Navindra P Seeram

List of Publications by Year
in descending order

193 papers	14,003 citations	28190 55 h-index	22102 113 g-index
197 all docs	197 docs citations	197 times ranked	15958 citing authors

#	Article	IF	Citations
1	Role of resveratrol in prevention and therapy of cancer: preclinical and clinical studies. Anticancer Research, 2004, 24, 2783-840.	0.5	987
2	In vitro antiproliferative, apoptotic and antioxidant activities of punicalagin, ellagic acid and a total pomegranate tannin extract are enhanced in combination with other polyphenols as found in pomegranate juice. Journal of Nutritional Biochemistry, 2005, 16, 360-367.	1.9	875
3	Blackberry, Black Raspberry, Blueberry, Cranberry, Red Raspberry, and Strawberry Extracts Inhibit Growth and Stimulate Apoptosis of Human Cancer Cells In Vitro. Journal of Agricultural and Food Chemistry, 2006, 54, 9329-9339.	2.4	638
4	Comparison of Antioxidant Potency of Commonly Consumed Polyphenol-Rich Beverages in the United States. Journal of Agricultural and Food Chemistry, 2008, 56, 1415-1422.	2.4	636
5	Pomegranate Juice, Total Pomegranate Ellagitannins, and Punicalagin Suppress Inflammatory Cell Signaling in Colon Cancer Cells. Journal of Agricultural and Food Chemistry, 2006, 54, 980-985.	2.4	433
6	Berry Fruits: Compositional Elements, Biochemical Activities, and the Impact of Their Intake on Human Health, Performance, and Disease. Journal of Agricultural and Food Chemistry, 2008, 56, 627-629.	2.4	419
7	Pomegranate Juice Ellagitannin Metabolites Are Present in Human Plasma and Some Persist in Urine for Up to 48 Hours. Journal of Nutrition, 2006, 136, 2481-2485.	1.3	385
8	Total Cranberry Extract versus Its Phytochemical Constituents:Â Antiproliferative and Synergistic Effects against Human Tumor Cell Lines. Journal of Agricultural and Food Chemistry, 2004, 52, 2512-2517.	2.4	371
9	Bioavailability of ellagic acid in human plasma after consumption of ellagitannins from pomegranate (Punica granatum L.) juice. Clinica Chimica Acta, 2004, 348, 63-68.	0.5	361
10	Berry Fruits for Cancer Prevention: Current Status and Future Prospects. Journal of Agricultural and Food Chemistry, 2008, 56, 630-635.	2.4	289
11	Isolation and Identification of Strawberry Phenolics with Antioxidant and Human Cancer Cell Antiproliferative Properties. Journal of Agricultural and Food Chemistry, 2008, 56, 670-675.	2.4	283
12	Identification of phenolic compounds in strawberries by liquid chromatography electrospray ionization mass spectroscopy. Food Chemistry, 2006, 97, 1-11.	4.2	276
13	A Comparative Study of Hollow Copper Sulfide Nanoparticles and Hollow Gold Nanospheres on Degradability and Toxicity. ACS Nano, 2013, 7, 8780-8793.	7.3	259
14	Pomegranate Ellagitannin-Derived Metabolites Inhibit Prostate Cancer Growth and Localize to the Mouse Prostate Gland. Journal of Agricultural and Food Chemistry, 2007, 55, 7732-7737.	2.4	257
15	Catechin and Caffeine Content of Green Tea Dietary Supplements and Correlation with Antioxidant Capacity. Journal of Agricultural and Food Chemistry, 2006, 54, 1599-1603.	2.4	225
16	Degradation Products of Cyanidin Glycosides from Tart Cherries and Their Bioactivities. Journal of Agricultural and Food Chemistry, 2001, 49, 4924-4929.	2.4	208
17	Inhibition of Lipid Peroxidation and Structureâ"Activity-Related Studies of the Dietary Constituents Anthocyanins, Anthocyanidins, and Catechins. Journal of Agricultural and Food Chemistry, 2002, 50, 5308-5312.	2.4	189
18	Blueberry Phytochemicals Inhibit Growth and Metastatic Potential of MDA-MB-231 Breast Cancer Cells through Modulation of the Phosphatidylinositol 3-Kinase Pathway. Cancer Research, 2010, 70, 3594-3605.	0.4	180

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19	Characterization, Quantification, and Bioactivities of Anthocyanins in Cornus Species. Journal of Agricultural and Food Chemistry, 2002, 50, 2519-2523.	2.4	179
20	Pomegranate Ellagitanninâ€“Derived Compounds Exhibit Antiproliferative and Antiaromatase Activity in Breast Cancer Cells In vitro. Cancer Prevention Research, 2010, 3, 108-113.	0.7	173
21	Pomegranateâ€™s Neuroprotective Effects against Alzheimerâ€™s Disease Are Mediated by Urolithins, Its Ellagitannin-Gut Microbial Derived Metabolites. ACS Chemical Neuroscience, 2016, 7, 26-33.	1.7	167
22	Safety and Antioxidant Activity of a Pomegranate Ellagitannin-Enriched Polyphenol Dietary Supplement in Overweight Individuals with Increased Waist Size. Journal of Agricultural and Food Chemistry, 2007, 55, 10050-10054.	2.4	163
23	Tart cherry anthocyanins suppress inflammation-induced pain behavior in rat. Behavioural Brain Research, 2004, 153, 181-188.	1.2	154
24	Maple Syrup Phytochemicals Include Lignans, Coumarins, a Stilbene, and Other Previously Unreported Antioxidant Phenolic Compounds. Journal of Agricultural and Food Chemistry, 2010, 58, 11673-11679.	2.4	152
25	Inhibition of Proliferation of Human Cancer Cells and Cyclooxygenase Enzymes by Anthocyanidins and Catechins. Nutrition and Cancer, 2003, 46, 101-106.	0.9	140
26	Pomegranate polyphenols down-regulate expression of androgen-synthesizing genes in human prostate cancer cells overexpressing the androgen receptor. Journal of Nutritional Biochemistry, 2008, 19, 848-855.	1.9	133
27	Pomegranate Juice and Extracts Provide Similar Levels of Plasma and Urinary Ellagitannin Metabolites in Human Subjects. Journal of Medicinal Food, 2008, 11, 390-394.	0.8	133
28	Pomegranate extract inhibits androgen-independent prostate cancer growth through a nuclear factor-ÎºB-dependent mechanism. Molecular Cancer Therapeutics, 2008, 7, 2662-2671.	1.9	129
29	Effects of Fruit Ellagitannin Extracts, Ellagic Acid, and Their Colonic Metabolite, Urolithin A, on Wnt Signaling. Journal of Agricultural and Food Chemistry, 2010, 58, 3965-3969.	2.4	124
30	Evaluation of Polyphenol Anthocyanin-Enriched Extracts of Blackberry, Black Raspberry, Blueberry, Cranberry, Red Raspberry, and Strawberry for Free Radical Scavenging, Reactive Carbonyl Species Trapping, Anti-Glycation, Anti-Î²-Amyloid Aggregation, and Microglial Neuroprotective Effects. International Journal of Molecular Sciences, 2018, 19, 461.	1.8	122
31	Eugenia jambolana Lam. Berry Extract Inhibits Growth and Induces Apoptosis of Human Breast Cancer but Not Non-Tumorigenic Breast Cells. Journal of Agricultural and Food Chemistry, 2009, 57, 826-831.	2.4	119
32	Further Investigation into Maple Syrup Yields 3 New Lignans, a New Phenylpropanoid, and 26 Other Phytochemicals. Journal of Agricultural and Food Chemistry, 2011, 59, 7708-7716.	2.4	102
33	Identification and Bioactivities of Resveratrol Oligomers and Flavonoids from Carex folliculata Seeds. Journal of Agricultural and Food Chemistry, 2009, 57, 7282-7287.	2.4	100
34	Anticancer effects of Chinese red yeast rice versus monacolin K alone on colon cancer cells. Journal of Nutritional Biochemistry, 2008, 19, 448-458.	1.9	98
35	Urolithins Attenuate LPS-Induced Neuroinflammation in BV2Microglia via MAPK, Akt, and NF-ÎºB Signaling Pathways. Journal of Agricultural and Food Chemistry, 2018, 66, 571-580.	2.4	96
36	Pomegranate phenolics inhibit formation of advanced glycation endproducts by scavenging reactive carbonyl species. Food and Function, 2014, 5, 2996-3004.	2.1	92

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37	Half-sandwich rutheniumâ€“arene complexes with thiosemicarbazones: Synthesis and biological evaluation of [(Î·6-p-cymene)Ru(piperonal thiosemicarbazones)Cl]Cl complexes. Journal of Inorganic Biochemistry, 2011, 105, 1019-1029.	1.5	86
38	Dietary Anthocyanin-Rich Tart Cherry Extract Inhibits Intestinal Tumorigenesis in APCMinMice Fed Suboptimal Levels of Sulindac. Journal of Agricultural and Food Chemistry, 2006, 54, 9322-9328.	2.4	85
39	Microwave synthesis of mixed ligand diimineâ€“thiosemicarbazone complexes of ruthenium(ii): biophysical reactivity and cytotoxicity. Dalton Transactions, 2009, , 10757.	1.6	83
40	In vitro evaluation of phenolic-enriched maple syrup extracts for inhibition of carbohydrate hydrolyzing enzymes relevant to type 2 diabetes management. Journal of Functional Foods, 2011, 3, 100-106.	1.6	79
41	Antioxidant and Î±-glucosidase inhibitory phenolics isolated from highbush blueberry flowers. Food Chemistry, 2012, 135, 1929-1937.	4.2	78
42	Resveratrol Oligomers Isolated from Carex Species Inhibit Growth of Human Colon Tumorigenic Cells Mediated by Cell Cycle Arrest. Journal of Agricultural and Food Chemistry, 2011, 59, 8632-8638.	2.4	76
43	Anti-inflammatory Effects of Polyphenolic-Enriched Red Raspberry Extract in an Antigen-Induced Arthritis Rat Model. Journal of Agricultural and Food Chemistry, 2012, 60, 5755-5762.	2.4	76
44	Pistachio Skin Phenolics Are Destroyed by Bleaching Resulting in Reduced Antioxidative Capacities. Journal of Agricultural and Food Chemistry, 2006, 54, 7036-7040.	2.4	75
45	Anticancer effects of maple syrup phenolics and extracts on proliferation, apoptosis, and cell cycle arrest of human colon cells. Journal of Functional Foods, 2012, 4, 185-196.	1.6	74
46	Organometallic ruthenium complexes with thiosemicarbazone ligands: Synthesis, structure and cytotoxicity of [(Î·6-p-cymene)Ru(NS)Cl]+ (NS=9-anthraldehyde thiosemicarbazones). Inorganic Chemistry Communication, 2009, 12, 1094-1098.	1.8	73
47	Î±-Glucosidase Inhibitory Hydrolyzable Tannins from Eugenia jambolana Seeds. Journal of Natural Products, 2012, 75, 1505-1509.	1.5	73
48	Synthesis, Characterisation, and Preliminary In Vitro Studies of Vanadium(IV) Complexes with a Schiff Base and Thiosemicarbazones as Mixed Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 664-677.	1.0	66
49	Pomegranate ellagitannin-gut microbial-derived metabolites, urolithins, inhibit neuroinflammation in vitro. Nutritional Neuroscience, 2019, 22, 185-195.	1.5	65
50	Effects of Cranberry Extracts on Growth and Biofilm Production of Escherichia coli and Staphylococcus species. Phytotherapy Research, 2012, 26, 1371-1374.	2.8	62
51	Maplexins, new Î±-glucosidase inhibitors from red maple (Acer rubrum) stems. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 597-600.	1.0	61
52	Birds Select Fruits with More Anthocyanins and Phenolic Compounds During Autumn Migration. Wilson Journal of Ornithology, 2013, 125, 97-108.	0.1	61
53	Effects of Maple (Acer) Plant Part Extracts on Proliferation, Apoptosis and Cell Cycle Arrest of Human Tumorigenic and Nonâ€tumorigenic Colon Cells. Phytotherapy Research, 2012, 26, 995-1002.	2.8	60
54	Polyphenol Microbial Metabolites Exhibit Gut and Bloodâ€“Brain Barrier Permeability and Protect Murine Microglia against LPS-Induced Inflammation. Metabolites, 2019, 9, 78.	1.3	59

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55	Seasonal Variation of Phenolic Antioxidant-mediated Î±-glucosidase Inhibition of Ascophyllum nodosum. Plant Foods for Human Nutrition, 2011, 66, 313-319.	1.4	58
56	Anti-Inflammatory Effects of Novel Standardized Solid Lipid Curcumin Formulations. Journal of Medicinal Food, 2015, 18, 786-792.	0.8	58
57	Cranberry (Vaccinium macrocarpon) oligosaccharides decrease biofilm formation by uropathogenic Escherichia coli. Journal of Functional Foods, 2015, 17, 235-242.	1.6	58
58	Cyclooxygenase Inhibitory and Antioxidant Compounds from Crabapple Fruits. Journal of Agricultural and Food Chemistry, 2003, 51, 1948-1951.	2.4	56
59	Inhibitory effects of polyphenol punicalagin on type-II collagen degradation in vitro and inflammation in vivo. Chemico-Biological Interactions, 2013, 205, 90-99.	1.7	56
60	Phenolic mediated anti-inflammatory properties of a maple syrup extract in RAW 264.7 murine macrophages. Journal of Functional Foods, 2014, 6, 126-136.	1.6	55
61	Quebecol, a novel phenolic compound isolated from Canadian maple syrup. Journal of Functional Foods, 2011, 3, 125-128.	1.6	53
62	Glucitol-core containing gallotannins inhibit the formation of advanced glycation end-products mediated by their antioxidant potential. Food and Function, 2016, 7, 2213-2222.	2.1	53
63	Recent Trends and Advances in Berry Health Benefits Research. Journal of Agricultural and Food Chemistry, 2010, 58, 3869-3870.	2.4	52
64	Maple polyphenols, ginnalins Aâ€“C, induce S- and G2/M-cell cycle arrest in colon and breast cancer cells mediated by decreasing cyclins A and D1 levels. Food Chemistry, 2013, 136, 636-642.	4.2	51
65	Indazole-Type Alkaloids from Nigella sativa Seeds Exhibit Antihyperglycemic Effects via AMPK Activation in Vitro. Journal of Natural Products, 2014, 77, 2316-2320.	1.5	51
66	New maplexins Fâ€“I and phenolic glycosides from red maple (Acer rubrum) bark. Tetrahedron, 2012, 68, 959-964.	1.0	49
67	Pomegranate (Punica granatum) phenolics ameliorate hydrogen peroxide-induced oxidative stress and cytotoxicity in human keratinocytes. Journal of Functional Foods, 2019, 54, 559-567.	1.6	49
68	Beyond resveratrol: A review of natural stilbenoids identified from 2009â€“2013. Journal of Berry Research, 2013, 3, 181-196.	0.7	48
69	Jamun (Eugenia jambolana Lam.) Fruit Extract Prevents Obesity by Modulating the Gut Microbiome in Highâ€Fatâ€Dietâ€Fed Mice. Molecular Nutrition and Food Research, 2019, 63, e1801307.	1.5	46
70	Antioxidant capacity and phytochemical content of herbs and spices in dry, fresh and blended herb paste form. International Journal of Food Sciences and Nutrition, 2011, 62, 219-225.	1.3	45
71	Levodopa-Reduced Mucuna pruriens Seed Extract Shows Neuroprotective Effects against Parkinsonâ€™s Disease in Murine Microglia and Human Neuroblastoma Cells, Caenorhabditis elegans, and Drosophila melanogaster. Nutrients, 2018, 10, 1139.	1.7	45
72	Inhibitory Effect of Cannabidiol on the Activation of NLRP3 Inflammasome Is Associated with Its Modulation of the P2X7 Receptor in Human Monocytes. Journal of Natural Products, 2020, 83, 2025-2029.	1.5	45

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73	Chemical Compositional, Biological, and Safety Studies of a Novel Maple Syrup Derived Extract for Nutraceutical Applications. Journal of Agricultural and Food Chemistry, 2014, 62, 6687-6698.	2.4	40
74	Phenolic Glycosides from Sugar Maple (Acer saccharum) Bark. Journal of Natural Products, 2011, 74, 2472-2476.	1.5	39
75	A novel copper(II) complex identified as a potent drug against colorectal and breast cancer cells and as a poison inhibitor for human topoisomerase IIÎ±. Inorganic Chemistry Communication, 2016, 64, 45-49.	1.8	39
76	Anti-glycation and anti-oxidative effects of a phenolic-enriched maple syrup extract and its protective effects on normal human colon cells. Food and Function, 2017, 8, 757-766.	2.1	39
77	Ginnalin A Inhibits Aggregation, Reverses Fibrillogenesis, and Alleviates Cytotoxicity of Amyloid Î²(1â€“42). ACS Chemical Neuroscience, 2020, 11, 638-647.	1.7	39
78	Euphomilones A and B, ent-Rosane Diterpenoids with 7/5/6 and 5/7/6 Skeletons from Euphorbia milii. Organic Letters, 2016, 18, 6132-6135.	2.4	38
79	Synthesis and structure of [(Î·6-p-cymene)Ru(2-anthracen-9-ylmethylene-N-ethylhydrazinecarbothioamide)Cl]Cl; biological evaluation, topoisomerase II inhibition and reaction with DNA and human serum albumin. Metallomics, 2011, 3, 491.	1.0	37
80	Fluvirosaones A and B, Two Indolizidine Alkaloids with a Pentacyclic Skeleton from Flueggea virosa. Organic Letters, 2018, 20, 991-994.	2.4	37
81	Plasma Clearance of Lovastatin Versus Chinese Red Yeast Rice in Healthy Volunteers. Journal of Alternative and Complementary Medicine, 2005, 11, 1031-1038.	2.1	36
82	The traditional ayurvedic medicine, <scp>E</scp>ugenia jambolana (<scp>J</scp>amun) Tj ETQq0 0 0 rgBT /Overlock 10 T 32, 560-573.	1.9	36
83	Structure activity related, mechanistic, and modeling studies of gallotannins containing a glucitol-core and Î±-glucosidase. RSC Advances, 2015, 5, 107904-107915.	1.7	36
84	Pterosin Sesquiterpenoids from Pteris cretica as Hypolipidemic Agents via Activating Liver X Receptors. Journal of Natural Products, 2016, 79, 3014-3021.	1.5	36
85	Synthesis and characterization of mixed-ligand diimine-piperonal thiosemicarbazone complexes of ruthenium(II): Biophysical investigations and biological evaluation as anticancer and antibacterial agents. Journal of Molecular Structure, 2011, 992, 39-47.	1.8	35
86	Pasteurized and sterilized maple sap as functional beverages: Chemical composition and antioxidant activities. Journal of Functional Foods, 2013, 5, 1582-1590.	1.6	35
87	Small molecule inhibitors against PD-1/PD-L1 immune checkpoints and current methodologies for their development: a review. Cancer Cell International, 2021, 21, 239.	1.8	35
88	Chinese Red Yeast Rice Versus Lovastatin Effects on Prostate Cancer Cells With and Without Androgen Receptor Overexpression. Journal of Medicinal Food, 2008, 11, 657-666.	0.8	34
89	Development of a neuroprotective potential algorithm for medicinal plants. Neurochemistry International, 2016, 100, 164-177.	1.9	34
90	Ultraâ€fast liquid chromatography coupled with electrospray ionization timeâ€ofâ€flight mass spectrometry for the rapid phenolic profiling of red maple (Acer rubrum) leaves. Journal of Separation Science, 2018, 41, 2331-2346.	1.3	34

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91	Comparative analysis of maple syrups and natural sweeteners: Carbohydrates composition and classification (differentiation) by HPAEC-PAD and FTIR spectroscopy-chemometrics. Journal of Food Composition and Analysis, 2016, 52, 1-8.	1.9	33
92	Antidiabetic Ellagitannins from Pomegranate Flowers: Inhibition of Î±-Glucosidase and Lipogenic Gene Expression. Organic Letters, 2012, 14, 5358-5361.	2.4	32
93	Highly potent anti-proliferative effects of a gallium(III) complex with 7-chloroquinoline thiosemicarbazone as a ligand: Synthesis, cytotoxic and antimalarial evaluation. European Journal of Medicinal Chemistry, 2014, 86, 81-86.	2.6	32
94	Effects of a Standardized Phenolic-Enriched Maple Syrup Extract on Î²-Amyloid Aggregation, Neuroinflammation in Microglial and Neuronal Cells, and Î²-Amyloid Induced Neurotoxicity in Caenorhabditis elegans. Neurochemical Research, 2016, 41, 2836-2847.	1.6	32
95	New Phenolics from the Flowers of Punica granatum and Their In Vitro Î±-Glucosidase Inhibitory Activities. Planta Medica, 2013, 79, 1674-1679.	0.7	31
96	Emerging Research Supporting the Positive Effects of Berries on Human Health and Disease Prevention. Journal of Agricultural and Food Chemistry, 2012, 60, 5685-5686.	2.4	30
97	Cytotoxicity and structure activity relationship studies of maplexins Aâ€“I, gallotannins from red maple (Acer rubrum). Food and Chemical Toxicology, 2012, 50, 1369-1376.	1.8	29
98	N-Acyl Dehydrotyrosines, Tyrosinase Inhibitors from the Marine Bacterium Thalassotalea sp. PP2-459. Journal of Natural Products, 2016, 79, 447-450.	1.5	29
99	Phloroglucinol Derivatives with Protein Tyrosine Phosphatase 1B Inhibitory Activities from Eugenia jambolana Seeds. Journal of Natural Products, 2017, 80, 544-550.	1.5	29
100	Liquid chromatography coupled with timeâ€ofâ€flight tandem mass spectrometry for comprehensive phenolic characterization of pomegranate fruit and flower extracts used as ingredients in botanical dietary supplements. Journal of Separation Science, 2018, 41, 3022-3033.	1.3	29
101	Thymoquinone, a bioactive component ofNigella sativa, normalizes insulin secretion from pancreatic Î²-cells under glucose overload via regulation of malonyl-CoA. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E394-E404.	1.8	28
102	Chemical composition and anti-hyperglycaemic effects of triterpenoid enriched Eugenia jambolana Lam. berry extract. Journal of Functional Foods, 2017, 28, 1-10.	1.6	27
103	The hydrolyzable gallotannin, penta-O-galloyl-Î²-<scp>d</scp>-glucopyranoside, inhibits the formation of advanced glycation endproducts by protecting protein structure. Molecular BioSystems, 2015, 11, 1338-1347.	2.9	26
104	Hypoglycemic and hypolipidemic effects of triterpenoid-enriched Jamun (Eugenia jambolana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	26
105	Impact of Berry Phytochemicals on Human Health: Effects beyond Antioxidation. ACS Symposium Series, 2007, , 326-336.	0.5	25
106	Anticancer activity and biophysical reactivity of copper complexes of 2-(benzo[d][1,3]dioxol-5-ylmethylene)-N-alkylhydrazinecarbothioamides. Inorganic Chemistry Communication, 2012, 15, 225-229.	1.8	25
107	Cosmetic applications of glucitol-core containing gallotannins from a proprietary phenolic-enriched red maple (Acer rubrum) leaves extract: inhibition of melanogenesis via down-regulation of tyrosinase and melanogenic gene expression in B16F10 melanoma cells. Archives of Dermatological Research, 2017, 309, 265-274.	1.1	25
108	Chinese Red Yeast Rice Inhibition of Prostate Tumor Growth in SCID Mice. Cancer Prevention Research, 2011, 4, 608-615.	0.7	24

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109	Isolation, Identification, and Biological Evaluation of Phenolic Compounds from a Traditional North American Confectionery, Maple Sugar. Journal of Agricultural and Food Chemistry, 2017, 65, 4289-4295.	2.4	24
110	Cannabidiol Protects Human Skin Keratinocytes from Hydrogen-Peroxide-Induced Oxidative Stress via Modulation of the Caspase-1â€“IL-1Î² Axis. Journal of Natural Products, 2021, 84, 1563-1572.	1.5	24
111	Bioactive acylphloroglucinols from Hypericum densiflorum. Phytotherapy Research, 2009, 23, 1759-1762.	2.8	23
112	Dietary antioxidants and flight exercise in female birds affect allocation of nutrients to eggs: how carry-over effects work. Journal of Experimental Biology, 2016, 219, 2716-2725.	0.8	23
113	Effect of cranberry (Vaccinium macrocarpon) oligosaccharides on the formation of advanced glycation end-products. Journal of Berry Research, 2016, 6, 149-158.	0.7	23
114	A phase I pilot study evaluating the beneficial effects of black raspberries in patients with Barrettâ€™s esophagus. Oncotarget, 2018, 9, 35356-35372.	0.8	23
115	Detection of Inulin, a Prebiotic Polysaccharide, in Maple Syrup. Journal of Agricultural and Food Chemistry, 2016, 64, 7142-7147.	2.4	22
116	New Sesquiterpenoids from Eugenia jambolana Seeds and Their Anti-microbial Activities. Journal of Agricultural and Food Chemistry, 2017, 65, 10214-10222.	2.4	22
117	Simultaneous quantification of free curcuminoids and their metabolites in equine plasma by LC-ESIâ€“MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 31-39.	1.4	22
118	Phenolics from Eugenia jambolana seeds with advanced glycation endproduct formation and alpha-glucosidase inhibitory activities. Food and Function, 2018, 9, 4246-4254.	2.1	22
119	Equol, a Bloodâ€“Brain Barrier Permeable Gut Microbial Metabolite of Dietary Isoflavone Daidzein, Exhibits Neuroprotective Effects against Neurotoxins Induced Toxicity in Human Neuroblastoma SH-SY5Y Cells and Caenorhabditis elegans. Plant Foods for Human Nutrition, 2020, 75, 512-517.	1.4	22
120	ThymocidÂ®, a Standardized Black Cumin (Nigella sativa) Seed Extract, Modulates Collagen Cross-Linking, Collagenase and Elastase Activities, and Melanogenesis in Murine B16F10 Melanoma Cells. Nutrients, 2020, 12, 2146.	1.7	22
121	Effects of Pomegranate Juice on Hormonal Biomarkers of Breast Cancer Risk. Nutrition and Cancer, 2015, 67, 1113-1119.	0.9	20
122	Cytotoxic gallium complexes containing thiosemicarbazones derived from 9-anthraldehyde: Molecular docking with biomolecules. Journal of Molecular Structure, 2016, 1121, 156-166.	1.8	20
123	Phenolic Compounds Isolated and Identified from Amla (Phyllanthus emblica) Juice Powder and their Antioxidant and Neuroprotective Activities. Natural Product Communications, 2018, 13, 1934578X1801301.	0.2	20
124	Anti-neuroinflammatory effects of a food-grade phenolic-enriched maple syrup extract in a mouse model of Alzheimerâ€™s disease. Nutritional Neuroscience, 2021, 24, 710-719.	1.5	20
125	Cytotoxicity of aporphines in human colon cancer cell lines HCT-116 and Caco-2: An SAR study. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4462-4464.	1.0	19
126	Synthesis and tyrosinase inhibitory activities of 4-oxobutanoate derivatives of carvacrol and thymol. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 56-58.	1.0	19

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127	Cytoprotective effects of a proprietary red maple leaf extract and its major polyphenol, ginnalin A, against hydrogen peroxide and methylglyoxal induced oxidative stress in human keratinocytes. Food and Function, 2020, 11, 5105-5114.	2.1	19
128	New Antiglycative Compounds from Cumin (Cuminum cyminum) Spice. Journal of Agricultural and Food Chemistry, 2015, 63, 10097-10102.	2.4	18
129	Synthesis and antiproliferative activities of quebecol and its analogs. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5329-5331.	1.0	17
130	Berries and Human Health: Research Highlights from the Fifth Biennial Berry Health Benefits Symposium. Journal of Agricultural and Food Chemistry, 2014, 62, 3839-3841.	2.4	17
131	Development and UFLC-MS/MS Characterization of a Product-Specific Standard for Phenolic Quantification of Maple-Derived Foods. Journal of Agricultural and Food Chemistry, 2016, 64, 3311-3317.	2.4	17
132	Hepatoprotective and anti-inflammatory effects of a standardized pomegranate (Punica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T Sciences and Nutrition, 2021, 72, 499-510.	1.3	17
133	Pomegranate extract modulates processing of amyloid-Î² precursor protein in an aged Alzheimer's disease animal model. Current Alzheimer Research, 2014, 11, 834-43.	0.7	17
134	Blackcurrant anthocyanins stimulated cholesterol transport via post-transcriptional induction of LDL receptor in Caco-2 cells. European Journal of Nutrition, 2018, 57, 405-415.	1.8	16
135	Pectic Oligosaccharides from Cranberry Prevent Quiescence and Persistence in the Uropathogenic Escherichia coli CFT073. Scientific Reports, 2019, 9, 19590.	1.6	15
136	Glucitol-core containing gallotannins-enriched red maple (Acer rubrum) leaves extract alleviated obesity via modulating short-chain fatty acid production in high-fat diet-fed mice. Journal of Functional Foods, 2020, 70, 103970.	1.6	15
137	A Network Pharmacology Approach to Identify Potential Molecular Targets for Cannabidiol's Anti-Inflammatory Activity. Cannabis and Cannabinoid Research, 2021, 6, 288-299.	1.5	15
138	Acylphloroglucinol and xanthones from Hypericum ellipticum. Phytochemistry, 2011, 72, 662-667.	1.4	14
139	Inhibitory Effects and Surface Plasmon Resonance-Based Binding Affinities of Dietary Hydrolyzable Tannins and Their Gut Microbial Metabolites on SARS-CoV-2 Main Protease. Journal of Agricultural and Food Chemistry, 2021, 69, 12197-12208.	2.4	14
140	Inhibitory Effects of Cannabinoids on Acetylcholinesterase and Butyrylcholinesterase Enzyme Activities. Medical Cannabis and Cannabinoids, 2022, 5, 85-94.	1.2	14
141	Seasonal influence on phenolic-mediated antihyperglycemic properties of Canadian sugar and red maple leaves using in vitro assay models. Food Science and Biotechnology, 2012, 21, 753-760.	1.2	13
142	Berry fruit extracts inhibit growth and induce apoptosis of high-risk acute lymphoblastic leukemia cells in vitro. Journal of Functional Foods, 2010, 2, 187-195.	1.6	12
143	Acer rubrum phenolics include A-type procyanidins and a chalcone. Biochemical Systematics and Ecology, 2012, 44, 1-3.	0.6	12
144	Novel microwave synthesis of halfâ€sandwich [(Î·⁶â€C₆H₆)Ru] complexes and an evaluation of the biological activity and biochemical reactivity. Applied Organometallic Chemistry, 2013, 27, 425-434.	1.7	12

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145	Hydrolyzable Tannins Are Iron Chelators That Inhibit DNA Repair Enzyme ALKBH2. Chemical Research in Toxicology, 2019, 32, 1082-1086.	1.7	12
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