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1970	The role of NADPH oxidase and MAP kinase phosphatase in UV-B-dependent gene expression in Arabidopsis. <b>2006</b> , 29, 1783-93	52
1969	The Rc and Rd genes are involved in proanthocyanidin synthesis in rice pericarp. <b>2007</b> , 49, 91-102	198
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1966	Selecting new peach and plum genotypes rich in phenolic compounds and enhanced functional properties. <b>2006</b> , 96, 273-280	196
1965	Leuconostoc mesenteroides glucansucrase synthesis of flavonoid glucosides by acceptor reactions in aqueous-organic solvents. <b>2006</b> , 341, 855-63	66
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1424	HPLC Analysis of Kaempherol and Quercetin Derivatives Isolated by Different Extraction Techniques from Plant Matrix. <b>2011</b> , 94, 17-21	16
1423	Comparison of the selected secondary metabolite content present in the cancer-bush Lessertia (Sutherlandia) frutescens L. Extracts. <b>2011</b> , 8, 429-34	3
1422	Fungitoxicity against Botrytis cinerea of a Flavonoid Isolated from Pseudognaphalium robustum. <b>2011</b> , 16, 3885-3895	13
1421	Optimized enzymatic synthesis of hesperidin fatty acid esters in a two-phase system containing ionic liquid. <b>2011</b> , 16, 7171-82	9
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1418	Biocontrol treatments confer protection against Verticillium dahliae infection of potato by inducing antimicrobial metabolites. <b>2011</b> , 24, 328-35	49
1417	Antimicrobial evaluation, determination of total phenolic and flavoniod contents in Zanthoxylum armatum DC. <b>2011</b> , 6,	3
1416	Flavonoids as vasorelaxant agents: synthesis, biological evaluation and quantitative structure activities relationship (QSAR) studies. <b>2011</b> , 16, 8257-72	12
1415	Study on Ultrasonic Extraction Technology and Oxidation Resistance of Total Flavonoids from Peanut Hull. <b>2011</b> , 17, 187-198	10

1414	Anthocyanins in Mesocarp/Epicarp and Endocarp of Fresh Acai (Euterpe oleracea Mart.) and their Antioxidant Activities and Bioavailability. <b>2011</b> , 17, 327-334	14
1413	Review on the main differences between organic and conventional plant-based foods. <b>2011</b> , 46, 1-13	56
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1411	In vivo grapevine anthocyanin transport involves vesicle-mediated trafficking and the contribution of anthoMATE transporters and GST. <b>2011</b> , 67, 960-70	159
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1409	Retrochalcone derivatives are positive allosteric modulators at synaptic and extrasynaptic GABA(A) receptors in vitro. <b>2011</b> , 162, 1326-39	9
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1399	Subacute chlorpyrifos-induced oxidative stress in rat erythrocytes and the protective effects of catechin and quercetin. <b>2011</b> , 99, 77-81	57
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1390	Profiles of phenolic compounds in modern and old common wheat varieties determined by liquid chromatography coupled with time-of-flight mass spectrometry. <b>2011</b> , 1218, 7670-81	136
1389	NBS Oxidation of E-3-Benzylidenechromanones to 3-(\(\mathbb{H}\)-Hydroxybenzyl)chromones and 3-Benzoylchromones. <b>2011</b> , 43, 467-474	Ο
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1387	Review of the molecular genetics of flavonoid biosynthesis in fruits. <b>2011</b> , 40, 150-163	8
1386	Luteolin inhibits cell proliferation during Azoxymethane-induced experimental colon carcinogenesis via Wnt/	62
1385	Suppression and overexpression of Lsi1 induce differential gene expression in rice under ultraviolet radiation. <b>2011</b> , 65, 1-10	27
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1377	Downregulation of putative UDP-glucose: flavonoid 3-O-glucosyltransferase gene alters flower coloring in Phalaenopsis. <b>2011</b> , 30, 1007-17	43
1376	cDNA cloning and characterization of UDP-glucose: anthocyanidin 3-O-glucosyltransferase in Freesia hybrida. <b>2011</b> , 30, 1209-18	31
1375	Flavonoids biotransformation by bacterial non-heme dioxygenases, biphenyl and naphthalene dioxygenase. <b>2011</b> , 91, 219-28	27
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1368	Reactivity of dpphâlın the oxidation of catechol and catechin. <b>2011</b> , 43, 147-153	8
1367	Discrimination of carotenoid and flavonoid content in petals of pansy cultivars (Viola x wittrockiana) by FT-Raman spectroscopy. <b>2011</b> , 42, 1240-1247	41
1366	The effect of environmental conditions on nutritional quality of cherry tomato fruits: evaluation of two experimental Mediterranean greenhouses. <b>2011</b> , 91, 152-62	67
1365	Simultaneous separation and purification of flavonoids and oleuropein from Olea europaea L. (olive) leaves using macroporous resin. <b>2011</b> , 91, 2826-34	50
1364	Natural dyeing with anthocyanins from Hibiscus rosa sinensis flowers. <b>2011</b> , 122, 3361-3368	48
1363	Pflanzliche Polyphenole: chemische Eigenschaften, biologische Aktivit <sup>*</sup> Eund Synthese. <b>2011</b> , 123, 610-646	96
1362	Plant polyphenols: chemical properties, biological activities, and synthesis. <b>2011</b> , 50, 586-621	1525
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1356	Identification of bioactive composition and antioxidant activity in young mandarin fruits. <b>2011</b> , 124, 1561-156	<b>66</b> 55
1355	Diversity of anthocyanins and other phenolic compounds among tropical root crops from Vanuatu, South Pacific. <b>2011</b> , 24, 315-325	37
1354	Variation in phenolic compounds, ascorbic acid and antioxidant activity of five coloured bell pepper (Capsicum annum) fruits at two different harvest times. <b>2011</b> , 3, 44-49	132
1353	Phenolic compounds and antioxidant activities of edible flowers from Thailand. <b>2011</b> , 3, 88-99	162
1352	IR and Raman studies of oil and seedcake extracts from natural and genetically modified flax seeds. <b>2011</b> , 78, 1080-9	18
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723	Antioxidant and anticancer activities of gallic acid loaded sodium alginate microspheres on colon cancer. <b>2020</b> ,	8
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688	Interventions of aqueous extract of Solanum melongena fruits (garden eggs) on mercury chloride induced testicular toxicity in adult male Wistar rats. <b>2020</b> , 43, 174-182	4
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686	Relative effectiveness of ethylenediurea, phenyl urea, ascorbic acid and urea in preventing groundnut (Arachis hypogaea L) crop from ground level ozone. <b>2020</b> , 19, 100963	8
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640	The light and dark sides of nitric oxide: multifaceted roles of nitric oxide in plant responses to light. <b>2021</b> , 72, 885-903	6
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638	Phenolic compounds and ecdysteroids of Diplazium esculentum (Retz.) Sw. (Athyriaceae) from Japan and their chemotaxonomic significance. <b>2021</b> , 94, 104211	3
637	SlMYB14 promotes flavonoids accumulation and confers higher tolerance to 2,4,6-trichlorophenol in tomato. <b>2021</b> , 303, 110796	6
636	SPX4 interacts with both PHR1 and PAP1 to regulate critical steps in phosphorus-status-dependent anthocyanin biosynthesis. <b>2021</b> , 230, 205-217	16
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630	A fast and selective method to determine phenolic compounds in quinoa (Chenopodium quinoa Will) seeds applying ultrasound-assisted extraction and high-performance liquid chromatography. <b>2021</b> , 75, 431-438	7
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625	Prickly Pear (Opuntia ficus indica) Processing by Extrusion-Cooking. <b>2021</b> , 657-677	
624	Natural pigments: Origin and applications in dye sensitized solar cells. <b>2021</b> , 42, 1744-1748	1
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605	Bioactive Compounds of Prickly Pear [Opuntia ficus-indica (L.) Mill.]. <b>2021</b> , 171-209	O

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603	Naturally occurring prenylated chalcones from plants: structural diversity, distribution, activities and biosynthesis. <b>2021</b> ,	5
602	Synthesis of 2-alkyl-chroman-4-ones via cascade alkylation-dechlorination of 3-chlorochromones. <b>2021</b> , 19, 5348-5352	
601	Micromorphology and monolignols of leaf epidermis in Phragmites australis (Poaceae) of air-aquatic and terrestrial ecotypes. <b>2021</b> , 258, 949-961	О
600	A review on phytochemical and therapeutic potential of Iris germanica. <b>2021</b> , 73, 611-625	1
599	Nanovesicle Ethosome: A Potential Carrier of Microwave Assisted Polyherbal Extracts as Cosmecueticals. <b>2021</b> , 6, 31-42	
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594 593	Insights into long non-coding RNA regulation of anthocyanin carrot root pigmentation. <b>2021</b> , 11, 4093  Physiological and Biochemical Responses of Ungrafted and Grafted Bell Pepper Plants ( L. var. (L.) Sendtn.) Grown under Moderate Salt Stress. <b>2021</b> , 10,	1
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582	An Integrated-Omics/Chemistry Approach Unravels Enzymatic and Spontaneous Steps to Form Flavoalkaloidal Nudicaulin Pigments in Flowers of L. <b>2021</b> , 22,	1
581	Janus principle applied to food safety: An active two-faced indicator label for tracking meat freshness. <b>2021</b> , 333, 129466	16
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577	Mitochondrial citrate synthase plays important roles in anthocyanin synthesis in petunia. <b>2021</b> , 305, 110835	5
576	Imaging Polyphenolic Compounds in Plant Tissues. <b>2021</b> , 281-295	1
575	Biphenyl 2,3-Dioxygenase in JAB1 Is Both Induced by Phenolics and Monoterpenes and Involved in Their Transformation. <b>2021</b> , 12, 657311	1
574	EkFLS overexpression promotes flavonoid accumulation and abiotic stress tolerance in plant. <b>2021</b> , 172, 1966-1982	0
573	Subcellular Localization and Vesicular Structures of Anthocyanin Pigmentation by Fluorescence Imaging of Black Rice (L.) Stigma Protoplast. <b>2021</b> , 10,	4
572	Pinocembrin flavanone inhibits cell viability in PC-3 human prostate cancer by inducing cellular apoptosis, ROS production and cell cycle arrest. <b>2021</b> , 71, 669-678	2
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569	Triflic Acid Promoted Transformations of Linear-Conjugated Enynones and their Reactions with Arenes. Synthesis of Dihydropyranones, Conjugated Dienones, and Indanes. <b>2021</b> , 2021, 2634-2649	O

568	Comparison of methanolic extracts of Doronicum orientale and Echium angustifolium in terms of chemical composition and antioxidant activities. <b>2021</b> , 33, 101984	2
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566	Effects of Flavonoids Extracted from on Performance, Behavior, and Rumen Gene Expression in Holstein Bulls Fed with High-Concentrate Diets in Pellet Form. <b>2021</b> , 11,	4
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215	Modulating antibacterial activity against multidrugresistant Escherichia coli and Staphylococcus aureus of the flavonoid pectolinarin isolated from Lantana camara leaves. <b>2021</b> , 10, 217-220	
214	Anthocyanin Biosynthesis and a Regulatory Network of Different-Colored Wheat Grains Revealed by Multiomics Analysis <b>2022</b> , 70, 887-900	O
213	Identification and Characterization of a Mutant Gene Responsible for the Purple Phenotype of Snap Bean (L.) <b>2022</b> , 23,	0
212	: a valuable source of phytochemicals with antibacterial, antioxidant and cytotoxic properties <b>2022</b> , 1-5	
211	Phenolic Compounds, Antioxidant Activity, Fatty Acids and Volatile Profiles of 18 Different Walnut (Juglans regia L.) Cultivars and Genotypes. 1	0
210	A Comprehensive Review on Current perspectives of Flavonoids as antimicrobial agent 2022,	1
209	Antioxidant and Antitumor Activities of Newly Synthesized Hesperetin Derivatives 2022, 27,	

208	Rice module enhances drought tolerance by regulation of flavonoid biosynthesis genes 2022, 6, e374	0
207	to development of a polyherbal against <b>2022</b> , 8, e08789	
206	Viral Infections and Male Infertility: A Comprehensive Review of the Role of Oxidative Stress. <b>2022</b> , 4,	2
205	A comprehensive and current review on the role of flavonoids in lung cancer-Experimental and theoretical approaches <b>2022</b> , 98, 153938	2
204	Analysis of metabolites in young and mature (Franch.) Schneid leaves using UPLC-ESI-MS/MS <b>2022</b> , 10, e12844	0
203	Variation of Secondary Metabolite Contents and Activities against Bovine Diarrheal Pathogens among Zygophyllaceae Species in Benin and Implications for Conservation <b>2022</b> , 88,	O
202	Enzymatic glucosylation of polyphenols using glucansucrases and branching sucrases of glycoside hydrolase family 70 <b>2021</b> , 1-21	2
201	Analytical approaches used in the profiling of natural products with a therapeutic target: a global perspective on nutrition and health. <b>2022</b> , 57-101	О
200	Genome-Wide Analysis of the Apple Family 1 Glycosyltransferases Identified A´Flavonoid-Modifying Ugt, Mdugt83l3, Which is Targeted by Mdmyb88 and Contributes to Stress Adaptation.	
199	Wood Degradation, Challenges, and Mitigation. <b>2022</b> , 1-32	
198	Mechanisms, Anti-Quorum-Sensing Actions, and Clinical Trials of Medicinal Plant Bioactive Compounds against Bacteria: A Comprehensive Review <b>2022</b> , 27,	5
197	Trehalose induced drought tolerance in plants: physiological and molecular responses. <b>2022</b> , 50, 12584	4
196	Investigating response to copper exposure using physiologic, Fourier Transform Infrared and metabolomic approaches <b>2022</b> , 49, 365-381	O
195	Effect of Soil Type: Qualitative and Quantitative Analysis of Phytochemicals in Some Browse Species Leaves Found in Savannah Biome of South Africa <b>2022</b> , 27,	1
194	Balancing Damage via Non-Photochemical Quenching, Phenolic Compounds and Photorespiration in Induced by Low-Dose and Short-Term UV-B Radiation <b>2022</b> , 23,	0
193	Comparison of the Nutrition Composition and Antioxidant Activity of Carrots and Parsnips. <b>2022</b> , 33, 83-99	1
192	Root Reinforcement Improved Performance, Productivity, and Grain Bioactive Quality of Field-Droughted Quinoa () <b>2022</b> , 13, 860484	2
191	Natural bioactive compounds from medicinal plants as antibacterial drugs: mechanism insights and clinical perspectives <b>2022</b> ,	Ο

190	Functional Analysis of Flavanone 3-Hydroxylase (F3H) from Dendrobium officinale, which Confers Abiotic Stress Tolerance. <b>2022</b> ,	О
189	Comparative analysis of flavonoids in white and red table grape cultivars during ripening by widely targeted metabolome and transcript levels <b>2022</b> ,	O
188	The antioxidant activity, <code>\(\pi\)-glucosidase</code> and acetylcholinesterase inhibition activity, and chemical composition of Paeonia delavayi petal.	0
187	Interactive effects of tree species composition and water availability on growth and direct and indirect defences in Quercus ilex.	
186	Potential of vermicompost extract in enhancing the biomass and bioactive components along with mitigation of Meloidogyne incognita-induced stress in tomato <b>2022</b> , 1	O
185	The R3-Type MYB Transcription Factor BrMYBL2.1 Negatively Regulates Anthocyanin Biosynthesis in Chinese Cabbage (L.) by Repressing MYB-bHLH-WD40 Complex Activity <b>2022</b> , 23,	O
184	Water-Mediated -Carboxymethylation of Aryl Ketones under Ir(III)-Catalytic Conditions: Step Economy Total Synthesis of Cytosporones A-C <b>2022</b> ,	
183	Combining analyses of metabolite profiles and phosphorus fractions to explore high phosphorus-utilization efficiency in maize <b>2022</b> ,	O
182	Production of Flavonoid 7-O-glucosides by Bioconversion Using Escherichia coli Expressing a 7-O-glucosyltransferase from Tobacco (Nicotiana tabacum) <b>2022</b> , 1	
181	Phytochemical and Anti-Termite Efficiency Study of Guibourtia tessmanii (harms) J. L <sup>^</sup> bnard (K <sup>^</sup> vazingo) Bark Extracts from Gabon. <b>2022</b> , 50, 113-125	O
180	Effects of Polyphenols On Glucose-induced Metabolic Changes in Healthy Human Subjects and On Glucose Transporters <b>2022</b> , e2101113	1
179	Anthocyanins from muscadine (Vitis rotundifolia) grape fruit. <b>2022</b> , 30, 100243	1
178	Quinoa grains (Chenopodium quinoa Willd.) - a source of protein and biologically active substances. <b>2021</b> , 5781-5784	
177	Altitudinal Variation of Metabolites, Mineral Elements and Antioxidant Activities of (Hook.f. & Thomson) H.Ohba. <b>2021</b> , 26,	O
176	Emerging Role of Flavonoids as the Treatment of Depression <b>2021</b> , 11,	O
175	Overexpression of chalcone isomerase A gene in Astragalus trigonus for stimulating apigenin <b>2021</b> , 11, 24176	2
174	Antitrypanosomal Effect of Hydromethanolic Extract of Lam on Field Isolates of Trypanosoma congolense Infected Mice <b>2021</b> , 2021, 1239379	1
173	Analysis of flavonol regulator evolution in the Brassicaceae reveals MYB12, MYB111 and MYB21 duplications associated with MYB11 and MYB24 gene loss.	

172	Bacillus butanolivorans KJ40 contributes alleviation of drought stress in pepper plants by modulating antioxidant and polyphenolic compounds. <b>2022</b> , 301, 111111	1
171	Determination of optimum humidity for air-curing of cigar tobacco leaves during the browning period. <b>2022</b> , 183, 114939	2
170	Data_Sheet_1.PDF. <b>2020</b> ,	
169	Table_1.DOCX. <b>2018</b> ,	
168	Data_Sheet_1.PDF. <b>2019</b> ,	
167	DataSheet_1.pdf. <b>2020</b> ,	
166	DataSheet_2.pdf. <b>2020</b> ,	
165	DataSheet_3.pdf. <b>2020</b> ,	
164	Table_1.DOCX. <b>2020</b> ,	
163	Concise total syntheses of two flavans and structure revision assisted by quantum NMR calculations <b>2022</b> ,	2
162	A transcriptomic perspective on the effect of UV irradiation on vitamin C content in pea sprouts. 42,	
161	Expanding Role of Marine Natural Compounds in Immunomodulation: Challenges and Future Perspectives. <b>2022</b> , 307-349	
160	Flavonoids. <b>2022</b> , 319-351	Ο
159	Structural study and thermal stability of Artemetin extracted from Artemisia absinthium L <b>2022</b> , 100880	
158	Integration of Transcriptome and Metabolome Reveals the Formation Mechanism of Red Stem in Prunus mume. <b>2022</b> , 13,	О
157	MdJa2 Participates in the Brassinosteroid Signaling Pathway to Regulate the Synthesis of Anthocyanin and Proanthocyanidin in Red-Fleshed Apple. <b>2022</b> , 13,	Ο
156	Chemical Perspective and Drawbacks in Flavonoid Estimation Assays. <b>2022</b> , 189-228	
155	Variability in the Beneficial Effects of Phenolic Compounds: A Review <b>2022</b> , 14,	1

154	Pharmacological activity and mechanism of action of flavonoids from diverse Millettia plant organs. <b>2022</b> , 12,	
153	Roots of invasive woody plants produce more diverse flavonoids than non-invasive taxa, a global analysis. 1	Ο
152	Plant Metabolites may Protect Human Cells against Radiation-associated Damage: An Integrative Review. <b>2022</b> , 154-188	
151	The Role of Radioprotector Agents in the Protection of Normal tissue. <b>2021</b> , 7, 161-171	
150	Polyphenols in Ruminant Nutrition and Their Effects on Reproduction. 2022, 11, 970	2
149	Genome-wide analysis of the apple family 1 glycosyltransferases identified a flavonoid-modifying UGT, MdUGT83L3, which is targeted by MdMYB88 and contributes to stress adaptation. <b>2022</b> , 111314	O
148	The WKRY transcription factor MdWRKY75 regulates anthocyanins accumulation in apples (Malus domestica) <b>2022</b> ,	1
147	Differential Metabolic Responses of Lettuce Grown in Soil, Substrate and Hydroponic Cultivation Systems under NH4+/NO3âlApplication. <b>2022</b> , 12, 444	2
146	Genome-wide association study of eigenvectors provides genetic insights into selective breeding for tomato metabolites. <b>2022</b> , 20,	1
145	Ameliorating Abiotic Stress Tolerance in Crop Plants by Metabolic Engineering. <b>2022</b> , 25-59	
144	Integrative Metabolome and Transcriptome Analysis of Flavonoid Biosynthesis Genes in Broussonetia papyrifera Leaves From the Perspective of Sex Differentiation. <b>2022</b> , 13,	
143	Receiving p vitamin from wastes of citrus processing.	
142	Nutraceutical Compounds, Classification, Biosynthesis, and Function. <b>2022</b> , 3-28	
141	^ Eude de lâĦctivit^ 'antibact^ hienne et identification des substances bioactives de diff^ hents extraits de Myrtus communis. <b>2022</b> ,	
140	An Anthocyanin-Related Glutathione S-Transferase, MrGST1, Plays an Essential Role in Fruit Coloration in Chinese Bayberry (Morella rubra). 13,	
139	A Computational Approach to Elucidate the Interactions of Chemicals From Artemisia annua Targeted Toward SARS-CoV-2 Main Protease Inhibition for COVID-19 Treatment. 9,	4
138	Melatonin enhances plant stress tolerance by promoting flavonoid enrichment, focusing on luteolin for salt stress.	2
137	Beneficial health effects of polyphenols metabolized by fermentation.	Ο

136	Isolation and Characterization of Flavonoids from Fermented Dandelion (Taraxacum mongolicum HandMazz.), and Assessment of Its Antioxidant Actions In Vitro and In Vivo. <b>2022</b> , 8, 306	1
135	RsGSTF12 Contributes to Anthocyanin Sequestration in Radish (Raphanus sativus L.). 13,	O
134	Plant Flavonoid Production in Bacteria and Yeasts. 4,	О
133	Metabolome and transcriptome profiling reveal regulatory network and mechanism of flavonoid biosynthesis during color formation of Dioscorea cirrhosa L 10, e13659	О
132	ThiogenisteinâAntioxidant Chemistry, Antitumor Activity, and Structure Elucidation of New Oxidation Products. <b>2022</b> , 23, 7816	1
131	Intermolecular Copigmentation of Malvidin-3-O-glucoside with Caffeine in Water: The Effect of the Copigment on the pH-Dependent Reversible and Irreversible Processes.	
130	Flavonoids Composition and Transcriptome Analysis in Herbaceous Peony (Paeonia lactiflora) of Double-Colored Flowers. <b>2022</b> , 69,	0
129	Combined Analysis of the Transcriptome and Metabolome Revealed the Mechanism of Petal Coloration in Bauhinia variegata. 13,	O
128	The Influence of Red and Blue Light Ratios on Growth Performance, Secondary Metabolites, and Antioxidant Activities of Centella asiatica (L.) Urban. <b>2022</b> , 8, 601	
127	Phytochemical and physicochemical evaluation, and photoprotection, antioxidant, antifungal, and antibacterial activities of the floral extract of Schubertia grandiflora Mart. & Eucc. (Apocynaceae). <b>2022</b> , 1, 8-22	O
126	Comparative Metabolomics study of flavonoids in the pericarp of different coloured bitter gourds (Momordica charantia L.).	
125	Understanding floral biology for CRISPR-based modification of color and fragrance in horticultural plants. 11, 854	0
124	Plants as a Source of Anticancer Agents: From Bench to Bedside. <b>2022</b> , 27, 4818	2
123	Protective effect of luteolin against chemical and natural toxicants by targeting NF- <b>B</b> pathway. <b>2022</b> , 48, 744-762	2
122	Recent Advances in Flavonoid Metabolism: An Updated Review.	
121	Supplementing Citrus aurantium Flavonoid Extract in High-Fat Finishing Diets Improves Animal Behavior and Rumen Health and Modifies Rumen and Duodenum Epithelium Gene Expression in Holstein Bulls. <b>2022</b> , 12, 1972	2
120	Impact of 3-Year Period as a Factor on the Content of Biologically Valuable Substances in Seeds of White Lupin. <b>2022</b> , 11, 2087	
119	Chemical Composition of Combretum erythrophyllum Leaf and Stem Bark Extracts. <b>2022</b> , 8, 755	2

118	Bioactive Flavonoids: A Comprehensive Review on Pharmacokinetics and Analytical Aspects. 1-15	0
117	Fisetin and Robinetin antiradical activity under solvent effect: density functional theory study. <b>2022</b> , 28,	O
116	Deciphering the growth stage specific bioactive diversity patterns in Murraya koenigii (L.) Spreng. using multivariate data analysis. 13,	
115	Analysis of flavonol regulator evolution in the Brassicaceae reveals MYB12, MYB111 and MYB21 duplications and MYB11 and MYB24 gene loss. <b>2022</b> , 23,	2
114	Seasonal variations in phenolic natural products in Fagus sylvatica (European beech) leaves. <b>2022</b> , 113385	O
113	Resistance of True Citrus species to Diaphorina citri.	O
112	The roles of glycolysis in osteosarcoma. 13,	1
111	Impacts of polyphenols on laying hens' productivity and egg quality: A review.	O
110	The foliar trichomes of Combretum apiculatum subsp. apiculatum (Combretaceae): Morphoanatomy and histochemistry. <b>2022</b> , 150, 528-547	O
109	Rice KGlucosidase 4 (Os1Klu4) Regulates the Hull Pigmentation via Accumulation of Salicylic Acid. <b>2022</b> , 23, 10646	O
108	The Interrelationship between Latitudinal Differences and Metabolic Differences in the Natural Distribution Area of Tilia amurensis Rupr <b>2022</b> , 13, 1507	1
107	Use of red onion (Allium cepa L.) residue extract in the co-microencapsulation of probiotics added to a vegan product. <b>2022</b> , 161, 111854	1
106	Advancements in clinical translation of flavonoid nanoparticles for cancer treatment. 2022, 8, 100074	2
105	A review of plant antipathogenic constituents: Source, activity and mechanism. <b>2022</b> , 188, 105225	O
104	Flavonoids and anticancer activity: Structureâlictivity relationship. <b>2022</b> , 81-115	1
103	Extraction efficiency of phenolic compounds by bioconversion and their implication on their biological effects. <b>2022</b> , 271-300	O
102	Unveiling Natural and Semisynthetic Acylated Flavonoids: Chemistry and Biological Actions in the Context of Molecular Docking. <b>2022</b> , 27, 5501	1
101	Comprehensive characterization of flavonoid derivatives in young leaves of core-collected soybean (Glycine max L.) cultivars based on high-resolution mass spectrometry. <b>2022</b> , 12,	1

100	Two new secondary metabolites with antibacterial activities from Conyza aegyptiaca (Asteraceae). 1-10	О
99	Therapeutic potential of chrysin nanoparticle-mediation inhibition of succinate dehydrogenase and ubiquinone oxidoreductase in pancreatic and lung adenocarcinoma. <b>2022</b> , 27,	0
98	A review of the medicinal plants with immune-boosting potential. 2022, 6,	Ο
97	Development of technological solutions for creating nutritional support for the body. <b>2022</b> , 25, 239-247	O
96	Pharmacological Elucidation of Antioxidant, Hypoglycemic, and Anti-Inflammatory Potentials of Phyllanthus candolleanus (Wights ARN) Chakrab <b>2023</b> , 249-266	0
95	The genomic and bulked segregant analysis of Curcuma alismatifolia revealed its diverse bract pigmentation.	O
94	The draft genome and multi-omics analyses reveal new insights into geo-herbalism properties of Citrus grandis âllomentosaâll <b>2022</b> , 111489	Ο
93	Therapeutic effect of natural polyphenols against glioblastoma. 10,	Ο
92	Identification and Quantification of Anthocyanin and Catechin Compounds in Purple Tea Leaves and Flakes. <b>2022</b> , 27, 6676	0
91	~ °ngiliz Lavantas~ – (Lavandula angust~ –fol~ –a Mill.)âE~ –n ^ []	0
90	Generation of Secondary Organic Aerosols on Needle Surfaces and Their Entry into the Winter Forest Canopy under Radiometric Photophoresis. <b>2022</b> , 35, 490-496	Ο
89	p-Coumaric acid: A naturally occurring chemical with potential therapeutic applications. <b>2022</b> , 27,	Ο
88	Photochemistry, Functional Properties, Food Applications, and Health Prospective of Black Rice. <b>2022</b> , 2022, 1-21	2
87	The ROSEA1 and DELILA Transcription Factors Modified Plant Organ Color in Arabidopsis but not in Brassica napus.	Ο
86	The dicing activity of DCL3 and DCL4 is negatively affected by flavonoids.	0
85	Natural acylated flavonoids: their chemistry and biological merits in context to molecular docking studies.	1
84	Effects of Fermentation Periods and Drying Methods on Postharvest Quality of Cocoa (Theobroma Cacao) Beans in Ghana. <b>2022</b> , 2022, 1-14	0
83	Bioactivity and Therapeutic Potential of Kaempferol and Quercetin: New Insights for Plant and Human Health. <b>2022</b> , 11, 2623	3

82	RsTTG1, a WD40 Protein, Interacts with the bHLH Transcription Factor RsTT8 to Regulate Anthocyanin and Proanthocyanidin Biosynthesis in Raphanus sativus. <b>2022</b> , 23, 11973	O
81	Heterozygous frameshift mutation in FaMYB10 is responsible for the natural formation of red and white-fleshed strawberry (Fragaria x ananassa Duch). 13,	O
80	Comparative Study on Genome Size and Phytochemical Profile of Three Potential Species of Acacia: Threatened and Endemic to Saudi Arabia. <b>2022</b> , 8, 994	0
79	Effects of Hydrogen Peroxide on In Vitro Cultures of Tea (Camellia sinensis L.) Grown in the Dark and in the Light: Morphology, Content of Malondialdehyde, and Accumulation of Various Polyphenols. <b>2022</b> , 27, 6674	1
78	Glycine max (L.) merr. (Soybean) metabolome responses to potassium availability. <b>2022</b> , 113472	0
77	Antioxidant and Biological Activities of Black Mulberry (Morus nigra´L.) Fruit Depending on Altitude.	O
76	Synthesis and Antioxidative Properties of 1,2,3,4-Tetrahydropyridine Derivatives with Different Substituents in 4-Position. <b>2022</b> , 27, 7423	0
75	Valorization of agri-food waste through the extraction of bioactive molecules. Prediction of their sunscreen action. <b>2023</b> , 325, 116460	1
74	Role of nutraceuticals as immunomodulators to combat viruses. <b>2023</b> , 653-689	O
73	Evaluation of the Effect of Planting Distance and Harvesting Time on the Carotenoids and Phytochemicals of Selected Orange-Fleshed Sweet Potato Varieties. 66, 17-26	O
72	Integration of metabolome and transcriptome analyses reveals the mechanism of anthocyanin accumulation in purple radish leaves.	0
71	The Triumph of the blue in nature and in Anthropocene. <b>2022</b> , 110925	O
70	Molecular Structures of Flavonoid Co-Formers for Cocrystallization with Carbamazepine. 2022,	0
69	Antioxidant, Anti-Cancer Activity and Phytochemicals Profiling of Kigelia pinnata Fruits. <b>2022</b> , 9, 379	1
68	Preparation, Optimization, and Investigation of Naringenin-Loaded Microemulsion for Topical Application. <b>2022</b> , 26, 366-373	O
67	Synthesis of Chromone-Spiroindolinone-Cyclopentene Derivatives through Phosphine-Catalyzed (3+2) Annulation of Morita-Baylis-Hillman Carbonates with Oxindole-Chromones. <b>2022</b> , 7,	O
66	Diverse Physiological Roles of Flavonoids in Plant Environmental Stress Responses and Tolerance. <b>2022</b> , 11, 3158	O
65	Sustainable Valorization of Tomato Pomace (Lycopersicon esculentum) in Animal Nutrition: A Review. <b>2022</b> , 12, 3294	2

64	Recent Updates on Source, Biosynthesis, and Therapeutic Potential of Natural Flavonoid Luteolin: A Review. <b>2022</b> , 12, 1145	3
63	Inhibitory mechanisms of polyphenols on heme protein-mediated lipid oxidation in muscle food: New insights and advances. 1-19	O
62	Naringenin biosynthesis and fabrication of naringenin mediated nano silver conjugate for antimicrobial potential. 1-7	1
61	CaMYB12 -like underlies a major QTL for flavonoid content in pepper ( Capsicum annuum ) fruit.	O
60	Influence of chemical and organic fertilizers in fruits of camapu (Physalis angulata L.). 2022, 102580	0
59	Formulation of Multicomponent Chrysin-Hydroxy Propyl ©yclodextrin-Poloxamer Inclusion Complex Using Spray Dry Method: Physicochemical Characterization to Cell Viability Assessment. <b>2022</b> , 15, 1525	O
58	Assessment of the Biomolecules Profiles and In-Vitro Biological Activities of Cymbopogon citratus Roots. 4385-4396	O
57	DNA/Protein Binding and Apoptotic-Induced Anticancer Property of a First Time Reported Quercetinâlfon(III) Complex Having a Secondary Anionic Residue: A Combined Experimental and Theoretical Approach.	O
56	Transcription and Metabolism Pathways of Anthocyanin in Purple Shamrock (Oxalis triangularis A.StHil.). <b>2022</b> , 12, 1290	O
55	Metabolomics study of flavonoids in Coreopsis tinctoria of different origins by UPLCâMS/MS. 10, e14580	2
54	Engineering the Phenylpropanoid Pathway in Rhodosporidium toruloides for Naringenin Production from Tyrosine by Leveraging on its Native PAL Gene.	0
53	Bioassay-guided isolation and characterization of lead antimicrobial compounds from Acacia hydaspica plant extract. <b>2022</b> , 12,	O
52	Luminescent cyclometalated platinum compounds with N, P, and O^O ligands: Density-functional theory studies and analysis of the anticancer potential.	O
51	Insight for the photochemical reaction of 4-aryl-4H-pyran: Experimental and theoretical studies. <b>2022</b> , 133212	O
50	Effects of Coleus amboinicus L. Essential Oil and Ethanolic Extracts on Planktonic Cells and Biofilm Formation of Microsporum canis Isolated from Feline Dermatophytosis. <b>2022</b> , 11, 1734	0
49	A Neuroprotective Action of Quercetin and Apigenin through Inhibiting Aggregation of A陶nd Activation of TRKB Signaling in a Cellular Experiment. <b>2023</b> ,	1
48	Glycoalkaloid Composition and Flavonoid Content as Driving Forces of Phytotoxicity in Diploid Potato. <b>2023</b> , 24, 1657	1
47	A Review of Pistacia lentiscus Polyphenols: Chemical Diversity and Pharmacological Activities. <b>2023</b> , 12, 279	1

46	Recent Advances in Pharmaceutical Cocrystals: A Focused Review of Flavonoid Cocrystals. 2023, 28, 613	О
45	Fungicidal Activity of Zinc Oxide Nanoparticles against Azole-Resistant Aspergillus flavus Isolated from Yellow and White Maize. <b>2023</b> , 28, 711	O
44	Sulfoxide-mediated approach to flavones through one-pot Knoevenagel condensation/oxa-Michael addition/sulfoxide elimination process of ₹o-hydroxyaryl)-ketosulfone with arylaldehydes. <b>2022</b> , 154336	О
43	Why Do Dietary Flavonoids Have a Promising Effect as Enhancers of Anthracyclines? Hydroxyl Substituents, Bioavailability and Biological Activity. <b>2023</b> , 24, 391	2
42	Comparative Metabolomic Studies of Siberian Wildrye (Elymus sibiricus L.): A New Look at the Mechanism of Plant Drought Resistance. <b>2023</b> , 24, 452	О
41	Antibacterial and antibiofilm activities of taxifolin against vancomycin-resistant S. aureus (VRSA). <b>2022</b> , 3, 262-272	1
40	Phenolic compounds in Vaccinium spp.: diversity, biosynthesis, and molecular regulation. 2023, 1-8	O
39	Anthocyanin Pigmentation in Microgreen Cotyledons Does Not Impact on Colonisation by Shigatoxigenic Escherichia Coli O157:H7.	O
38	Antioxidant status in the blood, liver and muscle tissue of turkey hens receiving a diet with alfalfa protein concentrate. <b>2023</b> , 102521	O
37	A Dietary Plant Extract Formulation Helps Reduce Flea Populations in Cats: A Double-Blind Randomized Study. <b>2023</b> , 16, 195	O
36	Structural Features of Small Molecule Antioxidants and Strategic Modifications to Improve Potential Bioactivity. <b>2023</b> , 28, 1057	O
35	Flavonoids and related privileged scaffolds as potential urease inhibitors: a review. <b>2023</b> , 13, 3210-3233	O
34	Adaptive mechanisms in quinoa for coping in stressful environments: an update. 11, e14832	O
33	Whole-Genome Resequencing Reveals the Genetic Diversity and Selection Signatures of the Brassica juncea from the Yunnanâ©uizhou Plateau. <b>2023</b> , 13, 1053	O
32	Tuning the aggregation behavior of human insulin in the presence of luteolin: An in vitro and in silico approach. <b>2023</b> , 237, 124219	O
31	Marine halophyte derived polyphenols inhibit glioma cell growth through mitogen-activated protein kinase signaling pathway. <b>2023</b> , 159, 114288	O
30	Different doses of UV-B radiation affect pigmented potatoesallgrowth and quality during the whole growth period. 14,	0
29	Efficacy of Dietary Polyphenols from Whole Foods and Purified Food Polyphenol Extracts in Optimizing Cardiometabolic Health: A Meta-Analysis of Randomized Controlled Trials. <b>2023</b> , 14, 270-282	O

28	The research progress on the anxiolytic effect of plant-derived flavonoids by regulating neurotransmitters.	0
27	Neuromodulatory effect of plant metabolites. <b>2022</b> , 1, 47-69	O
26	Total phenols, flavonoids, proanthocyanidins and antioxidant potential of Justicia secunda Vahl. <b>2023</b> , 211-218	O
25	LhANS-rr1, LhDFR, and LhMYB114 Regulate Anthocyanin Biosynthesis in Flower Buds of Lilium âBiberiaâ[1 <b>2023</b> , 14, 559	O
24	Integrative analysis of the metabolome and transcriptome reveals the potential mechanism of fruit flavor formation in wild hawthorn (Crataegus chungtienensis). <b>2023</b> ,	0
23	Synthesis of Novel Isoxazoline/Isoxzolyl Pyrano Heterocyclic Annulated Flavones. <b>2023</b> , 35, 624-628	O
22	Therapeutic Potential of Luteolin on Cancer. <b>2023</b> , 11, 554	О
21	Comparative transcriptomic and metabolomic analyses reveal differences in flavonoid biosynthesis between PCNA and PCA persimmon fruit. 14,	1
20	Digital Database of Absorption Spectra of Diverse Flavonoids Enables Structural Comparisons and Quantitative Evaluations.	0
19	Impact of leaf removal as a source of stresses on grapevine yields, chemical characteristics, and anthocyanin content in the grapevine variety Babica.	O
18	Citrus Flavonoids Supplementation as an Alternative to Replace Zinc Oxide in Weanling PigsâlDiets Minimizing the Use of Antibiotics. <b>2023</b> , 13, 967	0
17	Toxic effects of cadmium on the physiological and biochemical attributes of plants, and phytoremediation strategies: A review. <b>2023</b> , 325, 121433	O
16	In-silico studies of Momordica charantia extracts as potential candidates against SARS-CoV-2 targeting human main protease enzyme (Mpro). <b>2023</b> , 38, 101216	О
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