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A critical review of methods for characterisation of polyphenolic compounds in fruits and vegetables

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946	Application of ionic liquid-based surfactants in the microwave-assisted extraction for the determination of four main phloroglucinols from Dryopteris fragrans. 2012 , 35, 3600-8		19
945	Lipase catalyzed acetylation of 3,5,4Ntrihydroxystilbene: optimization and kinetics study. 2012 , 35, 113	7-45	2
944	Fortification of dietary biopolymers-based packaging material with bioactive plant extracts. 2012 , 49, 80-91		60
943	Biological activities of purified marennine, the blue pigment responsible for the greening of oysters. 2012 , 60, 3599-605		48
942	BioElectronic Tongue for the quantification of total polyphenol content in wine. 2012 , 99, 544-51		49
941	Ionic liquids based simultaneous ultrasonic and microwave assisted extraction of phenolic compounds from burdock leaves. 2012 , 716, 28-33		76
940	Determination of polyphenolic content in beverages using laccase, gold nanoparticles and long wavelength fluorimetry. 2012 , 713, 1-6		19
939	Determination of total polyphenol index in wines employing a voltammetric electronic tongue. 2012 , 732, 172-9		88

(2012-2012)

938	Characterization of cocoa liquors by GC-MS and LC-MS/MS: rocus on alkylpyrazines and riavanols. 2012 , 47, 1191-7	22
937	Effect of mineral-enriched diet and medicinal herbs on Fe, Mn, Zn, and Cu uptake in chicken. 2012 , 6, 19	18
936	Observation of the location and form of anthocyanin in purple potato using time-resolved fluorescence. 2012 , 16, 61-68	18
935	Analysis and Antioxidant Capacity of Anthocyanin Pigments. Part III: An Introduction to Sample Preparation and Extraction. 2012 , 42, 284-312	13
934	Analysis and Antioxidant Capacity of Anthocyanin Pigments. Part IV: Extraction of Anthocyanins. 2012 , 42, 313-342	39
933	Applications of liquid chromatography-mass spectrometry for food analysis. 2012 , 1259, 74-85	134
932	Olive leaf phenolics and cardiovascular risk reduction: Physiological effects and mechanisms of action. 2012 , 1, 125-140	25
931	Agricultural residues as a source of bioactive natural products. 2012 , 11, 447-466	139
930	Supercritical Carbon Dioxide Extraction of Polyphenols from Pomegranate (Punica granatum L.) Leaves: Chemical Composition, Economic Evaluation and Chemometric Approach. 2012 , 1, 282	27
929	Biological Oxidations and Antioxidant Activity of Natural Products. 2012,	8
928	Plant Polyphenols as Antioxidants Influencing the Human Health. 2012,	14
927	Recent developments on polyphenolprotein interactions: effects on tea and coffee taste, antioxidant properties and the digestive system. 2012 , 3, 592-605	225
926	Analysis and Antioxidant Capacity of Anthocyanin Pigments. Part I: General Considerations Concerning Polyphenols and Flavonoids. 2012 , 42, 102-125	66
925	Analysis and Antioxidant Capacity of Anthocyanin Pigments. Part II: Chemical Structure, Color, and Intake of Anthocyanins. 2012 , 42, 126-151	131
924	Separation, identification, and quantitation of phenolic acids in Chinese waxberry (Myrica Rubra) juice by HPLC-PDA-ESI-MS. 2012 , 77, C272-7	14
923	Electrochemical evaluation of total antioxidant capacity of beverages using a purine-biosensor. Food Chemistry, 2012 , 132, 1055-1062	42
922	Phenolic profiles of in vivo and in vitro grown Coriandrum sativum L Food Chemistry, 2012 , 132, 841-848.5	73
921	Chemical characterisation of anthocyanins in tamarillo (Solanum betaceum Cav.) and Andes berry (Rubus glaucus Benth.) fruits. <i>Food Chemistry</i> , 2012 , 132, 1915-1921	45

920	Antioxidant capacity and mineral content of pulp and peel from commercial cultivars of citrus from Brazil. <i>Food Chemistry</i> , 2012 , 134, 1892-8	8.5	156
919	Phenolic compounds in fruits 🗈 noverview. 2012 , 47, 2023-2044		269
918	Chemical composition, antioxidant, and antimicrobial activities of essential oil from pine needle (Cedrus deodara). 2012 , 77, C824-9		61
917	Phenol-Based Antioxidants and the In Vitro Methods Used for Their Assessment. 2012 , 11, 148-173		223
916	Development of a green extraction procedure with super/subcritical fluids to produce extracts enriched in oleuropein from olive leaves. 2012 , 67, 89-93		68
915	Recent advances in the application of capillary electromigration methods for food analysis and Foodomics. 2012 , 33, 147-67		77
914	Building bridges: an integrated strategy for sustainable food production throughout the value chain. 2013 , 32, 743-770		19
913	Evolution of analysis of polyhenols from grapes, wines, and extracts. 2013 , 18, 1076-100		125
912	Determination of diphenylamine residue in fruit samples using spectrofluorimetry and multivariate analysis. 2013 , 54, 6-12		23
911	Extraction optimization approach to improve accessibility of functional fraction based on combination of total polyphenol, chromatographic profiling and antioxidant activity evaluation: Pyracantha fortuneana fruit as an example. 2013 , 5, 715-728		20
910	Optimization of ultrasonic extraction of phenolic compounds from Euryale ferox seed shells using response surface methodology. 2013 , 49, 837-843		106
909	Antioxidant and anti-glycation activities correlates with phenolic composition of tropical medicinal herbs. 2013 , 6, 561-9		91
908	Effects of the operation parameters on HILIC separation of flavonoids on zwitterionic column. 2013 , 115, 284-90		30
907	Optimization of Focused Ultrasound Extraction (FUSE) and Supercritical Fluid Extraction (SFE) of Citrus Peel Volatile Oils and Antioxidants. 2013 , 6, 1244-1252		30
906	Voltammetric behavior of rutin at a boron-doped diamond electrode. Its electroanalytical determination in a pharmaceutical formulation. 2013 , 11, 1674-1681		9
905	Bioactive paper platform for colorimetric phenols detection. 2013 , 186, 557-562		22
904	Near infrared spectroscopy for prediction of antioxidant compounds in the honey. <i>Food Chemistry</i> , 2013 , 141, 3409-14	8.5	28
903	Centrifugal partition extraction in the pH-zone-refining displacement mode: an efficient strategy for the screening and isolation of biologically active phenolic compounds. 2013 , 937, 7-12		12

(2013-2013)

902	Kurtz 2013 , 45, 406-415	17
901	Phenolic contents and biological activities of Limoniastrum guyonianum fractions obtained by Centrifugal Partition Chromatography. 2013 , 49, 740-746	21
900	The antioxidant activity and active component of Gnaphalium affine extract. 2013, 58, 311-7	17
899	Grape pomace as a sustainable source of bioactive compounds: extraction, characterization, and biotechnological applications of phenolics. 2013 , 61, 8987-9003	250
898	Nanofiltration for the Recovery of Low Molecular Weight Polysaccharides and Polyphenols from Winery Effluents. 2013 , 48, 2524-2530	36
897	An extract procedure for studying the free and glycosilated aroma compounds in grapes. <i>Food Chemistry</i> , 2013 , 136, 822-34	8
896	Analysis of Antioxidant Compounds in Different Types of Tea. 2013, 79-89	
895	Determination of Phenolic Compounds in Strawberries (Fragaria ananassa Duch) by High Performance Liquid Chromatography with Diode Array Detection. 2013 , 6, 227-237	26
894	An improved mass spectrometric method for identification and quantification of phenolic compounds in apple fruits. <i>Food Chemistry</i> , 2013 , 136, 368-75	62
893	Discrimination of grassland species and their classification in botanical families by laboratory scale NIR hyperspectral imaging: preliminary results. 2013 , 116, 149-54	15
892	Measurement and modeling of epicatechin solubility in supercritical carbon dioxide fluid. 2013 , 340, 7-10	9
891	Functional components of grape pomace: their composition, biological properties and potential applications. 2013 , 48, 221-237	219
890	Techniques for analysis of plant phenolic compounds. 2013 , 18, 2328-75	595
889	Direct determination of rosmarinic acid in Lamiaceae herbs using diffuse reflectance infrared Fourier transform spectroscopy (DRIFTS) and chemometrics. 2013 , 61, 3235-41	22
888	Effect of grape seeds on the polyphenol bioactive content and elemental composition by ICP-MS of grape juices from Vitis labrusca L 2013 , 53, 1-8	38
887	Quantification by UHPLC of total individual polyphenols in fruit juices. <i>Food Chemistry</i> , 2013 , 138, 938-4%.5	89
886	Green production of zero-valent iron nanoparticles using tree leaf extracts. 2013, 445-446, 1-8	190
885	The jujube (Ziziphus jujuba Mill.) fruit: a review of current knowledge of fruit composition and health benefits. 2013 , 61, 3351-63	295

884	Comprehensive assay of flavanones in citrus juices and beverages by UHPLC-ESI-MS/MS and derivatization chemistry. <i>Food Chemistry</i> , 2013 , 141, 2328-33	8.5	37
883	Juices and Non-Alcoholic Beverages. 2013 , 60, 439-459		1
882	Increase of secondary metabolite content in marigold by inoculation with plant growth-promoting rhizobacteria. 2013 , 70, 16-22		82
881	Analytical Methods of Phenolic Compounds. 2013 , 2061-2092		3
88o	Polyphenol Purification by Solid Support-Free Liquid Liquid Chromatography (CCC, CPC). 2013 , 2145-21	72	1
879	Anti-inflammatory effects of phenolic extracts from strawberry and mulberry fruits on cytokine secretion profiles using mouse primary splenocytes and peritoneal macrophages. 2013 , 16, 165-70		52
878	Comparative field performance of some agricultural crops under a canopy of Populus deltoides and Ulmus wallichiana. 2013 , 24, 783-790		1
877	Bioactive natural products from marine angiosperms: abundance and functions. 2013 , 3, 129-136		29
876	Antioxidant and phytochemical study on pengolaban (Litsea garciae), an edible underutilized fruit endemic to Borneo. 2013 , 22, 1-7		6
875	Profiling of secondary metabolites in blue lupin inoculated with Phytophthora cinnamomi following phosphite treatment. 2013 , 40, 1089-1097		9
874	Method development for determination of (+)-catechin and (-)-epicatechin by micellar electrokinetic chromatography: annual characterization of field grown blackberries. 2013 , 34, 2251-8		10
873	Sensory characteristics of antioxidant extracts from Uruguayan native plants: influence of deodorization by steam distillation. 2013 , 19, 485-92		4
872	Isolation of hydroxytyrosol from olive leaves extract, radioiodination and investigation of bioaffinity using in vivo/in vitro methods. 2013 , 101, 585-593		11
871	Survey of South African fruit juices using a fast screening HILIC-MS method. 2013 , 30, 1473-84		17
870	Evaluation of indigenous Omani legumes for their nutritional quality, phytochemical composition and antioxidant properties. 2013 , 3, 333		4
869	Caracterizaß fBica e quBica, fenllcos totais e atividade antioxidante da polpa e resBuo de gabiroba. 2013 , 35, 837-844		13
868	11. Concentration of polyphenols by integrated membrane operations. 2013 , 269-294		1
867	Health promoting and sensory properties of phenolic compounds in food. 2014 , 61, 764-779		58

(2014-2014)

866	Comparative studies on bioactive constituents in hawk tea infusions with different maturity degree and their antioxidant activities. 2014 , 2014, 838165	6
865	Syzyguim guineense Extracts Show Antioxidant Activities and Beneficial Activities on Oxidative Stress Induced by Ferric Chloride in the Liver Homogenate. 2014 , 3, 618-35	23
864	Influence of Postharvest Storage, Processing, and Extraction Methods on the Analysis of Phenolic Phytochemicals. 2014 , 3-31	2
863	Characterization and Quantification of Polyphenols in Fruits. 2014 , 293-304	5
862	Plant Polyphenol Profiles as a Tool for Traceability and Valuable Support to Biodiversity. 2014, 15-33	9
861	Compartmentation and localization of bioactive metabolites in different organs of Allium roylei. 2014 , 78, 1112-22	24
860	A rapid method for quantifying chlorogenic acid levels in potato samples. 2014 , 97, 902-7	2
859	Bioactive micronutrients in coffee: recent analytical approaches for characterization and quantification. 2014 , 2014, 384230	64
858	Anti-oxidant properties and polyphenolic profile screening of Vitis vinifera stems and leaves crude extracts grown in Perlis, Malaysia. 2014 ,	1
857	Capillary electrophoresis of natural products: 2011-2012. 2014 , 35, 190-204	20
856	Improved Characterization of Polyphenols Using Liquid Chromatography. 2014 , 261-292	5
855	Beneficial mycorrhizal symbionts affecting the production of health-promoting phytochemicals. 2014 , 35, 1535-46	78
854	Vascular Protective Effects of Fruit Polyphenols. 2014 , 875-893	3
853	New method for separate cold water extraction of flavonoids and tannins from medicinal plant raw materials. 2014 , 63, 1235-1237	
852	Fourier transform ion cyclotron resonance mass spectrometrical analysis of raw fermented cocoa beans of Cameroon and Ivory Coast origin. 2014 , 64, 958-961	17
851	Extraction and quantification of phenolic acids and flavonols from Eugenia pyriformis using different solvents. 2014 , 51, 2862-6	55
850	Thermal stability, antioxidant activity, and photo-oxidation of natural polyphenols. 2014, 68,	153
849	Polyphenolic contents in Citrus fruit juices: authenticity assessment. 2014 , 238, 803-818	44

848	Callitriche cophocarpa 🖪 new rich source of active phenolic compounds. 2014 , 12, 519-527		9
847	Extraction of phenolic compounds from pitanga (Eugenia uniflora L.) leaves by sequential extraction in fixed bed extractor using supercritical CO2, ethanol and water as solvents. 2014 , 86, 4-14		63
846	ABTS+ scavenging potency of selected flavonols from Hypericum perforatum L. by HPLC-ESI/MS QQQ: Reaction observation, adduct characterization and scavenging activity determination. 2014 , 58, 47-58		20
845	Process synthesis for antioxidant polyphenolic compounds production from Matisia cordata Bonpl. (zapote) pulp. 2014 , 134, 5-15		12
844	Effect of the Extraction Technique and Operational Conditions on the Recovery of Bioactive Compounds from Chestnut (Castanea sativa) Bur and Shell. 2014 , 49, 267-277		38
843	Food prospects and nutraceutical attributes of Momordica species: A potential tropical bioresources [A review. 2014 , 3, 117-126		45
842	Determination of polyphenols in the pear pulp matrix by solvent extraction and liquid chromatography with UV-Vis detection. 2014 , 6, 9769-9776		12
841	Total Antioxidant Capacity of Flavored Waters. 2014 , 215-224		1
840	In vivo and in vitro addition of dried olive extract in poultry. 2014 , 62, 7915-9		12
839	Antioxidant and anti-inflammatory activity of a flavonoid-rich concentrate recovered from Opuntia ficus-indica juice. 2014 , 5, 3269-80		54
838	Extraction of antioxidant compounds from blackberry (Rubus sp.) bagasse using supercritical CO2 assisted by ultrasound. 2014 , 94, 223-233		117
837	Enhanced production and extraction of phenolic compounds from wheat by solid-state fermentation with RCK2012. 2014 , 4, 120-127		54
836	Physiological and biochemical responses induced by spruce bark aqueous extract and deuterium depleted water with synergistic action in sunflower (Helianthus annuus L.) plants. 2014 , 60, 160-167		24
835	Characterization of fruit products by capillary zone electrophoresis and liquid chromatography using the compositional profiles of polyphenols: application to authentication of natural extracts. 2014 , 62, 1038-46		31
834	Optimal antimicrobial formulation and physicalThechanical properties of edible films based on all and pectin for food preservation. 2014 , 2, 38-49		48
833	Effects of passion fruit (Passiflora edulis) byproduct intake in antioxidant status of Wistar rats tissues. 2014 , 59, 1213-1219		17
832	Effect of experimental parameters in the pressurized solvent extraction of polyphenolic compounds from white grape marc. <i>Food Chemistry</i> , 2014 , 157, 524-32	8.5	33
831	Isoflavone extraction from okara using water as extractant. <i>Food Chemistry</i> , 2014 , 160, 371-8	8.5	32

830	Extraction Methods of Citrus Peel Phenolic Compounds. 2014 , 30, 265-290		63	
829	EVALUATION AND AUTHENTICATION OF RED FRUITS TEAS BY HIGH PERFORMANCE THIN-LAYER CHROMATOGRAPHIC FINGERPRINTING. 2014 , 37, 1644-1653		4	
828	Phytochemical profile and nutraceutical potential of chia seeds (Salvia hispanica L.) by ultra high performance liquid chromatography. 2014 , 1346, 43-8		99	
827	Doehlert design-desirability function multi-criteria optimal separation of 17 phenolic compounds from extra-virgin olive oil by capillary zone electrophoresis. <i>Food Chemistry</i> , 2014 , 146, 558-68	8.5	22	
826	Polyphenols in Barringtonia racemosa and their protection against oxidation of LDL, serum and haemoglobin. <i>Food Chemistry</i> , 2014 , 146, 85-93	8.5	24	
825	Identification of novel cocoa flavonoids from raw fermented cocoa beans by HPLCMSn. 2014 , 63, 353-3	359	39	
824	Identification of phenolic compounds in soursop (Annona muricata) pulp by high-performance liquid chromatography with diode array and electrospray ionization mass spectrometric detection. 2014 , 65, 42-46		42	
823	Passion fruit (Passiflora edulis) peel increases colonic production of short-chain fatty acids in Wistar rats. 2014 , 59, 1252-1257		27	
822	Influence of different solvents in extraction of phenolic compounds from vegetable residues and their evaluation as natural sources of antioxidants. 2014 , 51, 2568-75		87	
821	Avocado Seeds: Extraction Optimization and Possible Use as Antioxidant in Food. 2014 , 3, 439-54		43	
820	ENHANCING COPPER AND LEAD BIOACCUMULATION IN RAPESEED BY ADDING HEMP SHIVES AS SOIL NATURAL AMENDMENTS. 2014 , 22, 245-253		3	
819	Fat-Soluble Vitamins. 2015 , 587-610			
818	Methods of Detection of Irradiated Foodstuffs and Relative Products. 2015 , 1229-1238		1	
817	5. Polyphenols encapsulation [application of innovation technologies to improve stability of natural products. 2015 , 97-114		1	
816	Bioactive compounds in fresh-cut fruits. 2015 , 37-62		2	
815	Pressurized hot water extraction of polyphenols from plant material. 2015 , 63-101		3	
814	Determination of Phenolic Compounds in Food Matrices: Application to Characterization and Authentication. 2015 , 517-547		2	
813	Recommendations for Development of New Standardized Forms of Cocoa Breeds and Cocoa Extract Processing for the Prevention of AlzheimerN Disease: Role of Cocoa in Promotion of Cognitive Resilience and Healthy Brain Aging. 2015 , 48, 879-89		17	

812	The role of visible and infrared spectroscopy combined with chemometrics to measure phenolic compounds in grape and wine samples. 2015 , 20, 726-37	57
811	Protocatechuic acid benefits proliferation and phenotypic maintenance of rabbit articular chondrocytes: An study. 2015 , 9, 1865-1870	6
810	Extraction of valuable compounds from mangosteen pericarps by hydrothermal assisted sonication. 2015 ,	
809	A Comparative Analysis of the MreenNechniques Applied for Polyphenols Extraction from Bioresources. 2015 , 12, 1635-51	50
808	Profile and total content of phenolics and antioxidant activity of commercial table olives from Turkey. 2015 , 7, 635-642	4
807	Determination of quercetin in onion (Allium cepa) using Etyclodextrin-coated CdSe/ZnS quantum dot-based fluorescence spectroscopic technique. 2015 , 50, 1366-1373	14
806	Characterization of lemon (Citrus limon) polar extract by liquid chromatography-tandem mass spectrometry in high resolution mode. 2015 , 50, 1196-205	39
805	Subcritical Water Extraction of Xanthone from Mangosteen (Garcinia Mangostana Linn) Pericarp. 2015 , 05,	7
804	Use of Time-Resolved Fluorescence to Monitor Bioactive Compounds in Plant Based Foodstuffs. 2015 , 5, 367-97	15
803	Anthocyanin Absorption and Metabolism by Human Intestinal Caco-2 CellsA Review. 2015 , 16, 21555-74	121
803 802	Anthocyanin Absorption and Metabolism by Human Intestinal Caco-2 CellsA Review. 2015 , 16, 21555-74 Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. 2015 , 13, 3531-49	121 31
	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous	
802	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. 2015 , 13, 3531-49 Optimization of Purification, Identification and Evaluation of the in Vitro Antitumor Activity of	31
802	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. 2015 , 13, 3531-49 Optimization of Purification, Identification and Evaluation of the in Vitro Antitumor Activity of Polyphenols from Pinus Koraiensis Pinecones. 2015 , 20, 10450-67 Aqueous Extract of Tomato (Solanum lycopersicum L.) and Ferulic Acid Reduce the Expression of	31
802 801 800	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. 2015, 13, 3531-49 Optimization of Purification, Identification and Evaluation of the in Vitro Antitumor Activity of Polyphenols from Pinus Koraiensis Pinecones. 2015, 20, 10450-67 Aqueous Extract of Tomato (Solanum lycopersicum L.) and Ferulic Acid Reduce the Expression of TNF-Hand IL-1lin LPS-Activated Macrophages. 2015, 20, 15319-29	31 22 36
802 801 800	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. 2015, 13, 3531-49 Optimization of Purification, Identification and Evaluation of the in Vitro Antitumor Activity of Polyphenols from Pinus Koraiensis Pinecones. 2015, 20, 10450-67 Aqueous Extract of Tomato (Solanum lycopersicum L.) and Ferulic Acid Reduce the Expression of TNF-Hand IL-1IIn LPS-Activated Macrophages. 2015, 20, 15319-29 Cell Systems to Investigate the Impact of Polyphenols on Cardiovascular Health. 2015, 7, 9229-55 Infrared Spectroscopy as a Versatile Analytical Tool for the Quantitative Determination of	31 22 36 31
802 801 800 799 798	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. 2015, 13, 3531-49 Optimization of Purification, Identification and Evaluation of the in Vitro Antitumor Activity of Polyphenols from Pinus Koraiensis Pinecones. 2015, 20, 10450-67 Aqueous Extract of Tomato (Solanum lycopersicum L.) and Ferulic Acid Reduce the Expression of TNF-land IL-1lin LPS-Activated Macrophages. 2015, 20, 15319-29 Cell Systems to Investigate the Impact of Polyphenols on Cardiovascular Health. 2015, 7, 9229-55 Infrared Spectroscopy as a Versatile Analytical Tool for the Quantitative Determination of Antioxidants in Agricultural Products, Foods and Plants. 2015, 4, 482-97 Pharmacological and Genotoxic Properties of Polyphenolic Extracts of Cedrela odorata L. and	31 22 36 31 45

(2015-2015)

794	2015 , 53, 73-80	16
793	Optimization of critical parameters during antioxidants extraction from butterhead lettuce to simultaneously enhance polyphenols and antioxidant activity. 2015 , 146, 47-54	30
792	Monomeric and oligomeric flavan-3-ols and antioxidant activity of leaves from different Laurus sp. 2015 , 6, 1944-9	5
79 ¹	Gold Nanoparticles-based Extraction-Free Colorimetric Assay in Organic Media: An Optical Index for Determination of Total Polyphenols in Fat-Rich Samples. 2015 , 87, 6905-11	58
790	Surfactant Mediated Extraction of Antioxidants from Syzygium aromaticum. 2015 , 50, 207-213	12
789	Extraction of polyphenols from grape skins and defatted grape seeds using subcritical water: Experiments and modeling. 2015 , 94, 29-38	91
788	Pressurized liquid extraction of bioactive compounds from blackberry (Rubus fruticosus L.) residues: a comparison with conventional methods. 2015 , 77, 675-683	148
787	Enrichment and sensitive detection of polyphenolic compounds via Eyclodextrin functionalized fluorescent gold nanorods. 2015 , 182, 201-208	8
786	(Myrtaceae) fruits protect HEPG2 cells against carbon tetrachloride-induced toxicity. 2015 , 2, 184-193	18
7 ⁸ 5	Analysis of phenolic compounds in leaves from endemic trees from Madeira Island. A contribution to the chemotaxonomy of Laurisilva forest species. 2015 , 64, 135-151	16
7 ⁸ 4	2,4,6-Trihydroxybenzaldehyde, a potential anti-obesity treatment, suppressed adipocyte differentiation in 3T3-L1 cells and fat accumulation induced by high-fat diet in C57BL/6 mice. 2015 , 39, 962-8	9
783	Recovery of hydroxycinnamic acids from renewable resources by adsorption on zeolites. 2015 , 280, 748-754	31
782	Optimization of Ultrasound Assisted Extraction of Functional Ingredients from Stevia Rebaudiana Bertoni Leaves. 2015 , 29, 231-237	56
781	White Light Emission from Vegetable Extracts. 2015 , 5, 11118	43
780	Poly(N-vinylimidazole/ethylene glycol dimethacrylate) for the purification and isolation of phenolic acids. 2015 , 885, 199-206	18
779	Effect of ultrasound on the extraction of total anthocyanins from Purple Majesty potato. 2015 , 27, 509-514	48
778	14 Days of supplementation with blueberry extract shows anti-atherogenic properties and improves oxidative parameters in hypercholesterolemic rats model. 2015 , 66, 559-68	10
777	Experimental design for the determination of polyphenols by liquid chromatography: application to the chemometric characterization and classification of beers. 2015 , 7, 3283-3290	8

776	HPLC-DAD profile of phenolic compounds and antioxidant activity of leaves extract of Rhamnus alaternus L 2015 , 74, 858-866	22
775	Development of "ultrasound-assisted dynamic extraction" and its combination with CCC and CPC for simultaneous extraction and isolation of phytochemicals. 2015 , 26, 111-118	10
774	Development of Circulating Ultrasounic-Assisted Online Extraction Coupled to Countercurrent Chromatography and Centrifugal Partition Chromatography for Simultaneous Extraction and Isolation of Phytochemicals: Application to Ligusticum chuanxiong Hort. 2015 , 54, 3009-3017	8
773	Surfactant mediated extraction of total phenolic contents (TPC) and antioxidants from fruits juices. Food Chemistry, 2015 , 185, 284-8	.5 61
772	Bioremediation potential of natural polyphenol rich green wastes: A review of current research and recommendations for future directions. 2015 , 4, 17-28	54
771	Rapid Fingerprint Analysis of Plant Extracts for Ellagitannins, Gallic Acid, and Quinic Acid Derivatives and Quercetin-, Kaempferol- and Myricetin-Based Flavonol Glycosides by UPLC-QqQ-MS/MS. 2015 , 63, 4068-79	59
770	Natural phenolic antioxidants in bioanalytical chemistry: state of the art and prospects of development. 2015 , 84, 194-224	40
769	Purification and characterization of a novel antioxidant peptide from bovine hair hydrolysates. 2015 , 50, 948-954	13
768	Exploring cinnamic acid scaffold: development of promising neuroprotective lipophilic antioxidants. 2015 , 6, 1043-1053	24
767	Comparison of the impact of different extraction methods on polyphenols yields and tannins extracted from Moroccan Acacia mollissima barks. 2015 , 70, 245-252	54
766	Development of an analytical method for the determination of polyphenolic compounds in vegetable origin samples by liquid chromatography and pulsed amperometric detection at a glassy carbon electrode. 2015 , 1420, 66-73	13
765	Liquid chromatographic fingerprints and profiles of polyphenolic compounds applied to the chemometric characterization and classification of beers. 2015 , 7, 8733-8739	20
764	Effect of fluorescence light on phenolic compounds and antioxidant activities of soybeans (Glycine max L. Merrill) during germination. 2015 , 24, 1859-1865	19
763	Investigating the use of gradient boosting machine, random forest and their ensemble to predict skin flavonoid content from berry physicalThechanical characteristics in wine grapes. 2015 , 117, 186-193	27
762	Relationships between skin flavonoid content and berry physical-mechanical properties in four red wine grape cultivars (Vitis vinifera L.). 2015 , 197, 272-279	7
761	Impact of Irrigation Thresholds on Total Anthocyanin Content in Cranberries. 2015 , 46, 2095-2099	1
760	Influence of Accelerated Solvent Extraction and Ultrasound-Assisted Extraction on the Anthocyanin Profile of Different Vaccinium Species in the Context of Statistical Models for Authentication. 2015 , 63, 7532-8	21
759	Polysaccharides from Lower Plants: Bryophytes. 2015 , 145-160	2

(2016-2015)

758	Determination of Luteolin and Apigenin in Herbs by Capillary Electrophoresis with Diode Array Detection. 2015 , 43, 611-625	15
757	Identification and nanoentrapment of polyphenolic phytocomplex from Fraxinus angustifolia: in vitro and in vivo wound healing potential. 2015 , 89, 179-88	53
756	Microwave assisted extraction of maritime pine (Pinus pinaster) bark: Impact of particle size and characterization. 2015 , 65, 142-149	51
755	Phenolic compounds and antioxidant activity of Spanish commercial grape juices. 2015 , 38, 19-26	69
754	Osmotic Dehydrated Raspberries: Changes in Physical Aspects and Bioactive Compounds. 2015 , 33, 659-670	12
753	Recent Developments in the HPLC Separation of Phenolic Food Compounds. 2015 , 45, 41-51	43
75 ²	Bio-refinery of orange peels waste: a new concept based on integrated green and solvent free extraction processes using ultrasound and microwave techniques to obtain essential oil, polyphenols and pectin. 2015 , 24, 72-9	241
751	Therapeutic and nutraceutical potential of bioactive compounds extracted from fruit residues. 2015 , 55, 319-37	95
75°	Assessing the response of plant flavonoids to UV radiation: an overview of appropriate techniques. 2015 , 14, 273-297	74
749	Influence of cooking on the levels of bioactive compounds in Purple Majesty potato observed via chemical and spectroscopic means. <i>Food Chemistry</i> , 2015 , 173, 462-7	41
748	Capillary Electrophoresis Method for 20 Polyphenols Separation in Propolis and Plant Extracts. 2015 , 8, 1197-1206	20
747	Optimization of ultrasound-assisted extraction of polyphenols from spruce wood bark. 2015 , 22, 535-41	132
746	Status of bioactive compounds in foods, with focus on fruits and vegetables. 2015 , 55, 1324-39	62
745	Polyphenols as therapeutic molecules in AlzheimerN disease through modulating amyloid pathways. 2015 , 51, 466-79	77
744	Characterisation of phenolic compounds in processed fibres from the juice industry. <i>Food Chemistry</i> , 2015 , 172, 575-84	23
743	Critical analysis of current methods for assessing the in vitro antioxidant and antibacterial activity of plant extracts. <i>Food Chemistry</i> , 2015 , 172, 814-22	100
742	Preparative purification of polyphenols from sweet potato (Ipomoea batatas L.) leaves by AB-8 macroporous resins. <i>Food Chemistry</i> , 2015 , 172, 166-74	83
741	Polyphenols encapsulation [application of innovation technologies to improve stability of natural products. 2016 , 1,	7

740	New Anthocyanins from Black Elderberry of Inhibitory Potential Revealed by Mass Spectrometry. 2016 , 6, 94-102	2
739	Mineral composition, nutritional properties, total phenolics and flavonoids compounds of the atemoya fruit (Annona squamosa L. x Annona cherimola Mill.) and evaluation using multivariate analysis techniques. 2016 , 88, 1243-52	8
738	Antioxidants: Characterization and Analysis. 2016 , 221-226	1
737	PHENOLIC COMPOSITION AND ANTIOXIDANT CAPACITY OF AQUEOUS AND ETHANOLIC EXTRACTS OF BLACKBERRIES. 2016 , 38,	9
736	ENCAPSULACIÑI DE PROBI⊞ICOS PARA APLICACIONES ALIMENTICIAS. 2016 , 15, 106-115	2
735	Phenolic Compounds Analyzed With an Electronic Tongue. 2016 , 235-244	
734	Application of Hydrophilic Interaction Liquid Chromatography for the Quantification of Flavonoids in Genista tinctoria Extract. 2016 , 2016, 3789348	9
733	Phenolic Compounds in the Potato and Its Byproducts: An Overview. 2016 , 17,	134
732	Application of Ultrasound in a Closed System: Optimum Condition for Antioxidants Extraction of Blackberry (Rubus fructicosus) Residues. 2016 , 21,	11
731	The Use of Grape Seed Byproducts Rich in Flavonoids to Improve the Antioxidant Potential of Red Wines. 2016 , 21,	26
730	Phytochemical Compounds and Antioxidant Capacity of Tucum-Do-Cerrado (Bactris setosa Mart), Brazil N Native Fruit. 2016 , 8, 110	12
729	A Sensitive LC-MS Method for Anthocyanins and Comparison of Byproducts and Equivalent Wine Content. 2016 , 3, 18	15
728	Elicitation Enhanced the Production of Phenolic Compounds and Biological Activities in Hairy Root Cultures of Bitter melon (Momordica charantia L.). 2016 , 59,	14
727	Phenolic compounds with antioxidant capacity of the native Andean potato (Solanum tuberosum L.) Huagalina variety in La Libertad- Peru. 2016 , 7, 333-340	3
726	Exploiting Phenylpropanoid Derivatives to Enhance the Nutraceutical Values of Cereals and Legumes. 2016 , 7, 763	20
725	The substituent effect on the antioxidant capacity of catechols and resorcinols. 2016, 135, 1	10
724	A fermented sorghum/millet-based beverage, Obiolor, extenuates high-fat diet-induced dyslipidaemia and redox imbalance in the livers of rats. 2016 , 96, 791-7	10
723	Oxidative Stability of Refined Soybean Oil Enriched with Loquat Fruit (Eriobotrya japonica Lindl.) Skin and Pulp Extracts. 2016 , 40, 386-395	2

722	Determination of free phenolic acids in plant-derived foods by high-performance thin-layer chromatography with direct 2,2?-diphenyl-1-picrylhydrazyl assay. 2016 , 29, 121-126		3
721	Studies on some edible herbs: Antioxidant activity, phenolic content, mineral content and antifungal properties. 2016 , 23, 220-229		28
720	Influence of solvents on the composition of condensed tannins in grape pomace seed extracts. <i>Food Chemistry</i> , 2016 , 207, 162-9	8.5	42
719	Explorative study of apple juice fluorescence in relation to antioxidant properties. <i>Food Chemistry</i> , 2016 , 210, 593-9	8.5	24
718	Antioxidant and Antimicrobial Potential of Polyphenols from Foods. 2016 , 43-63		3
717	Chemical characterization of the main bioactive constituents from fruits of Ziziphus jujuba. 2016 , 7, 287	0-7	49
716	Injection-port derivatization coupled to GC-MS/MS for the analysis of glycosylated and non-glycosylated polyphenols in fruit samples. <i>Food Chemistry</i> , 2016 , 204, 210-217	8.5	14
715	Reversal of fluconazole resistance induced by a synergistic effect with Acca sellowiana in Candida glabrata strains. 2016 , 54, 2410-2419		7
714	Chemical characterization of Citrus limon var. pompia and incorporation in phospholipid vesicles for skin delivery. 2016 , 506, 449-57		27
713	Antioxidant phenolics and their microbial production by submerged and solid state fermentation process: A review. 2016 , 53, 60-74		149
712	Optimization of solvent and ultrasound-assisted extraction for different anthocyanin rich fruit and their effects on anthocyanin compositions. 2016 , 72, 229-238		68
711	Pressurized liquids extraction as an alternative process to readily obtain bioactive compounds from passion fruit rinds. 2016 , 100, 382-390		49
710	Phenolic Profiles, Antioxidant Activities, and Neuroprotective Properties of Mulberry (Morus atropurpurea Roxb.) Fruit Extracts from Different Ripening Stages. 2016 , 81, C2439-C2446		22
709	Polyphenols. 2016 , 1-32		1
708	Extraction of Polyphenols by Pressurized Liquids. 2016 , 83-123		
707	Ethyl lactate as a potential green solvent to extract hydrophilic (polar) and lipophilic (non-polar) phytonutrients simultaneously from fruit and vegetable by-products. 2016 , 4, 21-31		40
706	Optimized extraction of polyphenolic antioxidant compounds from Brazil nut (Bertholletia excelsa) cake and evaluation of the polyphenol profile by HPLC. 2016 , 96, 2805-14		12
705	Spray Drying Formulation of Polyphenols-Rich Grape Marc Extract: Evaluation of Operating Conditions and Different Natural Carriers. 2016 , 9, 2046-2058		24

704 Phytochemical Constituents and Health Benefits of Jujubes. **2016**, 145-165

703	The Jujube (Ziziphus jujuba Mill.) Fruit: A Review of Current Knowledge of Fruit Composition and Health Benefits. 2016 , 53-82		O
702	Current technologies and new insights for the recovery of high valuable compounds from fruits by-products. 2018 , 58, 386-404		27
701	Nutritional and Phytochemical Content of High-Protein Crops. 2016 , 64, 7800-7811		42
700	Investigations on Sweet Cherry Phenolic Degradation During Thermal Treatment Based on Fluorescence Spectroscopy and Inactivation Kinetics. 2016 , 9, 1706-1715		15
699	Natural deep eutectic solvents as beneficial extractants for enhancement of plant extracts bioactivity. 2016 , 73, 45-51		164
698	Investigating the discrimination potential of linear and nonlinear spectral multivariate calibrations for analysis of phenolic compounds in their binary and ternary mixtures and calculation pKa values. 2016 , 165, 191-200		7
697	Optimization of Extraction Parameters of Phenolic Antioxidants from Leaves of Capparis spinosa Using Response Surface Methodology. 2016 , 9, 2321-2334		16
696	Functional constituents and antioxidant activities of eight Chinese native goji genotypes. <i>Food Chemistry</i> , 2016 , 200, 230-6	8.5	96
695	Green extraction of grape skin phenolics by using deep eutectic solvents. <i>Food Chemistry</i> , 2016 , 200, 159-66	8.5	271
694	Optimized Extraction of Antioxidants from Olive Leaves Using Augmented Simplex Centroid Design. 2016 , 49, 1323-1333		6
693	Impact of a new postharvest disinfection method based on peracetic acid fogging on the phenolic profile of strawberries. 2016 , 117, 197-205		15
692	Chemical perspective and criticism on selected analytical methods used to estimate the total content of phenolic compounds in food matrices. 2016 , 80, 266-279		86
691	Optimization of the macroporous resin-based adsorption of apple polyphenol through response surface methodology. 2016 , 98, 479-491		5
690	Bioactive extracts of red seaweeds Pterocladiella capillacea and Osmundaria obtusiloba (Floridophyceae: Rhodophyta) with antioxidant and bacterial agglutination potential. 2016 , 9, 372-379		28
689	Antioxidant and antitumor effects and immunomodulatory activities of crude and purified polyphenol extract from blueberries. 2016 , 10, 108-119		16
688	Large-Volume Sample Staking of Rice Polyphenols Prior to Their Determination by Non-aqueous Capillary Electrophoresis. 2016 , 9, 2152-2160		9
68 ₇	Dissection of Trichoderma longibrachiatum-induced defense in onion (Allium cepa L.) against Fusarium oxysporum f. sp. cepa by target metabolite profiling. 2016 , 246, 128-138		91

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686	Supercritical fluid extraction of algae enhances levels of biologically active compounds promoting plant growth. 2016 , 51, 243-252	39
685	Phytochemical compounds or their synthetic counterparts? A detailed comparison of the quantitative environmental assessment for the synthesis and extraction of curcumin. 2016 , 18, 1807-1818	16
684	Near-Infrared (NIR) Spectroscopy for Rapid Measurement of Antioxidant Properties and Discrimination of Sudanese Honeys from Different Botanical Origin. 2016 , 9, 2631-2641	28
683	Effect of sample pretreatment on the extraction of lemon (Citrus limon) components. 2016 , 153, 386-91	15
682	Kinetics of ultrasound-assisted extraction of antioxidant polyphenols from food by-products: Extraction and energy consumption optimization. 2016 , 32, 137-146	77
681	Contribution of phenolic acids isolated from green and roasted boiled-type coffee brews to total coffee antioxidant capacity. 2016 , 242, 641-653	45
680	Recovery of polyphenols from red grape pomace and assessment of their antioxidant and anti-cholesterol activities. 2016 , 33, 338-44	51
679	Microencapsulation of saffron petal anthocyanins with cress seed gum compared with Arabic gum through freeze drying. 2016 , 140, 20-5	72
678	Determination of Quercetin by a Siloxane-Polyester/Poly-L-Lysine Nanocomposite Modified Glassy Carbon Electrode. 2016 , 49, 1398-1411	7
677	Recent advances and trends in the liquid-chromatography-mass spectrometry analysis of flavonoids. 2016 , 1430, 16-78	121
676	Perilla frutescens Extract Ameliorates Acetylcholinesterase and Trimethyltin Chloride-Induced Neurotoxicity. 2016 , 19, 281-9	12
675	A Review on the Effect of Drying on Antioxidant Potential of Fruits and Vegetables. 2016 , 56 Suppl 1, S110-29	112
674	Comparison of the Antioxidant and Antiradical Activity of Pomegranate (Punica granatum L.) by Ultrasound-Assisted and Classical Extraction. 2016 , 49, 969-978	23
673	Phytochemical characteristics of citrus peel and effect of conventional and nonconventional processing on phenolic compounds: A review. 2017 , 33, 587-619	70
672	Ellagitannin geraniin: a review of the natural sources, biosynthesis, pharmacokinetics and biological effects. 2017 , 16, 159-193	38
671	Valorization of CarobN Germ and Seed Peel as Natural Antioxidant Ingredients in Gluten-Free Crackers. 2017 , 41, e12770	21
670	Effects of High Intensity Pulsed Electric Fields or Thermal Pasteurization and Refrigerated Storage on Antioxidant Compounds of Fruit Juice-Milk Beverages. Part I: Phenolic Acids and Flavonoids. 2017 , 41, e12912	6
669	Concentration of phenolic compounds from strawberry (Fragaria X ananassa Duch) juice by nanofiltration membrane. 2017 , 201, 36-41	58

668 Cartridge development for the solid extraction of phenolic compounds in cachall samples. 2017, 9, 1161-1167 1

667	Plant polyphenol content, soil fertilization and agricultural management: a review. 2017 , 243, 1107-1115	;	74
666	Process Intensification by Experimental Design Application to Microwave-Assisted Extraction of Phenolic Compounds from Juglans regia L 2017 , 10, 575-586		8
665	MasquelierN grape seed extract: from basic flavonoid research to a well-characterized food supplement with health benefits. 2017 , 16, 5		29
664	Procyanidin B2 gallates inhibit IFN-land IL-17 production in T cells by suppressing T-bet and RORE expression. 2017 , 44, 87-96		11
663	Associating chemical analysis to molecular markers for the valorization of Citrus aurantium leaves: a useful starting point for marker-assisted selection. 2017 , 213, 1		2
662	Solid cation exchange phase to remove interfering anthocyanins in the analysis of other bioactive phenols in red wine. <i>Food Chemistry</i> , 2017 , 227, 158-165	8.5	9
661	Antioxidant Activity of Hibiscus sabdariffa Extracts Incorporated in an Emulsion System Containing Whey Proteins: Oxidative Stability and Polyphenol Whey Proteins Interactions. 2017 , 42, 2247-2260		8
660	First report on isolation of 2,3,4-trihydroxy-5-methylacetophenone from palmyra palm (Borassus flabellifer Linn.) syrup, its antioxidant and antimicrobial properties. <i>Food Chemistry</i> , 2017 , 228, 491-496	8.5	11
659	Screening of Antioxidant Properties of the Apple Juice Using the Front-Face Synchronous Fluorescence and Chemometrics. 2017 , 10, 1582-1591		12
658	Antioxidant and tyrosinase inhibitory activity of Rosa roxburghii fruit and identification of main bioactive phytochemicals by UPLC-Triple-TOF/MS. 2017 , 52, 897-905		19
657	Application of Deep Eutectic Solvents (DES) for Phenolic Compounds Extraction: Overview, Challenges, and Opportunities. 2017 , 65, 3591-3601		308
656	Phytochemicals and antioxidant activity degradation kinetics during thermal treatments of sour cherry extract. 2017 , 82, 139-146		22
655	Metabolic profiling of apples from different production systems before and after controlled atmosphere (CA) storage studied by H high resolution-magic angle spinning (HR-MAS) NMR. <i>Food Chemistry</i> , 2017 , 233, 391-400	8.5	12
654	Anti-inflammatory properties of the stem bark from the herbal drug Vitex peduncularis Wall. ex Schauer and characterization of its polyphenolic profile. 2017 , 106, 8-16		12
653	Spectrophotometric Analysis of Phenolic Compounds in Grapes and Wines. 2017 , 65, 4009-4026		62
652	Press-transferred carbon black nanoparticles for class-selective antioxidant electrochemical detection. 2017 , 9, 29-36		29
651	Enhanced solubility and antioxidant activity of chlorogenic acid-chitosan conjugates due to the conjugation of chitosan with chlorogenic acid. 2017 , 170, 206-216		92

650	Antioxidant capacity of trans-resveratrol dietary supplements alone or combined with the mycotoxin beauvericin. 2017 , 105, 315-318	12
649	Quantification of quality parameters in castanhola fruits by NIRS for the development of prediction models using PLS and variable selection algorithms on a laboratory scale. 2017 , 9, 352-357	2
648	Optimisation of pressurised liquid extraction for antioxidative polyphenolic compound from Momordica charantia using response surface methodology. 2017 , 52, 480-493	14
647	Application of HPLC and ESI-MS techniques in the analysis of phenolic acids and flavonoids from green leafy vegetables (GLVs). 2017 , 7, 349-364	65
646	Screening of plants with antimicrobial activity against enterobacteria, Pseudomonas spp. and Staphylococcus spp. 2017 , 12, 671-681	7
645	Isolation and Purification of Phenolic Acids from Sugarcane (Saccharum officinarum L.) Rinds by pH-Zone-Refining Counter-Current Chromatography and Their Antioxidant Activity Evaluation. 2017 , 10, 2576-2584	3
644	Agrofoods for Sustainable Health Benefits and Their Economic Viability. 2017, 435-450	
643	Distribution of phenolic compounds and antioxidant capacity in apples tissues during ripening. 2017 , 54, 1511-1518	29
642	UV/Vis spectroscopy combined with chemometrics for monitoring solid-state fermentation with Rhizopus microsporus var. oligosporus. 2017 , 92, 2563-2572	5
641	Estimation of the Mean Degree of Polymerization of Condensed Tannins from the Kernel and Shell of Carya illinoinensis by HPLC/MS and Spectrophotometric Methods. 2017 , 10, 3023-3031	9
640	New insights into the role of selective and volumetric heating during microwave extraction: Investigation of the extraction of polyphenolic compounds from sea buckthorn leaves using microwave-assisted extraction and conventional solvent extraction. 2017 , 116, 29-39	46
639	Techniques and methods to study functional characteristics of emulsion systems. 2017 , 25, 16-26	66
638	Importance of metabolite distribution in apple fruit. 2017 , 214, 214-220	19
637	A study and abatement of phenolic content in waterfrom various sampling points in the vicinity of River Patalganga. 2017 , 7, 1-8	2
636	Microwave pretreatment to improve extraction efficiency and polyphenol extract richness from grape pomace. Effect on antioxidant bioactivity. 2017 , 106, 162-170	38
635	Tannins in Fruits and Vegetables: Chemistry and Biological Functions. 2017 , 221-268	7
634	Algae-Based Biologically Active Compounds. 2017 , 155-271	3
633	Polyquercetin/MWNT-modified Electrode for the Determination of Natural Phenolic Antioxidants. 2017 , 29, 2610-2619	20

632	Towards integral utilization of grape pomace from winemaking process: A review. 2017 , 68, 581-594	205
631	Strategies for the extraction and analysis of non-extractable polyphenols from plants. 2017 , 1514, 1-15	67
630	Comparative analysis of minor bioactive constituents (CoQ10, tocopherols and phenolic compounds) in Arbequina extra virgin olive oils from Brazil and Spain. 2017 , 63, 47-54	21
629	Effect of polyphenols-membrane interactions on the performance of membrane-based processes. A review. 2017 , 351, 45-75	38
628	White grape pomace extracts, obtained by a sequential enzymatic plus ethanol-based extraction, exert antioxidant, anti-tyrosinase and anti-inflammatory activities. 2017 , 39, 51-58	38
627	Liquid chromatography-high resolution mass spectrometry for the analysis of phytochemicals in vegetal-derived food and beverages. 2017 , 100, 28-52	43
626	Microencapsulation of Bioactive Compounds from Blackberry Pomace (Rubus fruticosus) by Spray Drying Technique. 2017 , 13,	6
625	Polyphenols and their benefits: A review. 2017 , 1-42	95
624	Rutin: A review on extraction, identification and purification methods, biological activities and approaches to enhance its bioavailability. 2017 , 67, 220-235	241
623	Ultrasound-assisted extraction process of phenolic antioxidants from Olive leaves: a nutraceutical study using RSM and LC-ESI-DAD-MS. 2017 , 54, 2361-2371	37
622	The effects of ultrasound assisted extraction on antioxidative activity of polyphenolics obtained from Momordica charantia fruit using response surface approach. 2017 , 17, 7-16	19
621	Liquid chromatographic/electrospray ionization quadrupole/time of flight tandem mass spectrometric study of polyphenolic composition of different Vaccinium berry species and their comparative evaluation. 2017 , 409, 1347-1368	30
620	Fruit snacks from raspberries: influence of drying parameters on colour degradation and bioactive potential. 2017 , 52, 313-328	30
619	Influence of hydroxyl substitution on flavanone antioxidants properties. <i>Food Chemistry</i> , 2017 , 215, 501- 8 .5	23
618	Physiological and Biochemical Responses of Merwilla plumbea Cultured In Vitro with Different Cytokinins After 1 Year of Growth Under Ex Vitro Conditions. 2017 , 36, 83-95	
617	Simultaneous Determination of Quercetin, Rutin, Naringin, and Naringenin in Different Fruits by Capillary Zone Electrophoresis. 2017 , 10, 83-91	29
616	Radio protective effect of black mulberry extract on radiation-induced damage in bone marrow cells and liver in the rat. 2017 , 130, 297-302	9
615	Bioaccessibility of individual phenolic compounds in extra virgin argan oil after simulated gastrointestinal process. 2017 , 75, 466-472	14

(2017-2017)

614	Effect of high hydrostatic pressure on the polyphenols and antioxidant activity of plantain pulp (Musa paradisiaca AAB). 2017 , 97, 2508-2515	9
613	Determination of Total Phenolic Compounds in Common Beverages Using CdTe Quantum Dots. 2017 , 41, e12863	7
612	Pressure-driven membrane processes for the recovery of antioxidant compounds from winery effluents. 2017 , 155, 172-178	42
611	Phenolic compounds and antioxidant activity of tuberous root leaves. 2017 , 20, 2966-2973	11
610	Sequential pressure-driven membrane operations to recover and fractionate polyphenols and polysaccharides from second racking wine lees. 2017 , 173, 49-54	46
609	Phenolic Compounds in Water: Sources, Reactivity, Toxicity and Treatment Methods. 2017,	82
608	Biological Importance of Cotton By-Products Relative to Chemical Constituents of the Cotton Plant. 2017 , 22,	36
607	Extraction of Bioactive Compounds from Grape Processing By-Products. 2017 , 105-135	11
606	Chemical Composition and Antioxidant Activity of Euterpe oleracea Roots and Leaflets. 2016, 18,	10
605	A Review on Ethnopharmacological Applications, Pharmacological Activities, and Bioactive Compounds of (Mango). 2017 , 2017, 6949835	67
604	Environment-Friendly Techniques for Extraction of Bioactive Compounds From Fruits. 2017, 21-47	1
603	Ultrasound Assisted Extraction for the Recovery of Phenolic Compounds from Vegetable Sources. 2017 , 7, 47	179
602	Anthocyanin Pigments: Importance, Sample Preparation and Extraction. 2017,	11
601	The Importance of Microbial and Enzymatic Bioconversions of Isoflavones in Bioactive Compounds. 2017 , 55-93	3
600	Validation of a chromatographic method to routine analysis of trans-resveratrol and quercetin in red wines. 2017 , 52, 335-343	4
599	Profiling of antioxidant potential and phytoconstituents of Plantago coronopus. 2017 , 77, 632-641	15
598	Avalial do armazenamento a frio sobre os compostos bioativos e as caracterlticas flico-qulhicas e microbiolgicas do suco de umbu pasteurizado. 2017 , 20,	3
597	Total Phenolic Content and Antioxidant Capacity of Selected Canned Fruits. 2017, 9, 96	1

596	Phenolic content and antioxidant activity of fruit of Brazilian genotypes of feijoa. 2017 , 52, 1223-1230	13
595	Optimizing a sustainable ultrasound-assisted extraction method for the recovery of polyphenols from lemon by-products: comparison with hot water and organic solvent extractions. 2018 , 244, 1353-1365	28
594	Assessing the phenolic profile, antioxidant, antidiabetic and protective effects against oxidative damage in human erythrocytes of peaches from Fund B . 2018 , 43, 224-233	16
593	Enzyme assisted extraction of biomolecules as an approach to novel extraction technology: A review. 2018 , 108, 309-330	183
592	Multi response optimisation of polyphenol extraction conditions from grape seeds by using ultrasound assisted extraction (UAE). 2018 , 53, 1540-1551	12
591	Analysis of the phytochemical contents and antioxidant activities of crude extracts from Tulbaghia species. 2018 , 38, 272-279	19
590	Fruit and Vegetable Waste: Bioactive Compounds, Their Extraction, and Possible Utilization. 2018 , 17, 512-531	399
589	Extraction approaches used for the determination of biologically active compounds (cyclitols, polyphenols and saponins) isolated from plant material. 2018 , 39, 1860	25
588	Total polyphenols quantification in Acridocarpus orientalis and Moringa peregrina by using NIR spectroscopy coupled with PLS regression. 2018 , 13-14, 104-112	8
587	A comparative study of different winemaking by-products derived additives on oxidation stability, mechanical and thermal proprieties of polypropylene. 2018 , 149, 9-18	18
586	The Role of Dietary Phenolic Compounds in Protein Digestion and Processing Technologies to Improve Their Antinutritive Properties. 2018 , 17, 82-103	104
585	Impact of resveratrol, epicatechin and rosmarinic acid on fluorescent AGEs and cytotoxicity of cookies. 2018 , 40, 44-50	20
584	Functional Foods and Nutraceuticals as Dietary Intervention in Chronic Diseases; Novel Perspectives for Health Promotion and Disease Prevention. 2018 , 15, 977-1009	76
583	Blueberry by-product used as an ingredient in the development of functional cookies. 2018 , 24, 301-308	9
582	Analytical Techniques for Phytochemical Estimation in Fruit Juices. 2018 , 669-692	1
581	Oxidative stability of canola oil by bioactive components during storage at ambient temperature. 2018 , 6, 342-347	3
580	The phytochemical rich potential of acorn () products and by products. 2018, 27, 819-828	11
579	Supercritical CO2 enzyme hydrolysis as a pretreatment for the release of isorhamnetin conjugates from Opuntia ficus-indica (L.) Mill. 2018 , 141, 21-28	9

578	Antioxidant Compounds Recovery from Julira Residue by Thermal Assisted Extraction. 2018, 73, 68-73	13
577	Optimization of pressurized liquid extraction by response surface methodology of Goji berry (Lycium barbarum L.) phenolic bioactive compounds. 2018 , 39, 1673-1682	24
576	Condensed Tannins from Longan Bark as Inhibitor of Tyrosinase: Structure, Activity, and Mechanism. 2018 , 66, 908-917	69
575	Impact of extraction parameters and their optimization on the nutraceuticals and antioxidant properties of aqueous extract mulberry leaf. 2018 , 21, 717-732	19
574	A review on polyphenols: Classification, beneficial effects and their application in dairy products. 2018 , 71, 564-578	61
573	Storage study of cereal bars formulated with banana peel flour. 2018 , 48, 386-396	5
572	Wild aromatic plants bioactivity: a function of their (poly)phenol seasonality? A case study from Mediterranean area. 2018 , 17, 785-799	12
571	Enhancement of Bioactive Compounds and Antioxidant Activities of Olive (Olea europaea L.) Leaf Extract by Instant Controlled Pressure Drop. 2018 , 11, 1222-1229	10
570	A systematic review on phenolic compounds in Passiflora plants: Exploring biodiversity for food, nutrition, and popular medicine. 2018 , 58, 785-807	26
569	A comparison of the phenolic profile and antioxidant activity of different Cichorium spinosum L. ecotypes. 2018 , 98, 183-189	26
568	Subcritical water extraction enhancement by adding deep eutectic solvent for extracting xanthone from mangosteen pericarps. 2018 , 133, 615-624	36
567	Use of Red Beet (Beta vulgaris L.) for Antimicrobial Applications Critical Review. 2018, 11, 17-42	20
566	Residual brewing yeast as a source of polyphenols: Extraction, identification and quantification by chromatographic and chemometric tools. <i>Food Chemistry</i> , 2018 , 267, 246-254	22
565	Membrane-based agro-food production processes for polyphenol separation, purification and concentration. 2018 , 23, 149-164	50
564	Polyphenols Fingerprinting in Olive Oils Through Maximum-Quantum NMR Spectroscopy. 2018 , 11, 1012-102	07
563	Phenolic extracts from grape stems inhibit Listeria monocytogenes motility and adhesion to food contact surfaces. 2018 , 32, 889-907	15
562	Antioxidant and antimicrobial activity of oils obtained from a mixture of citrus by-products using a modified supercritical carbon dioxide. 2018 , 57, 339-348	24
561	Reaction Mechanisms and Structural and Physicochemical Properties of Caffeic Acid Grafted Chitosan Synthesized in Ascorbic Acid and Hydroxyl Peroxide Redox System. 2018 , 66, 279-289	38

560	Development of extraction method for characterization of free and bonded polyphenols in barley (Hordeum vulgare L.) grown in Czech Republic using liquid chromatography-tandem mass 8.5 spectrometry. <i>Food Chemistry</i> , 2018 , 245, 829-837	10
559	Protective effect of the hydroalcoholic extract of Tripodanthus acutifolius in hypercholesterolemic Wistar rats. 2018 , 97, 300-309	2
558	Bioactive compounds in Mexican genotypes of cocoa cotyledon and husk. <i>Food Chemistry</i> , 2018 , 240, 831-839	35
557	Bioactive compounds, pigment content and antioxidant capacity of selected cabbage cultivars. 2018 , 19, 593-606	1
556	Evaluacifi de la Actividad Anti-inflamatoria de Prop l eos Chileno sobre Cortes Histolgicos de Orejas de Ratfi. 2018 , 36, 189-193	
555	The effects of ultrasound-assisted extraction on polyphenolics compounds obtained from Physalis angulata using response surface approach. 2018 , 40, 35530	
554	Influence of drying process on total phenolics, antioxidative activity and selected physical properties of edible bolete (Phlebopus colossus (R. Heim) Singer) and changes during storage. 2018 , 38, 231-237	9
553	Engineering of Microbial Cell Factories for the Production of Plant Polyphenols with Health-Beneficial Properties. 2018 , 24, 2208-2225	13
552	A Portable Smartphone-Based Sensing System Using a 3D-Printed Chip for On-Site Biochemical Assays. 2018 , 18,	8
551	DragonN Blood Sap: Storage Stability and Antioxidant Activity. 2018, 23,	3
550	Analysis of Polyphenols in the Lamiaceae Family by Matrix Solid-Phase Dispersion Extraction Followed by Ultra-High-Performance Liquid Chromatographyllandem Mass Spectrometry Determination. 2018 , 3, 17610-17616	14
549	Extraction and Identification of Health-Promoting Phytochemicals from Brussels Sprouts. 2018 , 151-174	1
548	Polyphenolic Profile of the Fruits Grown in Serbia. 2018 , 47-66	
547	Effects of the Extract (Klamin) on a Neurodegeneration Cellular Model. 2018 , 2018, 9089016	17
546	Beverage Emulsions: Key Aspects of Their Formulation and Physicochemical Stability. 2018 , 4, 70	17
545	Sweet Cherry Phenolic Compounds: Identification, Characterization, and Health Benefits. 2018 , 31-78	13
544	Rambutan peel as a source of food antioxidant extracts. 2018 , 971-978	
543	An Overview of Dietary Polyphenols and Their Therapeutic Effects. 2018 , 221-235	2

542	Design, Fabrication, Characterization, and In Vitro Digestion of Alkaloid-, Catechin-, and Cocoa Extract-Loaded Liposomes. 2018 , 66, 12051-12065	-	16
541	Photoprotective Substances Derived from Marine Algae. 2018 , 16,	Į -	55
540	Modelling and optimisation of grape seed drying: Equivalence between the lumped and distributed parameter models. 2018 , 176, 26-35	ţ	5
539	Extraction, Identification, and Potential Health Benefits of Spinach Flavonoids: A Review. 2018 , 107-136	8	8
538	Evaluation of Radical Scavenging Capacity of Polyphenols Found in Natural Malaysian Honeys by Voltammetric Techniques. 2018 , 30, 2939-2949	2	4
537	Morphological control of nanoprobe for colorimetric antioxidant detection. 2018 , 122, 183-188	2	28
536	Detection and assessment of the phytotoxicity of residual organic pollutants in sediment contaminated with pulp and paper mill effluent. 2018 , 190, 581	2	40
535	Phytochemical screening, free radical scavenging and antimicrobial potential of Chromolaena odorata leaf extracts against pathogenic bacterium in wound infections multispectrum perspective. 2018 , 15, 103-112	1	18
534	Analysis of Extraction Kinetics of Bioactive Compounds from Spent Coffee Grounds (Coffee arBica). 2018 , 9, 2381-2389	-	15
533	New Trends in Food Technology for Green Recovery of Bioactive Compounds From Plant Materials. 2018 , 1-36	2	2
532	Polyphenols in carobs: A review on their composition, antioxidant capacity and cytotoxic effects, and health impact. <i>Food Chemistry</i> , 2018 , 269, 355-374	5 (60
531	Self-selection of plant bioactive compounds by sheep in response to challenge infection with Haemonchus contortus. 2018 , 194, 302-310	(6
530	Biochanin A: A phytoestrogen with therapeutic potential. 2018 , 79, 55-66	2	25
529	Anthocyanins and polyphenols in Cabernet Franc wines produced with Saccharomyces cerevisiae and Torulaspora delbrueckii yeast strains: Spectrophotometric analysis and effect on selected 8.5 sensory attributes. <i>Food Chemistry</i> , 2018 , 268, 287-291	, (6
528	The Antioxidant Activity and Inhibition of Intracellular Reactive Oxygen Species of Sweet Potato Leaf Polyphenols. 2018 , 2018, 9017828	-	17
527	Determination of the phenolic profile of peach (Prunus persica L.) kernels using UHPLCIITQ OrbiTrap MS/MS technique. 2018 , 244, 2051-2064		19
526	Integrated Processing of Biomass Resources for Fine Chemical Obtaining. 2018 , 113-160	2	4
525	Biocides. 2018 , 478-478	(6

524	Photodegradation of Natural Wood Veneer and Studies on Its Color Stabilization for Automotive Interior Materials. 2018 , 38, 301-312	1
523	Emerging technologies for the extraction of polyphenols from natural sources. 2018 , 265-293	2
522	Cosmetics. 2018 , 393-427	3
521	Ultrasensitive Amperometric Biosensing of Polyphenols Using Horseradish Peroxidase Immobilized in a Laponite/Au/DNA-Bioinspired Polycation Nanocomposite. 2018 , 165, B452-B457	6
520	Optimization of Conditions for Extraction of Polyphenols and the Determination of the Impact of Cooking on Total Polyphenolic, Antioxidant, and Anticholinesterase Activities of Potato. 2018 , 7,	12
519	In Vitro Assessment of Total Phenolic and Flavonoid Contents, Antioxidant and Photoprotective Activities of Crude Methanolic Extract of Aerial Parts of Capnophyllum peregrinum (L.) Lange (Apiaceae) Growing in Algeria. 2018 , 5,	8
518	Nanomaterial-Based Sensing and Biosensing of Phenolic Compounds and Related Antioxidant Capacity in Food. 2018 , 18,	84
517	Polyphenols analysis and related challenges. 2018 , 177-232	4
516	Preparation and characterization of inclusion complex of (+)-catechin with Eyclodextrin. 2018 , 113, 263-268	12
515	Recovery technologies and encapsulation techniques. 2018 , 233-264	O
514	Solvent Extraction of Polyphenolics from the Indigenous African Fruit and Characterization by LC-HRMS. 2018 , 7,	9
513	Polyphenols (S3) Isolated from Cone Scales of Pinus koraiensis Alleviate Decreased Bone Formation in Rat under Simulated Microgravity. 2018 , 8, 12719	10
512	Optimization of azo printing dye removal with oak leaves-nZVI/H2O2 system using statistically designed experiment. 2018 , 202, 65-80	25
511	Capillary Electrophoresis Food Chemistry Applications. 2018,	
510	Detection and Quantitation of Frauds in the Authentication of Cranberry-Based Extracts by UHPLC-HRMS (Orbitrap) Polyphenolic Profiling and Multivariate Calibration Methods. 2018 , 66, 9353-9365	14
509	Insights into the phenolic compounds present in jambolan (Syzygium cumini) along with their health-promoting effects. 2018 , 53, 2431-2447	11
508	Antioxidant effect of hawk tea extracts on camellia oil oxidation during microwave heating. 2018 , 13, 391-398	2
507	Valorization of food solid waste by recovery of polyphenols using hybrid molecular imprinted membrane. 2018 , 6, 4160-4170	12

506	Comparative study of red berry pomaces (blueberry, red raspberry, red currant and blackberry) as source of antioxidants and pigments. 2019 , 245, 1-9	22
505	Evaluation of inhibitory activity of natural plant polyphenols on Soybean lipoxygenase by UFLC-mass spectrometry. 2019 , 120, 179-185	8
504	Evaluation of Antioxidant and Anticorrosion Properties of Epipremnum aureum. 2019, 44, 169-178	8
503	Potential of traditionally consumed medicinal herbs, spices, and food plants to inhibit key digestive enzymes geared towards diabetes mellitus management (IA) systematic review. 2019 , 120, 3-24	21
502	Chromatic analysis for predicting anthocyanin content in fruits and vegetables. 2019 , 39, 415-422	6
501	Antifungal and antioxidant activities of mature leaves of Myrcia splendens (Sw.) DC. 2019 , 79, 127-132	5
500	Effects of cross-pollination by MurcottNtangor on the physicochemical properties, bioactive compounds and antioxidant capacities of NQicheng 52Navel orange. <i>Food Chemistry</i> , 2019 , 270, 476-480 ^{8.5}	2
499	Polyphenolic composition, antioxidant and antiproliferative effects of wild and cultivated blackberries (Rubus fruticosus L.) pomace. 2019 , 54, 194-201	14
498	Nutraceutical and antioxidant evaluation of Abelmoschus taxa. 2019 , 25, 610-618	0
497	A Comprehensive Review on the Chemical Constituents and Functional Uses of Walnut (spp.) Husk. 2019 , 20,	45
496	Optimized ultrasonic-assisted extraction of phenolic antioxidants from grape (L.) skin using response surface methodology. 2019 , 56, 4417-4428	4
495	The importance of antioxidants and place in todayN scientific and technological studies. 2019 , 56, 4757-4774	22
494	Effects of LED lights on Expression of Genes Involved in Phenylpropanoid Biosynthesis and Accumulation of Phenylpropanoids in Wheat Sprout. 2019 , 9, 307	20
493	Antioxidant Potential, Phytochemicals Composition, and Metal Contents of. 2019 , 2019, 2403718	14
492	Grapes. 2019 , 133-163	5
491	Process and Impact of the Addition of Biocompounds on the Development of Pasteurized Healthy Juices. 2019 , 273-307	1
490	Antioxidant and antimicrobial activities of water-soluble polysaccharide isolated from Balangu seed (Lallemantia royleana) gum. 2019 , 10,	6
489	Smartphone-based colorimetric assay of antioxidants in red wine using oxidase-mimic MnO nanosheets. 2019 , 144, 5479-5485	14

488	Technology and Process Design for Phenols Recovery from Industrial Chicory () Leftovers. 2019, 24,	5
487	Hesperetin and naringenin: Protective effects against metabolic syndromellssociated inflammation. 2019 , 207-239	1
486	Classical and emerging non-destructive technologies for safety and quality evaluation of cereals: A review of recent applications. 2019 , 91, 598-608	25
485	Dihydromyricetin: A review on identification and quantification methods, biological activities, chemical stability, metabolism and approaches to enhance its bioavailability. 2019 , 91, 586-597	39
484	Application of multivariate optimization for the selective extraction of phenolic compounds in cashew nuts (Anacardium occidentale L.). 2019 , 205, 120100	12
483	In Vivo Effects of Polymerized Anthocyanin from Grape Skin on Benign Prostatic Hyperplasia. 2019 , 11,	16
482	Research and Production of Ingredients Using Unconventional Raw Materials as Alternative Substrates. 2019 , 255-272	
481	Effect of 1-methylcyclopropene on cactus pear fruit at different maturity stages during storage. 2019 , 221-228	3
480	Potential uses of LF-NMR and MRI in the study of water dynamics and quality measurement of fruits and vegetables. 2019 , 43, e14202	13
479	Phenolic acids: Natural versatile molecules with promising therapeutic applications. 2019 , 24, e00370	288
479 47 ⁸	Phenolic acids: Natural versatile molecules with promising therapeutic applications. 2019 , 24, e00370 Investigation of removal of anthocyanin in turnip juice wastewater by using different adsorbents. 2019 , 1, 1	288
	Investigation of removal of anthocyanin in turnip juice wastewater by using different adsorbents.	
47 ⁸	Investigation of removal of anthocyanin in turnip juice wastewater by using different adsorbents. 2019, 1, 1 A sensitive lanthanide label array method for rapid fingerprint analysis of plant polyphenols based	2
478 477	Investigation of removal of anthocyanin in turnip juice wastewater by using different adsorbents. 2019, 1, 1 A sensitive lanthanide label array method for rapid fingerprint analysis of plant polyphenols based on time-resolved luminescence. 2019, 11, 5044-5054 Polyphenolic Characterization of Grape Skins and Seeds of Four Italian Red Cultivars at Harvest and	2
478 477 476	Investigation of removal of anthocyanin in turnip juice wastewater by using different adsorbents. 2019, 1, 1 A sensitive lanthanide label array method for rapid fingerprint analysis of plant polyphenols based on time-resolved luminescence. 2019, 11, 5044-5054 Polyphenolic Characterization of Grape Skins and Seeds of Four Italian Red Cultivars at Harvest and after Fermentative Maceration. 2019, 8, Inhibition of Blucosidase activity and non-enzymatic glycation by tannic acid: Inhibitory activity	2 1 26
478 477 476 475	Investigation of removal of anthocyanin in turnip juice wastewater by using different adsorbents. 2019, 1, 1 A sensitive lanthanide label array method for rapid fingerprint analysis of plant polyphenols based on time-resolved luminescence. 2019, 11, 5044-5054 Polyphenolic Characterization of Grape Skins and Seeds of Four Italian Red Cultivars at Harvest and after Fermentative Maceration. 2019, 8, Inhibition of Eglucosidase activity and non-enzymatic glycation by tannic acid: Inhibitory activity and molecular mechanism. 2019, 141, 358-368 Evaluation of the impact of pre-treatment and extraction conditions on the polyphenolic profile	2 1 26 17
478 477 476 475 474	Investigation of removal of anthocyanin in turnip juice wastewater by using different adsorbents. 2019, 1, 1 A sensitive lanthanide label array method for rapid fingerprint analysis of plant polyphenols based on time-resolved luminescence. 2019, 11, 5044-5054 Polyphenolic Characterization of Grape Skins and Seeds of Four Italian Red Cultivars at Harvest and after Fermentative Maceration. 2019, 8, Inhibition of Eglucosidase activity and non-enzymatic glycation by tannic acid: Inhibitory activity and molecular mechanism. 2019, 141, 358-368 Evaluation of the impact of pre-treatment and extraction conditions on the polyphenolic profile and antioxidant activity of Belgium apple wood. 2019, 245, 2565-2578 Structure-antioxidant activity relationships, QSAR, DFT calculation, and mechanisms of flavones	2 1 26 17 6

(2019-2019)

470	Non-destructive determination of strawberry fruit and juice quality parameters using ultraviolet, visible, and near-infrared spectroscopy. 2019 , 99, 5953-5961		11
469	Comparison of antibacterial and antibiofilm activities of biologically synthesized silver nanoparticles against several bacterial strains of medical interest. 2019 , 4, 143-159		12
468	Electrochemical Biosensors for Antioxidants. 2019 , 105-146		3
467	Enrichment of polymethoxyflavones from Citrus reticulata C hachiNpeels and their hypolipidemic effect. 2019 , 1124, 226-232		9
466	Interaction of Photoprotective and Acclimation Mechanisms in Ulva rigida (Chlorophyta) in Response to Diurnal Changes in Solar Radiation in Southern Chile. 2019 , 55, 1011-1027		7
465	Large Volume Sample Stacking (LVSS) in Capillary Electrophoresis (CE) with Response Surface Methodology (RSM) for the Determination of Phenolics in Food Samples. 2019 , 52, 2853-2867		6
464	Blueberry pomace as a source of antioxidant fibre in cookies: ConsumerN expectations and critical attributes for developing a new product. 2019 , 25, 642-648		7
463	High-performance carbon black/molybdenum disulfide nanohybrid sensor for cocoa catechins determination using an extraction-free approach. 2019 , 296, 126651		26
462	Development of surrogate standards approach for the determination of polyphenols in Vernonia amygdalina Del 2019 , 82, 103231		3
461	Ethnobotanical uses, biological activities and chemical properties of Kei-apple [Dovyalis caffra (Hook.f. & Harv.) Sim]: An indigenous fruit tree of southern Africa. 2019 , 241, 111963		12
460	Blueberry pomace, valorization of an industry by-product source of fibre with antioxidant capacity. 2019 , 39, 644-651		14
459	Citrus peels waste as a source of value-added compounds: Extraction and quantification of bioactive polyphenols. <i>Food Chemistry</i> , 2019 , 295, 289-299	8.5	96
458	Delivery of natural phenolic compounds for the potential treatment of lung cancer. 2019 , 27, 433-449		15
457	Nanohybrid carbon black-molybdenum disulfide transducers for preconcentration-free voltammetric detection of the olive oil o-diphenols hydroxytyrosol and oleuropein. 2019 , 186, 363		24
456	Effect of ultrasound processing on the bioaccessibility of phenolic compounds and antioxidant capacity of selected vegetables. 2019 , 28, 1713-1721		17
455	Antioxidant and antibacterial activity and preliminary toxicity analysis of four varieties of avocado (Persea americana Mill.). 2019 , 22,		14
454	In vitro methods to determine the antioxidant activity of caffeic acid. 2019, 219, 358-366		41
453	Food Preservative Capabilities of Grape (Vitis vinifera) and Clementine Mandarin (Citrus reticulata) By-products Extracts in South Africa. 2019 , 11, 1746		13

452	Research trends in food chemistry: A bibliometric review of its 40 years anniversary (1976-2016). <i>Food Chemistry</i> , 2019 , 294, 448-457	8.5	49
451	Aonla phytochemicals: extraction, identification and quantification. 2019 , 56, 2278-2286		5
450	Strawberry jams enriched with extract. 2019 , 25, 497-503		
449	Instrumentation Applied to Metabolomic Analysis. 2019 , 239-292		
448	Total phenolic content and antioxidant capacity of agri-food waste and by-products. 2019 , 18, 336-341		38
447	Phytochemical Content of Melissa officinalis L. Herbal Preparations Appropriate for Consumption. 2019 , 7, 88		8
446	Molecular Mechanisms and Bioavailability of Polyphenols in Prostate Cancer. 2019, 20,		33
445	Intake of Anthocyanins and Gastric Cancer Risk: A Comprehensive Meta-Analysis on Cohort and Case-Control Studies. 2019 , 65, 72-81		7
444	Rapid method for quantification of anthocyanidins and anthocyanins in human biological samples. <i>Food Chemistry</i> , 2019 , 290, 56-63	8.5	10
443	A Critical Review of Phenolic Compounds Extracted from the Bark of Woody Vascular Plants and Their Potential Biological Activity. 2019 , 24,		103
442	Evaluation of bioactive compounds extracted from Hayward kiwifruit pomace by subcritical water extraction. 2019 , 115, 143-153		34
441	Recovery of flavonoids using novel biodegradable choline amino acids ionic liquids based ATPS. 2019 , 493, 1-9		12
440	Rutin alleviates cadmium-induced neurotoxicity in Wistar rats: involvement of modulation of nucleotide-degrading enzymes and monoamine oxidase. 2019 , 34, 1181-1190		11
439	Phenolic Composition, Antimicrobial and Antioxidant Properties of Belgian Apple Wood Extracts. 2019 , 9, 24-38		2
438	Polyphenols Modulate AlzheimerN Amyloid Beta Aggregation in a Structure-Dependent Manner. 2019 , 11,		32
437	Analysis of Frying. 2019 , 207-275		
436	ANTICANCER ACTIVITY OF MICRO-ALGAE EXTRACT ON HUMAN CANCER CELL LINE (MG-63). 2019 , 12, 139		4
435	Quality Improvement and New Product Development in the Hibiscus Beverage Industry. 2019 , 139-183		4

(2019-2019)

434	Silver and gold nanoparticles based colorimetric assays for the determination of sugars and polyphenols in apples. 2019 , 119, 359-368	26
433	Determination of ellagic acid in rose matrix by spectrofluorimetry. 2019 , 78, 91-100	5
432	Metabolomics: An Emerging Tool for Wine Characterization and the Investigation of Health Benefits. 2019 , 315-350	4
431	Arsenic Removal from Water by Green Synthesized Magnetic Nanoparticles. 2019 , 11, 2520	16
430	Agro-Industrial Waste Revalorization: The Growing Biorefinery. 2019,	18
429	Polyphenols from (Goji) Fruit European Cultivars at Different Maturation Steps: Extraction, HPLC-DAD Analyses, and Biological Evaluation. 2019 , 8,	16
428	Antioxidants of Natural Plant Origins: From Sources to Food Industry Applications. 2019, 24,	259
427	Phenolic Antioxidants in Aerial Parts of Wild Species: Towards Pharmaceutical and Biological Properties. 2019 , 8,	10
426	Quantification of Polyphenols in Seaweeds: A Case Study of. 2019 , 8,	13
425	Recent advances in phenolic-protein conjugates: synthesis, characterization, biological activities and potential applications 2019 , 9, 35825-35840	35
424	A simple and efficient method for enrichment of cocoa polyphenols from cocoa bean husks with macroporous resins following a scale-up separation. 2019 , 243, 82-88	16
423	A co-immobilization of pectinase and cellulase onto magnetic nanoparticles for antioxidant extraction from waste fruit peels. 2019 , 17, 470-479	35
422	Spruce and beech bark aqueous extracts: source of polyphenols, tannins and antioxidants correlated to in vitro antitumor potential on two different cell lines. 2019 , 53, 313-333	27
421	Determination of nutritional composition in citrus fruits (C. aurantium) during maturity. 2019 , 49, 299-317	9
420	Antioxidant Activity of Phenolic Compounds Biosynthesized by Plants and Its Relationship With Prevention of Neurodegenerative Diseases. 2019 , 3-31	3
419	Bio-guided profiling and HPLC-DAD finger printing of Atriplex lasiantha Boiss. 2019 , 19, 4	20
418	Beyond the wall: High-throughput quantification of plant soluble and cell-wall bound phenolics by liquid chromatography tandem mass spectrometry. 2019 , 1589, 93-104	17
417	Characterization of Sparkling Wines According to Polyphenolic Profiles Obtained by HPLC-UV/Vis and Principal Component Analysis. 2019 , 8,	9

416	Bioactive compound-rich, virtually unknown, edible fruits from the Atlantic Rainforest: changes in antioxidant activity and related bioactive compounds during ripening. 2019 , 245, 1081-1093	4
415	Dough properties, bread quality, and associated interactions with added phenolic compounds: A review. 2019 , 52, 629-639	58
414	Therapeutic Potentials of the Most Studied Flavonoids: Highlighting Antibacterial and Antidiabetic Functionalities. 2019 , 60, 85-122	7
413	Not Only What Is Food Is GoodPolyphenols From Edible and Nonedible Vegetable Waste. 2019, 3-21	1
412	Phenolic Natural Compounds and Their Influence on Physiological Processes in Plants. 2019 , 45-58	19
411	Characterization and Quantification of Polyphenols in Fruits. 2019 , 111-121	5
410	Chromatographic Analysis of Polyphenols. 2019 , 353-364	3
409	Extraction of Polyphenols From Aromatic and Medicinal Plants: An Overview of the Methods and the Effect of Extraction Parameters. 2019 , 243-259	32
408	Are polyphenol antioxidants at the root of medicinal plant anti-cancer success?. 2019 , 229, 54-72	46
407	Green extraction process of tannins obtained from Moroccan Acacia mollissima barks by microwave: Modeling and optimization of the process using the response surface methodology RSM. 2019 , 12, 2668-2684	23
406	Antioxidant compounds from blackberry (Rubus fruticosus) pomace: Microencapsulation by spray-dryer and pH stability evaluation. 2019 , 20, 100177	16
405	Characterisation of nutraceutical compounds from different parts of particular species of Citrus sinensis Mvale CalabreseNby UHPLC-UV-ESI-HRMS. 2019 , 33, 244-251	19
404	Standard methods for Apis mellifera propolis research. 2019 , 58, 1-49	105
403	Effect of Maltodextrin Content and Inlet Temperature on the Powder Qualities of Spray-Dried Pineapple (Ananas comosus) Waste Extract. 2020 , 11, 3247-3255	2
402	Evaluation of Industrial Sour Cherry Liquor Wastes as an Ecofriendly Source of Added Value Chemical Compounds and Energy. 2020 , 11, 201-210	5
401	Isolation of gallic acid, caffeine and flavonols from black tea by on-line coupling of pressurized liquid extraction with an adsorbent for the production of functional bakery products. 2020 , 117, 108661	22
400	Cadmium sulfide quantum dots impact Arabidopsis thaliana physiology and morphology. 2020 , 240, 124856	14
399	Analysis of Polyphenolic Content in Teas Using Sensors. 2020 , 359-397	2

(2020-2020)

398	A novel gold nanocluster-based fluorometric biosensor for measuring prooxidant activity with a large Stokes shift. 2020 , 208, 120425	11
397	Integral valorization of fruit waste from wine and cider industries. 2020 , 242, 118486	35
396	Antioxidant Activity of Polyphenols Extracted From Hop Used in Craft Beer. 2020, 283-310	5
395	Analytical methods focused on studying phytonutrients in food. 2020 , 237-244	О
394	Phytochemicals in Barringtonia species: Linking their traditional uses as food and medicine with current research. 2020 , 19, 100299	0
393	Advanced sensing technologies of phenolic compounds for pharmaceutical and biomedical analysis. 2020 , 179, 112913	28
392	Bioactive potential of fruit and vegetable wastes. 2020 , 91, 157-225	70
391	Application of Cudrania tricuspidata leaf extract as a washing agent to inactivate Listeria monocytogenes on fresh-cut romaine lettuce and kale. 2020 , 55, 276-282	6
390	HPLCMS/MS profiling of wild-growing scentless chamomile. 2020 , 32, 86-94	9
389	Metal Nano-Oxide based Colorimetric Sensor Array for the Determination of Plant Polyphenols with Antioxidant Properties. 2020 , 53, 627-645	4
388	Determination of Phenolic Compounds in Three Edible Ripening Stages of Yellow Guava (Psidium cattleianum Sabine) after Acidic Hydrolysis by LC-MS/MS. 2020 , 75, 110-115	4
387	Polyphenol profile comparisons of seed coats of five pulse crops using a semi-quantitative liquid chromatography-mass spectrometric method. 2020 , 31, 458-471	10
386	Effect of storage, food processing and novel extraction technologies on onions flavonoid content: A review. 2020 , 132, 108953	23
385	If you cannot beat them, join them: Exploring the fruits of the invasive species Carpobrotus edulis (L.) N.E. Br as a source of bioactive products. 2020 , 144, 112005	7
384	Chemical Characterization and Antioxidant Properties of Ethanolic Extract and Its Fractions from Sweet Potato (L.) Leaves. 2019 , 9,	11
383	Phenolic Compounds with Antioxidant Properties from Canola Meal Extracts Inhibit Adipogenesis. 2019 , 21,	130
382	Colon Bioaccessibility under In Vitro Gastrointestinal Digestion of a Red Cabbage Extract Chemically Profiled through UHPLC-Q-Orbitrap HRMS. 2020 , 9,	6
381	Micellar enhanced ultrafiltration for the valorization of phenolic compounds and polysaccharides from winery wastewaters. 2020 , 38, 101565	6

380	Extracts from strawberry by-products rich in phenolic compounds reduce the activity of apple polyphenol oxidase. 2020 , 133, 110097	13
379	Bioactive compounds in oranges from the Mediterranean climate area. 2020 , 293-309	1
378	Timing and Pattern of Anthocyanin Accumulation during Grain Filling in Purple Waxy Corn (L.) Suggest Optimal Harvest Dates. 2020 , 5, 15702-15708	4
377	Overview of neoteric solvents as extractants in food industry: A focus on phenolic compounds separation from liquid streams. 2020 , 136, 109558	22
376	Recent advances in food products fortification with anthocyanins. 2020, 1-15	11
375	Experimental approach, theoretical investigation and molecular docking of 2- chloro-5-fluoro phenol antibacterial compound. 2020 , 6, e05464	О
374	Rosanortriterpenes A-B, Two Promising Agents from var. , Alleviate Inflammatory Responses and Liver Fibrosis in In Vitro Cell Models. 2020 , 2020, 8872945	
373	Bioactive constituents of Lathyrus czeczottianus and ethyl acetate and water extracts and their biological activities: An endemic plant to Turkey. 2020 , 143, 306-306	1
372	Review on Advanced Methods for Extraction and Identification of Nature-Derived Bioactive and Economic Products. 2020 , 75-100	
371	LA Review of Phytochemistry and Biological Effects. 2020 , 12,	23
37 ¹	LA Review of Phytochemistry and Biological Effects. 2020, 12, Nutraceutical potential and utilization aspects of food industry by-products and wastes. 2020, 89-111	23
370	Nutraceutical potential and utilization aspects of food industry by-products and wastes. 2020 , 89-111 Evaluation of Polyphenolic Profile and Antioxidant Activity of L. Leaves and Fruit Extract Obtained	6
37° 369	Nutraceutical potential and utilization aspects of food industry by-products and wastes. 2020 , 89-111 Evaluation of Polyphenolic Profile and Antioxidant Activity of L. Leaves and Fruit Extract Obtained by Optimized Microwave-Assisted Extraction. 2020 , 9,	6 17
37° 369 368	Nutraceutical potential and utilization aspects of food industry by-products and wastes. 2020, 89-111 Evaluation of Polyphenolic Profile and Antioxidant Activity of L. Leaves and Fruit Extract Obtained by Optimized Microwave-Assisted Extraction. 2020, 9, Analytical Strategies for Determining Polyphenols in Foods and Biological Samples. 2020, 85-128 Physicochemical Changes, Phenolic Profile and Antioxidant Capacities of Colored and White Grape	6 17 0
37° 369 368 367	Nutraceutical potential and utilization aspects of food industry by-products and wastes. 2020, 89-111 Evaluation of Polyphenolic Profile and Antioxidant Activity of L. Leaves and Fruit Extract Obtained by Optimized Microwave-Assisted Extraction. 2020, 9, Analytical Strategies for Determining Polyphenols in Foods and Biological Samples. 2020, 85-128 Physicochemical Changes, Phenolic Profile and Antioxidant Capacities of Colored and White Grape (Vitis Vinifera L.) Varieties during Berry Development and Maturity. 2020, 20, S1773-S1783 The antioxidant capacity of an imidazole alkaloids family through single-electron transfer reactions.	6 17 0
369 368 367 366	Nutraceutical potential and utilization aspects of food industry by-products and wastes. 2020, 89-111 Evaluation of Polyphenolic Profile and Antioxidant Activity of L. Leaves and Fruit Extract Obtained by Optimized Microwave-Assisted Extraction. 2020, 9, Analytical Strategies for Determining Polyphenols in Foods and Biological Samples. 2020, 85-128 Physicochemical Changes, Phenolic Profile and Antioxidant Capacities of Colored and White Grape (Vitis Vinifera L.) Varieties during Berry Development and Maturity. 2020, 20, S1773-S1783 The antioxidant capacity of an imidazole alkaloids family through single-electron transfer reactions. 2020, 26, 321	6 17 0 2 4

362	Structural Diversity of Polyphenols and Distribution in Foods. 2020 , 1-29	4
361	The effect of abrasive pretreatment on the drying kinetics and phenolic compounds in goji berries (Lycium barbarum L.). 2020 , 44, e14933	3
360	Biosensors and Sensing Systems for Rapid Analysis of Phenolic Compounds from Plants: A Comprehensive Review. 2020 , 10,	14
359	Purification and Isolation Techniques for Enrichment of Bioactive Phytochemicals from Herbs and Spices. 2020 , 177-206	1
358	Secondary Metabolites and Antioxidant Activity of the Solid-State Fermentation in Apple (L.) and Agave Mezcalero (H.) Bagasse. 2020 , 6,	6
357	Effect of drying methods and storage with agro-ecological conditions on phytochemicals and antioxidant activity of fruits: a review. 2020 , 1-9	9
356	Grape Polyphenols to Arrest in Vitro Proliferation of Human Leukemia Cells: A Systematic Review and Meta-analysis. 2020 , 1-18	4
355	. 2020,	2
354	Antioxidant and antimicrobial preservatives: Properties, mechanism of action and applications in food - a review. 2020 , 1-17	17
353	Exploratory study of removing nutrients from aqueous environments employing a green synthesised nano zero-valent iron. 2020 , 1-16	1
352	Influence of Thermal Processing on the Bioactive, Antioxidant, and Physicochemical Properties of Conventional and Organic Agriculture Black Garlic (Allium sativum L.). 2020 , 10, 8638	10
351	Antioxidant and Antimicrobial Activity of Essential Oils and Phenolic Extracts from the Aerial Parts of Ruta montana L. of the Middle Atlas Mountains-Morocco. 2020 , 23, 902-917	3
350	Challenge of Utilization Vegetal Extracts as Natural Plant Protection Products. 2020 , 10, 8913	8
349	Effects of the Appropriate Addition of Antioxidants from and Extracts on Methane Emission and Rumen Fermentation. 2020 , 10,	1
348	Enhancement of phenylpropanoid accumulation in tartary buckwheat hairy roots by overexpression of MYB transcription factors. 2020 , 156, 112887	4
347	The Structural Integrity of the Model Lipid Membrane during Induced Lipid Peroxidation: The Role of Flavonols in the Inhibition of Lipid Peroxidation. 2020 , 9,	13
346	In Vitro Biological Activities of Fruits and Leaves of Thunb. and Their Isoprenoids and Polyphenolics Profile. 2020 , 9,	2
345	Choline chlorideBased deep eutectic solvents (Ch-DESs) as promising green solvents for phenolic compounds extraction from bioresources: state-of-the-art, prospects, and challenges. 2020 , 1	14

344	Valorisation of By-Products from Soybean ((L.) Merr.) Processing. 2020 , 25,	24
343	Valorization of Flourensia cernua DC as source of antioxidants and antifungal bioactives. 2020 , 152, 112422	2
342	The Amino Acid Contents in Mangrove Rhizophora mucronata Leaves in Asahan, North Sumatra, Indonesia. 2020 , 151, 01047	3
341	LC-ESI-QTOF-MS profiling, protective effects on oxidative damage, and inhibitory activity of enzymes linked to type 2 diabetes and nitric oxide production of Vaccinium corymbosum L. (Ericaceae) extracts. 2020 , 10, 603-622	4
340	Targeted release of nanoencapsulated food ingredients. 2020 , 79-120	3
339	Antioxidant Potential Overviews of Secondary Metabolites (Polyphenols) in Fruits. 2020 , 2020, 9081686	63
338	Determination of Polyphenols Using Liquid Chromatography-Tandem Mass Spectrometry Technique (LC-MS/MS): A Review. 2020 , 9,	38
337	Double-Interface Binding of Two Bioactive Compounds with Cage-Like Ferritin. 2020 , 68, 7779-7788	7
336	Specialty chemicals and nutraceuticals production from food industry wastes. 2020 , 189-209	4
335	Effect of Salinity Stress on Phenylpropanoid Genes Expression and Related Gene Expression in Wheat Sprout. 2020 , 10, 390	8
334	Antioxidant Content of Frozen, Convective Air-Dried, Freeze-Dried, and Swell-Dried Chokecherries (L.). 2020 , 25,	5
333	The links between supplementary tannin levels and conjugated linoleic acid (CLA) formation in ruminants: A systematic review and meta-analysis. 2020 , 15, e0216187	14
332	5. Polyphenol encapsulation happlication of innovative technologies to improve stability of natural products. 2020 , 109-130	
331	Polyphenols as Possible Agents for Pancreatic Diseases. 2020 , 9,	7
330	Valorization of Globe Artichoke (Cynara scolymus) Agro-Industrial Discards, Obtaining an Extract with a Selective Effect on Viability of Cancer Cell Lines. 2020 , 8, 715	5
329	Biologically active and health promoting food components of nuts, oilseeds, fruits, vegetables, cereals, and legumes. 2020 , 609-656	7
328	Mixing Design for Optimizing Ultrasound-Assisted Extraction of Phenolic Components and Anthocyanins from Blue Berries and Grape Marc. 2020 , 20, S1313-S1327	O
327	The potential of phytochemical products in biofilm control. 2020 , 273-293	2

326	Siriguela peels provide antioxidant compounds-rich extract by solid[]quid extraction. 2020, 44, e14719	1
325	Assessment of hyperspectral indicators related to the content of phenolic compounds and multispectral fluorescence records in chicory leaves exposed to various light environments. 2020 , 154, 429-438	12
324	Agricultural Functions and Action Mechanisms of Plant Biostimulants (PBs). 2020, 1-30	4
323	Physicochemical and phytochemical characteristics of exotic Cungap red coconut. 2020 , 418, 012036	2
322	Simultaneous extraction and separation of bioactive compounds from apple pomace using pressurized liquids coupled on-line with solid-phase extraction. <i>Food Chemistry</i> , 2020 , 318, 126450	29
321	Variation in Morphological and Quality Parameters in Garlic (L.) Bulb Influenced by Different Photoperiod, Temperature, Sowing and Harvesting Time. 2020 , 9,	14
320	An Overview of Effects Induced by Pasteurization and High-Power Ultrasound Treatment on the Quality of Red Grape Juice. 2020 , 25,	11
319	Analysis of monophenols. 2020 , 19-37	
318	Changes in biochemistry of fresh produce in response to ozone postharvest treatment. 2020 , 269, 109397	22
317	Flavonoids as Epigenetic Modulators for Prostate Cancer Prevention. 2020 , 12,	20
317	Flavonoids as Epigenetic Modulators for Prostate Cancer Prevention. 2020, 12, Analysis of polyphenolics. 2020, 39-197	20
316	Analysis of polyphenolics. 2020 , 39-197 Colorimetric sensor array for accurate detection and identification of antioxidants based on metal	8
316	Analysis of polyphenolics. 2020, 39-197 Colorimetric sensor array for accurate detection and identification of antioxidants based on metal ions as sensor receptors. 2020, 215, 120935 Improvement of bioactive compounds content in granadilla () seeds after solid-state fermentation.	8
316 315 314	Analysis of polyphenolics. 2020, 39-197 Colorimetric sensor array for accurate detection and identification of antioxidants based on metal ions as sensor receptors. 2020, 215, 120935 Improvement of bioactive compounds content in granadilla () seeds after solid-state fermentation. 2021, 27, 234-241 Ziziphus jujuba Mill., a plant used as medicinal food: a review of its phytochemistry, pharmacology,	8 7 5
316 315 314 313	Analysis of polyphenolics. 2020, 39-197 Colorimetric sensor array for accurate detection and identification of antioxidants based on metal ions as sensor receptors. 2020, 215, 120935 Improvement of bioactive compounds content in granadilla () seeds after solid-state fermentation. 2021, 27, 234-241 Ziziphus jujuba Mill., a plant used as medicinal food: a review of its phytochemistry, pharmacology, quality control and future research. 2021, 20, 507-541 Comparative study of various processes used for removal of bitterness from kinnow pomace and	8753
316 315 314 313 312	Analysis of polyphenolics. 2020, 39-197 Colorimetric sensor array for accurate detection and identification of antioxidants based on metal ions as sensor receptors. 2020, 215, 120935 Improvement of bioactive compounds content in granadilla () seeds after solid-state fermentation. 2021, 27, 234-241 Ziziphus jujuba Mill., a plant used as medicinal food: a review of its phytochemistry, pharmacology, quality control and future research. 2021, 20, 507-541 Comparative study of various processes used for removal of bitterness from kinnow pomace and kinnow pulp residue. Food Chemistry, 2021, 335, 127643 Antioxidant Activity and Phenol Content in Different Tissues of Stone Fruits at Thinning and at	8 7 5 3

308	Chemical derivatization of natural products: Semisynthesis and pharmacological aspects- A decade update. 2021 , 78, 131801	18
307	Simultaneous separation and preliminary purification of anthocyanins from Rosa pimpinellifolia L. fruits by microwave assisted aqueous two-phase extraction. 2021 , 125, 170-180	7
306	An Infrared Analysis of Terminalia ferdinandiana Exell [Combretaceae] Fruit and Leaves T owards the Development of Biospectroscopy Tools to Characterise Uniquely Australian Foods. 2021 , 14, 423-429	2
305	Corylus avellana L. Husks an Underutilized Waste but a Valuable Source of Polyphenols. 2021 , 12, 3629-3644	1
304	A fast and selective method to determine phenolic compounds in quinoa (Chenopodium quinoa Will) seeds applying ultrasound-assisted extraction and high-performance liquid chromatography. 2021 , 75, 431-438	7
303	Recent Trends on the Valorization Strategies for the Management of Citrus By-products. 2021 , 37, 91-120	12
302	Monitoring two different drying methods of Kakadu plum puree by combining infrared and chemometrics analysis. 2021 , 19, 183-189	2
301	Antioxidant-rich natural fruit and vegetable products and human health. 2021 , 24, 41-67	32
300	Prebiotic Impacts of Soybean Residue (Okara) on Eubiosis/Dysbiosis Condition of the Gut and the Possible Effects on Liver and Kidney Functions. 2021 , 26,	11
299	Antioxidant and antimicrobial activities and UPLC-ESI-MS/MS polyphenolic profile of sweet orange peel extracts. 2021 , 4, 326-335	12
298	One-pot green synthesized protein-based silver nanocluster as prooxidant biosensor. 2021 , 45, 1422-1431	
297	Ber/Jujube (Ziziphus mauritiana): Morphology, Taxonomy, Composition and Health Benefits. 2021 , 157-168	
296	Sweet potato (L.) leaf polyphenols ameliorate hyperglycemia in type 2 diabetes mellitus mice. 2021 , 12, 4117-4131	6
295	Application of ultrasound to obtain food additives and nutraceuticals. 2021, 111-141	2
294	Chromatography of Phenolic Antioxidants. 2021 , 481-515	
293	Basics in Analysis of Phenolic Antioxidants. 2021 , 437-479	
292	Polyphenols, Bioavailability and Potency. 2021 , 3-3	1
291	Identification of antioxidant activity and shelf life assay of avocado fruit pulp incorporated chapattis. 2021 , 45, 2589-2594	2

290	Bioactive component analysis. 2021 , 41-65	4
289	The quantitative analysis of rutin in the roots of wild yams (Dioscorea caucasica). 624, 012173	
288	Antioxidant Activity and Capacity Measurement. 2021 , 1-66	
287	Conventional and rapid methods for measurement of total bioactive components and antioxidant activity in Hibiscus sabdariffa. 2021 , 199-214	
286	Variation in Levels of Flavonols Myricetin, Quercetin and Kaempferol l h Kenyan Tea (<i>Camellia sinensis L.</i>) with Processed Tea Types and Geographic Location. 2021 , 11, 736-749	1
285	Histochemical Techniques in Plant Science: More Than Meets the Eye. 2021 , 62, 1509-1527	2
284	Caftaric Acid Isolation from Unripe Grape: A "Green" Alternative for Hydroxycinnamic Acids Recovery. 2021 , 26,	1
283	Determination of gelation properties and bio-therapeutic potential of black carrot fibre-enriched functional yoghurt produced using pectin and gum arabic as prebiotic. 2021 , 74, 505-517	2
282	Improving Resolution of Isomeric Flavonoids and Their Glycosides Using Two-Dimensional Liquid Chromatography Coupled With High-Resolution Mass Spectrometry. 2021 , 84, 507-515	0
281	Biochemical response of Moringa oleifera to temperature. 2021 , 43-50	O
280	Bioactive Substances, Heavy Metals, and Antioxidant Activity in Whole Fruit, Peel, and Pulp of Citrus Fruits. 2021 , 2021, 6662259	14
279	Impact of Polyphenolic-Food on Longevity: An Elixir of Life. An Overview. 2021 , 10,	17
278	Phytochemical Profile and Biological Effects of Spruce () Bark Subjected to Ultrasound Assisted and Microwave-Assisted Extractions. 2021 , 10,	3
277	Antioxidant, Antidiabetic, and Antiobesity Properties, TC7-Cell Cytotoxicity and Uptake of (Marcela) Conventional and High Pressure-Assisted Extracts. 2021 , 10,	1
276	A Review of the Pharmacological Characteristics of Vanillic Acid. 2021 , 11, 200-204	5
275	Agro-industrial By-Products from Amazonian Fruits: Use for Obtaining Bioproducts.	
274	Development of a rapid LC-MS/MS method for the simultaneous quantification of various flavonoids and phytohormones extracted from Medicago Truncatula leaves.	О
273	Tapping into the realm of underutilised green leafy vegetables: Using LC-IT-Tof-MS based methods to explore phytochemical richness of Sonchus oleraceus (L.) L 2021 ,	1

The effect of Salaciareticulata, Syzygiumcumini, Artocarpusheterophyllus, and Cassiaauriculata on controlling the rapid formation of advanced glycation end-products. **2021**, 12, 261-268

271	Thermal-assisted recovery of antioxidant compounds from Bauhinia forficata leaves: Effect of operational conditions. 2021 , 22, 100303	1
270	Prospects for Proanthocyanidins from Grape Seed: Extraction Technologies and Diverse Bioactivity. 1-20	O
269	An investigation on chemical/mineral compositions, ruminal microbial fermentation, and feeding value of some leaves as alternative forages for finishing goats during the dry season. 2021 , 11, 76	O
268	Bioactive profile of mandacaru fruits and cytotoxicity against the L929 cell line. 2021 , 15, 215-225	O
267	Optimization and antimicrobial efficacy of curcumin loaded solid lipid nanoparticles against foodborne bacteria in hamburger patty. 2021 , 86, 2242-2254	3
266	Conifers Phytochemicals: A Valuable Forest with Therapeutic Potential. 2021, 26,	7
265	Phenylpropanoid Metabolism in Astringent and Nonastringent Persimmon () Cultivars Determines Sensitivity to Infection. 2021 , 69, 5628-5637	1
264	Seeds of Mung Bean (Vigna radiata (L.) R.Wilczek): Taxonomy, Phytochemistry, Medicinal Uses and Pharmacology. 2021 , 17, 220-233	2
263	Antimicrobial Activity of Selected Essential Oils against Selected Pathogenic Bacteria: In Vitro Study. 2021 , 10,	11
262	Green Extraction Methods and Microencapsulation Technologies of Phenolic Compounds From Grape Pomace: A Review. 2021 , 14, 1407-1431	6
261	Surface functionalization of bioactive glasses and hydroxyapatite with polyphenols from organic red grape pomace.	2
260	Non-food applications of natural dyes extracted from agro-food residues: A critical review. 2021 , 301, 126920	6
259	Analytical Methods for Extraction and Identification of Primary and Secondary Metabolites of Apple (Malus domestica) Fruits: A Review. 2021 , 8, 91	8
258	Optimization of Natural Antioxidants Extraction from Pineapple Peel and Their Stabilization by Spray Drying. 2021 , 10,	7
257	Comprehensive investigations for a potential natural prophylaxis-A cellular and murine model for apple cider vinegar against hydrogen peroxide and scopolamine induced oxidative stress. 2021 ,	1
256	From Sea to Skin: Is There a Future for Natural Photoprotectants?. 2021 , 19,	6
255	An Untargeted Metabolomics Approach for Correlating Pulse Crop Seed Coat Polyphenol Profiles with Antioxidant Capacity and Iron Chelation Ability. 2021 , 26,	2

254 Flavonoids and cellular stress: a complex interplay affecting human health. **2021**, 1-32

253	Characterization of Coffee Silver Skin as Potential Food-Safe Ingredient. 2021 , 10,	8
252	Insects as a source of phenolic compounds and potential health benefits. 1-12	7
251	Use of Polyphenols as Modulators of Food Allergies. From Chemistry to Biological Implications. 2021 , 5,	3
250	EMEN OTU TOHUMUNDAN FENOLK BÜEENLERN EKSTRAKSNONU N OPTMZASYON ALIMASI. 959-970	
249	FENOLK BÜEKLERN ALIMEYVESNDEN (Creategus monogyna) MKRODALGA VE ULTRASES DESTEKLIYNTEMLER ÜE EKSTRAKSNONU. 1002-1015	
248	Recent developments in recalcitrant organic pollutants degradation using immobilized photocatalysts. 2021 , 127, 1	2
247	Phenolic compounds in plant oils: A review of composition, analytical methods, and effect on oxidative stability. 2021 , 113, 110-138	9
246	Scanning Electron Microscopy (SEM) as an Effective Tool for Determining the Morphology and Mechanism of Action of Functional Ingredients. 1-20	
245	Insights on the role of chemometrics and vibrational spectroscopy in fruit metabolite analysis 2021 , 3, 100033	1
244	Surface functionalization of Ti6Al4V with an extract of polyphenols from red grape pomace. 2021 , 206, 109776	3
243	Grape Pomace for Topical Application: Green NaDES Sustainable Extraction, Skin Permeation Studies, Antioxidant and Anti-Inflammatory Activities Characterization in 3D Human Keratinocytes. 2021 , 11,	1
242	Sustainable green processing of grape pomace for the production of value-added products: An overview. 2021 , 23, 101592	11
241	Green non-conventional techniques for the extraction of polyphenols from agricultural food by-products: A review. 2021 , 1651, 462295	13
240	Effect of agar and gellan gum on structured guava (Psidium guajava L.): Rheological behavior and gastrointestinal digestion in vitro. 2021 , 42, 101165	0
239	Roles of citrus secondary metabolites in tree and fruit defence against pests and pathogens. 2021,	2
238	Fruit and vegetable processing wastes as natural sources of antioxidant-rich extracts: Evaluation of advanced extraction technologies by surface response methodology. 2021 , 9, 105330	15
237	Bioactive extracts of Russula xerampelina and Suillus granulatus in the in vitro control of Pseudomonas aeruginosa phytopathogenic. 2021 , 140, 218-225	1

236	Phenolic Components and Health Beneficial Properties of Onions. 2021, 11, 872	1
235	Application of deep eutectic solvents in the extraction of polyphenolic antioxidants from New Zealand Manuka leaves (Leptospermum Scoparium): Optimization and antioxidant activity. 2021 , 337, 116385	6
234	Targeted Phenolic Characterization and Antioxidant Bioactivity of Extracts from Edible. 2021, 10,	4
233	Comprehensive analysis of phenolic compounds from natural products: Integrating sample preparation and analysis. 2021 , 1178, 338845	3
232	Effect of the joint fermentation of pyracantha powder and glutinous rice on the physicochemical characterization and functional evaluation of rice wine. 2021 , 9, 6099-6108	1
231	Potential of sugarcane extracts as cosmetic and skincare ingredients. 2021 , 169, 113625	4
230	Oxygen-enriched fermentation improves the taste of black tea by reducing the bitter and astringent metabolites. 2021 , 148, 110613	10
229	Co-management of agro-industrial wastes by solid-state fermentation for the production of bioactive compounds. 2021 , 172, 113990	О
228	Evaluation of phenolic composition and antioxidant properties of different varieties of Chinese citrus. <i>Food Chemistry</i> , 2021 , 364, 130413	5
227	Recent advances in carbon nanomaterials-based electrochemical sensors for phenolic compounds detection. 2021 , 171, 106776	11
226	Bioengineered zinc oxide nanoparticles: Chemical, green, biological fabrication methods and its potential biomedical applications. 2021 , 66, 102853	5
225	Integrated management of residues from tomato production: Recovery of value-added compounds and biogas production in the biorefinery context. 2021 , 299, 113505	2
224	Polyphenols and their potential role to fight viral diseases: An overview. 2021 , 801, 149719	23
223	Valorization of By-Products from Food Processing Through Sustainable Green Approaches. 2021 , 191-226	2
222	Anthocyanins and catechins in the berries of new strawberry cultivars grown in the conditions of the Orel region. 2021 , 36, 01001	
221	Anti-inflammatory Role of Anthocyanins in the Prevention of Hyperhomocysteinemia-Mediated Cardiometabolic Diseases. 2021 , 33-49	1
220	Olive Leaf (Oleuropein) and Its Role in Cancer: Therapeutic Updates. 2021 , 367-400	
219	Phytochemical Screening, Total Phenolics Contents and in vitro Antioxidant Activity of Salvia officinalis, Satureja calamintha, Mentha pulegium and Marrubium vulgare. 2021 ,	О

218	Fruits and Vegetables as Sources of Functional Phytochemicals for the Prevention and Management of Obesity, Diabetes, and Cancer. 2021 , 147-167	2
217	Potential Industrial Use of Compounds from By-Products of Fruits and Vegetables. 2019 , 273-307	7
216	Stilbenoid-Enriched Grape Cane Extracts for the Biocontrol of Grapevine Diseases. 2020 , 215-239	3
215	Techno-Economic Assessment of Biomass-Based Integrated Biorefinery for Energy and Value-Added Product. 2020 , 581-616	7
214	Berries extracts as natural antioxidants in meat products: A review. 2018 , 106, 1095-1104	212
213	Effects of sorghum ethyl-acetate extract on PC3M prostate cancer cell tumorigenicity. 2017 , 37, 449-459	5
212	Study of Liquid l iquid Equilibrium of Aqueous Two-Phase Systems Based on Ethyl Lactate and Partitioning of Rutin and Quercetin. 2020 , 59, 21196-21204	4
211	Polyphenol contents of green coffee beans from different regions of Ethiopia. 2021 , 24, 17-27	5
210	Quality characteristics and antioxidant activities of jelly containing honeyberry powder. 2020 , 27, 111-118	3
209	Plant-based nutrition for healthcare professionals: implementing diet as a primary modality in the prevention and treatment of chronic disease. 2017 , 14, 355-368	35
208	The effect of stinging nettle and field horsetail extracts on the synthesis of biologically active compounds in germinated leguminous and quinoa seed. 2017 , 104, 337-344	5
207	Comparative Study of the Effect of Sample Pretreatment and Extraction on the Determination of Flavonoids from Lemon (Citrus limon). 2016 , 11, e0148056	25
206	In Vitro Antioxidant versus Metal Ion Chelating Properties of Flavonoids: A Structure-Activity Investigation. 2016 , 11, e0165575	118
205	Bioactive compounds and value-added applications of cupuassu (Theobroma grandiflorum Schum.) agroindustrial by-product. 2020 , 40, 401-407	13
204	Chemical characterization and bioactive compounds of an unconventional vegetable - Erechtites valerianifolia (Wolf) DC 2019 , 39, 546-551	3
203	Extraction of Proanthocyanidins and Anthocyanins from Grape Skin by Using Ionic Liquids. 2017 , 55, 429-437	20
202	HPLC-DAD method for simultaneous determination of natural polyphenols. 2019 , 3, 039-043	2
201	Phenolic Compounds and Antioxidant Activities of Pomegranate Peels. 2015, 1,	7

200	Determination of Phenolic Composition of Tilia Tomentosa Flowers Using UPLC-ESI-MS/MS. 249-256	4
199	The Action of Polyphenols in Diabetes Mellitus and AlzheimerN Disease: A Common Agent for Overlapping Pathologies. 2019 , 17, 590-613	19
198	Fenolik Bileſklerin Baि⊞ormlar-ve Biyoyararl⊞526-537	4
197	Effect of Black Mulberry (Morus nigra) Powder on Growth Performance, Biochemical Parameters, Blood Carotenoid Concentration, and Fillet Color of Rainbow Trout. 2020 , 20, 125-136	26
196	Biorefining to recover aromatic compounds with biological properties. 2015 , 14, 187-193	15
195	Comparative Polyphenol Composition, Antioxidant and Anticorrosion Properties in Various Parts of Panax ginseng Extracted in Different Solvents. 2021 , 11, 93	6
194	Valorization of Tropical Biomass Waste by Supercritical Fluid Extraction Technology. 2021 , 13, 233	13
193	In vitro study on the antitumor activity of Tanacetum vulgare L. extracts. 2019 , 51, 249-255	2
192	Four insect oils as food ingredient: physical and chemical characterisation of insect oils obtained by an aqueous oil extraction. 2019 , 5, 279-292	19
191	Antagonizing the Hazardous Impact of Increased Oxidative Stress in Wistar Rats by Biscuits with Dried Orange Peel. 2017 , 18, 21-31	2
190	Production of Functional Processed Cheese Supplemented with Nanoliposomes of Mandarin Peel Extract. 2019 , 22, 247-256	4
189	Mitigation of starch and glucose-induced postprandial glycemic excursion in rats by antioxidant-rich green-leafy vegetablesNuice. 2013 , 9, S66-73	15
188	Optimization of Extraction Conditions of Some Phenolic Compounds from White Horehound (<i>Marrubium vulgare</i> L.) Leaves. 2014 , 04, 292-308	14
187	Parameters of antioxidant activity of Galega officinalis L. and Galega orientalis Lam. (Fabaceae Lindl.) plant raw material. 14, 125-134	3
186	Antibacterial and Antioxidant Screening of Semi-Synthetic Naringin Based Hydrazone and Oxime Derivatives. 2018 , 11,	4
185	Hepatoprotective Effect of Alcoholic and N-hexane Extracts of Crayfish Procambarus Clarkii against CCl4-induced Damage in HepG2 Cells. 1-12	
184	Recent advances in valorization of citrus fruits processing waste: a way forward towards environmental sustainability 2021 , 30, 1601-1626	8
183	Nutritional, Antinutritional Compounds and Nutraceutical Significance of Native Bean Species (Phaseolus spp.) of Mexican Cultivars. 2021 , 11, 1031	O

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182	Membrane diafiltration for enhanced purification of biologically active compounds from goji berries extracts. 2022 , 282, 119991	2
181	Greener Is Better: First Approach for the Use of Natural Deep Eutectic Solvents (NADES) to Extract Antioxidants from the Medicinal Halophyte L. 2021 , 26,	2
180	Foliar spraying of biogenic CuO nanoparticles protects the defence system and photosynthetic pigments of lettuce (Lactuca sativa). 2021 , 324, 129264	5
179	UHPLC in the Analyses of Isoflavones and Flavonoids. 197-233	
178	Polysaccharides from Lower Plants: Bryophytes. 2014 , 1-14	
177	Determination of Peruorochemicals in Food and Drinking Water Samples Using UHPLCMS Technique. 2014 , 323-348	
176	Extracciil de polifenoles bioactivos del bagazo de uva mediante un milodo de dispersiil de matriz en fase silda. 2013 ,	
175	11: Extraction, Isolation and Utilisation of Bioactive Compounds from Fruit Juice Industry Waste. 2017 , 272-313	
174	10: Extraction, Isolation and Utilisation of Bioactive Compounds from Fresh Fruit and Vegetable Waste. 2017 , 252-271	
173	8: Extraction, Characterization and Utilisation of Bioactive Compounds from Wine Industry Waste. 2017 , 213-229	
172	RSM approach for modeling and optimization of microwave-assisted extraction of chokeberry. 2018 , 7, 11-19	1
171	Centesimal and mineral composition of the fruit in Brazilian genotypes of feijoa (Acca sellowiana). 2019 , 41,	О
170	Pinus Pinaster Bark Composition and Applications. 2019 , 174-189	О
169	Polyphenol profile and antioxidant capacity of a traditional Sicilian landrace of the Egyptian Walking Onion (Allium cepa L. var. viviparum). 2019 , 173-180	О
168	Bioactive Properties of Ink Gland Extract from Squid Loligo duvauceli. 2019 , 10, 9-19	1
167	Towards the cosmetic application of Passiflora coccinea (Aubl.): antioxidant activity and photo protective capacity of the methanolic and glycolic leaf extracts. 56,	O
166	Effect of regulated deficit irrigation on commercial quality parameters, carotenoids, phenolics and sugars of the black cherry tomato (Solanum lycopersicum L.) ?Sunchocola[2021, 105, 104220	5
165	Functional Properties and in vitro Bio-Accessibility Attributes of Light Ice Cream Incorporated with Purple Rice Bran. 2020 , 16, 1-10	1

164	Quality Parameters of Spanish Lemons with Commercial Interest. 2020 , 10,		3
163	Fruit peel waste-to-wealth: Bionanomaterials production and their applications in agroecosystems. 2022 , 231-257		
162	Soybean processing wastes and their potential in the generation of high value added products. <i>Food Chemistry</i> , 2021 , 373, 131476	8.5	2
161	Nonvolatile metabolite alterations during Zijuan black tea processing affect the protective potential on HOECs exposed to nicotine. 2021 ,		O
160	Qualitative and Quantitative Methods to Evaluate Anthocyanins. 2020 , 1, 339		6
159	Food Processing Waste: A Potential Source for Bioactive Compounds. 2020 , 1-25		
158	Food Processing Waste: A Potential Source for Bioactive Compounds. 2020 , 625-649		2
157	Natural Antioxidants: Assays and Extraction Methods/Solvents Used for Their Isolation. 2020 , 1-33		
156	Phenolic Compounds Diversity of Teucrium Species. 2020 , 143-177		1
155	Preference, Attitude, Recognition and Knowledge of Fruits and Vegetables Intake Among Malay Children. 2020 , 27, 101-111		1
154	Polyphenol-Loaded Nanomedicines Against Skin Aging. 2020 , 303-316		
153	Tinda (Praecitrullus fistulosus). 2020 , 127-141		
152	Extraction of phenolic compounds from the shells of pecan nuts with cytotoxic activity through apoptosis against the colon cancer cell line HT-29. 2021 , 86, 5409		0
151	Investigation of some drug active substances able to protect against radiation damage with experimental and Monte Carlo calculations. 2021 , 191, 109850		2
150	Tailoring of chitosan/diacrylated pluronic system as a versatile nanoplatform for the amelioration of radiation-induced cognitive dysfunction. 2021 ,		
149	Antimicrobial Activities of Medicinal Plants Containing Phenolic Compounds. 2020 , 10, 514-534		O
148	Effects of thermal process in bioactive compounds of mixed Brazilian cerrado fruit jam.		5
147	Evaluation of antioxidant and cytoprotective activities of Artemisia ciniformis extracts on PC12 cells. 2016 , 19, 430-8		8

146	Microbial production and transformation of polyphenols. 2022, 189-208	1
145	Herniaria glabra L. Bitkisinin Biyolojik Aktivitesinin Belirlenmesi.	
144	Biological Effects of Goji Berry and the Association with New Industrial Applications: A Review. 1-18	2
143	Complementary and Alternative Medicine for the Treatment of Diabetes and associated Complications: A Review on Therapeutic Role of Polyphenols. 2021 , 100188	5
142	Screening of bioactivity-oriented extraction approach and quality control standards of lotus leaf extracts with dual functions. 2021 , 44, 101462	1
141	Evaluation of Antibacterial Potential of Ethanol Fruit Peel Extract of Mangifera indica against Isolated UTI Pathogens. 3998-4005	
140	Non-conventional nuts: An overview of reported composition and bioactivity and new approaches for its consumption and valorization of co-products. 2021 , 4, 100099	1
139	An integrated approach for sustainable valorization of winery wastewater using bio-based solvents for recovery of natural antioxidants. 2022 , 334, 130181	2
138	Optimization of extraction of phenolic compounds from Tokaji Asz[marc using response surface methodology. 2020 , 16, 1-9	1
137	Polyphenol extract and essential oil of equally alleviate hypercholesterolemia and modulate gut microbiota. 2021 , 12, 12008-12021	2
136	A Brief Review of Phenolic Compounds Identified from Plants: Their Extraction, Analysis, and Biological Activity. 2022 , 17, 1934578X2110697	1
135	Nutraceutical-A deep and profound concept. 2022 , 1-28	O
134	Extraction, Chemical Characterization, In Vitro Antioxidant, and Antidiabetic Activity of Canola (Brassica napus L.) Meal. 2022 , 9, 38	0
133	A Sustainable Approach on Spruce Bark Waste Valorization through Hydrothermal Conversion. 2022 , 10, 111	O
132	Chiral Flavonoids: Methods of Enantioseparation and Extraction of Polyphenol Mixtures. 2022, 1-19	
131	A comparative theoretical study on the solvent dependency of anthocyanin extraction profiles. 2022 , 351, 118606	1
130	Isolation of Leaf Polyphenols: A Review on Current Techniques and Future Perspectives 2022, 11,	3
129	An Overview of the Successful Application of Vibrational Spectroscopy Techniques to Quantify Nutraceuticals in Fruits and Plants 2022 , 11,	2

128	Onion (Allium cepa L.) bioactives: Chemistry, pharmacotherapeutic functions, and industrial applications.	6
127	The fluorescence properties of 4?-Methoxychalcone derivates modified by substituents and investigation of lysosomal imaging. 2022 , 199, 110091	1
126	Selected Medicinal Plants as a Source of Biologically Active Compounds. 2022, 1-21	
125	Characterization of persistent organic pollutants and culturable and non-culturable bacterial communities in pulp and paper sludge after secondary treatment 2022 , 295, 133892	О
124	Non-Destructive Measurement of Total Phenolic Compounds in Arabidopsis Under Various Stress Conditions.	
123	Use of herbal extract for body-care formulations. 2022 , 263-282	
122	Introduction to Mediterranean Fruits Bio-wastes: Chemistry, Functionality and Techno-Applications. 2022 , 3-28	3
121	Vaccinium Berry Processing Wastes: Composition and Biorefinery Possibilities. 2022 , 505-521	
120	The role of pressure-driven membrane processes on the recovery of value-added compounds and valorization of lees and wastewaters in the wine industry. 2022 , 305-326	
119	Fruit and Vegetable Waste: A Taste of Future Foods. 2022 , 115-147	2
118	Making Cocoa Origin Traceable. 2022 , 189-228	
117	Phenological development of fruits in cultivars of feijoa (Acca sellowiana) and its relationship with South American fruit fly infestation. 2022 , 52,	
117		
	South American fruit fly infestation. 2022 , 52,	1
116	South American fruit fly infestation. 2022, 52, Minor Components in Edible Oil. 2022, 141-187	1 4
116	South American fruit fly infestation. 2022, 52, Minor Components in Edible Oil. 2022, 141-187 Grape Pomace Valorization by Extraction of Phenolic Polymeric Pigments: A Review. 2022, 10, 469 Anthocyanins: Traditional Uses, Structural and Functional Variations, Approaches to Increase Yields	
116 115 114	South American fruit fly infestation. 2022, 52, Minor Components in Edible Oil. 2022, 141-187 Grape Pomace Valorization by Extraction of Phenolic Polymeric Pigments: A Review. 2022, 10, 469 Anthocyanins: Traditional Uses, Structural and Functional Variations, Approaches to Increase Yields and Products NQuality, Hepatoprotection, Liver Longevity, and Commercial Products 2022, 23, Hatakabb, a herbal extract, contains pyrogallol as the novel mediator inhibiting LPS-induced TNF-H	4

110	Sequential Membrane Filtration to Recover Polyphenols and Organic Acids from Red Wine Lees: The Antioxidant Properties of the Spray-Dried Concentrate 2022 , 12,	О
109	Variations in Total Phenolic, Total Flavonoid Contents, and Free Radicals NScavenging Potential of Onion Varieties Planted under Diverse Environmental Conditions 2022 , 11,	O
108	Aqueous extract of Passiflora alata leaves modulates in vitro the indoleamine 2,3-dioxygenase (IDO) and CD86 expression in bone marrow-derived professional antigen-presenting cells polarizing NOD mice T cells to a Treg profile 2022 , 152, 155832	О
107	Bioactive compounds extracted by liquid and supercritical carbon dioxide from citrus peels.	6
106	Almond hull biomass: Preliminary characterization and development of two alternative valorization routes by applying innovative and sustainable technologies. 2022 , 179, 114697	2
105	Role of polyphenols in combating Type 2 Diabetes and insulin resistance 2022,	7
104	Increasing the added value of vine-canes as a sustainable source of phenolic compounds: A review 2022 , 830, 154600	1
103	Tailoring composition and nanostructures in supramolecular solvents: Impact on the extraction efficiency of polyphenols from vegetal biomass. 2022 , 292, 120991	O
102	Polyphenols from Grape Pomace: Functionalization of Chitosan-Coated Hydroxyapatite for Modulated Swelling and Release of Polyphenols 2021 , 37, 14793-14804	2
101	Chemical Composition of Green Pea (L.) Pods Extracts and Their Potential Exploitation as Ingredients in Nutraceutical Formulations 2021 , 11,	1
100	Qualitative and Nutraceutical Characteristics after Storage of New Pear Selections in Emilia-Romagna Region. 2021 , 11, 2515	
99	Scientifically Formulated Avocado Fruit Juice: Phytochemical Analysis, Assessment of Its Antioxidant Potential and Consumer Perception 2021 , 26,	
98	Investigation of the possibility of producing synbiotic herbal tea based on chicory, garlic and Jerusalem artichoke by probiotic bacteria. 2021 , 18, 1-13	
97	Advanced extraction and separation approaches for the recovery of dietary flavonoids from plant biomass: A review. 1	O
96	Study of Antioxidant Activity of Garden Blackberries (Rubus fruticosus L.) Extracts Obtained with Different Extraction Solvents. 2022 , 12, 4004	3
95	Evaluation of antioxidant, photoprotective and antinociceptive activities of Marcetia macrophylla extract: potential for formulation of sunscreens. 2021 , 83, e246312	
94	Characteristics of Selected Silphium Species as Alternative Plants for Cultivation and Industry with Particular Emphasis on Research Conducted in Poland: A Review. 2022 , 14, 5092	
93	The Bioactive Profile, Nutritional Value, Health Benefits and Agronomic Requirements of Cherry Silverberry (Thunb.): A Review 2022 , 27,	1

 \circ

Comparison of HPLC and ATR-FTIR Methods for the Determination of Rosmarinic acid in Aqueous 92 Leaf Extract of Orthosiphon stamineus.. 2022, 12, POTENSI TANGKAI TERONG (Solanum melongena) SEBAGAI IMMUNE BOOSTER. 2022, 11, 105-113 91 A review of the polyphenols extraction from apple pomace: novel technologies and techniques of 90 2 cell disintegration.. 2022, 1-14 Jussa (Euterpe edulis): a review. 42, 89 Recent Advances in Analytical Methods for Determination of Polyphenols in Tea: A Comprehensive 88 1 Review. 2022, 11, 1425 Antioxidant Activity and Capacity Measurement. 2022, 709-773 87 2 Antioxidant potential and molecular docking of bioactive compound of Camellia sinensis and 86 O Camellia assamica with cytochrome P450. 2022, 204, Phenolic Acids - Versatile Natural Moiety With Numerous Biological Applications. 2022, 22, 85 Loading with Biomolecules Modulates the Antioxidant Activity of Cerium-Doped Bioactive Glasses. 84 1 83 Valorization of pineapple waste as novel source of nutraceuticals and biofunctional compounds. Potential of sequential pearling to explore macronutrient distribution across faba beans (Vicia 82 O faba. L) for chemical-free hybrid fractionation. 2022, 104695 81 Chiral Flavonoids: Methods of Enantioseparation and Extraction of Polyphenol Mixtures. 2022, 525-543 80 Selected Medicinal Plants as a Source of Biologically Active Compounds. 2022, 485-505 Wine waste as a potential source of bioactive compounds. 2022, 361-380 79 Enhanced recovery of phenolics from Acalypha fruticosa by micelle-mediated extraction, 78 antioxidant, antimutagenic, antimicrobial evaluation, and chemical profiling.

Fruit and Vegetable Peel-Enriched Functional Foods: Potential Avenues and Health Perspectives.

Physiological Measurements and Transcriptome Survey Reveal How Semi-mangrove Clerodendrum

Tyrosinase-functionalized gold nanoparticle-tailored ultrasensitive nanosensing probe for

2022, 2022, 1-14

inerme Tolerates Saline Adversity. 13,

hazardous and nutritional phenolic compounds. 2022, 132434

77

76

74	Role of Herbal Bioactive Compounds as a Potential Bioavailability Enhancer for Active Pharmaceutical Ingredients. 2022 , 450-495	
73	Nutraceutical profile of goji (Lycium barbarum L.) berries in relation to environmental conditions and harvesting period. 2022 , 49, 101954	
72	Supercritical CO2 with co-solvent extraction of blackberry (Rubus spp. Xavante cultivar) seeds. 2022 , 189, 105702	1
71	Cellular antioxidant and viability efficacy of Harpephyllum caffrum peel and Syzygium guineense seed extracts. 2022 , 49, 101934	O
70	Alternanthera sessilis: Uncovering the nutritional and medicinal values of an edible weed. 2022 , 298, 115608	
69	Variable Selection on Reflectance NIR Spectra for the Prediction of TSS in Intact Berries of Thompson Seedless Grapes. 2022 , 12, 2113	O
68	Metal organic frameworks-derived nanoarchitectures for the detection of phenolic compounds. 2023 , 271-296	0
67	An Overview of Food Bioactive Compounds and Their Health-Promoting Features. 2022, 3-36	O
66	Chemical composition, antioxidant and antibacterial activity of Adiantum capillus-veneris L. extract from Algeria. 2022 , 91-101	0
65	Determination of polyphenol compounds in medicinal plants of local habitat and their importance for health. 2022 , 57-61	O
64	Exploring the Antioxidant and Bioinsecticidal Activity of Spontaneous Flora Vegetal Extracts for Plant Protection and Prevention of Soil Contamination. 2022 , 9, 260	0
63	Household Processing Methods and Their Impact on Bioactive Compounds and Antioxidant Activities of Sweetpotato Genotypes of Varying Storage Root Flesh Colours. 2022 , 11, 1867	O
62	Remediation of arsenic-contaminated water by green zero-valent iron nanoparticles.	0
61	Microwave-Assisted Extraction of Polyphenols from Blackcurrant By-Products and Possible Uses of the Extracts in Active Packaging. 2022 , 11, 2727	1
60	Screening of Phenolic Compounds in Rejected Avocado and Determination of Their Antioxidant Potential. 2022 , 10, 1747	1
59	Healthy dietary indices and non-cancer pain: a systematic review of cross-sectional and longitudinal studies. 2022 , Publish Ahead of Print,	O
58	Non-destructive measurement of total phenolic compounds in Arabidopsis under various stress conditions. 13,	0
57	Ozone treatment promotes physicochemical properties and antioxidant capacity of fresh-cut red pitaya based on phenolic metabolism. 9,	O

56	Valorisation of chestnut processing by-products: A membrane-assisted green strategy for purifying valuable compounds from shells. 2022 , 134564	1
55	Phytochemicals and biological activities of burdock (Arctium lappa L.) extracts: A review.	O
54	Bioprocessing of pineapple waste biomass for sustainable production of bioactive compounds with high antioxidant activity.	О
53	Analysis of Phenolic Compounds in Food by Coulometric Array Detector: A Review. 2022 , 22, 7498	O
52	School Gardening, Cooking and Sports Participation Intervention to Improve Fruits and Vegetables Intake and Moderate-to-Vigorous Physical Activity among Chinese Children: Study Protocol for a Cluster Randomized Controlled Trial. 2022 , 19, 14096	0
51	Fast Analysis of Caffeic Acid-Related Molecules in Instant Coffee by Reusable Sonogel © arbon Electrodes. 2022 , 22, 8448	О
50	Prediction of total phenolic acids contained in plant extracts by PLS-ATR-FTIR. 2022, 151, 295-305	0
49	Phenolic and Other Bioactive Compounds from Vegetable and Fruit Waste: Extraction Methods and Their Possible Utilization. 2022 , 81-114	O
48	Chapter 6. Scientific Evaluation of the Role of Ocimum sanctum in Ayurvedic Formulations and Its Phytochemistry and Pharmacological Activities. 2022 , 108-147	О
47	From kitchen to clinic: Pharmacotherapeutic potential of common spices in Indian cooking in age-related neurological disorders. 13,	O
46	Rapid screening of phenolic compounds in extracts of photosynthetic organisms separated using a C18 monolithic column based HPLC-UV method. 2022 , 123521	1
45	Antioxidant-polyphenols of saw palmetto seeds: statistical optimized production and improved functional properties under solid-state fermentation by Trichoderma reesei.	O
44	The recovery from agro-industrial wastes provides different profiles of anti-inflammatory polyphenols for tailored applications. 6,	0
43	Nutritional Quality and Nutraceutical Potential of Fruits and Vegetables as a tool for Genetic Breeding Programs. 2021 , 25,	O
42	Natural flavonoids exhibit potent anticancer activity by targeting microRNAs in cancer: A signature step hinting towards clinical perfection. 2023 , 27, 101596	1
41	Partition of antioxidants available in biowaste using a green aqueous biphasic system. 2023 , 307, 122707	O
40	THE SPECTROPHOTOMETRIC ANALYSIS OF ANTIOXIDANT PROPERTIES OF SELECTED HERBS IN VISION-PROIJUV-VIS. 2019 , 15, 49-62	1
39	Enzymatic lipophilization of bioactive compounds with high antioxidant activity: a review. 1-18	O

38	In Vitro Inhibitory Activity and Molecular Docking Study of Selected Natural Phenolic Compounds as AR and SDH Inhibitors**. 2022 , 7,	1
37	Natural Deep Eutectic Solvents (NADESs) Combined with Sustainable Extraction Techniques: A Review of the Green Chemistry Approach in Food Analysis. 2023 , 12, 56	1
36	Remediation of arsenic-contaminated water by green zero-valent iron nanoparticles.	0
35	Chia seeds (Salvia hispanica L.): A therapeutic weapon in metabolic disorders.	1
34	Classification and authentication of spices and aromatic herbs by means of HPLC-UV and chemometrics. 2023 , 102401	O
33	Effects of ozone treatment on storage quality and antioxidant capacity of fresh-cut water fennel [Oenanthe javanica]. 43,	O
32	Extraction of Active Compounds from Armoracia rusticana Using Maceration and Ultrasound Assisted Extraction. 2022 ,	0
31	Extraction of phenolic compounds by conventional and green innovative techniques. 2023, 355-394	O
30	Ionic liquids for phenolic compounds removal and extraction. 2023, 217-238	0
29	Olive, apple, and grape pomaces with antioxidant and anti-inflammatory bioactivities for functional foods. 2023 , 131-159	O
28	Introduction to agro-industrial waste. 2023 , 1-18	О
27	High-efficiency novel extraction process of target polyphenols using enzymes in hydroalcoholic media. 2023 , 107, 1205-1216	O
26	Colored cereals: Genetics and chemistry of pigments. 2023 , 111-134	О
25	The Influence of Polyphenols on Atherosclerosis Development. 2023 , 24, 7146	O
24	Improvement of ultrasound-assisted extraction of polyphenolic content of the plant Cytisus triflorus LIMHER as a natural resource using artificial neural network modeling and multi-objective optimization. 2023 , 32, 101032	0
23	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	O
22	Green synthesis of silver nanoparticles using seagrass Cymodocea serrulata (R.Br.) Asch. & mp; Magnus, characterization, and evaluation of anticancer, antioxidant, and antiglycemic index.	0
21	Non-Extractable Polyphenols Should be Systematically Included in Polyphenol Analysis. 2023 , 193-238	O

20	Skincare Potential of a Sustainable Postbiotic Extract Produced Through Sugarcane Straw Fermentation by Saccharomyces Cerevisiae.	О
19	Antioxidant capacity and antitumor activity of the bioactive protein prepared from orange peel residues as a by-product using fungal protease. 2023 , 234, 123578	O
18	Extract of Scabiosa comosa Exhibits an Anti-Inflammatory Effect on Carrageenan and Lipopolysaccharide-Induced Acute Inflammation in Rats. 2023 , 19, 157-165	0
17	Recent Prospects of Carbonaceous Nanomaterials-Based Laccase Biosensor for Electrochemical Detection of Phenolic Compounds. 2023 , 13, 305	O
16	Bioactive Compounds of Fig (Ficus carica). 2023 , 479-512	O
15	Comparison of polyphenolic profile and antioxidant capacity of Prunus subgenus Cerasus L. species from Turkey. 2023 , 249, 1363-1376	O
14	Chemical composition, antibacterial and antioxidant properties of three Moroccan citrus peel essential oils. 2023 , 20, e01592	0
13	Characterization of Sparkling Wine Based on Polyphenolic Profiling by Liquid Chromatography Coupled to Mass Spectrometry. 2023 , 9, 223	1
12	Phenolic and Antioxidant Compound Accumulation of Quercus robur Bark Diverges Based on Tree Genotype, Phenology and Extraction Method. 2023 , 13, 710	0
11	Chestnut shell represents a rich source of polyphenols: preparation methods, antioxidant activity and composition analysis of extractable and non-extractable polyphenols. 2023 , 249, 1273-1285	O
10	Grape Pomace as a Natural Source of Phenolic Compounds: Solvent Screening and Extraction Optimization. 2023 , 28, 2715	0
9	Exploiting the bioactive properties of essential oils and their potential applications in food industry.	O
8	PROSPECTS OF STUDYING PROPOLIS IN TAJIKISTAN. 2017 , 19, 413-421	0
7	Biosynthesis of Nanoparticles Using Plant Extracts and Essential Oils. 2023 , 28, 3060	O
6	The curious case of polyphenols as green corrosion inhibitors: a review on their extraction, design, and applications.	0
5	The Use of Infrared Spectroscopy for the Quantification of Bioactive Compounds in Food: A Review. 2023 , 28, 3215	O
4	HPLC-MS(n) Applications in the Analysis of Anthocyanins in Fruits.	0
3	Valorisation of Agricultural and Food Waste Biomass for Production of Bioenergy. 2023 , 197-218	Ο

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Antioxidant, antiglycation, and anti-inflammatory activities of <i>Caesalpinia mimosoides </i>. **2023**,

О

Isolation and characterization of natural inhibitors of post-proline specific peptidases from the leaves of Cotinus coggygria Scop. **2023**, 314, 116508

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