

Navindra P Seeram

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192
papers

11,374
citations

51
h-index

103
g-index

197
ext. papers

12,512
ext. citations

4.1
avg, IF

6.45
L-index

#	Paper	IF	Citations
192	Role of resveratrol in prevention and therapy of cancer: preclinical and clinical studies. <i>Anticancer Research</i> , 2004 , 24, 2783-840	2.3	900
191	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. <i>Journal of Nutritional Biochemistry</i> , 2005 , 16, 360-7	6.3	713
190	Blackberry, black raspberry, blueberry, cranberry, red raspberry, and strawberry extracts inhibit growth and stimulate apoptosis of human cancer cells in vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 9329-39	5.7	551
189	Comparison of antioxidant potency of commonly consumed polyphenol-rich beverages in the United States. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 1415-22	5.7	539
188	Berry fruits: compositional elements, biochemical activities, and the impact of their intake on human health, performance, and disease. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 627-9	5.7	364
187	Pomegranate juice, total pomegranate ellagitannins, and punicalagin suppress inflammatory cell signaling in colon cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 980-5	5.7	345
186	Total cranberry extract versus its phytochemical constituents: antiproliferative and synergistic effects against human tumor cell lines. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2512-7	5.7	339
185	Pomegranate juice ellagitannin metabolites are present in human plasma and some persist in urine for up to 48 hours. <i>Journal of Nutrition</i> , 2006 , 136, 2481-5	4.1	316
184	Bioavailability of ellagic acid in human plasma after consumption of ellagitannins from pomegranate (<i>Punica granatum</i> L.) juice. <i>Clinica Chimica Acta</i> , 2004 , 348, 63-8	6.2	315
183	Berry fruits for cancer prevention: current status and future prospects. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 630-5	5.7	263
182	Isolation and identification of strawberry phenolics with antioxidant and human cancer cell antiproliferative properties. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 670-5	5.7	247
181	Identification of phenolic compounds in strawberries by liquid chromatography electrospray ionization mass spectroscopy. <i>Food Chemistry</i> , 2006 , 97, 1-11	8.5	234
180	Pomegranate ellagitannin-derived metabolites inhibit prostate cancer growth and localize to the mouse prostate gland. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7732-7	5.7	217
179	A comparative study of hollow copper sulfide nanoparticles and hollow gold nanospheres on degradability and toxicity. <i>ACS Nano</i> , 2013 , 7, 8780-93	16.7	199
178	Catechin and caffeine content of green tea dietary supplements and correlation with antioxidant capacity. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1599-603	5.7	181
177	Degradation products of cyanidin glycosides from tart cherries and their bioactivities. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 4924-9	5.7	175
176	Inhibition of lipid peroxidation and structure-activity-related studies of the dietary constituents anthocyanins, anthocyanidins, and catechins. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 5308-12	5.7	163

175	Characterization, quantification, and bioactivities of anthocyanins in Cornus species. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2519-23	5.7	151
174	Blueberry phytochemicals inhibit growth and metastatic potential of MDA-MB-231 breast cancer cells through modulation of the phosphatidylinositol 3-kinase pathway. <i>Cancer Research</i> , 2010 , 70, 3594-605	10.1	150
173	Tart cherry anthocyanins suppress inflammation-induced pain behavior in rat. <i>Behavioural Brain Research</i> , 2004 , 153, 181-8	3.4	138
172	Pomegranate ellagitannin-derived compounds exhibit antiproliferative and antiaromatase activity in breast cancer cells in vitro. <i>Cancer Prevention Research</i> , 2010 , 3, 108-13	3.2	135
171	Safety and antioxidant activity of a pomegranate ellagitannin-enriched polyphenol dietary supplement in overweight individuals with increased waist size. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 10050-4	5.7	131
170	Pomegranate® Neuroprotective Effects against Alzheimer® Disease Are Mediated by Urolithins, Its Ellagitannin-Gut Microbial Derived Metabolites. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 26-33	5.7	128
169	Maple syrup phytochemicals include lignans, coumarins, a stilbene, and other previously unreported antioxidant phenolic compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 11673-9	5.7	127
168	Inhibition of proliferation of human cancer cells and cyclooxygenase enzymes by anthocyanidins and catechins. <i>Nutrition and Cancer</i> , 2003 , 46, 101-6	2.8	124
167	Pomegranate juice and extracts provide similar levels of plasma and urinary ellagitannin metabolites in human subjects. <i>Journal of Medicinal Food</i> , 2008 , 11, 390-4	2.8	116
166	Pomegranate extract inhibits androgen-independent prostate cancer growth through a nuclear factor-kappaB-dependent mechanism. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2662-71	6.1	109
165	Pomegranate polyphenols down-regulate expression of androgen-synthesizing genes in human prostate cancer cells overexpressing the androgen receptor. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 848-55	6.3	109
164	Eugenia jambolana Lam. berry extract inhibits growth and induces apoptosis of human breast cancer but not non-tumorigenic breast cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 826-31	5.7	107
163	Effects of fruit ellagitannin extracts, ellagic acid, and their colonic metabolite, urolithin A, on Wnt signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3965-9	5.7	104
162	Identification and bioactivities of resveratrol oligomers and flavonoids from Carex folliculata seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 7282-7	5.7	83
161	Further investigation into maple syrup yields 3 new lignans, a new phenylpropanoid, and 26 other phytochemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 7708-16	5.7	80
160	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-βAmyloid Aggregation, and Microglial Neuroprotective Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1010-20	6.3	78
159	Half-sandwich ruthenium(II) arene complexes with thiosemicarbazones: synthesis and biological evaluation of [(η ⁵ -cymene)Ru(piperonal thiosemicarbazones)Cl]Cl complexes. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1019-29	4.2	78
158	Dietary anthocyanin-rich tart cherry extract inhibits intestinal tumorigenesis in APC(Min) mice fed suboptimal levels of sulindac. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 9322-8	5.7	76

157	Microwave synthesis of mixed ligand diimine-thiosemicarbazone complexes of ruthenium(II): biophysical reactivity and cytotoxicity. <i>Dalton Transactions</i> , 2009 , 10757-64	4.3	75
156	Anticancer effects of Chinese red yeast rice versus monacolin K alone on colon cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 448-58	6.3	75
155	Pomegranate phenolics inhibit formation of advanced glycation endproducts by scavenging reactive carbonyl species. <i>Food and Function</i> , 2014 , 5, 2996-3004	6.1	69
154	In vitro evaluation of phenolic-enriched maple syrup extracts for inhibition of carbohydrate hydrolyzing enzymes relevant to type 2 diabetes management. <i>Journal of Functional Foods</i> , 2011 , 3, 100-106	5.1	68
153	Resveratrol oligomers isolated from Carex species inhibit growth of human colon tumorigenic cells mediated by cell cycle arrest. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 8632-8	5.7	67
152	Antioxidant and α -glucosidase inhibitory phenolics isolated from highbush blueberry flowers. <i>Food Chemistry</i> , 2012 , 135, 1929-37	8.5	65
151	Anti-inflammatory effects of polyphenolic-enriched red raspberry extract in an antigen-induced arthritis rat model. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 5755-62	5.7	63
150	Organometallic ruthenium complexes with thiosemicarbazone ligands: Synthesis, structure and cytotoxicity of [(eta-p-cymene)Ru(NS)Cl] (NS = 9-anthraldehyde thiosemicarbazones). <i>Inorganic Chemistry Communication</i> , 2009 , 12, 1094-1098	3.1	63
149	Urolithins Attenuate LPS-Induced Neuroinflammation in BV2 Microglia via MAPK, Akt, and NF- κ B Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 571-580	5.7	62
148	Pistachio skin phenolics are destroyed by bleaching resulting in reduced antioxidative capacities. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 7036-40	5.7	60
147	Anticancer effects of maple syrup phenolics and extracts on proliferation, apoptosis, and cell cycle arrest of human colon cells. <i>Journal of Functional Foods</i> , 2012 , 4, 185-196	5.1	59
146	α -Glucosidase inhibitory hydrolyzable tannins from Eugenia jambolana seeds. <i>Journal of Natural Products</i> , 2012 , 75, 1505-9	4.9	59
145	Synthesis, characterization, and preliminary studies of vanadium(IV) complexes with a Schiff base and thiosemicarbazones as mixed-ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 664-677	2.3	55
144	Maplexins, new α -glucosidase inhibitors from red maple (<i>Acer rubrum</i>) stems. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 597-600	2.9	52
143	Cyclooxygenase inhibitory and antioxidant compounds from crabapple fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 1948-51	5.7	52
142	Seasonal variation of phenolic antioxidant-mediated α -glucosidase inhibition of <i>Ascophyllum nodosum</i> . <i>Plant Foods for Human Nutrition</i> , 2011 , 66, 313-9	3.9	51
141	Effects of cranberry extracts on growth and biofilm production of <i>Escherichia coli</i> and <i>Staphylococcus</i> species. <i>Phytotherapy Research</i> , 2012 , 26, 1371-4	6.7	50
140	Recent trends and advances in berry health benefits research. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3869-70	5.7	50

139	Effects of maple (Acer) plant part extracts on proliferation, apoptosis and cell cycle arrest of human tumorigenic and non-tumorigenic colon cells. <i>Phytotherapy Research</i> , 2012 , 26, 995-1002	6.7	49
138	Quebecol, a novel phenolic compound isolated from Canadian maple syrup. <i>Journal of Functional Foods</i> , 2011 , 3, 125-128	5.1	46
137	Phenolic mediated anti-inflammatory properties of a maple syrup extract in RAW 264.7 murine macrophages. <i>Journal of Functional Foods</i> , 2014 , 6, 126-136	5.1	45
136	Maple polyphenols, ginnalins A-C, induce S- and G2/M-cell cycle arrest in colon and breast cancer cells mediated by decreasing cyclins A and D1 levels. <i>Food Chemistry</i> , 2013 , 136, 636-42	8.5	44
135	Birds Select Fruits with More Anthocyanins and Phenolic Compounds During Autumn Migration. <i>Wilson Journal of Ornithology</i> , 2013 , 125, 97-108	0.4	44
134	Glucitol-core containing gallotannins inhibit the formation of advanced glycation end-products mediated by their antioxidant potential. <i>Food and Function</i> , 2016 , 7, 2213-22	6.1	44
133	Cranberry () oligosaccharides decrease biofilm formation by uropathogenic. <i>Journal of Functional Foods</i> , 2015 , 17, 235-242	5.1	43
132	Inhibitory effects of polyphenol punicalagin on type-II collagen degradation in vitro and inflammation in vivo. <i>Chemico-Biological Interactions</i> , 2013 , 205, 90-9	5	43
131	Anti-Inflammatory Effects of Novel Standardized Solid Lipid Curcumin Formulations. <i>Journal of Medicinal Food</i> , 2015 , 18, 786-92	2.8	43
130	New maplexins F and phenolic glycosides from red maple (Acer rubrum) bark. <i>Tetrahedron</i> , 2012 , 68, 959-964	2.4	41
129	Beyond resveratrol: A review of natural stilbenoids identified from 2009-2013. <i>Journal of Berry Research</i> , 2013 , 3, 181-196	2	41
128	Pomegranate ellagitannin-gut microbial-derived metabolites, urolithins, inhibit neuroinflammation in vitro. <i>Nutritional Neuroscience</i> , 2019 , 22, 185-195	3.6	39
127	Antioxidant capacity and phytochemical content of herbs and spices in dry, fresh and blended herb paste form. <i>International Journal of Food Sciences and Nutrition</i> , 2011 , 62, 219-25	3.7	36
126	Indazole-type alkaloids from Nigella sativa seeds exhibit antihyperglycemic effects via AMPK activation in vitro. <i>Journal of Natural Products</i> , 2014 , 77, 2316-20	4.9	34
125	Synthesis and characterization of mixed-ligand diimine-piperonal thiosemicarbazone complexes of ruthenium(II): Biophysical investigations and biological evaluation as anticancer and antibacterial agents. <i>Journal of Molecular Structure</i> , 2011 , 992, 39-47	3.4	33
124	Pomegranate () Phenolics Ameliorate Hydrogen Peroxide-Induced Oxidative Stress and Cytotoxicity in Human Keratinocytes. <i>Journal of Functional Foods</i> , 2019 , 54, 559-567	5.1	33
123	Levodopa-Reduced Seed Extract Shows Neuroprotective Effects against Parkinson Disease in Murine Microglia and Human Neuroblastoma Cells, , and. <i>Nutrients</i> , 2018 , 10,	6.7	32
122	Phenolic glycosides from sugar maple (Acer saccharum) bark. <i>Journal of Natural Products</i> , 2011 , 74, 2472-469		32

121	Chemical compositional, biological, and safety studies of a novel maple syrup derived extract for nutraceutical applications. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 6687-98	5.7	31
120	Synthesis and structure of [(η^5 -p-cymene)Ru(2-anthracen-9-ylmethylene-N-ethylhydrazinecarbothioamide)Cl]Cl; biological evaluation, topoisomerase II inhibition and reaction with DNA and human serum albumin. <i>Metallomics</i> , 2011 , 3, 491-502	4.5	31
119	Polyphenol Microbial Metabolites Exhibit Gut and Blood?Brain Barrier Permeability and Protect Murine Microglia against LPS-Induced Inflammation. <i>Metabolites</i> , 2019 , 9,	5.6	30
118	The traditional ayurvedic medicine, <i>Eugenia jambolana</i> (Jamun fruit), decreases liver inflammation, injury and fibrosis during cholestasis. <i>Liver International</i> , 2012 , 32, 560-73	7.9	30
117	A novel copper(II) complex identified as a potent drug against colorectal and breast cancer cells and as a poison inhibitor for human topoisomerase II. <i>Inorganic Chemistry Communication</i> , 2016 , 64, 45-49	3.1	29
116	Highly potent anti-proliferative effects of a gallium(III) complex with 7-chloroquinoline thiosemicarbazone as a ligand: synthesis, cytotoxic and antimalarial evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014 , 86, 81-6	6.8	29
115	Pasteurized and sterilized maple sap as functional beverages: Chemical composition and antioxidant activities. <i>Journal of Functional Foods</i> , 2013 , 5, 1582-1590	5.1	29
114	Structure Activity Related, Mechanistic, and Modeling Studies of Gallotannins containing a Glucitol-Core and -Glucosidase. <i>RSC Advances</i> , 2015 , 5, 107904-107915	3.7	29
113	Pterisin Sesquiterpenoids from <i>Pteris cretica</i> as Hypolipidemic Agents via Activating Liver X Receptors. <i>Journal of Natural Products</i> , 2016 , 79, 3014-3021	4.9	28
112	Euphomilones A and B, ent-Rosane Diterpenoids with 7/5/6 and 5/7/6 Skeletons from <i>Euphorbia milii</i> . <i>Organic Letters</i> , 2016 , 18, 6132-6135	6.2	27
111	Chemical composition and anti-hyperglycaemic effects of triterpenoid enriched <i>Eugenia jambolana</i> Lam. berry extract. <i>Journal of Functional Foods</i> , 2017 , 28, 1-10	5.1	27
110	New phenolics from the flowers of <i>Punica granatum</i> and their in vitro α -glucosidase inhibitory activities. <i>Planta Medica</i> , 2013 , 79, 1674-9	3.1	27
109	Fluvirosaines A and B, Two Indolizidine Alkaloids with a Pentacyclic Skeleton from <i>Flueggea virosa</i> . <i>Organic Letters</i> , 2018 , 20, 991-994	6.2	26
108	Emerging research supporting the positive effects of berries on human health and disease prevention. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 5685-6	5.7	26
107	Chinese red yeast rice versus lovastatin effects on prostate cancer cells with and without androgen receptor overexpression. <i>Journal of Medicinal Food</i> , 2008 , 11, 657-66	2.8	26
106	Plasma clearance of lovastatin versus chinese red yeast rice in healthy volunteers. <i>Journal of Alternative and Complementary Medicine</i> , 2005 , 11, 1031-8	2.4	26
105	Jamun (<i>Eugenia jambolana</i> Lam.) Fruit Extract Prevents Obesity by Modulating the Gut Microbiome in High-Fat-Diet-Fed Mice. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801307	5.9	26
104	Anti-glycation and anti-oxidative effects of a phenolic-enriched maple syrup extract and its protective effects on normal human colon cells. <i>Food and Function</i> , 2017 , 8, 757-766	6.1	25

103	Effects of a Standardized Phenolic-Enriched Maple Syrup Extract on β Amyloid Aggregation, Neuroinflammation in Microglial and Neuronal Cells, and β Amyloid Induced Neurotoxicity in <i>Caenorhabditis elegans</i> . <i>Neurochemical Research</i> , 2016 , 41, 2836-2847	4.6	24
102	Antidiabetic ellagitannins from pomegranate flowers: inhibition of β glucosidase and lipogenic gene expression. <i>Organic Letters</i> , 2012 , 14, 5358-61	6.2	24
101	Cytotoxicity and structure activity relationship studies of maplexins A-I, gallotannins from red maple (<i>Acer rubrum</i>). <i>Food and Chemical Toxicology</i> , 2012 , 50, 1369-76	4.7	24
100	Thymoquinone, a bioactive component of <i>Nigella sativa</i> , normalizes insulin secretion from pancreatic β cells under glucose overload via regulation of malonyl-CoA. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E394-404	6	23
99	Anticancer activity and biophysical reactivity of copper complexes of 2-(benzo[d][1,3]dioxol-5-ylmethylene)-N-alkylhydrazinocarbothioamides. <i>Inorganic Chemistry Communication</i> , 2012 , 15, 225-229	3.1	23
98	Development of a neuroprotective potential algorithm for medicinal plants. <i>Neurochemistry International</i> , 2016 , 100, 164-177	4.4	23
97	Ginnalin A Inhibits Aggregation, Reverses Fibrillogenesis, and Alleviates Cytotoxicity of Amyloid β (1-42). <i>ACS Chemical Neuroscience</i> , 2020 , 11, 638-647	5.7	22
96	Effect of cranberry () oligosaccharides on the formation of advanced glycation end-products. <i>Journal of Berry Research</i> , 2016 , 6, 149-158	2	22
95	Phloroglucinol Derivatives with Protein Tyrosine Phosphatase 1B Inhibitory Activities from <i>Eugenia jambolana</i> Seeds. <i>Journal of Natural Products</i> , 2017 , 80, 544-550	4.9	21
94	Cosmetic applications of glucitol-core containing gallotannins from a proprietary phenolic-enriched red maple (<i>Acer rubrum</i>) leaves extract: inhibition of melanogenesis via down-regulation of tyrosinase and melanogenic gene expression in B16F10 melanoma cells. <i>Archives of Dermatological Research</i> , 2017 , 309, 265-274	3.3	19
93	Ultra-fast liquid chromatography coupled with electrospray ionization time-of-flight mass spectrometry for the rapid phenolic profiling of red maple (<i>Acer rubrum</i>) leaves. <i>Journal of Separation Science</i> , 2018 , 41, 2331-2346	3.4	19
92	The hydrolyzable gallotannin, penta-O-galloyl- β -D-glucopyranoside, inhibits the formation of advanced glycation endproducts by protecting protein structure. <i>Molecular BioSystems</i> , 2015 , 11, 1338-47		19
91	Chinese red yeast rice inhibition of prostate tumor growth in SCID mice. <i>Cancer Prevention Research</i> , 2011 , 4, 608-15	3.2	19
90	Dietary antioxidants and flight exercise in female birds affect allocation of nutrients to eggs: how carry-over effects work. <i>Journal of Experimental Biology</i> , 2016 , 219, 2716-25	3	19
89	Comparative analysis of maple syrups and natural sweeteners: Carbohydrates composition and classification (differentiation) by HPAEC-PAD and FTIR spectroscopy-chemometrics. <i>Journal of Food Composition and Analysis</i> , 2016 , 52, 1-8	4.1	19
88	N-Acyl Dehydrotyrosines, Tyrosinase Inhibitors from the Marine Bacterium <i>Thalassotalea</i> sp. PP2-459. <i>Journal of Natural Products</i> , 2016 , 79, 447-50	4.9	18
87	Bioactive acylphloroglucinols from <i>Hypericum densiflorum</i> . <i>Phytotherapy Research</i> , 2009 , 23, 1759-62	6.7	18
86	Isolation, Identification, and Biological Evaluation of Phenolic Compounds from a Traditional North American Confectionery, Maple Sugar. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 4289-4295	5.7	17

85	Berries and human health: research highlights from the Fifth Biennial Berry Health Benefits Symposium. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 3839-41	5.7	17
84	Hypoglycemic and hypolipidemic effects of triterpenoid-enriched Jamun (<i>Eugenia jambolana</i> Lam.) fruit extract in streptozotocin-induced type 1 diabetic mice. <i>Food and Function</i> , 2018 , 9, 3330-3337	6.1	17
83	Cytotoxic gallium complexes containing thiosemicarbazones derived from 9-anthraldehyde: Molecular docking with biomolecules. <i>Journal of Molecular Structure</i> , 2016 , 1121, 156-166	3.4	16
82	Phenolics from <i>Eugenia jambolana</i> seeds with advanced glycation endproduct formation and alpha-glucosidase inhibitory activities. <i>Food and Function</i> , 2018 , 9, 4246-4254	6.1	16
81	Synthesis and antiproliferative activities of quebecol and its analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5329-31	2.9	16
80	Impact of Berry Phytochemicals on Human Health: Effects beyond Antioxidation. <i>ACS Symposium Series</i> , 2007 , 326-336	0.4	16
79	Effects of Pomegranate Juice on Hormonal Biomarkers of Breast Cancer Risk. <i>Nutrition and Cancer</i> , 2015 , 67, 1113-9	2.8	15
78	Inhibitory Effect of Cannabidiol on the Activation of NLRP3 Inflammasome Is Associated with Its Modulation of the P2X7 Receptor in Human Monocytes. <i>Journal of Natural Products</i> , 2020 , 83, 2025-2029	4.9	15
77	Detection of Inulin, a Prebiotic Polysaccharide, in Maple Syrup. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 7142-7	5.7	15
76	Liquid chromatography coupled with time-of-flight tandem mass spectrometry for comprehensive phenolic characterization of pomegranate fruit and flower extracts used as ingredients in botanical dietary supplements. <i>Journal of Separation Science</i> , 2018 , 41, 3022-3033	3.4	15
75	New Antiglycative Compounds from Cumin (<i>Cuminum cyminum</i>) Spice. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 10097-102	5.7	14
74	Cytotoxicity of aporphines in human colon cancer cell lines HCT-116 and Caco-2: an SAR study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 4462-4	2.9	14
73	Pomegranate extract modulates processing of amyloid- β precursor protein in an aged Alzheimer's disease animal model. <i>Current Alzheimer Research</i> , 2014 , 11, 834-43	3	14
72	Simultaneous quantification of free curcuminoids and their metabolites in equine plasma by LC-ESI-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 154, 31-39	3.5	13
71	New Sesquiterpenoids from <i>Eugenia jambolana</i> Seeds and Their Anti-microbial Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 10214-10222	5.7	13
70	A phase I pilot study evaluating the beneficial effects of black raspberries in patients with Barrett's esophagus. <i>Oncotarget</i> , 2018 , 9, 35356-35372	3.3	13
69	Synthesis and tyrosinase inhibitory activities of 4-oxobutanoate derivatives of carvacrol and thymol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 56-58	2.9	13
68	Berry fruit extracts inhibit growth and induce apoptosis of high-risk acute lymphoblastic leukemia cells in vitro. <i>Journal of Functional Foods</i> , 2010 , 2, 187-195	5.1	12

67	Development and UFLC-MS/MS Characterization of a Product-Specific Standard for Phenolic Quantification of Maple-Derived Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 3311-7	5.7	12
66	Phenolic Compounds Isolated and Identified from Amla (<i>Phyllanthus emblica</i>) Juice Powder and their Antioxidant and Neuroprotective Activities. <i>Natural Product Communications</i> , 2018 , 13, 1934578X1801301 ¹²	6.9	11
65	Blackcurrant anthocyanins stimulated cholesterol transport via post-transcriptional induction of LDL receptor in Caco-2 cells. <i>European Journal of Nutrition</i> , 2018 , 57, 405-415	5.2	11
64	<i>Acer rubrum</i> phenolics include A-type procyanidins and a chalcone. <i>Biochemical Systematics and Ecology</i> , 2012 , 44, 1-3	1.4	10
63	Novel microwave synthesis of half-sandwich [(η -C ₆ H ₆)Ru] complexes and an evaluation of the biological activity and biochemical reactivity. <i>Applied Organometallic Chemistry</i> , 2013 , 27, 425-434	3.1	10
62	Growth arrest and induction of apoptosis in high-risk leukemia cells by strawberry components in vitro. <i>Journal of Functional Foods</i> , 2009 , 1, 153-160	5.1	10
61	Acylphloroglucinol and xanthenes from <i>Hypericum ellipticum</i> . <i>Phytochemistry</i> , 2011 , 72, 662-7	4	10
60	Equol, a Blood-Brain Barrier Permeable Gut Microbial Metabolite of Dietary Isoflavone Daidzein, Exhibits Neuroprotective Effects against Neurotoxins Induced Toxicity in Human Neuroblastoma SH-SY5Y Cells and <i>Caenorhabditis elegans</i> . <i>Plant Foods for Human Nutrition</i> , 2020 , 75, 512-517	3.9	10
59	Small molecule inhibitors against PD-1/PD-L1 immune checkpoints and current methodologies for their development: a review. <i>Cancer Cell International</i> , 2021 , 21, 239	6.4	10
58	Glucitol-core containing gallotannins-enriched red maple (<i>Acer rubrum</i>) leaves extract alleviated obesity via modulating short-chain fatty acid production in high-fat diet-fed mice. <i>Journal of Functional Foods</i> , 2020 , 70, 103970	5.1	9
57	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. <i>Food and Function</i> , 2020 , 11, 5105-5114	6.1	9
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40	New galloyl derivative from winged sumac (<i>Rhus copallinum</i>) fruit. <i>Natural Product Communications</i> , 2012 , 7, 45-6	0.9	6
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