

Navindra P Seeram

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Anti-inflammatory Activities of Cranberry Fruit Extracts in Human THP-1 Monocytes are Influenced by Their Phytochemical Composition. <i>ACS Food Science & Technology</i> , 2022 , 2, 75-83		1
191	Characterization of molecular interactions between cannabidiol and human plasma proteins (serum albumin and Iglobulin) by surface plasmon resonance, microcalorimetry, and molecular docking.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 214, 114750	3.5	0
190	Anti-neuroinflammatory effects of a food-grade phenolic-enriched maple syrup extract in a mouse model of Alzheimer's disease. <i>Nutritional Neuroscience</i> , 2021 , 24, 710-719	3.6	8
189	Dietary polyphenol oleuropein and its metabolite hydroxytyrosol are moderate skin permeable elastase and collagenase inhibitors with synergistic cellular antioxidant effects in human skin fibroblasts. <i>International Journal of Food Sciences and Nutrition</i> , 2021 , 1-11	3.7	0
188	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
187	Cannabidiol Protects Human Skin Keratinocytes from Hydrogen-Peroxide-Induced Oxidative Stress via Modulation of the Caspase-1-IL-1 β Axis. <i>Journal of Natural Products</i> , 2021 , 84, 1563-1572	4.9	5
186	Compounds from <i>Mucuna pruriens</i> Seeds and their Neuroprotective Effects. <i>Chemistry of Natural Compounds</i> , 2021 , 57, 585-587	0.7	
185	Evaluation of cannabidiol's inhibitory effect on alpha-glucosidase and its stability in simulated gastric and intestinal fluids. <i>Journal of Cannabis Research</i> , 2021 , 3, 20	2.5	2
184	A Network Pharmacology Approach to Identify Potential Molecular Targets for Cannabidiol's Anti-Inflammatory Activity. <i>Cannabis and Cannabinoid Research</i> , 2021 , 6, 288-299	4.6	3
183	Hepatoprotective and anti-inflammatory effects of a standardized pomegranate () fruit extract in high fat diet-induced obese C57BL/6 mice. <i>International Journal of Food Sciences and Nutrition</i> , 2021 , 72, 499-510	3.7	4
182	Synthesis and biological evaluations of oleanolic acid indole derivatives as hyaluronidase inhibitors with enhanced skin permeability. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 1665-1678	5.6	2
181	Pomegranate (<i>Punica granatum</i>) extract and its polyphenols reduce the formation of methylglyoxal-DNA adducts and protect human keratinocytes against methylglyoxal-induced oxidative stress. <i>Journal of Functional Foods</i> , 2021 , 83, 104564	5.1	1
180	Inhibitory Effects and Surface Plasmon Resonance-Based Binding Affinities of Dietary Hydrolyzable Tannins and Their Gut Microbial Metabolites on SARS-CoV-2 Main Protease. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 12197-12208	5.7	6
179	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
178	Celosiadines A and B, unusual guanidine alkaloids from. <i>Natural Product Research</i> , 2020 , 1-5	2.3	
177	Ginnalin A Inhibits Aggregation, Reverses Fibrillogenesis, and Alleviates Cytotoxicity of Amyloid (1-42). <i>ACS Chemical Neuroscience</i> , 2020 , 11, 638-647	5.7	22
176	Antioxidant and tyrosinase docking studies of heterocyclic sulfide derivatives containing a thymol moiety. <i>Inorganica Chimica Acta</i> , 2020 , 505, 119495	2.7	6

175	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
174	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
173	Inhibiting thrombin improves motor function and decreases oxidative stress in the LRRK2 transgenic <i>Drosophila melanogaster</i> model of Parkinson's disease. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 527, 532-538	3.4	6
172	Barringtonenol C-type Triterpenoid Saponins from the Stem Bark of Norway Maple (<i>Acer Platanoides</i>). <i>Planta Medica</i> , 2020 , 86, 70-77	3.1	4
171	Synthesis and evaluation of apoptotic induction of human cancer cells by ester derivatives of thujone. <i>Medicinal Chemistry Research</i> , 2020 , 29, 268-280	2.2	2
170	Short-term treatment with dabigatran alters protein expression patterns in a late-stage tau-based Alzheimer's disease mouse model. <i>Biochemistry and Biophysics Reports</i> , 2020 , 24, 100862	2.2	1
169	Inhibitory effects of skin permeable glucitol-core containing gallotannins from red maple leaves on elastase and their protective effects on human keratinocytes. <i>Journal of Functional Foods</i> , 2020 , 75, 104208	5.1	6
168	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
167	Thymocid, a Standardized Black Cumin (<i>Nigella arvensis</i>) Seed Extract, Modulates Collagen Cross-Linking, Collagenase and Elastase Activities, and Melanogenesis in Murine B16F10 Melanoma Cells. <i>Nutrients</i> , 2020 , 12,	6.7	8
166	Anti-amebic effects of Chinese rhubarb (<i>Rheum officinale</i>) leaves extract, the anthraquinone rhein and related compounds. <i>Heliyon</i> , 2020 , 6, e03693	3.6	5
165	Phenolic-enriched maple syrup extract protects human keratinocytes against hydrogen peroxide and methylglyoxal induced cytotoxicity. <i>Dermatologic Therapy</i> , 2020 , 33, e13426	2.2	4
164	Heterocyclic keto sulfide derivatives of carvacrol: Synthesis and copper (II) ion reducing capacity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 126636	2.9	2
163	Hydrolyzable Tannins Are Iron Chelators That Inhibit DNA Repair Enzyme ALKBH2. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1082-1086	4	8
162	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
161	Keto Acids React with Human Serum Albumin to Form Products Similar to Advanced Glycation Endproducts (SAGEs). <i>FASEB Journal</i> , 2019 , 33, 632.2	0.9	
160	Jasmine (<i>Jasminum officinale</i> L. var. <i>grandiflorum</i>) Flower Extracts Inhibit the Formation of Methylglyoxal Induced Advanced Glycation Endproducts. <i>FASEB Journal</i> , 2019 , 33, 471.21-471.21	0.9	
159	Pomegranate (<i>Punica granatum</i>) 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
158	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

157	Pectic Oligosaccharides from Cranberry Prevent Quiescence and Persistence in the Uropathogenic <i>Escherichia coli</i> CFT073. <i>Scientific Reports</i> , 2019 , 9, 19590	4.9	6
156	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
155	Pomegranate ellagitannin-gut microbial-derived metabolites, urolithins, inhibit neuroinflammation in vitro. <i>Nutritional Neuroscience</i> , 2019 , 22, 185-195	3.6	39
154	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
153	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
152	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
151	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
150	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
149	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- β Amyloid Aggregation, and Microglial Neuroprotective Effects. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	78
148	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
147	Levodopa-Reduced Seed Extract Shows Neuroprotective Effects against Parkinson's Disease in Murine Microglia and Human Neuroblastoma Cells, and. <i>Nutrients</i> , 2018 , 10,	6.7	32
146	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
145	Pomegranate phenolics inhibit type I collagen cross-linking induced by glycative stress. <i>FASEB Journal</i> , 2018 , 32, 656.35	0.9	
144	Protective Effects of a Red Maple (<i>Acer rubrum</i>) Leaves Extract on Human Keratinocytes against H ₂ O ₂ -induced Oxidative Stress. <i>FASEB Journal</i> , 2018 , 32, 656.33	0.9	2
143	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	0.9	12
142	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
141	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
140	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

139	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
138	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
137	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
136	Bioactive Glucitol-Core Containing Gallotannins and other Phytochemicals from Silver Maple (<i>Acer saccharinum</i>) Leaves. <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701200	0.9	1
135	Pretty Picky for a Generalist: Impacts of Toxicity and Nutritional Quality on Mantid Prey Processing. <i>Environmental Entomology</i> , 2017 , 46, 626-632	2.1	3
134	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
133	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
132	Impact of Consuming Toxic Monarch Caterpillars on Adult Chinese Mantid Mass Gain and Fecundity. <i>Insects</i> , 2017 , 8,	2.8	7
131	Bioactive Glucitol-Core Containing Gallotannins and other Phytochemicals from Silver Maple (<i>Acer saccharinum</i>) Leaves. <i>Natural Product Communications</i> , 2017 , 12, 83-84	0.9	3
130	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
129	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
128	Effect of cranberry () oligosaccharides on the formation of advanced glycation end-products. <i>Journal of Berry Research</i> , 2016 , 6, 149-158	2	22
127	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
126	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
125	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
124	Rhizoleucinoside, a Rhamnolipid-Amino Alcohol Hybrid from the Rhizobial Symbiont <i>Bradyrhizobium</i> sp. BTAi1. <i>Organic Letters</i> , 2016 , 18, 1490-3	6.2	8
123	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
122	Pomegranate γ Neuroprotective Effects against Alzheimer γ Disease Are Mediated by Urolithins, Its Ellagitannin-Gut Microbial Derived Metabolites. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 26-33	5.7	128

121	Advances in berry research: The sixth Biennial Berry Health Benefits Symposium1. <i>Journal of Berry Research</i> , 2016 , 6, 93-95	2	5
120	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
119	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
118	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
117	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
116	Detection of Inulin, a Prebiotic Polysaccharide, in Maple Syrup. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 7142-7	5.7	15
115	Development of a neuroprotective potential algorithm for medicinal plants. <i>Neurochemistry International</i> , 2016 , 100, 164-177	4.4	23
114	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
113	Cranberry () oligosaccharides decrease biofilm formation by uropathogenic. <i>Journal of Functional Foods</i> , 2015 , 17, 235-242	5.1	43
112	Effects of Pomegranate Juice on Hormonal Biomarkers of Breast Cancer Risk. <i>Nutrition and Cancer</i> , 2015 , 67, 1113-9	2.8	15
111	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
110	Red Maple (<i>Acer Rubrum</i>) Aerial Parts as a Source of Bioactive Phenolics. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	4
109	Phenolic Constituents of <i>Carex vulpinoidea</i> Seeds and their Tyrosinase Inhibitory Activities. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	4
108	New Gallotannin and other Phytochemicals from Sycamore Maple (<i>Acer pseudoplatanus</i>) Leaves. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501001	0.9	4
107	The hydrolyzable gallotannin, penta-O-galloyl-D-glucopyranoside, inhibits the formation of advanced glycation endproducts by protecting protein structure. <i>Molecular BioSystems</i> , 2015 , 11, 1338-47		19
106	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
105	Anti-Inflammatory Effects of Novel Standardized Solid Lipid Curcumin Formulations. <i>Journal of Medicinal Food</i> , 2015 , 18, 786-92	2.8	43
104	Phenolic constituents of <i>Carex vulpinoidea</i> seeds and their tyrosinase inhibitory activities. <i>Natural Product Communications</i> , 2015 , 10, 491-3	0.9	3

103	Red Maple (<i>Acer rubrum</i>) Aerial Parts as a Source of Bioactive Phenolics. <i>Natural Product Communications</i> , 2015 , 10, 1409-12	0.9	8
102	New Gallotannin and other Phytochemicals from Sycamore Maple (<i>Acer pseudoplatanus</i>) Leaves. <i>Natural Product Communications</i> , 2015 , 10, 1977-80	0.9	7
101	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
100	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
99	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
98	Indazole-type alkaloids from <i>Nigella sativa</i> seeds exhibit antihyperglycemic effects via AMPK activation in vitro. <i>Journal of Natural Products</i> , 2014 , 77, 2316-20	4.9	34
97	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
96	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
95	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
94	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
93	Synthesis and antiproliferative activities of quebecol and its analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5329-31	2.9	16
92	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
91	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
90	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
89	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
88	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
87	Beyond resveratrol: A review of natural stilbenoids identified from 2009-2013. <i>Journal of Berry Research</i> , 2013 , 3, 181-196	2	41
86	Novel microwave synthesis of half-sandwich $[(\beta\text{-C}_6\text{H}_6)\text{Ru}]$ complexes and an evaluation of the biological activity and biochemical reactivity. <i>Applied Organometallic Chemistry</i> , 2013 , 27, 425-434	3.1	10

85	Anticancer activity and biophysical reactivity of copper complexes of 2-(benzo[d][1,3]dioxol-5-ylmethylene)-N-alkylhydrazinecarbothioamides. <i>Inorganic Chemistry Communication</i> , 2012 , 15, 225-229	3.1	23
84	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
83	New maplexins β - and phenolic glycosides from red maple (<i>Acer rubrum</i>) bark. <i>Tetrahedron</i> , 2012 , 68, 959-964	2.4	41
82	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
81	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
80	Antidiabetic ellagitannins from pomegranate flowers: inhibition of α -glucosidase and lipogenic gene expression. <i>Organic Letters</i> , 2012 , 14, 5358-61	6.2	24
79	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
78	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
77	Antioxidant and α -glucosidase inhibitory phenolics isolated from highbush blueberry flowers. <i>Food Chemistry</i> , 2012 , 135, 1929-37	8.5	65
76	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
75	α -Glucosidase inhibitory hydrolyzable tannins from <i>Eugenia jambolana</i> seeds. <i>Journal of Natural Products</i> , 2012 , 75, 1505-9	4.9	59
74	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
73	New Galloyl Derivative from Winged Sumac (<i>Rhus copallinum</i>) Fruit. <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200700	0.9	3
72	Effects of maple (<i>Acer</i>) 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
71	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
70	Chemical Composition and Biological Effects of Maple Syrup. <i>ACS Symposium Series</i> , 2012 , 323-333	0.4	2
69	Seasonal influence on phenolic-mediated antihyperglycemic properties of Canadian sugar and red maple leaves using in vitro assay models. <i>Food Science and Biotechnology</i> , 2012 , 21, 753-760	3	9
68	<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

67	Effect of Berry Extracts and Bioactive Compounds on Fulvestrant (ICI 182,780) Sensitive and Resistant Cell Lines. <i>International Journal of Breast Cancer</i> , 2012 , 2012, 147828	2.3	5
66	Pharmacy research at URI: mining red maple (<i>Acer rubrum</i>) trees for novel therapeutics to manage diabetes. <i>Medicine and Health, Rhode Island</i> , 2012 , 95, 283-4		4
65	New galloyl derivative from winged sumac (<i>Rhus copallinum</i>) fruit. <i>Natural Product Communications</i> , 2012 , 7, 45-6	0.9	6
64	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
63	Phenolic glycosides from sugar maple (<i>Acer saccharum</i>) bark. <i>Journal of Natural Products</i> , 2011 , 74, 2472-4	4.6	32
62	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
61	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
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