Rosmarinic acid

Phytochemistry
62, 121-125
DOI: 10.1016/s0031-9422(02)00513-7

Citation Report

#	Article	IF	Citations
1	Design and synthesis of small chemical inhibitors containing different scaffolds for lck SH2 domain. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3455-3459.	1.0	12
2	Elicitor-induced rosmarinic acid biosynthesis in Lithospermum erythrorhizon cell suspension cultures: Activities of rosmarinic acid synthase and the final two cytochrome P450-catalyzed hydroxylations. Plant Biotechnology, 2004, 21, 393-396.	0.5	46
3	Phytochemical and antimicrobial investigation of Echium vulgare growing in Turkey. Biochemical Systematics and Ecology, 2004, 32, 833-836.	0.6	15
4	Scale-up micropropagation of sweet basil (Ocimum basilicum L.) in an airlift bioreactor and accumulation of rosmarinic acid. Biotechnology Letters, 2004, 26, 521-523.	1.1	39
5	Rosmarinic acid production by Lavandula vera MM cell suspension: the effect of temperature. Biotechnology Letters, 2004, 26, 855-856.	1.1	28
6	Purification, Cloning and Functional Expression of hydroxyphenylpyruvate Reductase Involved in Rosmarinic Acid Biosynthesis in Cell Cultures of Coleus Blumei. Plant Molecular Biology, 2004, 54, 311-323.	2.0	56
7	Simultaneous determination of magnesium lithospermate B, rosmarinic acid, and lithospermic acid in beagle dog serum by liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 2878-2882.	0.7	45
8	Curcumin has potent anti-amyloidogenic effects for Alzheimer's ?-amyloid fibrils in vitro. Journal of Neuroscience Research, 2004, 75, 742-750.	1.3	991
9	Phenylpropanoid derivatives from edible canna, Canna edulis. Phytochemistry, 2004, 65, 2167-2171.	1.4	22
10	Biosynthesis of Fukinolic Acid Isolated fromPetasites japonicus. Bioscience, Biotechnology and Biochemistry, 2004, 68, 2212-2214.	0.6	17
11	Chemical and Biological Characterization of Cinnamic Acid Derivatives from Cell Cultures of Lavender (Lavandula officinalis) Induced by Stress and Jasmonic Acid. Journal of Agricultural and Food Chemistry, 2004, 52, 2915-2923.	2.4	30
12	In Vitro Antioxidant, Antimicrobial, and Antiviral Activities of the Essential Oil and Various Extracts from Herbal Parts and Callus Cultures ofOriganum acutidens. Journal of Agricultural and Food Chemistry, 2004, 52, 3309-3312.	2.4	222
13	Friedelâ€“Crafts Reaction of Activated Benzene Rings with Captodative and Electronâ€Deficient Alkenes. A Oneâ€Step Synthesis of the Natural Product Methyl 3â€(2,4,5â€Trimethoxyphenyl)propionate. Synthetic Communications, 2004, 34, 2719-2735.	1.1	16
14	Investigation of Lepechinia graveolens for its antioxidant activity and phenolic composition. Journal of Ethnopharmacology, 2004, 94, 175-184.	2.0	41
15	Use of Rosmarinus officinalis as a treatment against Streptococcus iniae in tilapia (Oreochromis sp.). Aquaculture, 2004, 238, 97-105.	1.7	112
16	The influence of Calendulae officinalis flos extracts on cell cultures, and the chromatographic analysis of extracts. Journal of Pharmaceutical and Biomedical Analysis, 2005, 38, 285-292.	1.4	53
17	Effect of an acid treatment on the phytochemical and antioxidant characteristics of extracts from selected Lamiaceae species. Food Chemistry, 2005, 91, 525-533.	4.2	205
18	DFT study on the antioxidant activity of rosmarinic acid. Computational and Theoretical Chemistry, 2005, 719, 177-183.	1.5	94

#	Article	IF	Citations
19	Fast high performance liquid chromatography and ultravioletâ€"visible quantification of principal phenolic antioxidants in fresh rosemary. Journal of Chromatography A, 2005, 1100, 20-25.	1.8	59
20	Optimized Method for the Determination of Flavonoid Glycosides and Aglycones. Chromatographia, 2005, 61, 89-92.	0.7	8
21	Distribution of a New Rosmarinic Acid Derivative inEryngium alpinumL. and Other Apiaceae. Journal of Agricultural and Food Chemistry, 2005, 53, 4367-4372.	2.4	66
22	Elicitor signal transduction leading to production of plant secondary metabolites. Biotechnology Advances, 2005, 23, 283-333.	6.0	1,555
23	Cytoprotectivity of Prunella vulgaris on doxorubicin-treated rat cardiomyocytes. FÃ¬toterapÃ¬Ã¢, 2005, 76, 556-561.	1.1	30
25	Chemistry and Biological Activities of Caffeic Acid Derivatives from Salvia miltiorrhiza. Current Medicinal Chemistry, 2005, 12, 237-246.	1.2	305
26	Caffeic Acid Metabolites fromEritrichium sericeumCell Cultures. Planta Medica, 2005, 71, 446-451.	0.7	26
27	Transepithelial Transport of Rosmarinic Acid in Intestinal Caco-2 Cell Monolayers. Bioscience, Biotechnology and Biochemistry, 2005, 69, 583-591.	0.6	70
28	Neurobehavioral and genotoxic aspects of rosmarinic acid. Pharmacological Research, 2005, 52, 199-203.	3.1	107
29	Purification of Rosmarinic Acid by Strong Ionâ€Exchange Centrifugal Partition Chromatography. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 1947-1957.	0.5	20
30	Rosmarinic acid, a new snake venom phospholipase A2 inhibitor from Cordia verbenacea (Boraginaceae): antiserum action potentiation and molecular interaction. Toxicon, 2005, 46, 318-327.	0.8	150
31	Antioxidant and antimicrobial activities of rosemary extracts linked to their polyphenol composition. Free Radical Research, 2006, 40, 223-231.	1.5	475
32	The Spice Sage and Its Active Ingredient Rosmarinic Acid Protect PC12 Cells from Amyloid-Î² Peptide-Induced Neurotoxicity. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1143-1149.	1.3	217
33	Chavicol formation in sweet basil (Ocimum basilicum): cleavage of an esterified C9 hydroxyl group with NAD(P)H-dependent reduction. Organic and Biomolecular Chemistry, 2006, 4, 2733-2744.	1.5	70
34	Isolation and Characterization of Rosmarinic Acid Oligomers inCelastrus hindsiiBenth Leaves and Their Antioxidative Activity. Journal of Agricultural and Food Chemistry, 2006, 54, 3786-3793.	2.4	63
35	Effect of Methyl Jasmonate on Secondary Metabolites of Sweet Basil (Ocimum basilicumL.). Journal of Agricultural and Food Chemistry, 2006, 54, 2327-2332.	2.4	185
36	Accumulation of Essential Oils in Tissue Cultures ofColeus amboinicus. Journal of Herbs, Spices and Medicinal Plants, 2006, 11, 1-7.	0.5	3
37	Ingestion of Oregano Extract Increases Excretion of Urinary Phenolic Metabolites in Humans. Journal of Agricultural and Food Chemistry, 2006, 54, 6916-6923.	2.4	25

#	Article	IF	Citations
38	Anti-amyloidogenic effects of antioxidants: Implications for the prevention and therapeutics of Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 575-586.	1.8	159
39	Complement inhibitors selectively attenuate injury following administration of cobra venom factor to rats. International Immunopharmacology, 2006, 6, 1224-1232.	1.7	30
40	Kinetic Study on the Free Radical-Scavenging and Vitamin E-Regenerating Actions of Caffeic Acid and Its Related Compounds. Bulletin of the Chemical Society of Japan, 2006, 79, 1501-1508.	2.0	14
41	Toward Use of the Leaves of Perilla frutescens (L.) Britton var. Acuta Kudo (red perilla) with Japanese Dietary Pickled Plum (Umeboshi). Journal of Oleo Science, 2006, 55, 413-422.	0.6	19
42	Antioxidants fromRabdosia japonica. Phytotherapy Research, 2006, 20, 206-213.	2.8	34
43	Effects of Rosemary Extracts on the Reduction of Heterocyclic Amines in Beef Patties. Journal of Food Science, 2006, 71, C469-C473.	1.5	55
44	Suppressive Effect of Caffeic Acid and its Derivatives on the Generation of UVA-induced Reactive Oxygen Species in the Skin of Hairless Mice and Pharmacokinetic Analysis on Organ Distribution of Caffeic Acid in ddY Mice. Photochemistry and Photobiology, 2006, 82, 1668-1676.	1.3	36
45	Antioxidant compounds have potent anti-fibrillogenic and fibril-destabilizing effects for alpha-synuclein fibrils in vitro. Journal of Neurochemistry, 2006, 97, 105-115.	2.1	307
46	Selection of high rosmarinic acid producing Lavandula vera MM cell lines. Process Biochemistry, 2006, 41, 2068-2071.	1.8	31
47	Catalytic activity, duplication and evolution of the CYP98 cytochrome P450 family in wheat. Plant Molecular Biology, 2006, 63, 1-19.	2.0	45
48	Rosmarinic acid failed to suppress hydrogen peroxide-mediated apoptosis but induced apoptosis of Jurkat cells which was suppressed by Bcl-2. Molecular and Cellular Biochemistry, 2006, 285, 111-120.	1.4	22
49	Production of rosmarinic acid and a new rosmarinic acid 3â€²-O-Î²-D-glucoside in suspension cultures of the hornwort Anthoceros agrestis Paton. Planta, 2006, 223, 369-373.	1.6	59
50	Rosmarinic acid synthase is a new member of the superfamily of BAHD acyltransferases. Planta, 2006, 224, 1503-1510.	1.6	60
51	High accumulation of dehydrodiconiferyl alcohol-4-Î²-d-glucoside in free and immobilized Linum usitatissimum cell cultures. Plant Cell Reports, 2006, 25, 859-864.	2.8	27
52	New insights on the anticancer properties of dietary polyphenols. Medicinal Research Reviews, 2006, 26, 747-766.	5.0	483
53	The Psychopharmacology of European Herbs with Cognition-Enhancing Properties. Current Pharmaceutical Design, 2006, 12, 4613-4623.	0.9	92
54	The Development of Preventives and Therapeutics for Alzheimers Disease that Inhibit the Formation of β-Amyloid Fibrils (fAβ), as Well as Destabilize Preformed fAβ. Current Pharmaceutical Design, 2006, 12, 4357-4375.	0.9	60
55	Suppressive Effect of Caffeic Acid and its Derivatives on the Generation of UVA-induced Reactive Oxygen Species in the Skin of Hairless Mice and Pharmacokinetic Analysis on Organ Distribution of Caffeic Acid in ddY Mice. Photochemistry and Photobiology, 2006, 82, 1668.	1.3	15

#	Article	IF	Citations
56	Digitized Chromatographic Fingerprint Spectrum of Water Soluble Components of Salvia Miltiorrhiza Bunge by High Speed Countercurrent Chromatography. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2789-2800.	0.5	2
57	Determination of phenolic content and antioxidant activity of extracts obtained from Rosmarinus officinalisâ€™ calli. Journal of Plant Physiology, 2007, 164, 1536-1542.	1.6	63
58	The rolB gene-induced overproduction of resveratrol in Vitis amurensis transformed cells. Journal of Biotechnology, 2007, 128, 681-692.	1.9	160
59	Wheat Antioxidant Bioavailability. , 0, , 244-263.		0
60	High Rabdosiin and Rosmarinic Acid Production inEritrichium sericeumCallus Cultures and the Effect of the Calli on Masugi-Nephritis in Rats. Bioscience, Biotechnology and Biochemistry, 2007, 71, 1286-1293.	0.6	24
61	Chemical Changes and Overexpressed Genes in Sweet Basil (Ocimum basilicumL.) upon Methyl Jasmonate Treatment. Journal of Agricultural and Food Chemistry, 2007, 55, 706-713.	2.4	32
62	Quantitative HPLC Analysis of Rosmarinic Acid in Extracts of Melissa officinalis and Spectrophotometric Measurement of Their Antioxidant Activities. Journal of Chemical Education, 2007, 84, 1502.	1.1	25
63	Effects of plant extracts on antioxidant status and oxidant-induced stress in Caco-2 cells. British Journal of Nutrition, 2007, 97, 321-328.	1.2	92
64	ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF EDIBLE PLANTS AND THEIR POTENTIAL USE AS NUTRACEUTICALS. Acta Horticulturae, 2007, , 355-368.	0.1	4
65	Comparison of rosmarinic acid content in commercial tinctures produced from fresh and dried lemon balm (Melissa officinalis). Journal of Pharmacy and Pharmaceutical Sciences, 2007, 10, 455.	0.9	17
68	Infusions of Portuguese medicinal plants: Dependence of final antioxidant capacity and phenol content on extraction features. Journal of the Science of Food and Agriculture, 2007, 87, 2638-2647.	1.7	187
69	The structureâ€"activity relationship of the series of non-peptide small antagonists for p56lck SH2 domain. Bioorganic and Medicinal Chemistry, 2007, 15, 3938-3950.	1.4	30
70	One-step separation and purification of 3,4-dihydroxyphenyllactic acid, salvianolic acid B and protocatechualdehyde from Salvia miltiorrhiza Bunge by high-speed counter-current chromatography. Journal of Chromatography A, 2007, 1140, 107-111.	1.8	51
71	Determination of selected antioxidants in Melissae herba by isotachophoresis and capillary zone electrophoresis in the column-coupling configuration. Journal of Chromatography A, 2007, 1171, 124-132.	1.8	16
72	Antioxidant potentials and rosmarinic acid levels of the methanolic extracts of Salvia verticillata (L.) subsp. verticillata and S. verticillata (L.) subsp. amasiaca (Freyn & Bornm.) Bornm. Food Chemistry, 2007, 100, 985-989.	4.2	97
73	In vitro inhibitory effects of rosemary extracts on growth and glucosyltransferase activity of Streptococcus sobrinus. Food Chemistry, 2007, 105, 311-316.	4.2	36
74	Rosmarinic acid inhibits indoleamine 2,3-dioxygenase expression in murine dendritic cells. Biochemical Pharmacology, 2007, 73, 1412-1421.	2.0	44
75	In Vitro and in Vivo Stability of Caffeic Acid Phenethyl Ester, a Bioactive Compound of Propolis. Journal of Agricultural and Food Chemistry, 2007, 55, 3398-3407.	2.4	86

#	Article	IF	Citations
76	HPLC Analysis of Rosmarinic Acid in Feed Enriched with Aerial Parts ofPrunella vulgarisand Its Metabolites in Pig Plasma Using Dual-Channel Coulometric Detection. Journal of Agricultural and Food Chemistry, 2007, 55, 7631-7637.	2.4	23
77	Quantitative Determination of Four Water-Soluble Compounds in Herbal Drugs from Lamiaceae Using Different Chromatographic Techniques. Chromatographia, 2007, 66, 87-93.	0.7	31
78	Elicitation of rosmarinic acid by Lavandula vera MM cell suspension culture with abiotic elicitors. World Journal of Microbiology and Biotechnology, 2007, 23, 301-304.	1.7	38
79	Arbuscular mycorrhizal fungi can induce the production of phytochemicals in sweet basil irrespective of phosphorus nutrition. Mycorrhiza, 2007, 17, 291-297.	1.3	194
80	A new phenolic glucoside from an Uzbek medicinal plant, Origanum tyttanthum. Journal of Natural Medicines, 2007, 62, 71-74.	1.1	10
81	Rosmarinic acid determination using biomimetic sensor based on purple acid phosphatase mimetic. Analytica Chimica Acta, 2008, 613, 91-97.	2.6	27
82	Rosmarinic acid production in hairy root cultures of Agastache rugosa Kuntze. World Journal of Microbiology and Biotechnology, 2008, 24, 969-972.	1.7	50
83	Caffeic acid attenuates the decrease of cortical BDNF transcript IV mRNA induced by swim stress in wild-type but not in 5-lipoxygenase-deficient mice. Journal of Neural Transmission, 2008, 115, 823-827.	1.4	18
84	Occurrence of rosmarinic acid, chlorogenic acid and rutin in Marantaceae species. Phytochemistry Letters, 2008, 1, 199-203.	0.6	26
85	Antioxidant potentials and rosmarinic acid levels of the methanolic extracts of Salvia virgata (Jacq), Salvia staminea (Montbret & Aucher ex Bentham) and Salvia verbenaca (L.) from Turkey. Bioresource Technology, 2008, 99, 1584-1588.	4.8	108
86	Rosmarinic acid protects human dopaminergic neuronal cells against hydrogen peroxide-induced apoptosis. Toxicology, 2008, 250, 109-115.	2.0	152
87	Reaction of Rosmarinic Acid with Nitrite Ions in Acidic Conditions: Discovery of Nitro- and Dinitrorosmarinic Acids as New Anti-HIV-1 Agents. Journal of Medicinal Chemistry, 2008, 51, 2575-2579.	2.9	66
88	Plant in vitro culture for the production of antioxidants â€" A review. Biotechnology Advances, 2008, 26, 548-560.	6.0	344
89	The chemotaxonomic and medicinal significance of phenolic acids in Arctopus and Alepidea (Apiaceae) Tj ETQq1 1 0.784314 rgBT /Over	0.6	20
90	Oxidative DNA damage protection and repair by polyphenolic compounds in PC12 cells. European Journal of Pharmacology, 2008, 601, 50-60.	1.7	99
91	Production of Secondary Metabolites Using Plant Cell Cultures. Advances in Biochemical Engineering/Biotechnology, 2008, 111, 187-228.	0.6	216
92	One-Step Purification of 3,4-Dihydroxyphenyllactic Acid, Salvianolic Acid B, and Protocatechualdehyde from Salvia miltiorrhiza Bunge by Isocratic Stepwise Hydrogen Bond Adsorption Chromatography on Cross-Linked 12% Agarose. Journal of Chromatographic Science, 2008, 46, 165-168.	0.7	12
93	Food Biotechnology. Advances in Biochemical Engineering/Biotechnology, 2008, , .	0.6	12

#	Article	IF	Citations
94	South African Salvia species: A review of biological activities and phytochemistry. Journal of Ethnopharmacology, 2008, 119, 664-672.	2.0	224
95	Antimutagenicity of rosmarinic acid in Swiss mice evaluated by the micronucleus assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 657, 150-154.	0.9	92
96	Effects of Nitrogen Fertilization on the Phenolic Composition and Antioxidant Properties of Basil (Ocimum basilicumL.). Journal of Agricultural and Food Chemistry, 2008, 56, 8685-8691.	2.4	156
97	Rosmarinic Acid Antagonizes Activator Protein-1â€"Dependent Activation of Cyclooxygenase-2 Expression in Human Cancer and Nonmalignant Cell Lines. Journal of Nutrition, 2008, 138, 2098-2105.	1.3	107
98	Amyloid β -Protein Assembly as a Therapeutic Target of Alzheimers Disease. Current Pharmaceutical Design, 2008, 14, 3231-3246.	0.9	107
99	β-Synuclein Assembly as a Therapeutic Target of Parkinsons Disease and Related Disorders. Current Pharmaceutical Design, 2008, 14, 3247-3266.	0.9	48
101	Volatile oils and resins. , 2009, , 263-303.		7
102	In Vitro Antimicrobial and Antioxidant Activity of Commercial Rosemary Extract Formulations. Journal of Food Protection, 2009, 72, 1744-1752.	0.8	123
103	Health Benefits of Traditional Culinary and Medicinal Mediterranean Plants. , 2009, , 541-562.		3
104	The Shikimate Pathway: Aromatic Amino Acids and Phenylpropanoids. , 0, , 137-186.		25
105	Phytochemistry and antimicrobial compounds of Hymenocrater calycinus. EurAsian Journal of BioSciences, 2009, , 64-68.	0.3	28
106	Inhibition of the Initiation Stage of Carcinogenesis by Salvia disermas Constituents. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 831-839.	0.6	6
107	Mechanisms involved in the antinociception caused by ethanolic extract obtained from the leaves of Melissa officinalis (lemon balm) in mice. Pharmacology Biochemistry and Behavior, 2009, 93, 10-16.	1.3	64
108	Rosmarinic acid suppresses retinal neovascularization via cell cycle arrest with increase of p21WAF1 expression. European Journal of Pharmacology, 2009, 615, 150-154.	1.7	36
109	Relationship of secondary metabolism to growth in oregano (Origanum vulgare L.) shoot cultures under nutritional stress. Environmental and Experimental Botany, 2009, 65, 54-62.	2.0	118
110	Molecular cloning, expression and characterization of a phenylalanine ammonia-lyase gene (SmPAL1) from Salvia miltiorrhiza. Molecular Biology Reports, 2009, 36, 939-952.	1.0	98
111	Characterization and expression profiling of 4-hydroxyphenylpyruvate dioxygenase gene (Smhppd) from SalviaÂmiltiorrhiza hairy root cultures. Molecular Biology Reports, 2009, 36, 2019-2029.	1.0	23
112	The effect of yeast extract and methyl jasmonate on rosmarinic acid accumulation in Coleus blumei hairy roots. Biologia Plantarum, 2009, 53, 650-656.	1.9	44

#	Article	IF	Citations
113	cDNA cloning and functional characterisation of CYP98A14 and NADPH:cytochrome P450 reductase from Coleus blumei involved in rosmarinic acid biosynthesis. Plant Molecular Biology, 2009, 69, 239-253.	2.0	65
114	Rosmarinic Acid Inhibits 6-OHDA-induced Neurotoxicity by Anti-oxidation in MES23.5 Cells. Journal of Molecular Neuroscience, 2009, 39, 220-225.	1.1	36
115	Bioassayâ€guided fractionation of lemon balm (Melissa officinalis L.) using an in vitro measure of GABA transaminase activity. Phytotherapy Research, 2009, 23, 1075-1081.	2.8	138
116	Methyl jasmonate dramatically enhances the accumulation of phenolic acids in Salvia miltiorrhiza hairy root cultures. Physiologia Plantarum, 2009, 137, 1-9.	2.6	154
117	Clovamide and rosmarinic acid induce neuroprotective effects in in vitro models of neuronal death. British Journal of Pharmacology, 2009, 157, 1072-1084.	2.7	115
118	Pine nut peroxidase immobilized on chitosan crosslinked with citrate and ionic liquid used in the construction of a biosensor. Enzyme and Microbial Technology, 2009, 44, 400-405.	1.6	22
119	Rosmarinic acid from beach waste: Isolation and HPLC quantification in Zostera detritus from Arcachon lagoon. Food Chemistry, 2009, 113, 878-883.	4.2	59
120	Effect of particle size upon the extent of extraction of antioxidant power from the plants Agrimonia eupatoria, Salvia sp. and Satureja montana. Food Chemistry, 2009, 117, 412-416.	4.2	80
121	Evolution of rosmarinic acid biosynthesis. Phytochemistry, 2009, 70, 1663-1679.	1.4	244
122	Advancement in analysis of Salviae miltiorrhizae Radix et Rhizoma (Danshen). Journal of Chromatography A, 2009, 1216, 1941-1953.	1.8	202
123	Positive inotropic effect of the leaf extracts of parent and tissue culture plants of Coleus amboinicus on an isolated perfused frog heart preparation. Food Chemistry, 2009, 114, 139-141.	4.2	6
124	Effect of Rosmarinic Acid on Aged Mice in Morris Water Maze Performance. , 2009, , .		1
125	Biosensor based on laccase and an ionic liquid for determination of rosmarinic acid in plant extracts. Talanta, 2009, 77, 1322-1327.	2.9	74
126	An ethnobotanical study of traditional anti-inflammatory plants used by the Lohit community of Arunachal Pradesh, India. Journal of Ethnopharmacology, 2009, 125, 234-245.	2.0	95
127	The Use of Natural Compounds and Botanicals in the Development of Anti-Aging Skin Care Products. , 2009, , 205-263.		10
128	Cloning and Induction of Phenylalanine Ammonia-lyase Gene from Salvia miltiorrhiza and Its Effect on Hydrophilic Phenolic Acids Levels. Chinese Journal of Natural Medicines, 2009, 7, 449-457.	0.7	6
129	Influence of growth regulators and sucrose concentrations on growth and rosmarinic acid production in calli and suspension cultures of Coleus blumei . Natural Product Research, 2009, 23, 127-137.	1.0	28
130	Explorations into Neolignan Biosynthesis: Concise Total Syntheses of Helicterin B, Helisorin, and Helisterculin A from a Common Intermediate. Journal of the American Chemical Society, 2009, 131, 1745-1752.	6.6	53

#	Article	IF	Citations
131	Phenolic Compounds Prevent Alzheimerâ€™s Pathology through Different Effects on the Amyloid-Î² Aggregation Pathway. American Journal of Pathology, 2009, 175, 2557-2565.	1.9	359
132	Physiological Peculiarities ofLavandula VeraMM Cell Suspension Culture in Stirred Tank Reactor. Biotechnology and Biotechnological Equipment, 2009, 23, 836-839.	0.5	0
133	Hyaluronidase Inhibitors from Takuran, <i>Lycopus lucidus</i>. Chemical and Pharmaceutical Bulletin, 2010, 58, 394-397.	0.6	39
135	Prunella vulgaris extract and rosmarinic acid prevent UVB-induced DNA damage and oxidative stress in HaCaT keratinocytes. Archives of Dermatological Research, 2010, 302, 171-181.	1.1	91
136	Enzymes of phenylpropanoid metabolism in the important medicinal plant Melissa officinalis L.. Planta, 2010, 232, 731-742.	1.6	57
137	Rosmarinic acid in Argusia argentea inhibits snake venom-induced hemorrhage. Journal of Natural Medicines, 2010, 64, 482-486.	1.1	37
138	Hydroxycinnamates and their in vitro and in vivo antioxidant activities. Phytochemistry Reviews, 2010, 9, 147-170.	3.1	202
139	Subchronic administration of rosmarinic acid, a natural prolyl oligopeptidase inhibitor, enhances cognitive performances. FÃ¬toterapÃ¬Ã¢, 2010, 81, 644-648.	1.1	49
140	Effect of harvesting time on phenolic compounds and antiradical scavenging activity of Borago officinalis seed extracts. Industrial Crops and Products, 2010, 31, e1-e4.	2.5	32
141	Variability of morphological and phytochemical characteristics among Satureja hortensis L. accessions of Iran. Industrial Crops and Products, 2010, 32, 62-69.	2.5	85
142	Effects of foliar fertilization and arbuscular mycorrhizal colonization on Salvia officinalis L. growth, antioxidant capacity, and essential oil composition. Journal of the Science of Food and Agriculture, 2010, 90, 696-702.	1.7	82
143	Accumulation of salicylic acid-induced phenolic compounds and raised activities of secondary metabolic and antioxidative enzymes in Salvia miltiorrhiza cell culture. Journal of Biotechnology, 2010, 148, 99-104.	1.9	227
144	Chicoric acid levels in commercial basil (Ocimum basilicum) and Echinacea purpurea products. Journal of Functional Foods, 2010, 2, 77-84.	1.6	56
145	Antiacetylcholinesterase and antioxidant activities of Plectranthus barbatus tea, after in vitro gastrointestinal metabolism. Food Chemistry, 2010, 122, 179-187.	4.2	36
146	In vitro antibacterial and antioxidant activities of Orthosiphon stamineus Benth. extracts against food-borne bacteria. Food Chemistry, 2010, 122, 1168-1172.	4.2	72
147	Potassium rate alters the antioxidant capacity and phenolic concentration of basil (Ocimum basilicum) Tj ETQq1 1 0.784314 rgBT /Over	4.2	131
148	Synthesis and evaluation of the platelet antiaggregant properties of phenolic antioxidants structurally related to rosmarinic acid. Bioorganic Chemistry, 2010, 38, 108-114.	2.0	18
149	Preyssler catalyst: An efficient catalyst for esterification of cinnamic acids with phenols and imidoalcohols. Applied Catalysis A: General, 2010, 374, 110-119.	2.2	24

#	Article	IF	Citations
150	A novel ring-expanded product with enhanced tyrosinase inhibitory activity from classical Fe-catalyzed oxidation of rosmarinic acid, a potent antioxidative Lamiaceae polyphenol. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7393-7396.	1.0	18
151	Evaluation of aldose reductase inhibition and docking studies of 6â€²-nitro and 6â€²,6â€³-dinitrorosmarinic acids. European Journal of Medicinal Chemistry, 2010, 45, 1663-1666.	2.6	11
152	Effect of drying method on the antioxidant capacity of six Lamiaceae herbs. Food Chemistry, 2010, 123, 85-91.	4.2	224
153	Rosemary extracts improve flowâ€mediated dilatation of the brachial artery and plasma PAIâ€1 activity in healthy young volunteers. Phytotherapy Research, 2011, 25, 402-407.	2.8	29
154	Microencapsulation of rosmarinic acid using polycaprolactone and various surfactants. International Journal of Cosmetic Science, 2010, 32, 185-191.	1.2	35
155	Effects of Nitrogen and Calcium Carbonate on Growth, Rosmarinic Acid Content and Yield of Satureja hortensis L.. Journal of Agricultural Science, 2010, 2, .	0.1	5
156	Effect of light intensity and growth substratum on plant development and production of secondary metabolites in Cordia curassavica (Jacq.) Roem. & Schult. Revista Arvore, 2010, 34, 417-423.	0.5	3
157	Biosynthesis of hydroxycinnamate conjugates: implications for sustainable biomass and biofuel production. Biofuels, 2010, 1, 745-761.	1.4	13
158	Antioxidant activity, total phenolics, and rosmarinic acid content in different basils (<i>Ocimum</i> spp.). Israel Journal of Plant Sciences, 2010, 58, 191-195.	0.3	15
159	Is Traditional Chinese Medicine Effective for Reducing Hyperthyroidism?. Journal of Alternative and Complementary Medicine, 2010, 16, 1217-1220.	2.1	8
160	Vascular Plant Lignification: Biochemical/Structural Biology Considerations of Upstream Aromatic Amino Acid and Monolignol Pathways. , 2010, , 541-604.		2
161	Lithospermic acid B is more responsive to silver ions (Ag+) than rosmarinic acid in Salvia miltiorrhiza hairy root cultures. Bioscience Reports, 2010, 30, 33-40.	1.1	53
162	Systemic Induction of Monoterpene Biosynthesis in Origanum Ã— majoricum by Soil Bacteria. Journal of Agricultural and Food Chemistry, 2010, 58, 650-654.	2.4	71
163	Chinese Traditional Medicine. , 2010, , 383-477.		6
164	The Arabidopsis PAP1 Transcription Factor Plays an Important Role in the Enrichment of Phenolic Acids in Salvia miltiorrhiza. Journal of Agricultural and Food Chemistry, 2010, 58, 12168-12175.	2.4	82
165	Rosmarinic Acid Antagonized 1-Methyl-4-Phenylpyridinium (MPP⁺)-Induced Neurotoxicity in MES23.5 Dopaminergic Cells. International Journal of Toxicology, 2010, 29, 625-633.	0.6	35
166	LC-MS Method for the Simultaneous Quantitation of the Anti-inflammatory Constituents in Oregano (Origanum Species). Journal of Agricultural and Food Chemistry, 2010, 58, 7119-7125.	2.4	60
167	Rosmarinic acid attenuates D-galactose induced behavior impairment in mice and its mechanism. , 2010, , .		1

#	Article	IF	Citations
168	Flavonoids and Phenolic Compounds from Rosmarinus officinalis. Journal of Agricultural and Food Chemistry, 2010, 58, 5363-5367.	2.4	136
169	Evaluation of diffusion and dilution methods to determine the antibacterial activity of plant extracts. Journal of Microbiological Methods, 2010, 81, 121-126.	0.7	422
170	Identification of rosmarinic acid as the major active constituent in Cordia americana. Journal of Ethnopharmacology, 2010, 128, 561-566.	2.0	27
171	Antioxidant, free radical scavenging activities of Salvia brachyantha and its protective effect against oxidative cardiac cell injury. Food and Chemical Toxicology, 2010, 48, 846-853.	1.8	79
172	Antioxidant activities of leaf extract of Salvia miltiorrhiza Bunge and related phenolic constituents. Food and Chemical Toxicology, 2010, 48, 2656-2662.	1.8	100
173	Variation in Content and Composition of Phenolic Compounds in Permanent Pastures According to Botanical Variation. Journal of Agricultural and Food Chemistry, 2010, 58, 5485-5494.	2.4	29
174	Effects of Extracts of Selected Medicinal Plants upon Hepatic Oxidative Stress. Journal of Medicinal Food, 2010, 13, 131-136.	0.8	23
175	Isolation and Quantification of Rosmarinic Acid fromHymenocrater calycinus. Journal of Herbs, Spices and Medicinal Plants, 2011, 17, 132-138.	0.5	7
176	Cytotoxicity and Antioxidant Activity of New Biologically Active Constituents from Salvia Lanigra and Salvia Splendens. Pharmacognosy Journal, 2011, 3, 36-48.	0.3	6
177	Research on the Effects of Rosemary (Rosmarinus officinalisL.) on the Blood Lipids and Anti-lipid Peroxidation in Rats. Journal of Essential Oil Research, 2011, 23, 26-34.	1.3	7
178	Gold nanoparticles in an ionic liquid phase supported in a biopolymeric matrix applied in the development of a rosmarinic acid biosensor. Analyst, The, 2011, 136, 2495.	1.7	31
179	The natural antioxidant rosmarinic acid spontaneously penetrates membranes to inhibit lipid peroxidation in situ. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2973-2980.	1.4	128
180	Correlated accumulation of anthocyanins and rosmarinic acid in mechanically stressed red cell suspensions of basil (Ocimum basilicum). Journal of Plant Physiology, 2011, 168, 288-293.	1.6	32
181	Evaluation of the genotoxicity of Orthosiphon stamineus aqueous extract. Journal of Ethnopharmacology, 2011, 133, 647-653.	2.0	33
182	Experimental study on Satureja montana as a treatment for premature ejaculation. Journal of Ethnopharmacology, 2011, 133, 629-633.	2.0	33
183	De novo transcriptome sequencing in Salvia miltiorrhiza to identify genes involved in the biosynthesis of active ingredients. Genomics, 2011, 98, 272-279.	1.3	181
184	Effect of rosmarinic acid on inhibition of gentamicin induced nephrotoxicity in rats. Tissue and Cell, 2011, 43, 392-397.	1.0	91
185	Synthetic Studies of Biomimetic Dielsâ€"Alder Processes toward the Helicterin Family of Natural Products. Israel Journal of Chemistry, 2011, 51, 378-390.	1.0	5

#	Article	IF	Citations
186	Determination of Polyphenols in Mentha longifolia and M. piperita Field-Grown and In Vitro Plant Samples Using UPLC-TQ-MS. Journal of AOAC INTERNATIONAL, 2011, 94, 43-50.	0.7	53
187	Structural and Functional Studies of a Bothropic Myotoxin Complexed to Rosmarinic Acid: New Insights into Lys49-PLA2 Inhibition. PLoS ONE, 2011, 6, e28521.	1.1	50
188	The c4h, tat, hppr and hppd Genes Prompted Engineering of Rosmarinic Acid Biosynthetic Pathway in Salvia miltiorrhiza Hairy Root Cultures. PLoS ONE, 2011, 6, e29713.	1.1	135
189	EFFECT OF DIFFERENT PLANT ORIGINS AND CLIMATIC CONDITIONS ON THE TOTAL PHENOLIC CONTENT AND TOTAL ANTIOXIDANT CAPACITY OF SELF-HEAL (PRUNELLA VULGARIS L.). Acta Horticulturae, 2011, , 49-55.	0.1	6
190	Hyaluronidase Inhibitory Rosmarinic Acid Derivatives from Meehania urticifolia. Chemical and Pharmaceutical Bulletin, 2011, 59, 88-95.	0.6	15
191	Rosmarinic Acid Inhibits Proliferation and Induces Apoptosis of Hepatic Stellate Cells. Biological and Pharmaceutical Bulletin, 2011, 34, 343-348.	0.6	37
192	Inhibiting the C5â€"C5a receptor axis. Molecular Immunology, 2011, 48, 1631-1642.	1.0	272
193	Sapodilla seed coat as a multifunctional ingredient for cosmetic applications. Process Biochemistry, 2011, 46, 2215-2218.	1.8	17
194	Rosmarinic acid content in basil plants grown in vitro and in hydroponics. Open Life Sciences, 2011, 6, 946-957.	0.6	53
195	Genomic characterization of natural and somaclonal variations in bananas (Musa spp.). Plant Molecular Biology Reporter, 2011, 29, 440-448.	1.0	15
196	Anti-proliferative Effect of Melissa officinalis on Human Colon Cancer Cell Line. Plant Foods for Human Nutrition, 2011, 66, 328-334.	1.4	73
197	Distinct substrate specificities and unusual substrate flexibilities of two hydroxycinnamoyltransferases, rosmarinic acid synthase and hydroxycinnamoyl-CoA:shikimate hydroxycinnamoyl-transferase, from Coleus blumei Benth.. Planta, 2011, 233, 1157-1171.	1.6	54
198	Substrate promiscuity of a rosmarinic acid synthase from lavender (Lavandula angustifolia L.). Planta, 2011, 234, 305-320.	1.6	37
199	RNAi-mediated suppression of the phenylalanine ammonia-lyase gene in Salvia miltiorrhiza causes abnormal phenotypes and a reduction in rosmarinic acid biosynthesis. Journal of Plant Research, 2011, 124, 183-192.	1.2	102
200	Determination of phenolic compounds in Prunella L. by liquid chromatography-diode array detection. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 1227-1230.	1.4	36
201	Cloning and characterisation of rosmarinic acid synthase from Melissa officinalis L.. Phytochemistry, 2011, 72, 572-578.	1.4	58
202	Determination of Rosmarinic Acid by High-Performance Liquid Chromatography and Its Application to Certain Salvia Species and Rosemary. Food Analytical Methods, 2011, 4, 300-306.	1.3	14
204	Plant Polyphenols: Chemical Properties, Biological Activities, and Synthesis. Angewandte Chemie - International Edition, 2011, 50, 586-621.	7.2	2,014

#	Article	IF	Citations
205	Phytochemical and Morphological Characterization of Satureja khuzistanica<scp>Jamzad</scp> Populations from Iran. Chemistry and Biodiversity, 2011, 8, 902-915.	1.0	81
206	Assessment of in vitro antioxidant capacity of stem and leaf extracts of Rabdosia serra (MAXIM.) HARA and identification of the major compound. Food Chemistry, 2011, 126, 54-59.	4.2	30
207	Influence of the phenophase on the phenolic profile and antioxidant properties of Dalmatian sage. Food Chemistry, 2011, 127, 427-433.	4.2	34
208	The molecular basis of working mechanism of natural polyphenolic antioxidants. Food Chemistry, 2011, 125, 288-306.	4.2	917
209	Inhibitory effect of Lavandula viridis on Fe2+-induced lipid peroxidation, antioxidant and anti-cholinesterase properties. Food Chemistry, 2011, 126, 1779-1786.	4.2	51
210	Variations in phenolic composition and antioxidant properties among 15 basil (Ocimum basilicum L.) cultivars. Food Chemistry, 2011, 128, 1044-1050.	4.2	207
211	Stability studies on trans-rosmarinic acid and GCâ€"MS analysis of its degradation product. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 1010-1016.	1.4	19
212	Neurocognitive effects of herbal extracts. , 2011, , 272-297.		3
213	The Molecular Mechanism of Rosmarinic Acid Extending the Lifespan of <i>Caenorhabditis elegans</i>. Applied Mechanics and Materials, 0, 140, 469-472.	0.2	3
214	Effect of plant extracts on Alzheimerâ€™s disease: An insight into therapeutic avenues. Journal of Neurosciences in Rural Practice, 2011, 02, 056-061.	0.3	56
215	Effect of Rosmarinic and Caffeic Acids on Inflammatory and Nociception Process in Rats. ISRN Pharmacology, 2011, 2011, 1-6.	1.6	58
216	Phenolic Compounds and Biological Activity ofKitaibelia vitifolia. Journal of Medicinal Food, 2011, 14, 1617-1623.	0.8	13
217	Antioxidant and Antimicrobial Activities of Cinnamic Acid Derivatives. Mini-Reviews in Medicinal Chemistry, 2012, 12, 749-767.	1.1	389
218	Development of Polyphenols as HIV-1 Integrase Inhibitors: a Summary and Perspective. Current Medicinal Chemistry, 2012, 19, 5536-5561.	1.2	15
219	Comparative study of rosmarinic acid content in some plants of Labiatae family. Pharmacognosy Magazine, 2012, 8, 37.	0.3	175
220	Development of a Phenol-Enriched Olive Oil with Both Its Own Phenolic Compounds and Complementary Phenols from Thyme. Journal of Agricultural and Food Chemistry, 2012, 60, 3105-3112.	2.4	56
221	Bioassay-guided fractionation of a thymol-deprived hydrophilic thyme extract and its antispasmodic effect. Journal of Ethnopharmacology, 2012, 141, 848-853.	2.0	32
222	Ocimum gratissimum Linn. and rosmarinic acid, attenuate eosinophilic airway inflammation in an experimental model of respiratory allergy to Blomia tropicalis. International Immunopharmacology, 2012, 13, 126-134.	1.7	52

#	Article	IF	Citations
223	Rosmarinic acid as a protective agent against genotoxicity of ethanol in mice. Food and Chemical Toxicology, 2012, 50, 1208-1214.	1.8	47
224	Thymus lotocephalus wild plants and in vitro cultures produce different profiles of phenolic compounds with antioxidant activity. Food Chemistry, 2012, 135, 1253-1260.	4.2	73
225	Rosmarinic acid and its derivatives: biotechnology and applications. Critical Reviews in Biotechnology, 2012, 32, 203-217.	5.1	125
226	Phytochemical screening and evaluation of cardioprotective activity of ethanolic extract of Ocimum basilicum L. (basil) against isoproterenol induced myocardial infarction in rats. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 87.	0.9	58
227	Phenolic acid contents, essential oil compositions and antioxidant activities of two varieties ofSalvia euphraticafrom Turkey. Natural Product Research, 2012, 26, 1848-1851.	1.0	12
228	Lavender. , 2012, , 363-369.		0
229	Inhibitory Effects of Rosemary Oil on the In Vitro Growth of Six Common Finfish Pathogens. North American Journal of Aquaculture, 2012, 74, 230-234.	0.7	6
231	Rosmarinic Acid Content in Antidiabetic Aqueous Extract of Ocimum canum Sims Grown in Ghana. Journal of Medicinal Food, 2012, 15, 611-620.	0.8	15
232	Validation of determination of plasma metabolites derived from thyme bioactive compounds by improved liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 905, 75-84.	1.2	35
233	Protective effect of Heliotropium foertherianum (Boraginaceae) folk remedy and its active compound, rosmarinic acid, against a Pacific ciguatoxin. Journal of Ethnopharmacology, 2012, 143, 33-40.	2.0	43
234	Accumulation of rosmarinic, chlorogenic and caffeic acids in in vitro cultures of Eryngium planum L.. Acta Physiologiae Plantarum, 2012, 34, 2425-2433.	1.0	58
235	LC-MS QUANTIFICATION OF ROSMARINIC ACID AND URSOLIC ACID IN THEOCIMUM SANCTUMLINN. LEAF EXTRACT (HOLY BASIL, TULSI). Journal of Liquid Chromatography and Related Technologies, 2012, 35, 634-650.	0.5	32
236	Anti-tumor activity of the methanolic extracts of Salvia menthifolia. Revista Brasileira De Farmacognosia, 2012, 22, 381-387.	0.6	7
237	Efficient Preparation of Hangekobokuto (Banxia-Houpo-Tang) Decoction by Adding Perilla Herb before Decoction is Finished. Natural Product Communications, 2012, 7, 1934578X1200701.	0.2	3
238	Active constituents of some Satureja L. species and their biological activities. African Journal of Microbiology Research, 2012, 6, .	0.4	3
239	The Effect of Lactobacillus plantarum ATCC 8014 and Lactobacillus acidophilus NCFM Fermentation on Antioxidant Properties of Selected in Vitro Sprout Culture of Orthosiphon aristatus (Java Tea) as a Model Study. Antioxidants, 2012, 1, 4-32.	2.2	11
240	Mediterranean Wild Plants As Useful Sources of Potential Natural Food Additives. ACS Symposium Series, 2012, , 209-235.	0.5	3
241	Dietary intake of rosmarinic acid by Apc^{Min} mice, a model of colorectal carcinogenesis: levels of parent agent in the target tissue and effect on adenoma development. Molecular Nutrition and Food Research, 2012, 56, 775-783.	1.5	13

#	Article	IF	Citations
242	Accumulation of Tilianin and Rosmarinic Acid and Expression of Phenylpropanoid Biosynthetic Genes in Agastache rugosa. Journal of Agricultural and Food Chemistry, 2012, 60, 5945-5951.	2.4	65
243	Hydroxycinnamate Conjugates as Potential Monolignol Replacements: Inâ€…vitro Lignification and Cell Wall Studies with Rosmarinic Acid. ChemSusChem, 2012, 5, 676-686.	3.6	54
244	An integrated analysis of the rosmarinic acid-biosynthetic genes to uncover the regulation of rosmarinic acid pathway in Salvia miltiorrhiza. Acta Physiologiae Plantarum, 2012, 34, 1501-1511.	1.0	13
245	Neurorescue Effect of Rosmarinic Acid on 6-Hydroxydopamine-Lesioned Nigral Dopamine Neurons in Rat Model of Parkinson's Disease. Journal of Molecular Neuroscience, 2012, 47, 113-119.	1.1	59
246	Crucial aspects of high performance thin layer chromatography quantitative validation. The case of determination of rosmarinic acid in different matrices. Journal of Chromatography A, 2012, 1220, 156-161.	1.8	15
247	Antioxidant activity and rosmarinic acid changes in salicylic acid-treated Thymus membranaceus shoots. Food Chemistry, 2012, 130, 362-369.	4.2	71
248	Macroporous resin purification behavior of phenolics and rosmarinic acid from Rabdosia serra (MAXIM.) HARA leaf. Food Chemistry, 2012, 130, 417-424.	4.2	99
249	Isolation and identification of ent-kaurane-type diterpenoids from Rabdosia serra (MAXIM.) HARA leaf and their inhibitory activities against HepG-2, MCF-7, and HL-60 cell lines. Food Chemistry, 2012, 131, 1009-1014.	4.2	21
250	Antioxidation mechanism of rosmarinic acid, identification of an unstable quinone derivative by the addition of odourless thiol. Food Chemistry, 2012, 132, 901-906.	4.2	35
251	Monitoring the enrichment of virgin olive oil with natural antioxidants by using a new capillary electrophoresis method. Food Chemistry, 2012, 133, 497-504.	4.2	19
252	Inverse Virtual Screening allows the discovery of the biological activity of natural compounds. Bioorganic and Medicinal Chemistry, 2012, 20, 3596-3602.	1.4	56
253	In vitro antioxidant and antiproliferative activity of three rosemary (Rosmarinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 47, 2052-2062.	1.3	35
254	Biological activities of phenolic compounds and ethanolic extract of Halacsya sendtneri (Boiss) DÅ‘rfler. Open Life Sciences, 2012, 7, 327-333.	0.6	5
255	Exudation: an expanding technique for continuous production and release of secondary metabolites from plant cell suspension and hairy root cultures. Plant Cell Reports, 2012, 31, 461-477.	2.8	136
256	The effects of jasmonic acid and methyl jasmonate on rosmarinic acid production in MenthaÂÃ—Âpiperita cell suspension cultures. Plant Cell, Tissue and Organ Culture, 2012, 108, 73-81.	1.2	114
257	Monitoring of Rosmarinic Acid Accumulation in Sage Cell Cultures using Laccase Biosensor. Phytochemical Analysis, 2013, 24, 53-58.	1.2	10
258	PROOXIDANT AND ANTIOXIDANT ACTIVITIES OF ROSMARINIC ACID. Journal of Food Biochemistry, 2013, 37, 396-408.	1.2	35
259	Molecular cloning of SoHPPR encoding a hydroxyphenylpyruvate reductase, and its expression in cell suspension cultures of Salvia officinalis. Plant Cell, Tissue and Organ Culture, 2013, 114, 131-138.	1.2	18

#	Article	IF	Citations
260	Development and Validation Method for Simultaneous Quantification of Phenolic Compounds in Natural Extracts and Nanosystems. Phytochemical Analysis, 2013, 24, 638-644.	1.2	19
261	Metabolic profiling and enhanced production of phytosterols by elicitation with methyl jasmonate and silver nitrate in whole plant cultures of Lemna paucicostata. Process Biochemistry, 2013, 48, 1581-1586.	1.8	17
262	Molecular cloning and overexpression of the tyrosine aminotransferase (TAT) gene leads to increased rosmarinic acid yield in Perilla frutescens. Plant Cell, Tissue and Organ Culture, 2013, 115, 69-83.	1.2	18
263	The effect of tea fermentation on rosmarinic acid and antioxidant properties using selected in vitro sprout culture of Orthosiphon aristatus as a model study. SpringerPlus, 2013, 2, 167.	1.2	15
264	In vivoanalgesic and anti-inflammatory activities ofRosmarinus officinalisaqueous extracts, rosmarinic acid and its acetyl ester derivative. Pharmaceutical Biology, 2013, 51, 1087-1090.	1.3	56
265	Algicidal effects of Zostera marina L. and Zostera noltii Hornem. extracts on the neuro-toxic bloom-forming dinoflagellate Alexandrium catenella. Aquatic Botany, 2013, 111, 16-25.	0.8	44
266	Elicitor-induced rosmarinic acid accumulation and secondary metabolism enzyme activities in Solenostemon scutellarioides. Acta Physiologiae Plantarum, 2013, 35, 1473-1481.	1.0	33
267	Influence of rosmarinic acid and Salvia officinalis extracts on melanogenesis of B16F10 cells. Revista Brasileira De Farmacognosia, 2013, 23, 249-258.	0.6	22
268	Metabolic pools of phenolic acids in Salvia miltiorrhiza are enhanced by co-expression of Antirrhinum majus Delila and Rosea1 transcription factors. Biochemical Engineering Journal, 2013, 74, 115-120.	1.8	31
269	In vitro studies of Î±-glucosidase inhibitors and antiradical constituents of Glandora diffusa (Lag.) D.C. Thomas infusion. Food Chemistry, 2013, 136, 1390-1398.	4.2	17
270	Solvent extraction and purification of rosmarinic acid from supercritical fluid extraction fractionation waste: Economic evaluation and scale-up. Journal of Supercritical Fluids, 2013, 83, 133-145.	1.6	36
271	Simultaneous determination of five phenolic components and paeoniflorin in rat plasma by liquid chromatographyâ€"tandem mass spectrometry and pharmacokinetic study after oral administration of Cerebralcare granuleÂ®. Journal of Pharmaceutical and Biomedical Analysis, 2013, 86, 82-91.	1.4	47
272	Study of antioxidant and membrane activity of rosmarinic acid using different model systems. Biophysics (Russian Federation), 2013, 58, 607-615.	0.2	15
273	Antibacterial activity-guided purification and identification of a novel C-20 oxygenated ent-kaurane from Rabdosia serra (MAXIM.) HARA. Food Chemistry, 2013, 139, 902-909.	4.2	14
274	Effects of blanching on polyphenol stability of innovative paste-like parsley (Petroselinum crispum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1648-1656.	4.2	53
275	Hyptis verticillata Jacq: A review of its traditional uses, phytochemistry, pharmacology and toxicology. Journal of Ethnopharmacology, 2013, 147, 16-41.	2.0	30
276	Use of the Combination Index to determine interactions between plant-derived phenolic acids on hepatotoxicity endpoints in human and rat hepatoma cells. Phytomedicine, 2013, 20, 461-468.	2.3	15
277	Antioxidant therapy: Still in search of the â€˜magic bulletâ€™. Mitochondrion, 2013, 13, 427-435.	1.6	49

#	Article	IF	Citations
278	Phenolic acid and DNA contents of micropropagated Eryngium planum L.. Plant Cell, Tissue and Organ Culture, 2013, 114, 197-206.	1.2	53
279	Rosmarinic acid: new aspects. Phytochemistry Reviews, 2013, 12, 207-227.	3.1	171
280	Direct Determination of Rosmarinic Acid in Lamiaceae Herbs Using Diffuse Reflectance Infrared Fourier Transform Spectroscopy (DRIFTS) and Chemometrics. Journal of Agricultural and Food Chemistry, 2013, 61, 3235-3241.	2.4	26
281	Arbuscular mycorrhizal symbiosis and active ingredients of medicinal plants: current research status and prospectives. Mycorrhiza, 2013, 23, 253-265.	1.3	118
282	Recent Advances in Biologically Active Compounds in Herbs and Spices: A Review of the Most Effective Antioxidant and Anti-Inflammatory Active Principles. Critical Reviews in Food Science and Nutrition, 2013, 53, 943-953.	5.4	225
283	Cytotoxic impact of phenolics from Lamiaceae species on human breast cancer cells. Food Chemistry, 2013, 141, 1313-1321.	4.2	92
284	The effect of rosmarinic acid on 1,2-dimethylhydrazine induced colon carcinogenesis. Experimental and Toxicologic Pathology, 2013, 65, 409-418.	2.1	68
285	Phenolic profiles of cultivated, in vitro cultured and commercial samples of Melissa officinalis L. infusions. Food Chemistry, 2013, 136, 1-8.	4.2	172
286	Metabolic profile and biological activities of Lavandula pedunculata subsp. lusitanica (Chaytor) Franco: Studies on the essential oil and polar extracts. Food Chemistry, 2013, 141, 2501-2506.	4.2	45
287	Antioxidant activity profiling by spectrophotometric methods of phenolic extract of Prasium majus L. Free Radicals and Antioxidants, 2013, 3, 43-46.	0.2	6
288	Deodorization by instant controlled pressure drop autovaporization of rosemary leaves prior to solvent extraction of antioxidants. LWT - Food Science and Technology, 2013, 51, 111-119.	2.5	33
289	Comparative Study on Rosmarinic Acid Separation by Reactive Extraction with Amberlite LA-2 and D2EHPA. 1. Interfacial Reaction Mechanism and Influencing Factors. Industrial & Engineering Chemistry Research, 2013, 52, 13785-13794.	1.8	10
290	Diabetic nephropathy and antioxidants. Journal of Nephropathology, 2013, 2, 20-27.	0.1	130
291	The economic potential of beach-cast seagrass â€“ Cymodocea nodosa: a promising renewable source of chicoric acid. Botanica Marina, 2013, 56, 303-311.	0.6	20
292	Chemical Evidence for Potent Xanthine Oxidase Inhibitory Activity of Glechoma hederacea var. grandis Leaves (Kakidoushi-Cha). Journal of Nutritional Science and Vitaminology, 2013, 59, 570-575.	0.2	8
293	Natural Products as Promising Drug Candidates for the Treatment of Alzheimerâ€™s Disease: Molecular Mechanism Aspect. Current Neuropharmacology, 2013, 11, 414-429.	1.4	100
294	Chicoric acid: chemistry, distribution, and production. Frontiers in Chemistry, 2013, 1, 40.	1.8	112
295	HPLC Analysis of Phenolics Compounds and Antioxidant Capacity of Leaves of Vitex megapotamica (Sprengel) Moldenke. Molecules, 2013, 18, 8342-8357.	1.7	30

#	Article	IF	Citations
296	Nephroprotective and anti-inflammatory effects of aqueous extract of Melissa officinalis L. on acetaminophen-induced and pleurisy-induced lesions in rats. Brazilian Archives of Biology and Technology, 2013, 56, 383-392.	0.5	7
297	Antioxidative / Acetylcholinesterase Inhibitory Activity of Some Asteraceae Plants. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	8
298	The functions of healthful teas utilized by the residents in Shikoku area, Part I.. Journal for the Integrated Study of Dietary Habits, 2013, 24, 11-20.	0.0	3
299	Anti-Plasmodial Polyvalent Interactions in Artemisia annua L. Aqueous Extract â€“ Possible Synergistic and Resistance Mechanisms. PLoS ONE, 2013, 8, e80790.	1.1	70
300	Does rosmarinic acid underestimate as an experimental cardiovascular drug?. Acta Cirurgica Brasileira, 2013, 28, 83-87.	0.3	23
301	Evaluation of Antioxidant Properties and Phenolic Composition of Fruit Tea Infusions. Antioxidants, 2013, 2, 206-215.	2.2	12
302	Influence of the Bioclimatic Area on the Polyphenolic Composition, and Antioxidant and Bacteriostatic Activities of Rosmarinus officinalis. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	4
303	Rosmarinic Acid, a New Polyphenol from Baccaurea ramiflora Lour. Leaf: A Probable Compound for Its Anti-Inflammatory Activity. Antioxidants, 2014, 3, 830-842.	2.2	30
304	Bioactive Metabolites from Cnidoscolus souzae and Acmella pilosa. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	4
305	Molecular Cloning and Characterization of Tyrosine Aminotransferase and Hydroxyphenylpyruvate Reductase, and Rosmarinic Acid Accumulation in Scutellaria baicalensis. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	7
306	In vitro culture of sweet basil: gas exchanges, growth, and rosmarinic acid production. Biologia Plantarum, 2014, 58, 601-610.	1.9	17
307	The Lack of Effectiveness of Rosemary Oil on Fish Feed in Controlling Bacterial Cold-Water Disease in Rainbow Trout. North American Journal of Aquaculture, 2014, 76, 359-363.	0.7	2
308	Spaceflight Environment-Induced Variation in Root Yield and Active Constituents of Salvia miltiorrhiza. Planta Medica, 2014, 80, 1029-1035.	0.7	15
309	The Modulatory Effect of Ellagic Acid and Rosmarinic Acid on Ultraviolet-B-Induced Cytokine/Chemokine Gene Expression in Skin Keratinocyte (HaCaT) Cells. BioMed Research International, 2014, 2014, 1-8.	0.9	58
310	Selective herbivory by an invasive cyprinid, the rudd <scp>S</scp>cardinius erythrophthalmus. Freshwater Biology, 2014, 59, 2315-2327.	1.2	19
311	Lithospermum erythrorhizonExtract Protects Keratinocytes and Fibroblasts Against Oxidative Stress. Journal of Medicinal Food, 2014, 17, 1189-1196.	0.8	28
312	Rosmarinic acid prevents lipid peroxidation and increase in acetylcholinesterase activity in brain of streptozotocinâ€induced diabetic rats. Cell Biochemistry and Function, 2014, 32, 287-293.	1.4	54
313	Protective Effects of Rosmarinic Acid on Doxorubicin-Induced Testicular Damage. Chemotherapy, 2014, 60, 7-12.	0.8	8

#	Article	IF	Citations
314	APE1/Ref-1 as an emerging therapeutic target for various human diseases: phytochemical modulation of its functions. Experimental and Molecular Medicine, 2014, 46, e106-e106.	3.2	126
315	Isolation of Major Phenolic Compounds from the Extracts of Prunella â€...L. Species Grown in Turkey and Their Antioxidant and Cytotoxic Activities. Journal of Food Biochemistry, 2014, 38, 248-257.	1.2	8
316	Nephroprotective activities of rosmarinic acid against cisplatin-induced kidney injury in mice. Food and Chemical Toxicology, 2014, 66, 321-328.	1.8	76
317	Effect and mechanism of endophytic bacteria on growth and secondary metabolite synthesis in Salvia miltiorrhiza hairy roots. Acta Physiologiae Plantarum, 2014, 36, 1095-1105.	1.0	30
318	How do background ozone concentrations affect the biosynthesis of rosmarinic acid in Melissa officinalis?. Journal of Plant Physiology, 2014, 171, 35-41.	1.6	21
319	Simultaneous separation of apigenin, luteolin and rosmarinic acid from the aerial parts of the copper-tolerant plant Elsholtzia splendens. Environmental Science and Pollution Research, 2014, 21, 8124-8132.	2.7	17
320	Selective responses of enzymes in the two parallel pathways of rosmarinic acid biosynthetic pathway to elicitors in Salvia miltiorrhiza hairy root cultures. Journal of Bioscience and Bioengineering, 2014, 117, 645-651.	1.1	79
321	Fast screening of the main phenolic acids with antioxidant properties in common spices using on-line HPLC/UV/DPPH radical scavenging assay. Analytical Methods, 2014, 6, 2774.	1.3	35
322	Transcriptional data mining of Salvia miltiorrhiza in response to methyl jasmonate to examine the mechanism of bioactive compound biosynthesis and regulation. Physiologia Plantarum, 2014, 152, 241-255.	2.6	86
323	Rosmarinic acid, a polyphenol, ameliorates hyperglycemia by regulating the key enzymes of carbohydrate metabolism in high fat diet â€" STZ induced experimental diabetes mellitus. Biomedicine and Preventive Nutrition, 2014, 4, 431-437.	0.9	40
325	Antiviral potential of Bulgarian medicinal plants. Phytochemistry Reviews, 2014, 13, 525-538.	3.1	21
326	Antimicrobial Mechanism and Activity of Dodecyl Rosmarinate against Staphylococcus carnosus LTH1502 as Influenced by Addition of Salt and Change in pH. Journal of Food Protection, 2014, 77, 444-452.	0.8	15
327	Chemical constituents of Plectranthus amboinicus and the synthetic analogs possessing anti-inflammatory activity. Bioorganic and Medicinal Chemistry, 2014, 22, 1766-1772.	1.4	50
328	Green extraction processes of natural products as tools for biorefinery. Biofuels, Bioproducts and Biorefining, 2014, 8, 530-544.	1.9	277
329	Total Hydroxycinnamic Acids Assay: Prevalidation and Application on Lamiaceae Species. Food Analytical Methods, 2014, 7, 326-336.	1.3	27
330	DIC Texturing for Solvent Extraction. Food Engineering Series, 2014, , 127-149.	0.3	2
331	Stabilization of Sunflower Oil During Accelerated Storage: Use of Basil Extract as a Potential Alternative to Synthetic Antioxidants. International Journal of Food Properties, 2014, 17, 1547-1559.	1.3	18
333	Antioxidant activity of carnosic acid and rosmarinic acid in raw and cooked ground chicken patties. Journal of the Science of Food and Agriculture, 2014, 94, 273-279.	1.7	25

#	Article	IF	Citations
334	Rosmarinic acid attenuates hepatic ischemia and reperfusion injury in rats. Food and Chemical Toxicology, 2014, 74, 270-278.	1.8	37
335	Construction of a Chimeric Biosynthetic Pathway for the De Novo Biosynthesis of Rosmarinic Acid in Escherichia coli. ChemBioChem, 2014, 15, 2393-2401.	1.3	33
336	High-Rosmarinic Acid Spearmint Tea in the Management of Knee Osteoarthritis Symptoms. Journal of Medicinal Food, 2014, 17, 1361-1367.	0.8	39
337	Simultaneous Quantitative Determination of Six Active Components in Traditional Chinese Medicinal Preparation Cerebralcare Granule(R) by RP-HPLC Coupled with Diode Array Detection for Quality Control. Journal of Chromatographic Science, 2014, 52, 814-817.	0.7	3
338	Salviprzols A and B, C21- and C22-terpenoids from the roots of Salvia przewalskii Maxim. FÃ¬toterapÃ¬Ã¢, 2014, 99, 204-210.	1.1	12
339	A Novelin VitroWhole Plant System for Analysis of Polyphenolics and Their Antioxidant Potential in Cultivars ofOcimum basilicum. Journal of Agricultural and Food Chemistry, 2014, 62, 10064-10075.	2.4	33
340	Extraction, antioxidant and antilisterial activities of polysaccharides from the flower of viper's bugloss. International Journal of Biological Macromolecules, 2014, 69, 523-531.	3.6	14
341	SIMULTANEOUS DETERMINATION OF ROSMARINIC ACID, SALVIANOLIC ACID B AND CAFFEIC ACID IN SALVIA LERIIFOLIA BENTH. ROOT, LEAF AND CALLUS EXTRACTS USING A HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY WITH DIODE-ARRAY DETECTION TECHNIQUE. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1721-1730.	0.5	20
342	Rosmarinic acid improves function and in vitro fertilising ability of boar sperm after cryopreservation. Cryobiology, 2014, 69, 157-162.	0.3	41
343	Essential oil characterization of Satureja rechingeri in Iran. Industrial Crops and Products, 2014, 61, 403-409.	2.5	43
344	Dietary regulation of PI3K/AKT/GSK-3Î² pathway in Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2014, 6, 35.	3.0	148
345	Supplemental Substances Derived from Foods as Adjunctive Therapeutic Agents for Treatment of Neurodegenerative Diseases and Disorders. Advances in Nutrition, 2014, 5, 394-403.	2.9	50
346	New trends in biotechnological production of rosmarinic acid. Biotechnology Letters, 2014, 36, 2393-2406.	1.1	43
347	The Effect of Nutritional Factors and Plant Growth Regulators on Micropropagation and Production of Phenolic Acids and Saponins from Plantlets and Adventitious Root Cultures of Eryngium maritimum L.. Journal of Plant Growth Regulation, 2014, 33, 809-819.	2.8	46
348	Synthesis of 1-O-Methylchlorogenic Acid: Reassignment of Structure for MCGA3 Isolated from Bamboo (Phyllostachys edulis) Leaves. Journal of Agricultural and Food Chemistry, 2014, 62, 1860-1865.	2.4	2
349	How sensitive is Melissa officinalis to realistic ozone concentrations?. Plant Physiology and Biochemistry, 2014, 74, 156-164.	2.8	33
350	Phenolic constituents from Isodon lophanthoides var. graciliflorus and their antioxidant and antibacterial activities. Journal of Functional Foods, 2014, 6, 492-498.	1.6	28
351	Multifunctional tunable p(inulin) microgels. Materials Science and Engineering C, 2014, 40, 366-372.	3.8	21

#	Article	IF	Citations
352	Acetylcholinesterase Inhibitory, Antioxidant and Phytochemical Properties of Selected Medicinal Plants of the Lamiaceae Family. Molecules, 2014, 19, 767-782.	1.7	152
353	Molecular Cloning and Characterization of Genes Involved in Rosmarinic Acid Biosynthesis from <i>Prunella vulgaris</i>. Biological and Pharmaceutical Bulletin, 2014, 37, 1221-1227.	0.6	19
355	Evaluation of content of phenolics in Salvia species cultivated in South Moravian Region / Hodnotenie obsahu fenolov vo vybranÃ½ch druhoch rodu Salvia L. pestovanÃ½ch v Juhomoravskom kraji. Acta Facultatis Pharmaceuticae Universitatis Comenianae, 2015, 62, 18-22.	0.2	1
356	The Effect of Rosmarinic Acid on Immunological and Neurological Systems: A Basic Science and Clinical Review. Journal of Restorative Medicine, 2015, 4, 50-59.	0.7	18
359	The effect of inoculation with mycorrhiza: AM on growth, phenolics, tannins, phenolic composition and antioxidant activity in Valeriana jatamansi Jones. Journal of Soil Science and Plant Nutrition, 2015, , 0-0.	1.7	14
360	Rosmarinic Acid Alleviates Neurological Symptoms in the G93A-SOD1 Transgenic Mouse Model of Amyotrophic Lateral Sclerosis. Experimental Neurobiology, 2015, 24, 341-350.	0.7	16
361	Methyl jasmonate, yeast extract and sucrose stimulate phenolic acids accumulation in Eryngium planum L. shoot cultures. Acta Biochimica Polonica, 2015, 62, 197-200.	0.3	24
362	Rosmarinic Acid Inhibits Cell Growth and Migration in Head and Neck Squamous Cell Carcinoma Cell Lines by Attenuating Epidermal Growth Factor Receptor Signaling. Journal of Cancer Science & Therapy, 2015, 7, .	1.7	8
363	Anxiolytic properties of Melissa officinalis and associated mechanisms of action: A review of the literature. African Journal of Pharmacy and Pharmacology, 2015, 9, 53-59.	0.2	6
364	Pharmacokinetics, Safety and Tolerability of Melissa officinalis Extract which Contained Rosmarinic Acid in Healthy Individuals: A Randomized Controlled Trial. PLoS ONE, 2015, 10, e0126422.	1.1	70
365	Implication of Caspase-3 as a Common Therapeutic Target for Multineurodegenerative Disorders and Its Inhibition Using Nonpeptidyl Natural Compounds. BioMed Research International, 2015, 2015, 1-9.	0.9	53
366	Chemical Composition and Seasonality of Aromatic Mediterranean Plant Species by NMR-Based Metabolomics. Journal of Analytical Methods in Chemistry, 2015, 2015, 1-9.	0.7	33
367	Orally administered extract fromPrunella vulgarisattenuates spontaneous colitis in mdr1a^{-/-}mice. World Journal of Gastrointestinal Pharmacology and Therapeutics, 2015, 6, 223.	0.6	9
368	Melissa officinalis L. decoctions as functional beverages: a bioactive approach and chemical characterization. Food and Function, 2015, 6, 2240-2248.	2.1	50
369	Evaluation of Antidiabetic and Antihyperlipidemic Effects of Hydroalcoholic Extract of Leaves of Ocimum tenuiflorum (Lamiaceae) and Prediction of Biological Activity of its Phytoconstituents. Pharmacognosy Research (discontinued), 2015, 7, 156.	0.3	30
370	Onosma aucheriana: A source of biologically active molecules for novel food ingredients and pharmaceuticals. Journal of Functional Foods, 2015, 19, 479-486.	1.6	34
371	Natural extracts into chitosan nanocarriers for rosmarinic acid drug delivery. Pharmaceutical Biology, 2015, 53, 642-652.	1.3	61
372	Epigallocatechin gallate, ellagic acid, and rosmarinic acid perturb dNTP pools and inhibit de novo DNA synthesis and proliferation of human HL-60 promyelocytic leukemia cells: Synergism with arabinofuranosylcytosine. Phytomedicine, 2015, 22, 213-222.	2.3	32

#	Article	IF	Citations
373	Antiepileptogenic, antioxidant and genotoxic evaluation of rosmarinic acid and its metabolite caffeic acid in mice. Life Sciences, 2015, 122, 65-71.	2.0	66
374	Rosmarinic Acid Levels, Phenolic Contents, Antioxidant and Antimicrobial Activities of the Extracts from S alvia verbenaca â€...L. Obtained with Different Solvents and Procedures. Journal of Food Biochemistry, 2015, 39, 199-208.	1.2	17
375	Plant-Growth-Promoting Rhizobacteria (PGPR) and Medicinal Plants. Soil Biology, 2015, , .	0.6	24
376	Polyphenolic Composition and Antioxidative Properties of Lemon Balm (Melissa officinalisL.) Extract Affected by Different Brewing Processes. International Journal of Food Properties, 2015, 18, 2009-2014.	1.3	24
377	Melissa officinalis extract induces apoptosis and inhibits proliferation in colon cancer cells through formation of reactive oxygen species. Phytomedicine, 2015, 22, 262-270.	2.3	56
378	Identification and Quantification of Adducts between Oxidized Rosmarinic Acid and Thiol Compounds by UHPLC-LTQ-Orbitrap and MALDI-TOF/TOF Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2015, 63, 902-911.	2.4	47
379	Production and applications of rosmarinic acid and structurally related compounds. Applied Microbiology and Biotechnology, 2015, 99, 2083-2092.	1.7	110
380	Calcium Mobilization in Salicylic Acid-Induced Salvia miltiorrhiza Cell Cultures and Its Effect on the Accumulation of Rosmarinic Acid. Applied Biochemistry and Biotechnology, 2015, 175, 2689-2702.	1.4	21
381	Rosmarinic acid modulates the antioxidant status and protects pancreatic tissues from glucolipotoxicity mediated oxidative stress in high-fat diet: streptozotocin-induced diabetic rats.. Molecular and Cellular Biochemistry, 2015, 404, 143-159.	1.4	83
382	Systemic Induction of Secondary Metabolite Biosynthesis in Medicinal Aromatic Plants Mediated by Rhizobacteria. Soil Biology, 2015, , 263-285.	0.6	6
383	Postdistillation waste material of thyme (Thymus vulgaris L., Lamiaceae) as a potential source of biologically active compounds. Industrial Crops and Products, 2015, 74, 457-464.	2.5	44
384	Advances in phenolic compounds analysis of aromatic plants and their potential applications. Trends in Food Science and Technology, 2015, 45, 336-354.	7.8	164
385	Therapeutic and Nutraceutical Potential of Rosmarinic Acid - Cytoprotective Properties and Pharmacokinetic Profile. Critical Reviews in Food Science and Nutrition, 2017, 57, 00-00.	5.4	65
386	Ecophysiological and antioxidant traits of Salvia officinalis under ozone stress. Environmental Science and Pollution Research, 2015, 22, 13083-13093.	2.7	36
387	Anchor-based classification and type-C inhibitors for tyrosine kinases. Scientific Reports, 2015, 5, 10938.	1.6	11
388	Rosmarinic acid exerts a neuroprotective effect in the kainate rat model of temporal lobe epilepsy: Underlying mechanisms. Pharmaceutical Biology, 2015, 53, 1818-1825.	1.3	56
389	Boron accumulation and tolerance in sweet basil (Ocimum basilicum L.) with green or purple leaves. Plant and Soil, 2015, 395, 375-389.	1.8	31
390	Separation of rosmarinic acid by facilitated pertraction. Food and Bioproducts Processing, 2015, 94, 621-628.	1.8	2

#	Article	IF	Citations
391	Expression profiles of rosmarinic acid biosynthesis genes in two Salvia miltiorrhiza lines with differing water-soluble phenolic contents. Industrial Crops and Products, 2015, 71, 24-30.	2.5	22
392	Essential oils and distilled straws of lavender and lavandin: a review of current use and potential application in white biotechnology. Applied Microbiology and Biotechnology, 2015, 99, 3375-3385.	1.7	132
393	Nutritional evaluation and functional properties of traditional composite salad dishes. LWT - Food Science and Technology, 2015, 62, 775-782.	2.5	6
394	Variability of total phenolic, flavonoid and rosmarinic acid content among Iranian basil accessions. LWT - Food Science and Technology, 2015, 63, 535-540.	2.5	31
395	Expression Analysis of Phenylalanine Ammonia Lyase Gene and Rosmarinic Acid Production in Salvia officinalis and Salvia virgata Shoots Under Salicylic Acid Elicitation. Applied Biochemistry and Biotechnology, 2015, 176, 1846-1858.	1.4	37
396	Multi-walled carbon nanotubes stimulate callus induction, secondary metabolites biosynthesis and antioxidant capacity in medicinal plant Satureja khuzestanica grown in vitro. Carbon, 2015, 94, 749-759.	5.4	168
397	Rosmarinic acid exerts an antiosteoporotic effect in the RANKL-induced mouse model of bone loss by promotion of osteoblastic differentiation and inhibition of osteoclastic differentiation. Molecular Nutrition and Food Research, 2015, 59, 386-400.	1.5	25
398	Voltammetric Determination of Rosmarinic Acid on Chitosan/Carbon Nanotube Composite-Modified Carbon Paste Electrode Covered with DNA. Journal of the Electrochemical Society, 2015, 162, B344-B349.	1.3	20
399	Protective effect of rosmarinic acid against oxidative stress biomarkers in liver and kidney of strepotozotocin-induced diabetic rats. Journal of Physiology and Biochemistry, 2015, 71, 743-751.	1.3	51
400	Phenylpropanoids from Paspalum atratum (Poaceae). Biochemical Systematics and Ecology, 2015, 63, 68-71.	0.6	1
401	Genome-wide identification of phenolic acid biosynthetic genes in Salvia miltiorrhiza. Planta, 2015, 241, 711-725.	1.6	77
402	Antimutagenic and genoprotective effects of Saraca asoca bark extract. Toxicology and Industrial Health, 2015, 31, 696-703.	0.6	14
403	Rosmarinic acid potentiates ATRA-induced macrophage differentiation in acute promyelocytic leukemia NB4 cells. European Journal of Pharmacology, 2015, 747, 36-44.	1.7	28
404	Lipophilic modification enhances anti-colitic properties of rosmarinic acid by potentiating its HIF-prolyl hydroxylases inhibitory activity. European Journal of Pharmacology, 2015, 747, 114-122.	1.7	14
405	Ameliorative effect of rosmarinic acid on scopolamine-induced memory impairment in rats. Neuroscience Letters, 2015, 585, 23-27.	1.0	37
406	Phytochemical screening, anticancer and antioxidant activities of Origanum vulgare L. ssp. viride (Boiss.) Hayek, a plant of traditional usage. Journal of the Science of Food and Agriculture, 2015, 95, 786-798.	1.7	74
407	Ozone-elicited secondary metabolites in shoot cultures of Melissa officinalis L.. Plant Cell, Tissue and Organ Culture, 2015, 120, 617-629.	1.2	56
408	Determination of Shikonin and Rosmarinic Acid in Echium vulgare L. and Echium russicum J.F. Gmel. by Capillary Electrophoresis. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 698-701.	0.5	29

#	Article	IF	Citations
409	Comparison of Soxhlet, Accelerated Solvent and Supercritical Fluid Extraction Techniques for Volatile (GCâ€"MS and GC/FID) and Phenolic Compounds (HPLCâ€"ESI/MS/MS) from Lamiaceae Species. Phytochemical Analysis, 2015, 26, 61-71.	1.2	49
410	The effects of plant growth regulators and l-phenylalanine on phenolic compounds of sweet basil. Food Chemistry, 2015, 166, 515-521.	4.2	62
411	Antioxidant Activity of Oral Administration of Rosmarinus Officinalis Leaves Extract on Rat's Hippocampus which Exposed to 6-Hydroxydopamine. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	6
412	Stability of Rosmarinic Acid in Aqueous Extracts from Different Lamiaceae Species after in vitro Digestion with Human Gastrointestinal Enzymes. Food Technology and Biotechnology, 2016, 54, 97-102.	0.9	24
413	Plant-Derived Agents for Counteracting Cisplatin-Induced Nephrotoxicity. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-27.	1.9	46
414	Rosmarinic acid ameliorates hyperglycemia and insulin sensitivity in diabetic rats, potentially by modulating the expression of PEPCK and GLUT4. Drug Design, Development and Therapy, 2016, Volume 10, 2193-2202.	2.0	78
415	Optimization of ultrasound-assisted extraction of phenolic compounds, antioxidants and rosmarinic acid from perilla leaves using response surface methodology. Food Science and Technology, 2016, 36, 686-693.	0.8	33
416	Safety profile of solid lipid nanoparticles loaded with rosmarinic acid for oral use: in vitro and animal approaches. International Journal of Nanomedicine, 2016, Volume 11, 3621-3640.	3.3	48
417	Phenols and Polyphenols as Carbonic Anhydrase Inhibitors. Molecules, 2016, 21, 1649.	1.7	68
418	The Search for Herbal Antibiotics: An In-Silico Investigation of Antibacterial Phytochemicals. Antibiotics, 2016, 5, 30.	1.5	45
419	Phenolic and Volatile Composition of a Dry Spearmint (Mentha spicata L.) Extract. Molecules, 2016, 21, 1007.	1.7	95
420	Cancer Prevention and Health Benefices of Traditionally Consumed Borago officinalis Plants. Nutrients, 2016, 8, 48.	1.7	20
421	Prunella vulgaris L. hairy roots: Culture, growth, and elicitation by ethephon and salicylic acid. Engineering in Life Sciences, 2016, 16, 494-502.	2.0	29
422	Methyl jasmonate enhanced production of rosmarinic acid in cell cultures of Satureja khuzistanica in a bioreactor. Engineering in Life Sciences, 2016, 16, 740-749.	2.0	26
423	The rosmarinic acid content of basil and borage correlates with the ratio of red and far-red light. European Journal of Horticultural Science, 2016, 81, 243-247.	0.3	11
424	Polyphenolic contents and antioxidant activities of two medicinal plant species, Mentha piperita and Stevia rebaudiana, cultivated in Iran. Comparative Clinical Pathology, 2016, 25, 743-747.	0.3	14
425	Rosemary, the Beneficial Chemistry of a Garden Herb. Science Progress, 2016, 99, 83-91.	1.0	9
426	Cytotoxicity ofSalvia miltiorrhizaAgainst Multidrug-Resistant Cancer Cells. The American Journal of Chinese Medicine, 2016, 44, 871-894.	1.5	17

#	Article	IF	Citations
427	Isolation, modification, and aldose reductase inhibitory activity of rosmarinic acid derivatives from the roots of Salvia grandifolia. FÃ¬toterapÃ¬Ã¢, 2016, 112, 197-204.	1.1	18
428	Chinese herb medicine against Sortase A catalyzed transformations, a key role in gram-positive bacterial infection progress. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 184-196.	2.5	18
429	Rhizophagus intraradices or its associated bacteria affect gene expression of key enzymes involved in the rosmarinic acid biosynthetic pathway of basil. Mycorrhiza, 2016, 26, 699-707.	1.3	39
430	The inclusion complex of rosmarinic acid into beta-cyclodextrin: A thermodynamic and structural analysis by NMR and capillary electrophoresis. Food Chemistry, 2016, 208, 258-263.	4.2	40
431	Boraginaceae. , 2016, , 41-102.		27
432	Acute rosmarinic acid treatment enhances long-term potentiation, BDNF and GluR-2 protein expression, and cell survival rate against scopolamine challenge in rat organotypic hippocampal slice cultures. Biochemical and Biophysical Research Communications, 2016, 475, 44-50.	1.0	15
433	Relevance of carnosic acid to the treatment of several health disorders: Molecular targets and mechanisms. Biomedicine and Pharmacotherapy, 2016, 84, 569-582.	2.5	46
434	Rosmarinic acid is anticonvulsant against seizures induced by pentylenetetrazol and pilocarpine in mice. Epilepsy and Behavior, 2016, 62, 27-34.	0.9	29
435	Polyphenol compounds and PKC signaling. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2107-2121.	1.1	77
436	Antioxidant capacity variation in the oregano (Origanum vulgare L.) collection of the German National Genebank. Industrial Crops and Products, 2016, 92, 19-25.	2.5	53
437	Protective Effect of RA on Myocardial Infarction-Induced Cardiac Fibrosis via AT1R/p38 MAPK Pathway Signaling and Modulation of the ACE2/ACE Ratio. Journal of Agricultural and Food Chemistry, 2016, 64, 6716-6722.	2.4	36
438	Influence of plant maturity on anthocyanin concentrations, phenolic composition, and antioxidant properties of 3 purple basil (Ocimum basilicum L.) cultivars. Journal of Food Composition and Analysis, 2016, 53, 30-39.	1.9	32
439	Micropropagation of Eryngium campestre L. via Shoot Culture Provides Valuable Uniform Plant Material with Enhanced Content of Phenolic Acids and Antimicrobial Activity. Acta Biologica Cracoviensia Series Botanica, 2016, 58, 43-56.	0.5	18
440	The identification and quantitative determination of rosmarinic acid and salvianolic acid B in hairy root cultures of Dracocephalum forrestii W.W. Smith. Industrial Crops and Products, 2016, 91, 125-131.	2.5	29
441	In vitroÂandÂin vivoÂefficacy of rosmarinic acid on quorum sensing mediated biofilm formation and virulence factor production inAeromonas hydrophila. Biofouling, 2016, 32, 1171-1183.	0.8	64
442	Biochemical properties and subcellular localization of tyrosine aminotransferases in Arabidopsis thaliana. Phytochemistry, 2016, 132, 16-25.	1.4	43
443	Dynamic Conformational States Dictate Selectivity toward the Native Substrate in a Substrate-Permissive Acyltransferase. Biochemistry, 2016, 55, 6314-6326.	1.2	57
444	Differential Scanning Calorimetry Data and Solubility of Rosmarinic Acid in Different Pure Solvents and in Binary Mixtures (Methyl Acetate + Water) and (Ethyl Acetate + Water) from 293.2 to 313.2 K. Journal of Chemical & Engineering Data, 2016, 61, 3718-3723.	1.0	11

#	Article	IF	Citations
445	Combining inÂvitro and in silico approaches to evaluate the multifunctional profile of rosmarinic acid from Blechnum brasiliense on targets related to neurodegeneration. Chemico-Biological Interactions, 2016, 254, 135-145.	1.7	24
446	Rosemary. Nutrition Today, 2016, 51, 102-112.	0.6	7
447	Antimicrobial Potential of Wild Edible Herbaceous Species. , 2016, , 233-252.		4
448	Protective effects of rosmarinic acid against radiation-induced damage to the hematopoietic system in mice. Journal of Radiation Research, 2016, 57, 356-362.	0.8	18
449	Cr (VI) induced oxidative stress and toxicity in cultured cerebellar granule neurons at different stages of development and protective effect of Rosmarinic acid. Environmental Toxicology, 2016, 31, 269-277.	2.1	31
450	Lamiaceae phenols as multifaceted compounds: bioactivity, industrial prospects and role of â€œpositive-stressâ€• Industrial Crops and Products, 2016, 83, 241-254.	2.5	94
451	Correlation of solubility and prediction of the mixing properties of rosmarinic acid in different pure solvents and in binary solvent mixtures of ethanol + water and methanol + water from (293.2 to 318.2) K. Journal of Molecular Liquids, 2016, 216, 370-376.	2.3	16
452	Organ- and species-specific biological activity of rosmarinic acid. Toxicology in Vitro, 2016, 32, 261-268.	1.1	29
453	Production of rosmarinic acid and salvianolic acid B from callus culture of Salvia miltiorrhiza with cytotoxicity towards acute lymphoblastic leukemia cells. Food Chemistry, 2016, 201, 292-297.	4.2	51
454	Insights into the protective role of solid lipid nanoparticles on rosmarinic acid bioactivity during exposure to simulated gastrointestinal conditions. Colloids and Surfaces B: Biointerfaces, 2016, 139, 277-284.	2.5	37
455	Anthocyanin copigmentation and color of wine: The effect of naturally obtained hydroxycinnamic acids as cofactors. Food Chemistry, 2016, 197, 39-46.	4.2	97
456	Chitosan-based nanoparticles for rosmarinic acid ocular deliveryâ€"In vitro tests. International Journal of Biological Macromolecules, 2016, 84, 112-120.	3.6	114
457	Anti-Warburg effect of rosmarinic acid via miR-155 in colorectal carcinoma cells. European Journal of Cancer Prevention, 2016, 25, 481-489.	0.6	29
458	Novel approaches to optimize extraction processes of ursolic, oleanolic and rosmarinic acids from Rosmarinus officinalis leaves. Industrial Crops and Products, 2016, 84, 72-79.	2.5	52
459	Photophysical properties of neutral and dissociated forms of rosmarinic acid. Journal of Luminescence, 2016, 175, 50-56.	1.5	24
460	Quantitative analysis of highly similar salvianolic acids with 1 H qNMR for quality control of traditional Chinese medicinal preparation Salvianolate Lyophilized Injection. Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 281-287.	1.4	33
461	Rosmarinic Acid â€" Pharmaceutical and Clinical Aspects. Planta Medica, 2016, 82, 388-406.	0.7	154
462	Micropropagation of Salvia wagneriana Polak and hairy root cultures with rosmarinic acid production. Natural Product Research, 2016, 30, 2538-2544.	1.0	11

#	Article	IF	Citations
463	Establishment and characterization of a Satureja khuzistanica Jamzad (Lamiaceae) cell suspension culture: a new in vitro source of rosmarinic acid. Cytotechnology, 2016, 68, 1415-1424.	0.7	36
464	Cloning, molecular characterization and functional analysis of a putative R2R3-MYB transcription factor of the phenolic acid biosynthetic pathway in S. miltiorrhiza Bge. f. alba. Plant Cell, Tissue and Organ Culture, 2016, 124, 151-168.	1.2	28
465	Does rosmarinic acid treatment have protective role against sepsis-induced oxidative damage in Wistar Albino rats?. Human and Experimental Toxicology, 2016, 35, 877-886.	1.1	37
466	Rosmarinic acid prevents against memory deficits in ischemic mice. Behavioural Brain Research, 2016, 297, 91-103.	1.2	65
467	Hydroxycinnamoyltransferases in plant metabolism. Phytochemistry Reviews, 2016, 15, 699-727.	3.1	30
468	Affinity of rosmarinic acid to human serum albumin and its effect on protein conformation stability. Food Chemistry, 2016, 192, 178-187.	4.2	123
469	Optimization of carvacrol, rosmarinic, oleanolic and ursolic acid extraction from oregano herbs (Origanum onites L., Origanum vulgare spp. hirtum and Origanum vulgare) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	45
470	Identification and quantification of phenolics in Australian native mint (Mentha australis R. Br.). Food Chemistry, 2016, 192, 698-705.	4.2	50
471	The chemical composition on fingerprint of Glandora diffusa and its biological properties. Arabian Journal of Chemistry, 2017, 10, 583-595.	2.3	11
472	Spinal cord injury effectively ameliorated by neuroprotective effects of rosmarinic acid. Nutritional Neuroscience, 2017, 20, 172-179.	1.5	34
473	Rosmarinic acid reverses the effects of metronidazole-induced infertility in male albino rats. Reproduction, Fertility and Development, 2017, 29, 1910.	0.1	4
474	Anti-inflammatory effect of the Salvia sclarea L. ethanolic extract on lipopolysaccharide-induced periodontitis in rats. Journal of Ethnopharmacology, 2017, 199, 52-59.	2.0	40
475	Screening of plants used in the European traditional medicine to treat memory disorders for acetylcholinesterase inhibitory activity and anti amyloidogenic activity. Journal of Ethnopharmacology, 2017, 200, 66-73.	2.0	12
476	Natural antioxidants in the treatment and prevention of diabetic nephropathy; a potential approach that warrants clinical trials. Redox Report, 2017, 22, 99-118.	1.4	67
477	Biophenols pharmacology against the amyloidogenic activity in Alzheimerâ€™s disease. Biomedicine and Pharmacotherapy, 2017, 89, 396-413.	2.5	37
478	Nutrition for diabetic retinopathy: plummeting the inevitable threat of diabetic vision loss. European Journal of Nutrition, 2017, 56, 2013-2027.	1.8	22
479	Metabolic Engineering of Phenylpropanoids in Plants. Reference Series in Phytochemistry, 2017, , 485-510.	0.2	6
480	Limited Tyrosine Utilization Explains Lower Betalain Contents in Yellow than in Red Table Beet Genotypes. Journal of Agricultural and Food Chemistry, 2017, 65, 4305-4313.	2.4	26

#	Article	IF	Citations
481	Preferential solvation of rosmarinic acid in binary solvent mixtures of ethanol + water and methanol + water according to the inverse Kirkwoodâ€"Buff integrals method. Journal of Molecular Liquids, 2017, 240, 56-64.	2.3	91
482	Inhibitory effects of rosmarinic acid on pterygium epithelial cells through redox imbalance and induction of extrinsic and intrinsic apoptosis. Experimental Eye Research, 2017, 160, 96-105.	1.2	11
483	Comparison of chemical structures and cytoprotection abilities between direct and indirect antioxidants. Journal of Functional Foods, 2017, 35, 245-255.	1.6	41
484	Rosmarinic acid attenuates hepatic fibrogenesis via suppression of hepatic stellate cell activation/proliferation and induction of apoptosis. Asian Pacific Journal of Tropical Medicine, 2017, 10, 444-453.	0.4	16
485	Safety and tolerability of a dried aqueous spearmint extract. Regulatory Toxicology and Pharmacology, 2017, 86, 167-176.	1.3	5
486	Design of microparticles containing natural antioxidants: Preparation, characterization and controlled release studies. Powder Technology, 2017, 313, 287-292.	2.1	51
487	Potential Antiosteoporotic Natural Product Lead Compounds That Inhibit 17Î²-Hydroxysteroid Dehydrogenase Type 2. Journal of Natural Products, 2017, 80, 965-974.	1.5	13
488	Phytochemical composition of fractions isolated from ten Salvia species by supercritical carbon dioxide and pressurized liquid extraction methods. Food Chemistry, 2017, 224, 37-47.	4.2	39
489	Euphorbia denticulata Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. Biomedicine and Pharmacotherapy, 2017, 87, 27-36.	2.5	76
490	Composition and biological activities of Salvia veneris Hedge growing in Cyprus. Industrial Crops and Products, 2017, 97, 41-48.	2.5	15
491	Critical evaluation of spectral information of benchtop vs. portable near-infrared spectrometers: quantum chemistry and two-dimensional correlation spectroscopy for a better understanding of PLS regression models of the rosmarinic acid content in Rosmarini folium. Analyst, The, 2017, 142, 455-464.	1.7	94
492	Effect-directed fingerprints of 77 botanical extracts via a generic high-performance thin-layer chromatography method combined with assays and mass spectrometry. Journal of Chromatography A, 2017, 1529, 93-106.	1.8	39
493	Are sage, rosemary and lemon balm effective interventions in dementia? A narrative review of the clinical evidence. European Journal of Integrative Medicine, 2017, 15, 83-96.	0.8	5
494	Anti-enterovirus 71 activities of Melissa officinalis extract and its biologically active constituent rosmarinic acid. Scientific Reports, 2017, 7, 12264.	1.6	27
495	The effects of Salvia przewalskii total phenolic acid extract on immune complex glomerulonephritis. Pharmaceutical Biology, 2017, 55, 2153-2160.	1.3	5
496	Identification of rosmarinic acid and sulfated flavonoids as inhibitors of microfouling on the surface of eelgrass Zostera marina. Biofouling, 2017, 33, 867-880.	0.8	31
497	Phenolic profile, antioxidant and enzyme inhibitory activities of Stachys annua subsp. annua var. annua. South African Journal of Botany, 2017, 113, 128-132.	1.2	25
498	Quantitative analysis of salvianolic acids, ginsenosides and borneols using ¹H qNMR for quality control of compound Danshen dripping pills. Analytical Methods, 2017, 9, 5580-5585.	1.3	9

#	Article	IF	Citations
499	Phenylpropanoid profiling reveals a class of hydroxycinnamoyl glucaric acid conjugates in Isatis tinctoria leaves. Phytochemistry, 2017, 144, 127-140.	1.4	30
500	Phenological changes in triterpenic and phenolic composition of Thymus L. species. Industrial Crops and Products, 2017, 109, 445-451.	2.5	33
501	Natural product for the treatment of Alzheimerâ€™s disease. Journal of Basic and Clinical Physiology and Pharmacology, 2017, 28, 413-423.	0.7	98
502	Plant-based remedies for wolf bites and rituals against wolves in the Iberian Peninsula: Therapeutic opportunities and cultural values for the conservation of biocultural diversity. Journal of Ethnopharmacology, 2017, 209, 124-139.	2.0	8
503	SmMYB36, a Novel R2R3-MYB Transcription Factor, Enhances Tanshinone Accumulation and Decreases Phenolic Acid Content in Salvia miltiorrhiza Hairy Roots. Scientific Reports, 2017, 7, 5104.	1.6	97
504	Prophylactic effects of ellagic acid and rosmarinic acid on doxorubicinâ€induced neurotoxicity in rats. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21977.	1.4	43
505	Rosmarinic acid: modes of action, medicinal values and health benefits. Animal Health Research Reviews, 2017, 18, 167-176.	1.4	129
506	Characterization of the Polyphenolic Fingerprint of Origanum Ã— majoricum Cambess. From Argentina by High-Performance Liquid Chromatography and Multivariate Analysis. Food Analytical Methods, 2017, 10, 3275-3284.	1.3	3
507	Chemical Fingerprinting by HPLC-DAD to Differentiate Certain Subspecies of Origanum vulgare L.. Food Analytical Methods, 2017, 10, 1460-1468.	1.3	13
508	Salvia nemorosa L.: A novel source of bioactive agents with functional connections. LWT - Food Science and Technology, 2017, 75, 42-50.	2.5	46
509	Phenolic compounds and antioxidant activity of tuberous root leaves. International Journal of Food Properties, 2017, 20, 2966-2973.	1.3	16
510	Biotechnology of Commercial Microbial Products. , 2017, , 521-542.		0
511	An Asian traditional herbal complex containing Houttuynia cordata Thunb, Perilla frutescens Var. acuta and green tea stimulates hair growth in mice. BMC Complementary and Alternative Medicine, 2017, 17, 515.	3.7	13
512	Strategies for Optimization of the Production of Rosmarinic Acid in Salvia officinalis L. and Salvia dolomitica Codd Biomass with Several Biotechnological Approaches. , 2017, , 209-239.		4
513	Salvia Biotechnology. , 2017, , .		7
514	Rosmarinic Acid Protects against Inflammation and Cardiomyocyte Apoptosis during Myocardial Ischemia/Reperfusion Injury by Activating Peroxisome Proliferator-Activated Receptor Gamma. Frontiers in Pharmacology, 2017, 8, 456.	1.6	56
515	Growth and Accumulation of Secondary Metabolites in Perilla as Affected by Photosynthetic Photon Flux Density and Electrical Conductivity of the Nutrient Solution. Frontiers in Plant Science, 2017, 8, 708.	1.7	75
516	Blue and Red LED Illumination Improves Growth and Bioactive Compounds Contents in Acyanic and Cyanic Ocimum basilicum L. Microgreens. Molecules, 2017, 22, 2111.	1.7	147

#	Article	IF	Citations
517	Biotechnological Interventions for Production of Therapeutic Secondary Metabolites Using Hairy Root Cultures of Medicinal Plants. , 2017, , 259-282.		12
518	Biocomposites in ocular drug delivery. , 2017, , 139-168.		4
519	Aromatherapy and Aromatic Plants for the Treatment of Behavioural and Psychological Symptoms of Dementia in Patients with Alzheimerâ€™s Disease: Clinical Evidence and Possible Mechanisms. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-8.	0.5	32
520	Accumulation of phenolics in natural and micropropagated plantlets of Thymus pseudopulegioides Klokov & Des.-Shost. with their antioxidant potentials. Turkish Journal of Biology, 2017, 41, 754-764.	2.1	3
521	Profiling of antioxidant potential and phytoconstituents of Plantago coronopus. Brazilian Journal of Biology, 2017, 77, 632-641.	0.4	17
522	Evaluation of basil extract (Ocimum basilicum L.) on oxidative, anti-genotoxic and anti-inflammatory effects in human leukocytes cell cultures exposed to challenging agents. Brazilian Journal of Pharmaceutical Sciences, 2017, 53, .	1.2	42
523	High production of bioactive depsides in shoot and callus cultures of Aronia arbutifolia and AroniaÂÃ—Âprunifolia. Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	14
524	Virtual target screening reveals rosmarinic acid and salvianolic acid A inhibiting metallo- and serine-Î²-lactamases. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1037-1042.	1.0	21
525	Tyrosine biosynthesis, metabolism, and catabolism in plants. Phytochemistry, 2018, 149, 82-102.	1.4	137
526	Sustainable Production of Polyphenols and Antioxidants by Plant In Vitro Cultures. Reference Series in Phytochemistry, 2018, , 225-269.	0.2	9
527	Protective effect of sweet basil extracts against vitamin C degradation in a model solution and in guava juice. Journal of Food Processing and Preservation, 2018, 42, e13646.	0.9	2
528	Decrease of Auditory Evoked Delta, Alpha and Beta Oscillatory Responses in d-galactose Induced Aging Model: Effects of Rosmarinic Acid. International Journal of Gerontology, 2018, 12, 255-260.	0.7	3
529	Rosmarinic acid and siRNA combined therapy represses Hsp27 (HSPB1) expression and induces apoptosis in human glioma cells. Cell Stress and Chaperones, 2018, 23, 885-896.	1.2	27
530	Secretase inhibitors for the treatment of Alzheimer's disease: Long road ahead. European Journal of Medicinal Chemistry, 2018, 148, 436-452.	2.6	121
531	A quality marker study on salvianolic acids for injection. Phytomedicine, 2018, 44, 138-147.	2.3	17
532	Rosmarinic acid protects on rat bone marrow mesenchymal stem cells from hydrogen peroxide-induced apoptosis. Journal of Asian Natural Products Research, 2018, 20, 570-580.	0.7	6
533	Selective extraction of highâ€value phenolic compounds from distillation wastewater of basil (Ocimum basilicum L.) by pressurized liquid extraction. Electrophoresis, 2018, 39, 1884-1891.	1.3	29
534	Study on rosmarinic acid separation by synergic extraction. Separation Science and Technology, 2018, 53, 645-654.	1.3	6

#	Article	IF	Citations
535	Enhanced production of phenolic acids in cell suspension culture of Salvia leriifolia Benth. using growth regulators and sucrose. Cytotechnology, 2018, 70, 741-750.	0.7	38
536	Enhanced production of the pharmaceutically important polyphenolic compounds in Vitex agnus castus L. shoot cultures by precursor feeding strategy. Engineering in Life Sciences, 2018, 18, 287-297.	2.0	44
537	Biological activity of Hyptis Jacq. (Lamiaceae) is determined by the environment. Industrial Crops and Products, 2018, 112, 705-715.	2.5	14
538	Cultivar affects the phenolic composition and antioxidant properties of commercially available lemon balm (Melissa officinalis L.) varieties. Industrial Crops and Products, 2018, 112, 783-789.	2.5	24
540	Phenolic profiling and quantitative determination of common sage (Salvia plebeia R. Br.) by UPLC-DAD-QTOF/MS. European Food Research and Technology, 2018, 244, 1637-1646.	1.6	31
541	Inhibition of C298S mutant of human aldose reductase for antidiabetic applications: Evidence from in silico elementary mode analysis of biological network model. Journal of Cellular Biochemistry, 2018, 119, 6961-6973.	1.2	18
542	Impact of postharvest processes on major phenolic constituents and antioxidant potentials of different Ocimum species. Journal of Applied Research on Medicinal and Aromatic Plants, 2018, 10, 9-15.	0.9	5
543	Lipophilic ester and amide derivatives of rosmarinic acid protect cells against H2O2-induced DNA damage and apoptosis: The potential role of intracellular accumulation and labile iron chelation. Redox Biology, 2018, 15, 548-556.	3.9	35
544	Hairy root cultures of Salvia viridis L. for production of polyphenolic compounds. Industrial Crops and Products, 2018, 117, 235-244.	2.5	46
545	A novel, simplified and stability-indicating high-throughput ultra-fast liquid chromatography method for the determination of rosmarinic acid in nanoemulsions, porcine skin and nasal mucosa. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 233-241.	1.2	17
546	Bioaccessibility and biological activity of Melissa officinalis , Lavandula latifolia and Origanum vulgare extracts: Influence of an in vitro gastrointestinal digestion. Journal of Functional Foods, 2018, 44, 146-154.	1.6	34
547	Aromatic amino acid aminotransferases in plants. Phytochemistry Reviews, 2018, 17, 131-159.	3.1	24
548	In vitro and in silico perspectives on biological and phytochemical profile of three halophyte speciesâ€"A source of innovative phytopharmaceuticals from nature. Phytomedicine, 2018, 38, 35-44.	2.3	60
549	The antimicrobial effects of three phenolic extracts from Rosmarinus officinalis L., Vitis vinifera L. and Polygonum cuspidatum L. on food pathogens. Natural Product Research, 2018, 32, 2639-2645.	1.0	17
550	Applications of UV-B lighting to enhance phenolic accumulation of sweet basil. Scientia Horticulturae, 2018, 229, 107-116.	1.7	62
551	Near-infrared and Mid-infrared Spectroscopic Techniques for a Fast and Nondestructive Quality Control of Thymi herba. Planta Medica, 2018, 84, 420-427.	0.7	11
552	Rosmarinic Acid and Related Metabolites. , 2018, , 25-60.		6
553	Determination of the cleanâ€up efficiency of the solidâ€phase extraction of rosemary extracts: Application of fullâ€factorial design in hyphenation with Gaussian peak fit function. Journal of Separation Science, 2018, 41, 704-712.	1.3	5

#	Article	IF	Citations
554	Recent advances in microbial production of aromatic natural products and their derivatives. Applied Microbiology and Biotechnology, 2018, 102, 47-61.	1.7	62
555	Alzheimer's disease as oligomeropathy. Neurochemistry International, 2018, 119, 57-70.	1.9	90
556	EVALUATION OF Î±-GLUCOSIDASE INHIBITORY POTENTIAL OF METHANOLIC LEAF EXTRACT OF OCIMUM CANUM. International Journal of Pharmacy and Pharmaceutical Sciences, 2018, 10, 126.	0.3	2
557	Effect of ultraviolet and ultrasonic on potential antidiabetic activity of in vitro shoot cultures of Orthosiphon aristatus. IOP Conference Series: Earth and Environmental Science, 0, 207, 012008.	0.2	2
558	Effect of Drying Temperature on Rosmarinic Acid and Sinensetin Concentration in Orthosiphon stamineus Herbal Leaves. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012074.	0.3	1
559	Neuroprotection Comparison of Rosmarinic Acid and Carnosic Acid in Primary Cultures of Cerebellar Granule Neurons. Molecules, 2018, 23, 2956.	1.7	30
560	AtPAP1 Interacts With and Activates SmbHLH51, a Positive Regulator to Phenolic Acids Biosynthesis in Salvia miltiorrhiza. Frontiers in Plant Science, 2018, 9, 1687.	1.7	21
561	Rosmarinic Acid, a Component of Rosemary Tea, Induced the Cell Cycle Arrest and Apoptosis through Modulation of HDAC2 Expression in Prostate Cancer Cell Lines. Nutrients, 2018, 10, 1784.	1.7	73
562	Comprehensive genomic analysis of the TYROSINE AMINOTRANSFERASE (TAT) genes in apple (Malus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf stresses in plants. Plant Physiology and Biochemistry, 2018, 133, 81-91.	2.8	16
563	Flavonoid Productivity Optimized for Green and Red Forms of Perilla frutescens via Environmental Control Technologies in Plant Factory. Journal of Food Quality, 2018, 2018, 1-9.	1.4	9
564	Safety Assessment of Rosmarinus officinalis (Rosemary)-Derived Ingredients as Used in Cosmetics. International Journal of Toxicology, 2018, 37, 12S-50S.	0.6	24
565	Rosmarinic acid induces programmed cell death in Arabidopsis seedlings through reactive oxygen species and mitochondrial dysfunction. PLoS ONE, 2018, 13, e0208802.	1.1	38
566	Analysis of Polyphenols in the Lamiaceae Family by Matrix Solid-Phase Dispersion Extraction Followed by Ultra-High-Performance Liquid Chromatographyâ€"Tandem Mass Spectrometry Determination. ACS Omega, 2018, 3, 17610-17616.	1.6	21
567	Medicinal Plants of Uzbekistan and Their Traditional Uses. , 2018, , 211-237.		9
568	Plant Products with Antifungal Activity: From Field to Biotechnology Strategies. , 2018, , 35-71.		0
569	Cytogenetic and genotoxic effects of Rosmaniric Acid on Allium cepa L. root meristem cells. Food and Chemical Toxicology, 2018, 121, 444-449.	1.8	18
570	Review on rosmarinic acid extraction, fractionation and its anti-diabetic potential. Food and Chemical Toxicology, 2018, 121, 687-700.	1.8	117
571	Characterization of Arabidopsis thaliana Hydroxyphenylpyruvate Reductases in the Tyrosine Conversion Pathway. Frontiers in Plant Science, 2018, 9, 1305.	1.7	9

#	Article	IF	Citations
572	Arbuscular Mycorrhizal Fungi: Effects on Secondary Metabolite Production in Medicinal Plants. , 2018, , 507-538.		5
573	Thermodynamic and Mechanistic Study of the Electrochemical Oxidation of Rosmarinic Acid. Journal of the Electrochemical Society, 2018, 165, H698-H704.	1.3	7
574	Comparative metabolomic responses to gibberellic acid and 6-benzylaminopurine in Cunila menthoides Benth. (Lamiaceae): a contribution to understand the metabolic pathways. Plant Cell Reports, 2018, 37, 1173-1185.	2.8	7
575	The Use of Polyphenols for the Treatment of Alzheimerâ€™s Disease. , 2018, , 239-252.		4
576	Development of active rosmarinic acid-gelatin biodegradable films with antioxidant and long-term antibacterial activities. Food Hydrocolloids, 2018, 83, 308-316.	5.6	106
577	Rosmarinic Acid Mitigates Mitochondrial Dysfunction and Spinal Glial Activation in Oxaliplatin-induced Peripheral Neuropathy. Molecular Neurobiology, 2018, 55, 7463-7475.	1.9	45
578	Rosmarinic Acid Restores Complete Transparency of Sonicated Human Cataract Ex Vivo and Delays Cataract Formation In Vivo. Scientific Reports, 2018, 8, 9341.	1.6	25
579	Variations in sweet basil in response to Green synthesized Zinc-Amino nano complexes. Journal of Cleaner Production, 2018, 196, 452-459.	4.6	16
580	Phytochemical Screening, Antiproliferative and Antioxidant Properties of Various Extracts from Endemic Origanum acutidens. Combinatorial Chemistry and High Throughput Screening, 2018, 21, 281-291.	0.6	4
581	Current Advances in Pharmacotherapy and Technology for Diabetic Retinopathy: A Systematic Review. Journal of Ophthalmology, 2018, 2018, 1-13.	0.6	32
582	Structural, functional and evolutionary diversity of 4-coumarate-CoA ligase in plants. Planta, 2018, 248, 1063-1078.	1.6	114
583	Rosmarinic Acid Activates AMPK to Inhibit Metastasis of Colorectal Cancer. Frontiers in Pharmacology, 2018, 9, 68.	1.6	67
584	Calculation of gamma-ray attenuation properties of some antioxidants using Monte Carlo simulation method. Biomedical Physics and Engineering Express, 2018, 4, 057001.	0.6	13
585	Molecular Pharmacology of Rosmarinic and Salvianolic Acids: Potential Seeds for Alzheimerâ€™s and Vascular Dementia Drugs. International Journal of Molecular Sciences, 2018, 19, 458.	1.8	72
586	Antiangiogenic Herbal Composition Ob-X Reduces Abdominal Visceral Fat in Humans: A Randomized, Double-Blind, Placebo-Controlled Study. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-11.	0.5	1
587	Remedy of Targeting Cancer and Cancer Stem Cells with Botanicals. , 2018, , 289-320.		0
588	Identification of the NADPH Oxidase 4 Inhibiting Principle of Lycopus europaeus. Molecules, 2018, 23, 653.	1.7	11
589	Determination of the Phenolic Profile and Antioxidant Properties of Salvia viridis L. Shoots: A Comparison of Aqueous and Hydroethanolic Extracts. Molecules, 2018, 23, 1468.	1.7	42

#	Article	IF	Citations
590	Flavonoids and Phenolic Acids from Oregano: Occurrence, Biological Activity and Health Benefits. Plants, 2018, 7, 2.	1.6	146
591	Anticancer potential of rosmarinic acid and its improved production through biotechnological interventions and functional genomics. Applied Microbiology and Biotechnology, 2018, 102, 7775-7793.	1.7	81
592	Box-Behnken design optimization of mucoadhesive chitosan-coated nanoemulsions for rosmarinic acid nasal deliveryâ€"In vitro studies. Carbohydrate Polymers, 2018, 199, 572-582.	5.1	68
593	Effects of herbal nutraceuticals and/or zinc against Haemonchus contortus in lambs experimentally infected. BMC Veterinary Research, 2018, 14, 78.	0.7	21
594	Characterization, identification, and quantification of phenolic compounds using UPLC-Q-TOF-MS and evaluation of antioxidant activity of 73 Perilla frutescens accessions. Food Research International, 2018, 111, 153-167.	2.9	22
595	Rosmarinic acid influences collagen, MMPs, TIMPs, glycosylation and MUC1 in CRL-1739 gastric cancer cell line. Biomedicine and Pharmacotherapy, 2018, 107, 397-407.	2.5	25
596	Liposomal Incorporation to Improve Dissolution and Stability of Rosmarinic Acid and Carvacrol Extracted from Oregano (O. onites L.). BioMed Research International, 2018, 2018, 1-10.	0.9	24
597	Designing the Ideotype Mycorrhizal Symbionts for the Production of Healthy Food. Frontiers in Plant Science, 2018, 9, 1089.	1.7	90
598	Chemical composition and antioxidant activity of phenolic compounds and essential oils from Calamintha nepeta L.. Journal of Complementary and Integrative Medicine, 2018, 15, .	0.4	9
599	Agitated shoot cultures of Aronia arbutifolia and Aroniaâ€‰Ã—â€‰ prunifolia: biotechnological studies on the accumulation of phenolic compounds and biotransformation capability. Plant Cell, Tissue and Organ Culture, 2018, 134, 467-479.	1.2	12
600	Biophenols. , 2018, , 103-148.		5
601	Antiinflammatory Potential of Medicinal Plants: A Source for Therapeutic Secondary Metabolites. Advances in Agronomy, 2018, , 131-183.	2.4	23
602	Identification of fukinolic acid from Cimicifuga heracleifolia and its derivatives as novel antiviral compounds against enterovirus A71 infection. International Journal of Antimicrobial Agents, 2019, 53, 128-136.	1.1	21
603	Therapeutic target enzymes inhibitory potential, antioxidant activity, and rosmarinic acid content of Echium amoenum. South African Journal of Botany, 2019, 120, 191-197.	1.2	40
604	Production of rosmarinic acid with ATP and CoA double regenerating system. Enzyme and Microbial Technology, 2019, 131, 109392.	1.6	12
605	Evaluation of the virucidal effects of rosmarinic acid against enterovirus 71 infection via in vitro and in vivo study. Virology Journal, 2019, 16, 94.	1.4	29
606	Molecular Structure and Antioxidant Properties of Alkali Metal Salts of Rosmarinic Acid. Experimental and DFT Studies. Molecules, 2019, 24, 2645.	1.7	43
607	Herbal Beverages as a Source of Antioxidant Phenolics. , 2019, , 125-142.		2

#	Article	IF	Citations
608	The potential of Thymus vulgaris aqueous extract to protect against delayed gastric emptying and colonic constipation in rats. RSC Advances, 2019, 9, 20593-20602.	1.7	5
609	Stress-Induced Epigenetic Changes in Hippocampal Mkp-1 Promote Persistent Depressive Behaviors. Molecular Neurobiology, 2019, 56, 8537-8556.	1.9	20
610	Supercritical Carbon Dioxide Antisolvent Fractionation for the Sustainable Concentration of Lavandula luisieri (Rozeira) Riv.- Mart Antimicrobial and Antioxidant Compounds and Comparison with Its Conventional Extracts. Plants, 2019, 8, 455.	1.6	11
612	Cell Suspensions of Cannabis sativa (var. Futura): Effect of Elicitation on Metabolite Content and Antioxidant Activity. Molecules, 2019, 24, 4056.	1.7	23
614	Phytochemical contents, antioxidant effects, and inhibitory activities of key enzymes associated with Alzheimer's disease, ulcer, and skin disorders ofSideritis albifloraandSideritis leptoclada. Journal of Food Biochemistry, 2019, 43, e13078.	1.2	20
615	Determination of phenolic compounds, antioxidant and anticancer activity of Chrozophora tinctoria accessions collected from different regions of Iran. Journal of Food Biochemistry, 2019, 43, e13036.	1.2	12
616	Rosmarinic Acid, the Main Effective Constituent of Orthosiphon stamineus, Inhibits Intestinal Epithelial Apoptosis Via Regulation of the Nrf2 Pathway in Mice. Molecules, 2019, 24, 3027.	1.7	20
617	Bioactivation of herbal constituents: mechanisms and toxicological relevance. Drug Metabolism Reviews, 2019, 51, 453-497.	1.5	11
618	Assessment of phytochemical and agro-morphological variability among different wild accessions of Mentha longifolia L. cultivated in field condition. Industrial Crops and Products, 2019, 140, 111698.	2.5	23
619	Natural Bio-active Compounds. , 2019, , .		2
620	Age-related variation of polyphenol content and expression of phenylpropanoid biosynthetic genes in Agastache rugosa. Industrial Crops and Products, 2019, 141, 111743.	2.5	14
621	Development and Validation of an Analytical Method Based on HPLC-ELSD for the Simultaneous Determination of Rosmarinic Acid, Carnosol, Carnosic Acid, Oleanolic Acid and Ursolic Acid in Rosemary. Molecules, 2019, 24, 323.	1.7	18
622	Differential Production of Phenylpropanoid Metabolites in Callus Cultures of Ocimum basilicum L. with Distinct In Vitro Antioxidant Activities and In Vivo Protective Effects against UV stress. Journal of Agricultural and Food Chemistry, 2019, 67, 1847-1859.	2.4	78
623	Search for efficient inhibitors of myotoxic activity induced by ophidian phospholipase A2-like proteins using functional, structural and bioinformatics approaches. Scientific Reports, 2019, 9, 510.	1.6	24
624	Development, physico-chemical characterization and in-vitro studies of hydrogels containing rosmarinic acid-loaded nanoemulsion for topical application. Journal of Pharmacy and Pharmacology, 2019, 71, 1199-1208.	1.2	15
625	Rosmarinic acid improved antioxidant properties and healthspan via the IIS and MAPK pathways in Caenorhabditis elegans. BioFactors, 2019, 45, 774-787.	2.6	42
626	Protective Effects of Rosmarinic Acid against Selenite-Induced Cataract and Oxidative Damage in Rats. International Journal of Medical Sciences, 2019, 16, 729-740.	1.1	31
627	Variation of growth characters and rosmarinic acid content of cultivated Satureja rechingeri clones. South African Journal of Botany, 2019, 124, 320-328.	1.2	6

#	Article	IF	Citations
628	Reduction of Inflammation and Colon Injury by a Spearmint Phenolic Extract in Experimental Bowel Disease in Mice. Medicines (Basel, Switzerland), 2019, 6, 65.	0.7	16
629	Complexation of rosmarinic acid with hydroxypropyl-Î²-cyclodextrin and methyl-Î²-cyclodextrin: Formation of 2:1 complexes with improved antioxidant activity. Journal of Molecular Structure, 2019, 1195, 582-590.	1.8	24
630	Accumulation of rosmarinic acid and behaviour of ROS processing systems in Melissa officinalis L. under heat stress. Industrial Crops and Products, 2019, 138, 111469.	2.5	26
631	In vitro culture of the endangered plant Eryngium viviparum as dual strategy for its ex situ conservation and source of bioactive compounds. Plant Cell, Tissue and Organ Culture, 2019, 138, 427-435.	1.2	26
632	A BAHD hydroxycinnamoyltransferase from Actaea racemosa catalyses the formation of fukinolic and cimicifugic acids. Planta, 2019, 250, 475-485.	1.6	6
633	Assessment of Antidepressant Effect of the Aerial Parts of Micromeria myrtifolia Boiss. & Hohen on Mice. Molecules, 2019, 24, 1869.	1.7	19
634	Investigating the Phospholipid Effect on the Bioaccessibility of Rosmarinic Acid-Phospholipid Complex through a Dynamic Gastrointestinal in Vitro Model. Pharmaceutics, 2019, 11, 156.	2.0	28
635	Potential Treatment Strategies for Dementia With Pharmacological and Nonpharmacological Interventions. , 2019, , 215-250.		0
636	Drying the leaves of Perilla frutescens increases their content of anticancer nutraceuticals. Food Science and Nutrition, 2019, 7, 1494-1501.	1.5	19
637	Improvement in drought tolerance of lemon balm, Melissa officinalis L. under the pre-treatment of LED lighting. Plant Physiology and Biochemistry, 2019, 139, 548-557.	2.8	26
638	Rosmarinic acid in Canna generalis activates the medial deterrent chemosensory neurone and deters feeding in the tobacco hornworm Manduca sexta. Physiological Entomology, 2019, 44, 140-147.	0.6	3
639	Rosmarinic Acid Enriched Fraction fromPerilla frutescensLeaves Strongly Protects Indomethacin-Induced Gastric Ulcer in Rats. BioMed Research International, 2019, 2019, 1-13.	0.9	35
640	Rosmarinic acid attenuates inflammatory responses through inhibiting HMGB1/TLR4/NF-Îºb signaling pathway in a mouse model of Parkinson's disease. Life Sciences, 2019, 223, 158-165.	2.0	62
641	Metabolic engineering of microorganisms for production of aromatic compounds. Microbial Cell Factories, 2019, 18, 41.	1.9	150
642	Secondary metabolites, their structural diversity, bioactivity, and ecological functions: An overview. Physical Sciences Reviews, 2019, 4, .	0.8	14
644	Phytochemicals Rosmarinic Acid, Ampelopsin, and Amorfrutin-A Can Modulate Age-Related Phenotype of Serially Passaged Human Skin Fibroblasts in vitro. Frontiers in Genetics, 2019, 10, 81.	1.1	20
645	Green Ultrasound Assisted Extraction of trans Rosmarinic Acid from Plectranthus scutellarioides (L.) R.Br. Leaves. Plants, 2019, 8, 50.	1.6	22
646	The antioxidant and antimicrobial properties of phenol-rich extracts of Dracocephalum forrestii W. W. Smith shoot cultures grown in the nutrient sprinkle bioreactor. Phytochemistry Letters, 2019, 30, 254-260.	0.6	18

#	Article	IF	Citations
647	Perilla frutescens Sprout Extract Protect Renal Mesangial Cell Dysfunction against High Glucose by Modulating AMPK and NADPH Oxidase Signaling. Nutrients, 2019, 11, 356.	1.7	12
648	Accumulation of phenolic compounds in different in vitro cultures of Salvia viridis L. and their antioxidant and antimicrobial potential. Phytochemistry Letters, 2019, 30, 324-332.	0.6	18
649	Ocimum basilicum L.: Antiinflammatory Actions and Potential Usage for Arthritic Conditions. , 2019, , 481-487.		1
650	Hepatoprotective effects of rosmarinic acid: Insight into its mechanisms of action. Biomedicine and Pharmacotherapy, 2019, 112, 108600.	2.5	70
651	Synthesis of Rosmarinic Acid Amides as Antioxidative and Hypoglycemic Agents. Journal of Natural Products, 2019, 82, 573-582.	1.5	23
652	Biosolids application improves mineral composition and phenolic profile of basil cultivated on eroded soil. Scientia Horticulturae, 2019, 249, 407-418.	1.7	19
653	Rosmarinic acid content in selected varieties of sage (Salvia officinalis L.). Journal of Central European Agriculture, 2019, 20, 305-320.	0.3	4
655	Effect of Iodine treatments on Ocimum basilicum L.: Biofortification, phenolics production and essential oil composition. PLoS ONE, 2019, 14, e0226559.	1.1	34
656	LED-enhanced biosynthesis of biologically active ingredients in callus cultures of Ocimum basilicum. Journal of Photochemistry and Photobiology B: Biology, 2019, 190, 172-178.	1.7	58
657	Physico-mechanical and antioxidant properties of gelatin film from rabbit skin incorporated with rosemary acid. Food Packaging and Shelf Life, 2019, 19, 121-130.	3.3	48
658	Molecular docking of AÎ²1â€“40 peptide and its Iowa D23N mutant using small molecule inhibitors: Possible mechanisms of AÎ²-peptide inhibition. International Journal of Biological Macromolecules, 2019, 127, 250-270.	3.6	22
659	Isolation, identification of secondary metabolites from Salvia absconditiflora and evaluation of their antioxidative properties. Natural Product Research, 2019, 33, 3592-3595.	1.0	21
660	An overview of the neuroprotective potential of rosmarinic acid and its association with nanotechnology-based delivery systems: A novel approach to treating neurodegenerative disorders. Neurochemistry International, 2019, 122, 47-58.	1.9	41
661	Metabolic interactions of rosmarinic acid with human cytochrome P450 monooxygenases and uridine diphosphate glucuronosyltransferases. Biomedicine and Pharmacotherapy, 2019, 110, 111-117.	2.5	24
662	Imbalance of tyrosine by modulating TyrA arogenate dehydrogenases impacts growth and development of Arabidopsis thaliana. Plant Journal, 2019, 97, 901-922.	2.8	24
663	Thymus carnosus extracts induce anti-proliferative activity in Caco-2 cells through mechanisms that involve cell cycle arrest and apoptosis. Journal of Functional Foods, 2019, 54, 128-135.	1.6	16
664	Profiling of the Beneficial and Potentially Harmful Components of Trichodesma indicum Seed and Seed Oil Obtained by Ultrasoundâ€Assisted Extraction. JAOCS, Journal of the American Oil Chemists' Society, 2019, 96, 249-259.	0.8	10
665	TAT1 and TAT2 tyrosine aminotransferases have both distinct and shared functions in tyrosine metabolism and degradation in Arabidopsis thaliana. Journal of Biological Chemistry, 2019, 294, 3563-3576.	1.6	30

#	Article	IF	Citations
666	Rosmarinic acid protects against MPTP-induced toxicity and inhibits iron-induced Î±-synuclein aggregation. Neuropharmacology, 2019, 144, 291-300.	2.0	36
667	Copper nanoparticles elevate regeneration capacity of (Ocimum basilicum L.) plant via somatic embryogenesis. Plant Cell, Tissue and Organ Culture, 2019, 136, 41-50.	1.2	29
668	Identification and expression profiling of rosmarinic acid biosynthetic genes from Satureja khuzistanica under carbon nanotubes and methyl jasmonate elicitation. Plant Cell, Tissue and Organ Culture, 2019, 136, 561-573.	1.2	25
669	Transcriptome profiling of peppermint (Mentha piperita) with improved antioxidant properties in response to salicylic acid elicitation. Journal of Plant Biochemistry and Biotechnology, 2019, 28, 301-311.	0.9	5
670	Untargeted metabolite profiling and phytochemical analysis of Micromeria fruticosa L. (Lamiaceae) leaves. Food Chemistry, 2019, 279, 128-143.	4.2	40
671	Air assisted - vesicle based microextraction (AAVME) as a fast and green method for the extraction and determination of phenolic compounds in M. officinalis L samples. Talanta, 2019, 195, 807-814.	2.9	11
672	The biosynthesis of phenolic acids is positively regulated by the JA-responsive transcription factor ERF115 inSalvia miltiorrhiza. Journal of Experimental Botany, 2019, 70, 243-254.	2.4	120
673	Molecular cloning and characterization of rosmarinic acid biosynthetic genes and rosmarinic acid accumulation in Ocimum basilicum L.. Saudi Journal of Biological Sciences, 2019, 26, 469-472.	1.8	22
674	Metabolomics and proteomics profiles of some medicinal plants and correlation with BDNF activity. Phytomedicine, 2020, 74, 152920.	2.3	27
675	Morphological, antioxidant enzyme activity and secondary metabolites accumulation in response of polyethylene glycol-induced osmotic stress in embryo-derived plantlets and callus cultures of Salvia leriifolia. Plant Cell, Tissue and Organ Culture, 2020, 140, 143-155.	1.2	16
676	Chemical characterization of leaves and calli extracts of Rosmarinus officinalis by UHPLCâ€MS. Electrophoresis, 2020, 41, 1776-1783.	1.3	10
677	Rosmarinic Acid-Rich Fraction from Mentha arvensis Synchronizes Bcl/Bax Expression and Induces Go/G1 Arrest in Hepatocarcinoma Cells. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 515-522.	0.4	2
678	General and specialized tyrosine metabolism pathways in plants. ABIOTECH, 2020, 1, 97-105.	1.8	56
679	An investigation on phytochemical, antioxidant and antibacterial properties of extract from Eryngium billardieri F. Delaroche. Journal of Food Measurement and Characterization, 2020, 14, 708-715.	1.6	41
680	Antidiabetic effect of Cordia morelosana, chemical and pharmacological studies. Journal of Ethnopharmacology, 2020, 251, 112543.	2.0	9
681	Investigating the sperm parameters, oxidative stress and histopathological effects of salvia miltiorrhiza hydroalcoholic extract in the prevention of testicular ischemia reperfusion damage in rats. Theriogenology, 2020, 144, 98-106.	0.9	17
682	Risk Assessment of Cosmetic Preservatives Using QSAR. International Journal of Quantitative Structure-Property Relationships, 2020, 5, 44-62.	1.1	1
683	Rosmarinic acid inhibits programmed cell death in Solanum tuberosum L. calli under high salinity. Plant Physiology and Biochemistry, 2020, 147, 54-65.	2.8	9

#	Article	IF	Citations
684	Micromeria myrtifolia: The influence of the extracting solvents on phenolic composition and biological activity. Industrial Crops and Products, 2020, 145, 111923.	2.5	11
685	Comprehensive analysis of the molecular docking of small molecule inhibitors to the AÎ²1â€“40peptide and its Osaka-mutant: insights into the molecular mechanisms of AÎ²-peptide inhibition. Journal of Biomolecular Structure and Dynamics, 2020, 38, 4536-4566.	2.0	3
686	Growth, physiological, and antioxidant characteristics in green and red Perilla frutescens varieties as affected by temperature- and water-stressed conditions. Scientia Horticulturae, 2020, 274, 109682.	1.7	13
687	Phytochemical variability of selected basil genotypes. Industrial Crops and Products, 2020, 157, 112910.	2.5	29
688	Epidermal Regeneration Induced by Comfrey Extract: A Study by Light and Electron Microscopy. Skin Pharmacology and Physiology, 2020, 33, 189-197.	1.1	6
689	Diuretic, Natriuretic and Ca2+-Sparing Effects Induced by Rosmarinic and Caffeic Acids in Rats. Revista Brasileira De Farmacognosia, 2020, 30, 588-592.	0.6	13
690	Evaluation of Binding of Rosmarinic Acid with Human Transferrin and Its Impact on the Protein Structure: Targeting Polyphenolic Acid-Induced Protection of Neurodegenerative Disorders. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	26
691	The Quality of Greek Oregano (O. vulgare L. subsp. hirtum (Link) Ietswaart) and Common Oregano (O.) Tj ETQq1 1 0.784314 rgBT /Over	1.9	33
692	A Mass Spectrometry Based Metabolite Profiling Workflow for Selecting Abundant Specific Markers and Their Structurally Related Multi-Component Signatures in Traditional Chinese Medicine Multiâ€Herb Formulae. Frontiers in Pharmacology, 2020, 11, 578346.	1.6	13
693	Integrative omic and transgenic analyses reveal the positive effect of ultravioletâ€B irradiation on salvianolic acid biosynthesis through upregulation of SmNAC1. Plant Journal, 2020, 104, 781-799.	2.8	14
694	Morphological and Chemical Traits as Quality Determinants of Common Thyme (Thymus vulgaris L.), on the Example of â€˜Standard Winterâ€™ Cultivar. Agronomy, 2020, 10, 909.	1.3	15
695	Effects of rosmarinic acid on nervous system disorders: an updated review. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1779-1795.	1.4	53
696	Determination of Rosmarinic acid in plant extracts using a modified sensor based on magnetic imprinted polymeric nanostructures. Sensors and Actuators B: Chemical, 2020, 323, 128668.	4.0	24
697	Rosmarinic Acid Intravitreal Implants: A New Therapeutic Approach for Ocular Neovascularization. Planta Medica, 2020, 86, 1286-1297.	0.7	10
698	Genome-wide characterization and expression profiling of MAPK cascade genes in Salvia miltiorrhiza reveals the function of SmMAPK3 and SmMAPK1 in secondary metabolism. BMC Genomics, 2020, 21, 630.	1.2	9
699	The Impact of Herbal Infusion Consumption on Oxidative Stress and Cancer: The Good, the Bad, the Misunderstood. Molecules, 2020, 25, 4207.	1.7	15
700	Rindera graeca (Boraginaceae) Phytochemical Profile and Biological Activities. Molecules, 2020, 25, 3625.	1.7	11
701	p-Cymene and Rosmarinic Acid Ameliorate TNBS-Induced Intestinal Inflammation Upkeeping ZO-1 and MUC-2: Role of Antioxidant System and Immunomodulation. International Journal of Molecular Sciences, 2020, 21, 5870.	1.8	33

#	Article	IF	Citations
702	Powerful Plant Antioxidants: A New Biosustainable Approach to the Production of Rosmarinic Acid. Antioxidants, 2020, 9, 1273.	2.2	40
703	Sweet Basil Functional Quality as Shaped by Genotype and Macronutrient Concentration Reciprocal Action. Plants, 2020, 9, 1786.	1.6	19
704	Health-Promoting Properties of Plant Products: The Role of Mycorrhizal Fungi and Associated Bacteria. Agronomy, 2020, 10, 1864.	1.3	27
705	Callus Culture of Thai Basil Is an Effective Biological System for the Production of Antioxidants. Molecules, 2020, 25, 4859.	1.7	30
706	Î±-Synuclein and tau, two targets for dementia. Studies in Natural Products Chemistry, 2020, 67, 1-25.	0.8	6
707	Safety and efficacy of Melissa officinalis extract containing rosmarinic acid in the prevention of Alzheimerâ€™s disease progression. Scientific Reports, 2020, 10, 18627.	1.6	27
708	Hair growth potential of Salvia plebeia extract and its associated mechanisms. Pharmaceutical Biology, 2020, 58, 400-409.	1.3	14
709	Systematic Analysis of Kelch Repeat F-box (KFB) Protein Family and Identification of Phenolic Acid Regulation Members in Salvia miltiorrhiza Bunge. Genes, 2020, 11, 557.	1.0	10
710	Light-mediated biosynthesis of phenylpropanoid metabolites and antioxidant potential in callus cultures of purple basil (Ocimum basilicum L. var purpurascens). Plant Cell, Tissue and Organ Culture, 2020, 142, 107-120.	1.2	31
711	Ultraviolet-B-induced changes on phenolic compounds, antioxidant capacity and HPLC profile of in vitro-grown plant materials in Echium orientale L. Industrial Crops and Products, 2020, 153, 112584.	2.5	21
712	Rosmarinic acid exhibits broad anti-enterovirus A71 activity by inhibiting the interaction between the five-fold axis of capsid VP1 and cognate sulfated receptors. Emerging Microbes and Infections, 2020, 9, 1194-1205.	3.0	36
713	Phenolic metabolism in the hornwort Anthoceros agrestis: 4-coumarate CoA ligase and 4-hydroxybenzoate CoA ligase. Plant Cell Reports, 2020, 39, 1129-1141.	2.8	12
714	The Protective Effect of Rosmarinic Acid against Unfavorable Influence of Methylparaben and Propylparaben on Collagen in Human Skin Fibroblasts. Nutrients, 2020, 12, 1282.	1.7	17
715	Establishment of hairy root cultures of Salvia bulleyana Diels for production of polyphenolic compounds. Journal of Biotechnology, 2020, 318, 10-19.	1.9	30
716	Effect of methyl jasmonate on phenolic acids accumulation and the expression profile of their biosynthesis-related genes in Mentha spicata hairy root cultures. Plant Cell, Tissue and Organ Culture, 2020, 142, 285-297.	1.2	30
717	The Antioxidant Rosmarinic Acid Ameliorates Oxidative Lung Damage in Experimental Allergic Asthma via Modulation of NADPH Oxidases and Antioxidant Enzymes. Inflammation, 2020, 43, 1902-1912.	1.7	24
718	Chinese herbal medicine mixture 919 syrup alleviates nonalcoholic fatty liver disease in rats by inhibiting the NF-ÎºB pathway. Biomedicine and Pharmacotherapy, 2020, 128, 110286.	2.5	10
719	A Review of the Anti-Inflammatory Effects of Rosmarinic Acid on Inflammatory Diseases. Frontiers in Pharmacology, 2020, 11, 153.	1.6	163

#	Article	IF	Citations
720	The Interaction of Curcumin and Rosmarinic Acid with Nonâ€Amyloidâ€Component Domain of Alphaâ€Synuclein: A Molecular Dynamics Study. ChemistrySelect, 2020, 5, 3312-3320.	0.7	3
721	Rosmarinic acid protects against 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced dopaminergic neurotoxicity in zebrafish embryos. Toxicology in Vitro, 2020, 65, 104823.	1.1	27
722	Unveiling the interaction profile of rosmarinic acid and its bioactive substructures with serum albumin. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 786-804.	2.5	15
723	Boar sperm quality and oxidative status as affected by rosmarinic acid at 17 Â°C. Tropical Animal Health and Production, 2020, 52, 2169-2177.	0.5	5
724	The radio-protective effect of rosmarinic acid against mobile phone and Wi-Fi radiation-induced oxidative stress in the brains of rats. Pharmacological Reports, 2020, 72, 857-866.	1.5	14
725	The effect of feeding culture media with biogenetic precursors on high production of depsides in agitated shoot cultures of black and red aronias. Plant Cell, Tissue and Organ Culture, 2020, 142, 379-399.	1.2	8
726	Metabolic Engineering of Saccharomyces cerevisiae for Rosmarinic Acid Production. ACS Synthetic Biology, 2020, 9, 1978-1988.	1.9	25
727	Preparation, optimization, characterization and bioevaluation of rosmarinic acid loaded phytovesicles for anti-inflammatory activity. Journal of Drug Delivery Science and Technology, 2020, 59, 101888.	1.4	5
728	New insights into rosmarinic acid biosynthesis based on molecular studies. Current Plant Biology, 2020, 23, 100162.	2.3	38
729	Changes in essential oil composition, phenylalanine ammonia lyase gene expression and rosmarinic acid content during shoot organogenesis in cytokinin-treated Satureja spicigera (C. Koch) boiss. shoots. Journal of Plant Biochemistry and Biotechnology, 2020, 29, 450-460.	0.9	3
730	Variation in phenolic profiles and antioxidant properties among medicinal and culinary herbs of the Lamiaceae family. Journal of Food Measurement and Characterization, 2020, 14, 1720-1732.	1.6	9
731	Fe 2 O 3 nanoparticles induced biochemical responses and expression of genes involved in rosmarinic acid biosynthesis pathway in Moldavian balm under salinity stress. Physiologia Plantarum, 2020, 169, 555-570.	2.6	19
732	Bioactive constituents, vitamin analysis, antioxidant capacity and Î±-glucosidase inhibition of Canna indica L. rhizome extracts. Food Bioscience, 2020, 35, 100544.	2.0	17
733	Establishment of cell suspension cultures of Ocimum basilicum L. and enhanced production of pharmaceutical active ingredients. Industrial Crops and Products, 2020, 148, 112278.	2.5	66
734	Integrative process to extract chlorophyll and purify rosmarinic acid from rosemary leaves () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 T	1.6	6
735	Chemical and pharmacological research on the polyphenol acids isolated from Danshen: A review of salvianolic acids. Advances in Pharmacology, 2020, 87, 1-41.	1.2	41
736	The Evolution of Flavonoid Biosynthesis: A Bryophyte Perspective. Frontiers in Plant Science, 2020, 11, 7.	1.7	126
737	Characterization of the metabolites of rosmarinic acid in human liver microsomes using liquid chromatography combined with electrospray ionization tandem mass spectrometry. Biomedical Chromatography, 2020, 34, e4806.	0.8	11

#	Article	IF	Citations
738	Supercritical antisolvent fractionation of antioxidant compounds from Lavandula luisieri (Rozeira) Riv.-Mart.. Journal of Supercritical Fluids, 2020, 161, 104821.	1.6	7
739	Nanoantioxidantâ€"Based Silica Particles as Flavonoid Carrier for Drug Delivery Applications. Pharmaceutics, 2020, 12, 302.	2.0	26
740	Unraveling Natural Productsâ€™ Role in Osteoarthritis Managementâ€"An Overview. Antioxidants, 2020, 9, 348.	2.2	14
741	Natural Compounds Rosmarinic Acid and Carvacrol Counteract Aluminium-Induced Oxidative Stress. Molecules, 2020, 25, 1807.	1.7	23
742	Augmented healing of full thickness chronic excision wound by rosmarinic acid loaded chitosan encapsulated graphene nanopockets. Drug Development and Industrial Pharmacy, 2020, 46, 878-888.	0.9	23
743	Phenolic composition and biological activities of the in vitro cultured endangered Eryngium viviparum J. Gay. Industrial Crops and Products, 2020, 148, 112325.	2.5	8
744	Production of rosmarinic acid and correlated gene expression in hairy root cultures of green and purple basil (Ocimum basilicum L.). Preparative Biochemistry and Biotechnology, 2021, 51, 35-43.	1.0	18
745	Anti-inflammatory effect of rosmarinic acid isolated from Blechnum brasiliense in adult zebrafish brain. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 239, 108874.	1.3	19
746	Rapid determination of rosmarinic acid and its two bioactive metabolites in the plasma of rats by LCâ€"MS/MS and application to a pharmacokinetics study. Biomedical Chromatography, 2021, 35, e4984.	0.8	9
747	Iron-crosslinked Rososome with robust stability and high drug loading for synergistic cancer therapy. Journal of Controlled Release, 2021, 329, 794-804.	4.8	10
748	Application of 1H-NMR combined with qRT-PCR technology in the exploration of rosmarinic acid biosynthesis in hair roots of Salvia miltiorrhiza Bunge and Salvia castanea f. tomentosa Stib. Planta, 2021, 253, 2.	1.6	12
749	Sequential extraction of carnosic acid, rosmarinic acid and pigments (carotenoids and chlorophylls) from Rosemary by online supercritical fluid extraction-supercritical fluid chromatography. Journal of Chromatography A, 2021, 1639, 461709.	1.8	61
750	Rosmarinic Acidâ€"Human Pharmacokinetics and Health Benefits. Planta Medica, 2021, 87, 273-282.	0.7	75
751	Impact of improving eating habits and rosmarinic acid supplementation on rat vascular and neuronal system in the metabolic syndrome model. British Journal of Nutrition, 2021, 125, 757-767.	1.2	4
752	Horsemint as a potential raw material for the food industry: survey on the chemistry of a less studied mint species. Phytochemistry Reviews, 2021, 20, 631-652.	3.1	8
753	Effects of sorbitol on the production of phenolic compounds and terpenoids in the cell suspension cultures of Ocimum basilicum L.. Biologia (Poland), 2021, 76, 395-409.	0.8	21
754	Evaluating Biotic Elicitation with Phenylalanine and/or Yeast for Rosemary (<i>Rosmarinus officinals</i> L.) Sustainable Improvement under Traditional and Organic Agriculture. Agricultural Sciences, 2021, 12, 273-292.	0.2	0
755	Genotype and Successive Harvests Interaction Affects Phenolic Acids and Aroma Profile of Genovese Basil for Pesto Sauce Production. Foods, 2021, 10, 278.	1.9	41

#	Article	IF	Citations
756	The influence of yeast extract and jasmonic acid on phenolic acids content of in vitro hairy root cultures of Orthosiphon aristatus. Potravinarstvo, 0, 15, 1-8.	0.5	25
757	Comparative study of Danshen and Siwu decoction based on the molecular structures of the components and predicted targets. BMC Complementary Medicine and Therapies, 2021, 21, 42.	1.2	1
758	The Role of Natural Antioxidants in the Prevention of Dementiaâ€"Where Do We Stand and Future Perspectives. Nutrients, 2021, 13, 282.	1.7	28
759	Rosmarinic acid inhibits proliferation and migration, promotes apoptosis and enhances cisplatin sensitivity of melanoma cells through inhibiting ADAM17/EGFR/AKT/GSK3Î² axis. Bioengineered, 2021, 12, 3065-3076.	1.4	28
760	Protective effect of Zataria multiflora Boiss. and its main compound, rosmarinic acid, against malathion induced oxidative stress and apoptosis in HepG2 cells. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 297-306.	0.7	5
761	Recent developments for the analysis and the extraction of bioactive compounds from Rosmarinus officinalis and medicinal plants of the Lamiaceae family. TrAC - Trends in Analytical Chemistry, 2021, 135, 116158.	5.8	12
762	A review on extraction techniques and therapeutic value of polar bioactives from Asian medicinal herbs: Case study on Orthosiphon aristatus, Eurycoma longifolia and Andrographis paniculata. Saudi Pharmaceutical Journal, 2021, 29, 143-165.	1.2	31
763	Rosmarinic acid inhibits cell proliferation, migration, and invasion and induces apoptosis in human glioma cells. International Journal of Molecular Medicine, 2021, 47, .	1.8	22
764	Variation in Phenolic Chemistry in Zostera marina Seagrass along Environmental Gradients. Plants, 2021, 10, 334.	1.6	8
765	Preliminary Identification of Hamamelitannin and Rosmarinic Acid as COVID-19 Inhibitors Based on Molecular Docking. Letters in Drug Design and Discovery, 2021, 18, 67-75.	0.4	7
766	Comparative study of callus culture and leaves of Thunbergia laurifolia for their bioactive constituents and the activation of AMPK and GLUTâ€dependent glucose uptake on rat skeletal muscle (L6) cells. Journal of Food Processing and Preservation, 2021, 45, e15434.	0.9	2
767	Promising Preserving Agents from Sage and Basil: A Case Study with Yogurts. Foods, 2021, 10, 676.	1.9	10
768	Protective effect of oral treatment with Cordia verbenacea extract against UVB irradiation deleterious effects in the skin of hairless mouse. Journal of Photochemistry and Photobiology B: Biology, 2021, 216, 112151.	1.7	6
769	Valorization of Bio-Residues from the Processing of Main Portuguese Fruit Crops: From Discarded Waste to Health Promoting Compounds. Molecules, 2021, 26, 2624.	1.7	20
770	Polyphenols and Pharmacological Screening of a Monarda fistulosa L. dry Extract Based on a Hydrodistilled Residue By-Product. Frontiers in Pharmacology, 2021, 12, 563436.	1.6	22
771	Morpho-Physiological Responses and Secondary Metabolites Modulation by Preharvest Factors of Three Hydroponically Grown Genovese Basil Cultivars. Frontiers in Plant Science, 2021, 12, 671026.	1.7	29
772	Rosmarinic acid protects rats against post-stroke depression after transient focal cerebral ischemic injury through enhancing antioxidant response. Brain Research, 2021, 1757, 147336.	1.1	15
773	Changes in the physical and chemical properties of C. nutans herbal leaves dried under different drying methods. IOP Conference Series: Earth and Environmental Science, 2021, 765, 012011.	0.2	2

#	Article	IF	Citations
774	Comparison of methanolic extracts of Doronicum orientale and Echium angustifolium in terms of chemical composition and antioxidant activities. Biocatalysis and Agricultural Biotechnology, 2021, 33, 101984.	1.5	6
775	Seasonal Variations of Rosmarinic Acid and Its Glucoside and Expression of Genes Related to Their Biosynthesis in Two Medicinal and Aromatic Species of Salvia subg. Perovskia. Biology, 2021, 10, 458.	1.3	8
776	Biosynthesis and Regulatory Mechanisms of Bioactive Compounds in Salvia miltiorrhiza, a Model System for Medicinal Plant Biology. Critical Reviews in Plant Sciences, 2021, 40, 243-283.	2.7	25
777	Phytochemical Fingerprinting and In Vitro Antimicrobial and Antioxidant Activity of the Aerial Parts of Thymus marschallianus Willd. and Thymus seravschanicus Klokov Growing Widely in Southern Kazakhstan. Molecules, 2021, 26, 3193.	1.7	17
778	Rosmarinic Acid Induces Proliferation Suppression of Hepatoma Cells Associated with NF-ÎºB Signaling Pathway. Asian Pacific Journal of Cancer Prevention, 2021, 22, 1623-1632.	0.5	10
779	In-Vivo In-Vitro Screening of Ocimum basilicum L. Ecotypes with Differential UV-B Radiation Sensitivity. Horticulturae, 2021, 7, 101.	1.2	4
780	Bioactive Components of Salvia and Their Potential Antidiabetic Properties: A Review. Molecules, 2021, 26, 3042.	1.7	17
781	In Vivo and In Vitro Protective Effects of Rosmarinic Acid against Doxorubicin-Induced Cardiotoxicity. Nutrition and Cancer, 2022, 74, 747-760.	0.9	17
782	Pharmacokinetic Analysis of Rosmarinic Acid and its Analog in Rat Plasma Using Liquid Chromatographyâ€"Tandem Mass Spectrometry. Journal of Chromatographic Science, 2021, , .	0.7	1
783	Effect of graphene / metal nanocomposites on the key genes involved in rosmarinic acid biosynthesis pathway and its accumulation in Melissa officinalis. BMC Plant Biology, 2021, 21, 260.	1.6	13
784	The Stimulating Effect of Rosmarinic Acid and Extracts from Rosemary and Lemon Balm on Collagen Type I Biosynthesis in Osteogenesis Imperfecta Type I Skin Fibroblasts. Pharmaceutics, 2021, 13, 938.	2.0	8
785	Multi-omics analysis of the bioactive constituents biosynthesis of glandular trichome in Perilla frutescens. BMC Plant Biology, 2021, 21, 277.	1.6	18
786	Protection against UVB deleterious skin effects in a mouse model: effect of a topical emulsion containing Cordia verbenacea extract. Photochemical and Photobiological Sciences, 2021, 20, 1033-1051.	1.6	3
787	The neuroprotective attribution of Ocimum basilicum: a review on the prevention and management of neurodegenerative disorders. Future Journal of Pharmaceutical Sciences, 2021, 7, .	1.1	9
788	Therapeutic potential of ferulic acid and its derivatives in Alzheimerâ€™s diseaseâ€"A systematic review. Chemical Biology and Drug Design, 2021, 98, 713-721.	1.5	16
789	Glutathione- and apolipoprotein E-grafted liposomes to regulate mitogen-activated protein kinases and rescue neurons in Alzheimer's disease. Materials Science and Engineering C, 2021, 127, 112233.	3.8	13
790	Medicinal plants in mitigating electromagnetic radiation-induced neuronal damage: a concise review. Electromagnetic Biology and Medicine, 2021, , 1-14.	0.7	3
791	Oregano authentication by mid-level data fusion of chemical fingerprint signatures acquired by ambient mass spectrometry. Food Control, 2021, 126, 108058.	2.8	27

#	Article	IF	Citations
792	Evaluation of Antimicrobial Potential and Comparison of HPLC Composition, Secondary Metabolites Count, and Antioxidant Activity of Mentha rotundifolia and Mentha pulegium Extracts. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-8.	0.5	10
793	Antioxidant Activity and Anti-Photoaging Effects on UVA-Irradiated Human Fibroblasts of Rosmarinic Acid Enriched Extract Prepared from Thunbergia laurifolia Leaves. Plants, 2021, 10, 1648.	1.6	14
794	Influence of curcumin and rosmarinic acid on disrupting the general properties of Alpha-Synuclein oligomer: Molecular dynamics simulation. Journal of Molecular Graphics and Modelling, 2021, 107, 107963.	1.3	10
795	Synergistic effects of salicylic acid and light stress on bioactive metabolites in basil callus cultures. Biocatalysis and Agricultural Biotechnology, 2021, 37, 102176.	1.5	12
796	Do magnetic field applications affect in vitro regeneration, growth, phenolic profiles, antioxidant potential and defense enzyme activities (SOD, CAT and PAL) in lemon balm (Melissa officinalis L.)?. Industrial Crops and Products, 2021, 169, 113624.	2.5	15
797	Ozone as eustress for enhancing secondary metabolites and bioactive properties in Salvia officinalis. Industrial Crops and Products, 2021, 170, 113730.	2.5	28
798	Formulation and optimization of lemon balm extract loaded azelaic acid-chitosan nanoparticles for antibacterial applications. Journal of Drug Delivery Science and Technology, 2021, 65, 102687.	1.4	4
799	Isolation and evaluation of virucidal activities of flavanone glycosides and rosmarinic acid derivatives from Dracocephalum spp. against feline calicivirus. Phytochemistry, 2021, 191, 112896.	1.4	9
800	Antioxidant and hepatoprotective potential of sweet basil (Ocimum basilicum L.) extract in acetaminophen-induced hepatotoxicity in rats. Journal of Functional Foods, 2021, 87, 104783.	1.6	8
801	Metabolomics and DNA-Based Authentication of Two Traditional Asian Medicinal and Aromatic Species of Salvia subg. Perovskia. Cells, 2021, 10, 112.	1.8	25
802	Structural alterations in the catalytic core of hSIRT2 enzyme predict therapeutic benefits of Garcinia mangostana derivatives in Alzheimer's disease: molecular dynamics simulation study. RSC Advances, 2021, 11, 8003-8018.	1.7	7
803	Speciality Non-food Crops. , 2009, , 569-583.		2
804	High Production of Depsides and Other Phenolic Acids in Different Types of Shoot Cultures of Three Aronias: Aronia melanocarpa, Aronia arbutifolia, AroniaÂÃ—Âprunifolia. Reference Series in Phytochemistry, 2021, , 337-364.	0.2	2
805	Role of Free Radicals in Hearing Loss due to Heavy Metals. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 93-109.	0.4	3
807	Metabolic Engineering Strategies for Enhancing the Production of Bio-active Compounds from Medicinal Plants. , 2019, , 287-316.		12
808	Transgenic Plant Cell Cultures: A Promising Approach for Secondary Metabolite Production. , 2019, , 79-122.		6
809	Arbuscular mycorrhizae induce a global metabolic change and improve the nutritional and health benefits of pennyroyal and parsley. Acta Physiologiae Plantarum, 2020, 42, 1.	1.0	16
810	Rosmarinic acid, a new raw material, doubled monoclonal antibody titer in cell culture manufacturing. Biochemical Engineering Journal, 2020, 160, 107637.	1.8	11

#	Article	IF	Citations
811	Targeted delivery of rosmarinic acid across the bloodâ€"brain barrier for neuronal rescue using polyacrylamide-chitosan-poly(lactide- co -glycolide) nanoparticles with surface cross-reacting material 197 and apolipoprotein E. International Journal of Pharmaceutics, 2017, 528, 228-241.	2.6	39
812	Rosmarinic acid enhanced Fe(III)-mediated Fenton oxidation removal of organic pollutants at near neutral pH. Science of the Total Environment, 2020, 736, 139528.	3.9	25
813	Influence of light-emitting diodes on phenylpropanoid biosynthetic gene expression and phenylpropanoid accumulation in Agastache rugosa. Applied Biological Chemistry, 2020, 63, .	0.7	27
814	Metabolomics Analysis and Biosynthesis of Rosmarinic Acid in Agastache rugosa Kuntze Treated with Methyl Jasmonate. PLoS ONE, 2013, 8, e64199.	1.1	73
815	Cloning and Characterization of a Putative R2R3 MYB Transcriptional Repressor of the Rosmarinic Acid Biosynthetic Pathway from Salvia miltiorrhiza. PLoS ONE, 2013, 8, e73259.	1.1	75
816	Inhibitors of the Glyoxylate Cycle Enzyme ICL1 in Candida albicans for Potential Use as Antifungal Agents. PLoS ONE, 2014, 9, e95951.	1.1	82
817	Î±-Glucosidase Inhibition Kinetics and Molecular Docking Studies with the Bioactive Constituents from Canna indica L. Rhizome Extract. Asian Journal of Chemistry, 2020, 32, 1986-1990.	0.1	6
818	Influences of various factors on hairy root induction in Agastache foeniculum (Pursh) Kuntze. Acta Agriculturae Slovenica, 2016, 107, .	0.2	14
819	Phenolic compounds of herbal infusions obtained from some species of the Lamiaceae family. Current Issues in Pharmacy and Medical Sciences, 2018, 31, 194-199.	0.1	22
820	Cardioprotective Effects of Rosmarinic Acid on Isoproterenol-Induced Myocardial Infarction in Rats. Pharmaceutical Sciences, 2017, 23, 103-111.	0.1	7
821	POLAR BIOACTIVE CONSTITUENTS FROM AERIAL PARTS OFÂTHYMUS LONGICAULISÂC. PRESL. Lettters in Health & Biological Sciences, 2016, 1, 1-4.	0.2	1
822	Selective extraction of caffeic acid derivatives fromOrthosiphon stamineusBenth. (Lamiaceae) leaves. Journal of Planar Chromatography - Modern TLC, 2004, 17, 18-21.	0.6	5
823	DeterminaÃ§Ã£o de Ã¡cido rosmarÃ¬nico em Cordia verbenacea por cromatografia lÃquida: aplicabilidade em estudo sazonal. Revista Brasileira De Plantas Medicinais, 2015, 17, 857-864.	0.3	2
824	Quantification of chlorogenic acid, rosmarinic acid, and caffeic acid contents in selected Thai medicinal plants using RP-HPLC-DAD. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	20
825	Preparation of Fragrant Microcapsule for Reducing Stress. Adhesion and Interface, 2012, 13, 17-23.	0.3	1
826	Effect of Magnetic Field Treatments on Seed Germination of Melissa officinalis L.. International Journal of Secondary Metabolite, 0, , 63-69.	0.5	3
827	Enhancement of Plant Regeneration in Lemon Balm (Melissa officinalis L.) with Different Magnetic Field Applications. International Journal of Secondary Metabolite, 2020, 7, 99-108.	0.5	2
828	Small Molecule Natural Products and Alzheimerâ€™s Disease. Current Topics in Medicinal Chemistry, 2019, 19, 187-204.	1.0	23

#	Article	IF	Citations
829	Analgesic Herbal Medicines in the Treatment of Knee Osteoarthritis: A Systematic Review. Current Rheumatology Reviews, 2019, 15, 290-303.	0.4	14
831	Protective effects of phenolic acids on mercury-induced DNA damage in precision-cut kidney slices. Iranian Journal of Basic Medical Sciences, 2019, 22, 367-375.	1.0	2
832	Production of phenolic acids in hairy root cultures of medicinal plant L. in response to elicitors. Molecular Biology Research Communications, 2020, 9, 23-34.	0.2	11
833	Winter savory (Satureja montana L., Lamiaceae) herb as a promising medicinal raw material for the development of antimicrobial and antioxidant medicines. News of Pharmacy, 2019, .	0.1	1
834	Total phenolic contents, antioxidant and antibacterial activities of chia seeds (Salvia hispanica L.) having different coat color. Akademik Ziraat Dergisi, 0, , 113-120.	0.2	13
835	Phytochemicals: Potential Therapeutic Interventions Against Coronavirus-Associated Lung Injury. Frontiers in Pharmacology, 2020, 11, 588467.	1.6	33
836	From Preclinical Stroke Models to Humans: Polyphenols in the Prevention and Treatment of Stroke. Nutrients, 2021, 13, 85.	1.7	25
837	High Rosmarinic Acid Content in Induced Mutants and in in vitro Elicited Sweet Basil (Ocimum) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	7
838	MMP-13 Inhibitory Activity of Thirteen Selected Plant Species from Okinawa. International Journal of Pharmacology, 2008, 4, 202-207.	0.1	12
839	Growth Optimization of Zataria multiflora Boiss. Tissue Cultures and Rosmarinic Acid Production Improvement. Pakistan Journal of Biological Sciences, 2007, 10, 3395-3399.	0.2	21
840	Antioxidant Potential of Hydro-methanolic Extract of Prasium majus L: An in vitro Study. Pakistan Journal of Biological Sciences, 2013, 16, 1318-1323.	0.2	7
841	Rosmarinic acid elicits neuroprotection in ischemic stroke via Nrf2 and heme oxygenase 1 signaling. Neural Regeneration Research, 2018, 13, 2119.	1.6	62
842	Protective effect of Melissa officinalis extract against H₂O₂-induced oxidative stress in human vascular endothelial cells. Research in Pharmaceutical Sciences, 2016, 11, 383.	0.6	24
843	Development of high-performance thin layer chromatography method for identification of phenolic compounds and quantification of rosmarinic acid content in some species of the Lamiaceae family. Journal of Pharmacy and Bioallied Sciences, 2020, 12, 139.	0.2	26
844	Inhibition of glycation-induced cytotoxicity, protein glycation, and activity of proteolytic enzymes by extract from Perovskia atriplicifolia Roots. Pharmacognosy Magazine, 2017, 13, 676.	0.3	16
845	Optimization of extraction conditions for phenolic acids from the leaves of Melissa officinalis L. using response surface methodology. Pharmacognosy Magazine, 2018, 14, 155.	0.3	11
846	Bioactive Compounds and Antifungal Activities of Extracts of Lamiaceae Species. Journal of Agricultural Chemistry and Environment, 2020, 09, 85-96.	0.2	4
848	Ultraviolet A protective potential of plant extracts and phytochemicals. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2020, 164, 1-22.	0.2	12

#	Article	IF	Citations
849	Elicitor-induced activity of isorinic acid 3'-hydroxylase, an enzyme catalyzing the final step of rosmarinic acid biosynthesis in Lithospermum erythrorhizon cell suspension cultures. Plant Biotechnology, 2006, 23, 297-301.	0.5	8
850	Effect of light quality on rosmarinic acid content and antioxidant activity of sweet basil, Ocimum basilicum L.. Plant Biotechnology, 2009, 26, 255-259.	0.5	87
851	The antioxidative and antimicrobial activity of the aqueous earth smoke (Fumaria officinalis L.): Extract. Advanced Technologies, 2018, 7, 31-40.	0.2	8
852	Metabolic modeling of Rosmarinic acid biosynthetic pathway. Bioinformation, 2010, 5, 168-172.	0.2	4
853	Structure based molecular inhibition of Caspase-8 for treatment of multi-neurodegenerative diseases using known natural compounds. Bioinformation, 2014, 10, 191-195.	0.2	19
854	Effects of Iron Ions on Rosmarinic Acid Production and Antioxidant System in Melissa officinalis L. Seedlings. Annual Research & Review in Biology, 2014, 4, 3359-3372.	0.4	3
855	Acetylcholinesterase Inhibitory Activity After in vitro Gastrointestinal Digestion of Infusions of Mentha Species. European Journal of Medicinal Plants, 2013, 3, 381-393.	0.5	13
856	Aconitum lasiostomum Reichenb. ex Bess. is a promising plant for biotechnology research. Acta Horticulturae, 2021, , 47-54.	0.1	0
857	Rosmarinic acid inhibits DNA glycation and modulates the expression of Akt1 and Akt3 partially in the hippocampus of diabetic rats. Scientific Reports, 2021, 11, 20605.	1.6	6
858	Thiacloprid Induced Developmental Neurotoxicity via ROS-Oxidative Injury and Inflammation in Chicken Embryo: The Possible Attenuating Role of Chicoric and Rosmarinic Acids. Biology, 2021, 10, 1100.	1.3	18
859	AÎ²1â€“40-Induced Platelet Adhesion Is Ameliorated by Rosmarinic Acid through Inhibition of NADPH Oxidase/PKC-Î´/Integrin Î±IIbÎ²3 Signaling. Antioxidants, 2021, 10, 1671.	2.2	5
860	HPTLC and ATR/FTIR Characterization of Antioxidants in Different Rosemary Extracts. Molecules, 2021, 26, 6064.	1.7	13
861	Rosemary species: a review of phytochemicals, bioactivities and industrial applications. South African Journal of Botany, 2022, 151, 3-18.	1.2	11
862	Adventitious rhizogenesis in Basilicum polystachyon (L.) Moench callus and HPLC analysis of phenolic acids. Acta Physiologiae Plantarum, 2021, 43, 1.	1.0	5
863	Rosmarinic Acid and Ulvan from Terrestrial and Marine Sources in Anti-Microbial Bionanosystems and Biomaterials. Applied Sciences (Switzerland), 2021, 11, 9249.	1.3	10
864	Antidepressant- and anxiolytic-like activities of Rosmarinus officinalis extract in rodent models: Involvement of oxytocinergic system. Biomedicine and Pharmacotherapy, 2021, 144, 112291.	2.5	12
865	Monographs of Herbal Principles. Traditional Herbal Medicines for Modern Times, 2010, , 41-372.	0.1	0
867	Pharmacogenetics: Would it be a Reason for the Lack of Potency and Intrinsic Toxicity of Several Natural Medicines?. Journal of Proteomics and Bioinformatics, 2012, 05, .	0.4	0

#	Article	IF	Citations
868	Molecular Cloning, Characterization and Expression Analysis of a Gene Encoding Hydroxyphenylpyruvate Reductase Involved in Rosmarinic Acid Biosynthesis Pathway from Perilla frutescens. Lecture Notes in Electrical Engineering, 2014, , 1807-1820.	0.3	0
869	Origanum vulgare (Lamiaceae) variety specimens as perspective producers of biologically active substances. Ukrainian Botanical Journal, 2014, 71, 90-95.	0.1	0
870	Characterisation and Expression Analysis of Hydroxyphenylpyruvate Reductase derived from Orthosiphon aristatus. Borneo Journal of Resource Science and Technology, 2016, 5, 34-42.	0.3	1
871	Overview of Modern Research on Danshen. , 2015, , 3-17.		2
872	Effect of temperature on photosynthetic capacity and influence of harvesting time on quality of Salvia miltiorrhiza Bunge. Korean Journal of Food Preservation, 2015, 22, 804-810.	0.2	1
873	Crescimento de Chlorella vulgaris (chlorophyta unicelular) na presenÃ§a de compostos fenÃ³licos. Gaia Scientia, 2016, 10, 26-37.	0.0	0
874	Metabolic Engineering of PhenylPropanoids in Plants. , 2016, , 1-26.		0
875	Genetic Engineering and Manipulation of Metabolite Pathways in Salvia Spp.. , 2017, , 399-414.		2
876	Anticancer Activity of Salvia miltiorrhiza and Its Secondary Metabolites. , 2017, , 179-207.		1
877	Prunella vulgaris L. VE Prunella grandiflora L.â€™DEN SAFLAÅžTIRILAN ROSMARÄ°NÄ°K ASÄ°TÄ°N FARKLI TÃœMÃ–R HÃœCRELERÄ° ÃœZERÄ°NDEKÄ° SÄ°TOTOKSÄ°K AKTÄ°VÄ°TESÄ°. Trakya University Journal of Natural Sciences, 0, , .	0.4	1
878	Sustainable Production of Polyphenols and Antioxidants by Plant In Vitro Cultures. Reference Series in Phytochemistry, 2018, , 1-45.	0.2	1
879	Replacing added nitrite by Kitaibelia vitifolia extract in dry fermented Sremska sausage. Acta Agriculturae Serbica, 2018, 23, 37-49.	0.1	0
880	Biochemistry, Biosynthesis, and Medicinal Properties of Phenolic Acids in Salvia miltiorrhiza. Compendium of Plant Genomes, 2019, , 141-162.	0.3	1
881	Enhancement of Rosmarinic Acid Content by Biotechnological Approaches and Metabolic Engineering. , 2019, , 317-330.		0
882	High Production of Depsides and Other Phenolic Acids in Different Types of Shoot Cultures of Three Aronias: Aronia Melanocarpa, Aronia Arbutifolia, AroniaÂÃ—ÂPrunifolia. Reference Series in Phytochemistry, 2019, , 1-29.	0.2	1
883	Phytochemical Analysis and Pharmaceutical Development from Sapindus spp.. , 2019, , 55-88.		0
884	Therapeutic Drugs and Natural Products: The Effect of Suppressing Heat Shock Proteins (Hsp) in Brain Tumors. Heat Shock Proteins, 2019, , 189-208.	0.2	0
885	Rosmarinic acid accumulation in Melissa officinalis shoot cultures is mediated by ABA. Biologia Plantarum, 0, , .	1.9	2

#	Article	IF	Citations
886	Physicochemical Characteristics and Antioxidant Capacity of Bio Drinking Yoghurt Fortified with Salvia officinalis Extract. Asian Journal of Biological Sciences, 2019, 12, 430-436.	0.2	1
887	Investigation of Anticytotoxic and Antigenotoxic Effect of Rosmarinic Acid Against CisplatÄ±n In A549 and Beas-2B Cell Lines. UludaÄŸ Ãœniversitesi TÄ±p FakÃ¼ltesi Dergisi, 2019, 45, 263-270.	0.2	1
888	The functional properties of the vegetable filler MelissaÂofficinalisÂL.Âin the composition of curd products. Vestnik VoroneÅ¾skogo Gosudarstvennogo Universiteta inÅ¾enernyh Tehnologij, 2020, 82, 134-138.	0.1	1
889	Phenolic acids and flavonoids in representatives of genus Lavandula L. grown in southern Russia. Acta Horticulturae, 2020, , 25-30.	0.1	0
890	Influence of CeO2-Nanoparticles on morpho-physiological tritas and tanshinone contents of roots in Salvia miltiorrihiza Bunge upon foliar and soil application methods. Journal of Medicinal Plants, 2020, 19, 168-187.	0.3	3
891	Review of Phytochemical Compounds as Antiviral Agents Against Arboviruses from the Genera Flavivirus and Alphavirus. Current Drug Discovery Technologies, 2020, 17, 484-497.	0.6	2
892	Anticancer Potential of Calli Versus Seedling Extracts Derived from Rosmarinus officinalis and Coleus hybridus. Current Pharmaceutical Biotechnology, 2020, 21, 1528-1538.	0.9	1
893	The neurogenic effects of rosmarinic acid in a mouse model of type 2 diabetes mellitus. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	0
894	CANCER EPIGENETICS AND THE ROLE OF DIETARY ELEMENTS. Gomal Journal of Medical Sciences, 2020, 17, 96-104.	0.1	0
895	Comparison of Neuroprotective Effects of Melissa officinalis Total Extract and Its Acidic and Non-Acidic Fractions against A Î²-Induced Toxicity. Iranian Journal of Pharmaceutical Research, 2013, 12, 415-23.	0.3	14
896	In-vitro Callus Induction and Rosmarinic Acid Quantification in Callus Culture of Satureja khuzistanica Jamzad (Lamiaceae). Iranian Journal of Pharmaceutical Research, 2014, 13, 1447-56.	0.3	14
897	Recent studies on rosmarinic acid and its biological and pharmacological activities. EXCLI Journal, 2014, 13, 1192-5.	0.5	22
898	Acidic Fraction Protects Cultured Cerebellar Granule Neurons Against Beta Amyloid-Induced Apoptosis and Oxidative Stress. Cell Journal, 2017, 18, 556-564.	0.2	10
900	Phenethyl ester of rosmarinic acid attenuates autoimmune responses during type 1 diabetes development in mice. Life Sciences, 2022, 288, 120184.	2.0	2
901	HPTLC and FTIR Fingerprinting of Olive Leaves Extracts and ATR-FTIR Characterisation of Major Flavonoids and Polyphenolics. Molecules, 2021, 26, 6892.	1.7	13
902	CURRENT MEASURES AGAINST OPHTHALMIC COMPLICATIONS OF DIABETES MELLITUS-A SHORT REVIEW. International Journal of Applied Pharmaceutics, 0, , 54-65.	0.3	2
903	Temporary Immersion System for Production of Biomass and Bioactive Compounds from Medicinal Plants. Agronomy, 2021, 11, 2414.	1.3	19
904	Combining DNA Barcoding and Chemical fingerprints to authenticate Lavender raw material. International Journal of Cosmetic Science, 2022, 44, 91-102.	1.2	4

#	Article	IF	Citations
905	Recent Advances in the Application of Biotechnology for Improving the Production of Secondary Metabolites from Quinoa. , 2021, , 373-396.		7
906	The Neonicotinoid Thiacloprid Interferes with the Development, Brain Antioxidants, and Neurochemistry of Chicken Embryos and Alters the Hatchling Behavior: Modulatory Potential of Phytochemicals. Biology, 2022, 11, 73.	1.3	5
907	Involvement of the adenosine A1 receptor in the hypnotic effect of rosmarinic acid. Biomedicine and Pharmacotherapy, 2022, 146, 112483.	2.5	9
908	Methylene Blue Degradation Over Green Fe3O4 Nanocatalyst Fabricated Using Leaf Extract of Rosmarinus officinalis. Topics in Catalysis, 0, , 1.	1.3	3
909	New insights into the competition between antioxidant activities and pro-oxidant risks of rosmarinic acid. RSC Advances, 2022, 12, 1499-1514.	1.7	11
910	Application Potential of Plant-Derived Medicines in Prevention and Treatment of Platinum-Induced Peripheral Neurotoxicity. Frontiers in Pharmacology, 2021, 12, 792331.	1.6	3
911	Natural products can be used in therapeutic management of COVID-19: Probable mechanistic insights. Biomedicine and Pharmacotherapy, 2022, 147, 112658.	2.5	50
912	Chemotyping of commercially available basil (Ocimum basilicum L.) varieties: Cultivar and morphotype influence phenolic acid composition and antioxidant properties. NFS Journal, 2022, 26, 1-9.	1.9	24
913	Potentials of natural antioxidants from plants as antiosteoporotic agents. Studies in Natural Products Chemistry, 2022, , 1-28.	0.8	5
914	A focus on natural products for preventing and cure of mitochondrial dysfunction in Parkinsonâ€™s disease. Metabolic Brain Disease, 2022, 37, 889-900.	1.4	6
915	Wild thyme herbal infusion consumption suppresses tumor growth in a murine model of breast cancer. Current Signal Transduction Therapy, 2022, 17, .	0.3	0
916	Stimulation of phenolic compounds accumulation and antioxidant activity in in vitro culture of Salvia tebesana Bunge in response to nano-TiO2 and methyl jasmonate elicitors. Plant Cell, Tissue and Organ Culture, 2022, 149, 423-440.	1.2	10
917	Unraveling the beneficial effects of herbal Lebanese mixture â€œZaâ€™atarâ€: History, studies, and properties of a potential healthy food ingredient. Journal of Functional Foods, 2022, 90, 104993.	1.6	15
918	Rosmarinic acid alleviates diabetic osteoporosis by suppressing the activation of NLRP3 inflammasome in rats. Physiology International, 2022, 109, 46-57.	0.8	3
919	Change in Secondary Metabolites and Expression Pattern of Key Rosmarinic Acid Related Genes in Iranian Lemon Balm (Melissa officinalis L.) Ecotypes Using Methyl Jasmonate Treatments. Molecules, 2022, 27, 1715.	1.7	7
920	Identification of Polyphenol Substances (MP-1) from Seagrass, Phyllospadix Japonica Makino. Korean Journal of Environmental Agriculture, 2022, 41, 50-54.	0.0	0
921	Natural diversity in phenolic components and antioxidant properties of oregano (Origanum vulgare) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	20
922	Biomedical features and therapeutic potential of rosmarinic acid. Archives of Pharmacal Research, 2022, 45, 205-228.	2.7	51

#	Article	IF	Citations
923	Phytochemical Study of Eryngium cymosum F. Delaroche and the Inhibitory Capacity of Its Main Compounds on Two Glucose-Producing Pathway Enzymes. Plants, 2022, 11, 992.	1.6	5
924	Phytochemical screening and biological evaluation of Salvia hydrangea DC. ex Benth. growing in eastern Anatolia. South African Journal of Botany, 2022, 147, 799-807.	1.2	2
925	MAPKK2/4/5/7-MAPK3-JAZs modulate phenolic acid biosynthesis in Salvia miltiorrhiza. Phytochemistry, 2022, 199, 113177.	1.4	4
926	Phenol-rich alternatives for Rosa x damascena Mill. Efficient phytochemical profiling using different extraction methods and colorimetric assays. Scientific Reports, 2021, 11, 23883.	1.6	4
927	Effect of Chinese Herbal Medicine Mixture 919 Syrup on Regulation of the Ghrelin Pathway and Intestinal Microbiota in Rats With Non-alcoholic Fatty Liver Disease. Frontiers in Microbiology, 2021, 12, 793854.	1.5	4
928	Lamiaceae in Mexican Species, a Great but Scarcely Explored Source of Secondary Metabolites with Potential Pharmacological Effects in Pain Relief. Molecules, 2021, 26, 7632.	1.7	8
929	Phenylpropanoid biosynthetic gene expression and nutrient uptake kinetics for enhanced rosmarinic acid production in suspension cultured cells of Halodule pinifolia. Algal Research, 2022, 64, 102675.	2.4	2
935	Effects of yeast extract on the production of phenylpropanoid metabolites in callus culture of purple basil (Ocimum Basilicum L. var purpurascens) and their in-vitro evaluation for antioxidant potential. Plant Cell, Tissue and Organ Culture, 2022, 150, 543-553.	1.2	10
936	Exogenous Rosmarinic Acid Application Enhances Thermotolerance in Tomatoes. Plants, 2022, 11, 1172.	1.6	6
937	Protection of Oxidative Stress-induced DNA Damage and Apoptosis by Rosmarinic Acid in Murine Myoblast C2C12 Cells. Biotechnology and Bioprocess Engineering, 2022, 27, 171-182.	1.4	8
938	Salvia miltiorrhiza in Breast Cancer Treatment: A Review of Its Phytochemistry, Derivatives, Nanoparticles, and Potential Mechanisms. Frontiers in Pharmacology, 2022, 13, .	1.6	11
939	De novo biosynthesis of p-coumaric acid and caffeic acid from carboxymethyl-cellulose by microbial co-culture strategy. Microbial Cell Factories, 2022, 21, 81.	1.9	7
940	Integrated systems pharmacology and transcriptomics to dissect the mechanisms of Loki Zupa decoction in the treatment of murine allergic asthma. Journal of Ethnopharmacology, 2022, 294, 115351.	2.0	6
941	Eryngo Extract-Mediated Green Synthesis of Silver Nanoparticles and its Antibacterial Activity against Resistance Strains. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 0, 56, 61-73.	0.5	0
942	Kekik, Biberiye ve FesleÄŸen EkstraktlarÄ±nÄ±n -18oC'de Depolanan Uskumru KÃ¶ftelerinin Kimyasal, Duyusal ve Mikrobiyolojik Kalitesine Etkisi. Acta Aquatica Turcica, 2022, 18, 217-235.	0.2	0
943	Elicitor-Induced Metabolomics Analysis of Halodule pinifolia Suspension Culture for an Alternative Antifungal Screening Approach against Candida albicans. Journal of Fungi (Basel, Switzerland), 2022, 8, 609.	1.5	2
944	Development, Characterization and Incorporation of Alginate-Plant Protein Covered Liposomes Containing Ground Ivy (Glechoma hederacea L.) Extract into Candies. Foods, 2022, 11, 1816.	1.9	12
945	Eryngium creticum L.: Chemical Characterization, SARS-CoV-2 Inhibitory Activity, and In Silico Study. ACS Omega, 2022, 7, 22725-22734.	1.6	5

#	Article	IF	Citations
946	Identification of Abietane-Type Diterpenoids and Phenolic Acids Biosynthesis Genes in Salvia apiana Jepson Through Full-Length Transcriptomic and Metabolomic Profiling. Frontiers in Plant Science, 0, 13, .	1.7	3
947	Rosmarinic Acid-Loaded Polymeric Nanoparticles Prepared by Low-Energy Nano-Emulsion Templating: Formulation, Biophysical Characterization, and In Vitro Studies. Materials, 2022, 15, 4572.	1.3	5
948	In vitro antioxidant and anti-denaturation effects of Buglossoides purpurocaerulea (L.) I. M. Johnst. fruit extract. Natural Product Research, 2023, 37, 1012-1015.	1.0	2
949	Rosmarinic acid relieves LPS-induced sickness and depressive-like behaviors in mice by activating the BDNF/Nrf2 signaling and autophagy pathway. Behavioural Brain Research, 2022, 433, 114006.	1.2	15
950	Traditional Uses, Phytochemistry, and Pharmacological Properties of the Genus Blechnumâ€"A Narrative Review. Pharmaceuticals, 2022, 15, 905.	1.7	5
951	Experimental Informational Compilation on Isolation From Herbal Sources and Biological Activity of Rosmarinic Acid. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 314-326.	0.1	0
952	Global use of Ethnomedicinal Plants to Treat Toothache. Biomedical and Pharmacology Journal, 2022, 15, 847-881.	0.2	1
953	Effects of elicitors on secondary metabolite (SM) production and antioxidant activity in sweet basil (Ocimum basilicum L.) cell suspension cultures. Notulae Scientia Biologicae, 2022, 14, 11246.	0.1	4
954	Effects of Different Processing Methods Based on Different Drying Conditions on the Active Ingredients of Salvia miltiorrhiza Bunge. Molecules, 2022, 27, 4860.	1.7	5
955	Plant cell culture technologies: A promising alternatives to produce high-value secondary metabolites. Arabian Journal of Chemistry, 2022, 15, 104161.	2.3	14
956	Quantification of Rosmarinic Acid from Different Plant Species of Lower Himalayan Region and Expression Analysis of Underlying <scp>Lâ€Phenylalanine</scp> Pathway. Physiologia Plantarum, 0, , .	2.6	0
957	Rosmarinic and chlorogenic acid, isolated from ferns, suppress stem cell damage induced by hydrogen peroxide. Journal of Pharmacy and Pharmacology, 2022, 74, 1609-1617.	1.2	2
958	Anxiolytic and antidepressive potentials of rosmarinic acid: A review with a focus on antioxidant and anti-inflammatory effects. Pharmacological Research, 2022, 184, 106421.	3.1	30
959	Multiscale mechanism exploration and experimental optimization for rosmarinic acid extraction from Rosmarinus officinalis using natural deep eutectic solvents. Industrial Crops and Products, 2022, 188, 115637.	2.5	6
960	Overexpression of SmLAC25 promotes lignin accumulation and decreases salvianolic acid content in Salvia miltiorrhiza. Plant Science, 2022, 325, 111462.	1.7	1
962	A Phytocomplex Obtained from Salvia officinalis by Cell Culture Technology Effectively Controls the Grapevine Downy Mildew Pathogen Plasmopara viticola. Plants, 2022, 11, 2675.	1.6	1
963	Auxin sensitivity improves production of rosmarinic acid in transformed hairy roots of Lavandula angustifolia. Biological Communications, 2022, 67, .	0.4	1
964	Nanoparticles Based-Plant Protein Containing Rosmarinus officinalis Essential Oil; Fabrication, Characterization, and Evaluation. Applied Sciences (Switzerland), 2022, 12, 9968.	1.3	5

#	Article	IF	Citations
965	Basil (Ocimum basilicum L.) Leaves as a Source of Bioactive Compounds. Foods, 2022, 11, 3212.	1.9	12
966	Phenolic Profiles, Antioxidant and Anti-Inflammatory Activities of Hydrodistillation Wastewaters from Five Lamiaceae Species. Molecules, 2022, 27, 7427.	1.7	4
967	New Flavonoids from Nonea rossica and Tournefortia sibirica. Chemistry of Natural Compounds, 0, , .	0.2	2
968	Protective Effect of Natural Antioxidants on Reducing Cisplatin-Induced Nephrotoxicity. Disease Markers, 2022, 2022, 1-17.	0.6	6
969	A highly contiguous genome assembly of red perilla (Perilla frutescens) domesticated in Japan. DNA Research, 2023, 30, .	1.5	7
970	SmDXS5, acting as a molecular valve, plays a key regulatory role in the primary and secondary metabolism of tanshinones in Salvia miltiorrhiza. Frontiers in Plant Science, 0, 13, .	1.7	0
971	Biochemical and behavioral effects of rosmarinic acid treatment in an animal model of Parkinsonâ€™s disease induced by MPTP. Behavioural Brain Research, 2023, 440, 114257.	1.2	1
972	Rosmarinic acid 4â€²-O-Î²-glucoside â€“ A compound with prospective medicinal and cosmetological applications - its isolation from callus and root cultures of Eryngium species and biological activity. Industrial Crops and Products, 2023, 193, 116138.	2.5	2
973	Evaluation of Rosmarinic Acid on Broiler Growth Performance, Serum Biochemistry, Liver Antioxidant Activity, and Muscle Tissue Composition. Animals, 2022, 12, 3313.	1.0	2
974	Lactobacillus paracasei HY7015 and Lycopus lucidus Turcz. Extract Promotes Human Dermal Papilla Cell Cytoprotective Effect and Hair Regrowth Rate in C57BL/6 Mice. Molecules, 2022, 27, 8235.	1.7	2
975	Quantitative Analysis of Bioactive Compounds by Highâ€'Performance Liquid Chromatography in Origanum bilgeri. BÃ¼tÃ¼nleyici Ve Anadolu TÄ±bbÄ± Dergisi:, 0, , .	0.5	0
976	Effects of Melissa officinalis Extract Containing Rosmarinic Acid on Cognition in Older Adults Without Dementia: A Randomized Controlled Trial. Journal of Alzheimer's Disease, 2023, 91, 805-814.	1.2	4
977	Five undescribed plant-derived bisphenols from Artemisia capillaris aerial parts: Structure elucidation, anti-hepatoma activities and plausible biogenetic pathway. Arabian Journal of Chemistry, 2023, 16, 104580.	2.3	2
978	Rosmarinic Acid Production from Origanum dictamnus L. Root Liquid Cultures In Vitro. Plants, 2023, 12, 299.	1.6	1
979	Sustainable Synthesis of Î±â€Hydroxycarboxylic Acids by Manganese Catalyzed Acceptorless Dehydrogenative Coupling of Ethylene Glycol and Primary Alcohols**. Angewandte Chemie, 2023, 135, .	1.6	0
980	Sustainable Synthesis of Î±â€Hydroxycarboxylic Acids by Manganese Catalyzed Acceptorless Dehydrogenative Coupling of Ethylene Glycol and Primary Alcohols**. Angewandte Chemie - International Edition, 2023, 62, .	7.2	6
981	Coordinating caffeic acid and salvianic acid A pathways for efficient production of rosmarinic acid in Escherichia coli. Metabolic Engineering, 2023, 76, 29-38.	3.6	10
982	An Update on the Therapeutic Anticancer Potential of Ocimum sanctum L.: â€œElixir of Lifeâ€• Molecules, 2023, 28, 1193.	1.7	6

#	Article	IF	Citations
983	In silico and in vitro elastase inhibition assessment assays of rosmarinic acid natural product from Rosmarinus officinalis Linn. Natural Product Research, 2024, 38, 879-884.	1.0	1
984	PLA films loaded with green tea and rosemary polyphenolic extracts as an active packaging for almond and beef. Food Packaging and Shelf Life, 2023, 36, 101041.	3.3	19
985	In vitro fermentation of rosmarinic acid and lemon balm (Melissa officinalis L., Lamiaceae) extract by probiotic microorganisms. South African Journal of Botany, 2023, 157, 251-257.	1.2	0
986	Rosmarinic acid and its derivatives: Current insights on anticancer potential and other biomedical applications. Biomedicine and Pharmacotherapy, 2023, 162, 114687.	2.5	10
987	Melissa officinalis extracts obtained using maceration, ultrasoundand microwave-assisted extractions: Chemical composition, antioxidant capacity, and physical characteristics. Lekovite Sirovine, 2022, , 51-59.	0.8	0
988	Effects of Carbohydrates on Rosmarinic Acid Production and In Vitro Antimicrobial Activities in Hairy Root Cultures of Agastache rugosa. Plants, 2023, 12, 797.	1.6	9
989	Generating colorful carrot germplasm through metabolic engineering of betalains pigments. Horticulture Research, 2023, 10, .	2.9	5
990	In vitro propagation, phytochemistry and pharmacology of Basilicum polystachyon (L.) Moench (Lamiaceae): A short review. South African Journal of Botany, 2023, 155, 178-186.	1.2	1
991	Novel phytochemical inhibitors targeting monkeypox virus thymidine and serine/threonine kinase: integrating computational modeling and molecular dynamics simulation. Journal of Biomolecular Structure and Dynamics, 2023, 41, 13679-13695.	2.0	6
992	Pharmacology of Rosmarinic Acid against Psychological Disorders. , 2023, , 191-212.		0
993	Chemical Characterization, Antioxidant Activity, and Cytotoxity of Wild-Growing and In Vitro Cultivated Rindera umbellata (Waldst. and Kit.) Bunge. Horticulturae, 2023, 9, 381.	1.2	0
994	An Optimized Protocol for In Vitro Regeneration of Ocimum basilicum cv. FT Italiko. Horticulturae, 2023, 9, 407.	1.2	3
995	Cinnamic acid derivatives as potential matrix metalloproteinase-9 inhibitors: molecular docking and dynamics simulations. Genomics and Informatics, 2023, 21, e9.	0.4	2
996	Cloning, heterologous expression, and functional characterization of a hydroxyphenylpyruvate reductase (HPPR) gene involved in rosmarinic acid biosynthesis in Prunella vulgaris. Plant Cell, Tissue and Organ Culture, 2023, 153, 273-283.	1.2	1
997	The Influence of Methyl Jasmonate on Expression Patterns of Rosmarinic Acid Biosynthesis Genes, and Phenolic Compounds in Different Species of Salvia subg. Perovskia Kar L.. Genes, 2023, 14, 871.	1.0	1
998	Hairy Root Cultures as a Source of Phenolic Antioxidants: Simple Phenolics, Phenolic Acids, Phenylethanoids, and Hydroxycinnamates. International Journal of Molecular Sciences, 2023, 24, 6920.	1.8	8
999	Phytochemicals: A Promising Alternative for the Prevention of Alzheimerâ€™s Disease. Life, 2023, 13, 999.	1.1	4
1040	An Electrode Based on Manganese Dioxide Nanorods and Hexadecylpyridinium Bromide for the Rosmarinic Acid Voltammetric Assay. , 0, , .		0

#	Article	IF	Citations