damage in rat intestine. **2023**, 176, 113745 ○
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- 266 Discerning the proximate composition, anti-oxidative and prebiotic properties of de-oiled meals: Mustard and Rice-bran. **2023**, 2, 100247 ○
- 265 Maternal-fetal toxicity of *Strychnos pseudoquina* extract treatment during pregnancy. **2023**, 311, 116459 ○
- 264 Effects of Transport and Feeding Strategies Before Transportation on Redox Homeostasis and Gastric Ulceration in Horses. **2023**, 126, 104268 ○
- 263 Production of small peptides and low molecular weight amino acids by subcritical water from fish meal: Effect of pressurization agent. **2023**, 418, 135925 ○
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- 260 Erythroprotective Potential of Phycobiliproteins Extracted from *Porphyridium cruentum*. **2023**, 13, 366 ○
- 259 Characterization of Green and Yellow Papaya (*Carica papaya*) for Anti-Diabetic Activity in Liver and Myoblast Cells and Wound-Healing Activity in Fibroblast Cells. **2023**, 15, 1929 ○
- 258 Effects of replacing inorganic salts of trace minerals with organic trace minerals in the diet of prepartum cows on quality of colostrum and immunity of newborn calves. **2023**, ○
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- 253 In vitro bioactive metabolite production and plant regeneration of medicinal plant *Angelica sinensis*. **2023**, 194, 116276 ○
- 252 Active substances and colour characteristics of Peppermint (*Mentha x piperita* L.) leaves influenced by different preservation methods. **2022**, 68, 207-208 ○
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- 248 Microwave-Assisted Extraction of Carrageenan from *Sarcopeltis skottsbergii*. **2023**, 21, 83 ○
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- 239 PHYTOCHEMICAL SCREENING, ANTIOXIDANT AND ANTI-INFLAMMATORY ACTIVITY OF *LITSEA GHATICA* STEM BARK. **2023**, 60, 44-49 ○
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- 237 Leafy Vegetables-Agronomic Variables, Nitrate, and Bioactive Compounds Have Different Responses to Bokashi, Mineral Fertilization, and Boiled Chicken Manure. **2023**, 9, 194 ○
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