

Muraleedharan G Nair

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2204928/muraleedharan-g-nair-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

164
papers

11,368
citations

56
h-index

104
g-index

168
ext. papers

12,232
ext. citations

4.7
avg. IF

6.08
L-index

#	Paper	IF	Citations
164	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
163	Antioxidant and antiinflammatory activities of anthocyanins and their aglycon, cyanidin, from tart cherries. <i>Journal of Natural Products</i> , 1999 , 62, 294-6	4.9	509
162	Modulation of liposomal membrane fluidity by flavonoids and isoflavonoids. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 373, 102-9	4.1	428
161	Structure-activity relationships for antioxidant activities of a series of flavonoids in a liposomal system. <i>Free Radical Biology and Medicine</i> , 1998 , 24, 1355-63	7.8	394
160	Antioxidant activities of isoflavones and their biological metabolites in a liposomal system. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 356, 133-41	4.1	321
159	Insulin secretion by bioactive anthocyanins and anthocyanidins present in fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 28-31	5.7	288
158	Amelioration of obesity and glucose intolerance in high-fat-fed C57BL/6 mice by anthocyanins and ursolic acid in Cornelian cherry (<i>Cornus mas</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 243-8	5.7	285
157	Regulation of hepatic fatty acid elongase and desaturase expression in diabetes and obesity. <i>Journal of Lipid Research</i> , 2006 , 47, 2028-41	6.3	233
156	Tart cherry anthocyanins inhibit tumor development in ApcMin mice and reduce proliferation of human colon cancer cells. <i>Cancer Letters</i> , 2003 , 194, 13-19	9.9	231
155	Antioxidant and cyclooxygenase inhibitory phenolic compounds from <i>Ocimum sanctum</i> Linn. <i>Phytomedicine</i> , 2000 , 7, 7-13	6.5	229
154	Anthocyanin content, antioxidant, anti-inflammatory and anticancer properties of blackberry and raspberry fruits. <i>Journal of Food Composition and Analysis</i> , 2010 , 23, 554-560	4.1	221
153	Significance of phenolic compounds in plant-soil-microbial systems. <i>Critical Reviews in Plant Sciences</i> , 1991 , 10, 63-121	5.6	219
152	Relative inhibition of lipid peroxidation, cyclooxygenase enzymes, and human tumor cell proliferation by natural food colors. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9268-73	5.7	200
151	Growth inhibition of human tumor cell lines by withanolides from <i>Withania somnifera</i> leaves. <i>Life Sciences</i> , 2003 , 74, 125-32	6.8	200
150	Human tumor cell growth inhibition by nontoxic anthocyanidins, the pigments in fruits and vegetables. <i>Life Sciences</i> , 2005 , 76, 1465-72	6.8	197
149	Anticancer and antiinflammatory activities of cucurbitacins from <i>Cucurbita andreana</i> . <i>Cancer Letters</i> , 2003 , 189, 11-6	9.9	193
148	From traditional Ayurvedic medicine to modern medicine: identification of therapeutic targets for suppression of inflammation and cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2006 , 10, 87-118	6.4	178

147	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
146	Novel bioactivities of <i>Curcuma longa</i> constituents. <i>Journal of Natural Products</i> , 1998 , 61, 542-5	4.9	174
145	Biologically active carbazole alkaloids from <i>Murraya koenigii</i> . <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 444-7	5.7	166
144	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
143	Withanolides potentiate apoptosis, inhibit invasion, and abolish osteoclastogenesis through suppression of nuclear factor-kappaB (NF-kappaB) activation and NF-kappaB-regulated gene expression. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 1434-45	6.1	159
142	Characterization, quantification, and bioactivities of anthocyanins in <i>Cornus</i> species. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2519-23	5.7	151
141	Metabolism of daidzein and genistein by intestinal bacteria. <i>Journal of Natural Products</i> , 1995 , 58, 1892-6	4.9	147
140	Antioxidant and cyclooxygenase activities of fatty acids found in food. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2231-4	5.7	145
139	Tart cherry anthocyanins suppress inflammation-induced pain behavior in rat. <i>Behavioural Brain Research</i> , 2004 , 153, 181-8	3.4	138
138	Antioxidant polyphenols from tart cherries (<i>Prunus cerasus</i>). <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 840-4	5.7	134
137	Tart cherry anthocyanins inhibit tumor development in ApcMin mice and reduce proliferation of human colon cancer cells. <i>Cancer Letters</i> , 2003 , 194, 13-19	9.9	128
136	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
135	Impact of alkyl esters of caffeic and ferulic acids on tumor cell proliferation, cyclooxygenase enzyme, and lipid peroxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 5375-81	5.7	120
134	Antitumour and anticarcinogenic activity of <i>Phyllanthus amarus</i> extract. <i>Journal of Ethnopharmacology</i> , 2002 , 81, 17-22	5	119
133	Anthocyanins in <i>Cornus alternifolia</i> , <i>Cornus controversa</i> , <i>Cornus kousa</i> and <i>Cornus florida</i> fruits with health benefits. <i>Life Sciences</i> , 2006 , 78, 777-84	6.8	110
132	Anthocyanin content, lipid peroxidation and cyclooxygenase enzyme inhibitory activities of sweet and sour cherries. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 1239-46	5.7	108
131	Cyclooxygenase inhibitory and antioxidant compounds from the mycelia of the edible mushroom <i>Grifola frondosa</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 7581-5	5.7	108
130	Insulin secretion and cyclooxygenase enzyme inhibition by cabernet sauvignon grape skin compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 228-33	5.7	106

129	Mosquitocidal, nematicidal, and antifungal compounds from <i>Apium graveolens</i> L. seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 142-5	5.7	104
128	Cyclooxygenase-2 enzyme inhibitory withanolides from <i>Withania somnifera</i> leaves. <i>Tetrahedron</i> , 2003 , 59, 841-849	2.4	96
127	Antioxidant and antiinflammatory activities of anthocyanins and their aglycon, cyanidin, from tart cherries. <i>Journal of Natural Products</i> , 1999 , 62, 802	4.9	87
126	Microwave-Mediated Synthesis of Anticarcinogenic Isoflavones from Soybeans. <i>Journal of Agricultural and Food Chemistry</i> , 1994 , 42, 1869-1871	5.7	86
125	In vitro evaluation of red and green lettuce (<i>Lactuca sativa</i>) for functional food properties. <i>Food Chemistry</i> , 2010 , 118, 300-306	8.5	81
124	Withanamides in <i>Withania somnifera</i> fruit protect PC-12 cells from beta-amyloid responsible for Alzheimer's disease. <i>Phytotherapy Research</i> , 2010 , 24, 859-63	6.7	81
123	Neuroprotective effect of cyanidin-3-O-glucoside anthocyanin in mice with focal cerebral ischemia. <i>Neuroscience Letters</i> , 2011 , 500, 157-61	3.3	78
122	Metabolites of daidzein and genistein and their biological activities. <i>Journal of Natural Products</i> , 1995 , 58, 1901-5	4.9	77
121	Antioxidant and anti-inflammatory assays confirm bioactive compounds in Ajwa date fruit. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 5834-40	5.7	76
120	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
119	Evaluation of metal and microbial contamination in botanical supplements. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 7822-7	5.7	76
118	Novel antioxidant compounds from tart cherries (<i>Prunus cerasus</i>). <i>Journal of Natural Products</i> , 1999 , 62, 86-8	4.9	71
117	Quantification and Characterization of Anthocyanins in Balaton Tart Cherries. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 2556-2560	5.7	68
116	2,2'-OXO-1,1'-azobenzene: Selective toxicity of rye (<i>Secale cereale</i> L.) allelochemicals to weed and crop species: II. <i>Journal of Chemical Ecology</i> , 1991 , 17, 9-19	2.7	66
115	Ashwagandhanolide, a bioactive dimeric thiowithanolide isolated from the roots of <i>Withania somnifera</i> . <i>Journal of Natural Products</i> , 2006 , 69, 1790-2	4.9	63
114	Bioactive terpenoids and guggulosteroids from <i>Commiphora mukul</i> gum resin of potential anti-inflammatory interest. <i>Chemistry and Biodiversity</i> , 2004 , 1, 1842-53	2.5	59
113	Effect of isoflavones genistein and daidzein in the inhibition of lung metastasis in mice induced by B16F-10 melanoma cells. <i>Nutrition and Cancer</i> , 1998 , 30, 74-7	2.8	59
112	An efficient and economical MTT assay for determining the antioxidant activity of plant natural product extracts and pure compounds. <i>Journal of Natural Products</i> , 2010 , 73, 1193-5	4.9	58

111	Inhibition of human tumor cell proliferation by novel anthraquinones from daylilies. <i>Life Sciences</i> , 2004 , 74, 1791-9	6.8	58
110	2,2'-OXO-1, 1'-azobenzene A microbially transformed allelochemical from 2,3-Benzoxazolinone: I. <i>Journal of Chemical Ecology</i> , 1990 , 16, 353-64	2.7	57
109	Withanolide sulfoxide from Aswagandha roots inhibits nuclear transcription factor-kappa-B, cyclooxygenase and tumor cell proliferation. <i>Phytotherapy Research</i> , 2009 , 23, 987-92	6.7	56
108	Potent lipid peroxidation inhibitors from Withania somnifera fruits. <i>Tetrahedron</i> , 2004 , 60, 3109-3121	2.4	55
107	Synthesis and activity of substituted anthraquinones against a human filarial parasite, Brugia malayi. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 2822-30	8.3	52
106	Cyclooxygenase inhibitory and antioxidant compounds from crabapple fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 1948-51	5.7	52
105	Isolation and characterization of stelladerol, a new antioxidant naphthalene glycoside, and other antioxidant glycosides from edible daylily (hemerocallis) flowers. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 87-91	5.7	52
104	An efficient method for the purification and characterization of nematicidal azadirachtins A, B, and H, using MPLC and ESIMS. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 3966-72	5.7	51
103	Compounds in functional food fenugreek spice exhibit anti-inflammatory and antioxidant activities. <i>Food Chemistry</i> , 2012 , 131, 1187-1192	8.5	50
102	Hypoglycaemic effect of stigmast-4-en-3-one and its corresponding alcohol from the bark of Anacardium occidentale (cashew). <i>Phytotherapy Research</i> , 2004 , 18, 403-7	6.7	50
101	Kwanzoquinones A ₁ and other constituents of Hemerocallis fulva Kwanzo roots and their activity against the human pathogenic trematode Schistosoma mansoni. <i>Tetrahedron</i> , 2002 , 58, 8597-8606	2.4	50
100	Isolation and stabilization of anthocyanins from tart cherries (Prunus cerasus L.). <i>Journal of Agricultural and Food Chemistry</i> , 1993 , 41, 1062-1065	5.7	50
99	Bioactive neolignans from the leaves of Magnolia virginiana. <i>Phytochemistry</i> , 1991 , 30, 2193-2195	4	50
98	Novel lipid-peroxidation- and cyclooxygenase-inhibitory tannins from Picrorhiza kurroa seeds. <i>Chemistry and Biodiversity</i> , 2004 , 1, 426-41	2.5	49
97	Novel compounds from Piper methysticum Forst (Kava Kava) roots and their effect on cyclooxygenase enzyme. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 701-5	5.7	49
96	An Efficient One Pot Synthesis of Isoflavones. <i>Synthetic Communications</i> , 2000 , 30, 469-484	1.7	48
95	Evaluation and characterization of the anthocyanin pigments in tart cherries (Prunus cerasus L.). <i>Journal of Agricultural and Food Chemistry</i> , 1992 , 40, 967-969	5.7	47
94	Insecticidal fatty acids and triglycerides from Dirca palustris. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5852-6	5.7	45

93	Lipid peroxidation inhibitory compounds from daylily (<i>Hemerocallis fulva</i>) leaves. <i>Life Sciences</i> , 2004 , 75, 753-63	6.8	44
92	Labdane diterpenes in <i>Curcuma mangga</i> rhizomes inhibit lipid peroxidation, cyclooxygenase enzymes and human tumour cell proliferation. <i>Food Chemistry</i> , 2011 , 124, 527-532	8.5	42
91	Nutritional and nutraceutical comparison of Jamaican <i>Psidium cattleianum</i> (strawberry guava) and <i>Psidium guajava</i> (common guava) fruits. <i>Food Chemistry</i> , 2012 , 134, 1069-73	8.5	41
90	Health-beneficial qualities of the edible mushroom, <i>Agrocybe aegerita</i> . <i>Food Chemistry</i> , 2008 , 108, 97-102	8.5	41
89	Supercritical Carbon Dioxide Extraction of Scotch Bonnet (<i>Capsicum annum</i>) and Quantification of Capsaicin and Dihydrocapsaicin. <i>Journal of Agricultural and Food Chemistry</i> , 1994 , 42, 1303-1305	5.7	40
88	Tumor cell proliferation and cyclooxygenase enzyme inhibitory compounds in <i>Amaranthus tricolor</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 6939-43	5.7	38
87	Antimicrobial Piper metabolite and related compounds. <i>Journal of Agricultural and Food Chemistry</i> , 1990 , 38, 1093-1096	5.7	37
86	Bioactive compounds and 1,3-Di[(<i>cis</i>)-9-octadecenoyl]-2-[(<i>cis,cis</i>)-9, 12-octadecadienoyl]glycerol from <i>Apium graveolens</i> L. seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 3785-8	5.7	36
85	Characterization and quantification of health beneficial anthocyanins in leaf chicory (<i>Cichorium intybus</i>) varieties. <i>European Food Research and Technology</i> , 2009 , 230, 47-53	3.4	35
84	Inhibition of cyclooxygenase (COX) enzymes by compounds from <i>Daucus carota</i> L. Seeds. <i>Phytotherapy Research</i> , 2003 , 17, 976-9	6.7	35
83	Genetic diversity of red-fleshed apples (<i>Malus</i>). <i>Euphytica</i> , 2012 , 185, 281-293	2.1	34
82	Mosquitocidal Compounds from <i>Magnolia Salicifolia</i> . <i>International Journal of Pharmacognosy</i> , 1997 , 35, 84-90		33
81	Pods of Khejri (<i>Prosopis cineraria</i>) consumed as a vegetable showed functional food properties. <i>Journal of Functional Foods</i> , 2012 , 4, 116-121	5.1	32
80	Identification of metabolites in <i>Withania sominifera</i> fruits by liquid chromatography and high-resolution mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 1277-90	2.2	32
79	Ursolic acid analogues: non-phenolic functional food components in Jamaican raspberry fruits. <i>Food Chemistry</i> , 2009 , 116, 633-637	8.5	30
78	Insulin Secretagogues from <i>Moringa oleifera</i> with Cyclooxygenase Enzyme and Lipid Peroxidation Inhibitory Activities. <i>Helvetica Chimica Acta</i> , 2004 , 87, 317-326	2	29
77	2,2'-oxo-1,1'-azobenzene: microbial transformation of rye (<i>Secale cereale</i> L.) allelochemical in field soils by <i>Acinetobacter calcoaceticus</i> : III. <i>Journal of Chemical Ecology</i> , 1991 , 17, 1575-84	2.7	29
76	<i>Magnolia virginiana</i> Neolignan compounds as chemical barriers to swallowtail butterfly host use. <i>Journal of Chemical Ecology</i> , 1992 , 18, 1661-71	2.7	29

75	Constituents in Easter lily flowers with medicinal activity. <i>Life Sciences</i> , 2004 , 76, 671-83	6.8	27
74	A new fatty acid methyl ester and other biologically active compounds from <i>Aspergillus niger</i> . <i>Phytochemistry</i> , 1988 , 27, 3169-3173	4	27
73	Functional food components of Antigonon leptopus tea. <i>Food Chemistry</i> , 2008 , 106, 487-492	8.5	26
72	Relationship of light quantity and anthocyanin production in <i>Pennisetum setaceum</i> Cvs. rubrum and red riding hood. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 456-61	5.7	26
71	Cyclooxygenase active bioflavonoids from Balaton tart cherry and their structure activity relationships. <i>Phytomedicine</i> , 2000 , 7, 15-9	6.5	26
70	Supercritical fluid carbon dioxide extraction of β -and β -carotene from carrot (<i>Daucus carota</i> L.). <i>Phytochemical Analysis</i> , 1997 , 8, 244-246	3.4	25
69	Terpenoids from Stinking toe (<i>Hymenae courbaril</i>) fruits with cyclooxygenase and lipid peroxidation inhibitory activities. <i>Food Chemistry</i> , 2007 , 105, 485-490	8.5	25
68	<i>Curcuma longa</i> and <i>Curcuma mangga</i> leaves exhibit functional food property. <i>Food Chemistry</i> , 2012 , 135, 634-40	8.5	24
67	Lipid peroxidation, cyclooxygenase enzyme and tumor cell proliferation inhibitory compounds in <i>Cornus kousa</i> fruits. <i>Phytomedicine</i> , 2007 , 14, 706-9	6.5	24
66	Tumor cell proliferation and cyclooxygenase inhibitory constituents in horseradish (<i>Armoracia rusticana</i>) and Wasabi (<i>Wasabia japonica</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 1440-4	5.7	24
65	New antiinflammatory sucrose esters in the natural sticky coating of tomatillo (<i>Physalis philadelphica</i>), an important culinary fruit. <i>Food Chemistry</i> , 2016 , 196, 726-32	8.5	23
64	Role of medicinal plants, herbs, and spices in protecting human health. <i>Nutrition Reviews</i> , 1999 , 57, S41-S44	5.4	23
63	Quantification and characterisation of cyclo-oxygenase and lipid peroxidation inhibitory anthocyanins in fruits of Amelanchier. <i>Phytochemical Analysis</i> , 2005 , 16, 175-80	3.4	23
62	Functional food quality of <i>Curcuma caesia</i> , <i>Curcuma zedoaria</i> and <i>Curcuma aeruginosa</i> endemic to Northeastern India. <i>Plant Foods for Human Nutrition</i> , 2013 , 68, 72-7	3.9	22
61	Lipoperoxidation and cyclooxygenase enzyme inhibitory piperidine alkaloids from <i>Cassia spectabilis</i> green fruits. <i>Journal of Natural Products</i> , 2007 , 70, 2026-8	4.9	22
60	Aflatoxin levels in sunflower seeds and cakes collected from micro- and small-scale sunflower oil processors in Tanzania. <i>PLoS ONE</i> , 2017 , 12, e0175801	3.7	22
59	Synergistic inhibition of interleukin-6 production in adipose stem cells by tart cherry anthocyanins and atorvastatin. <i>Phytomedicine</i> , 2012 , 19, 878-81	6.5	21
58	Lipoperoxidation and cyclooxygenases 1 and 2 inhibitory compounds from <i>Iryanthera juruensis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 2569-74	5.7	21

57	Cyclooxygenase-2 enzyme inhibitory triterpenoids from Picrorhiza kurroa seeds. <i>Life Sciences</i> , 2005 , 77, 3222-30	6.8	21
56	Cultivars of apple fruits that are not marketed with potential for anthocyanin production. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 8165-9	5.7	20
55	Mosquitocidal Compounds and a Triglyceride, 1,3-Dilinoleoyl-2-palmitin, from Ocimum sanctum. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 3092-3094	5.7	20
54	Phenolic glycosides from <i>Dirca palustris</i> . <i>Journal of Natural Products</i> , 1999 , 62, 1558-61	4.9	20
53	Evaluation of coriander spice as a functional food by using in vitro bioassays. <i>Food Chemistry</i> , 2015 , 167, 24-9	8.5	19
52	Lipid peroxidation and cyclooxygenase enzyme inhibitory activities of acidic aqueous extracts of some dietary supplements. <i>Phytotherapy Research</i> , 2008 , 22, 204-12	6.7	19
51	In vitro antagonistic activity of monoterpenes and their mixtures against 'toe nail fungus' pathogens. <i>Phytotherapy Research</i> , 2003 , 17, 376-9	6.7	19
50	Proctoriones A-C: 2-acylcyclohexane-1,3-dione derivatives from <i>peperomia proctorii</i> . <i>Journal of Natural Products</i> , 2000 , 63, 399-402	4.9	19
49	Blood-brain barrier permeability of bioactive withanamides present in <i>Withania somnifera</i> fruit extract. <i>Phytotherapy Research</i> , 2014 , 28, 1260-4	6.7	18
48	Bioactive acylphloroglucinols from <i>Hypericum densiflorum</i> . <i>Phytotherapy Research</i> , 2009 , 23, 1759-62	6.7	18
47	Acylphloroglucinol derivatives from <i>Hypericum prolificum</i> . <i>Journal of Natural Products</i> , 2006 , 69, 1645-8	4.9	18
46	Supercritical Carbon Dioxide Extraction of Daidzein and Genistein from Soybean Products. <i>Phytochemical Analysis</i> , 1996 , 7, 259-262	3.4	17
45	Ferulate esters of higher fatty alcohols and allelopathy in <i>Kalanche daigremontiana</i> . <i>Journal of Chemical Ecology</i> , 1988 , 14, 589-603	2.7	17
44	Supercritical fluid carbon dioxide extraction of annatto seeds and quantification of trans-bixin by high pressure liquid chromatography. <i>Phytochemical Analysis</i> , 1997 , 8, 247-249	3.4	16
43	Characterization of pit oil from Montmorency cherry (<i>Prunus cerasus</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 1993 , 41, 879-881	5.7	15
42	Quantification of benzaldehyde and its precursors in montmorency cherry (<i>Prunus cerasus</i> L.) kernels. <i>Phytochemical Analysis</i> , 1993 , 4, 120-123	3.4	15
41	Phenyl propenoids from roots of <i>Piper auritum</i> . <i>Phytochemistry</i> , 1989 , 28, 654-655	4	14
40	Insecticidal activity of indanomycin. <i>Journal of Antibiotics</i> , 1997 , 50, 617-20	3.7	13

39	Effects of Amelanchier fruit isolates on cyclooxygenase enzymes and lipid peroxidation. <i>Food Chemistry</i> , 2006 , 97, 56-64	8.5	13
38	Inhibitory Effects of Black Pepper (Piper Nigrum) Extracts and Compounds on Human Tumor Cell Proliferation, Cyclooxygenase Enzymes, Lipid Peroxidation and Nuclear Transcription Factor-kappa-B. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9	12
37	Lipid Peroxidation and Cyclooxygenase Enzyme Inhibitory Compounds from Prangos haussknechtii. <i>Journal of Natural Products</i> , 2017 , 80, 2472-2477	4.9	11
36	Characterization and biological activity of flavonoids from ripe fruit of an anthracnose-resistant blueberry cultivar. <i>Physiological and Molecular Plant Pathology</i> , 2013 , 83, 8-16	2.6	10
35	Topoisomerase I and II enzyme inhibitory aqueous extract of Ardisia compressa and ardisin protect against benomyl oxidation of hepatocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 7714-9	5.7	10
34	Effect of the Fractions of the Hexane Bark Extract and Stigmast-4-en-3-one Isolated from Anacardium occidentale on Blood Glucose Tolerance Test in an Animal Model. <i>International Journal of Pharmacology</i> , 2006 , 3, 41-47	0.7	10
33	Cultivated maitake mushroom demonstrated functional food quality as determined by in vitro bioassays. <i>Journal of Functional Foods</i> , 2018 , 44, 79-85	5.1	9
32	Capsaicinoids in the Hottest Pepper Bhut Jolokia and its Antioxidant and Antiinflammatory Activities. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9	9
31	Major Constituents of Boswellia Carteri Resin Exhibit Cyclooxygenase Enzyme Inhibition and Antiproliferative Activity. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300801	0.9	8
30	Colon cancer proliferating desulfosinigrin in wasabi (Wasabia japonica). <i>Nutrition and Cancer</i> , 2004 , 48, 207-13	2.8	8
29	Chemical Characterization of Lipophilic Constituents in the Skin of Migratory Adult Sea Lamprey from the Great Lakes Region. <i>PLoS ONE</i> , 2016 , 11, e0168609	3.7	8
28	Functional food property of honey locust (Gleditsia triacanthos) flowers. <i>Journal of Functional Foods</i> , 2015 , 18, 266-274	5.1	7
27	Major constituents of Boswellia carteri resin exhibit cyclooxygenase enzyme inhibition and antiproliferative activity. <i>Natural Product Communications</i> , 2013 , 8, 1365-6	0.9	7
26	Nitrogenous compounds characterized in the deterrent skin extract of migratory adult sea lamprey from the Great Lakes region. <i>PLoS ONE</i> , 2019 , 14, e0217417	3.7	6
25	Inhibition of lipid peroxidation, cyclooxygenase enzyme and human tumor cell proliferation by compounds in herbal water. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 1177-86	5.9	5
24	Health-Beneficial Phenolic Aldehyde in Antigonon leptopus Tea. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 601249	2.3	5
23	Antioxidant and Anti-inflammatory Compounds in Nutmeg (Myristica Fragrans) Pericarp as Determined by in vitro Assays. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	4
22	Non-pungent functional food components in the water extracts of hot peppers. <i>Food Chemistry</i> , 2010 , 122, 731-736	8.5	4

21	Antifeedant and mosquitocidal compounds from Delphinium x cultorum cv. Magic fountains flowers. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 503-6	5.7	4
20	Phenanthrenes in Chinese Yam Peel Exhibit Anti-inflammatory Activity, as Shown by Strong in Vitro Cyclooxygenase Enzyme Inhibition. <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601100	0.9	4
19	Chemical Composition and Anti-Inflammatory and Antioxidant Activities of Extracts from Cultivated Morel Mushrooms, Species of Genus Morchella (Ascomycota). <i>International Journal of Medicinal Mushrooms</i> , 2021 , 23, 73-83	1.3	4
18	Salicylic Glycosides in Salix mucronata with Antioxidant and Antiinflammatory Activities. <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701201	0.9	3
17	Activity of Alkanediol Alkanoates against Pathogenic Plant Fungi Rhizoctonia solani and Sclerotium rolfsii. <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200700	0.9	3
16	Antioxidant and Anti-inflammatory Compounds in the Popular Landscape Plant Berberis thunbergii var. atropurpurea. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	3
15	Non-nutritive functional agents in rattan-shoots, a food consumed by native people in the Philippines. <i>Food Chemistry</i> , 2008 , 110, 991-6	8.5	3
14	The effect of postharvest storage on taxol and cephalomannine concentrations in Taxus x media Bicksii Tehd. <i>Phytochemistry</i> , 1994 , 37, 405-408	4	3
13	Leaf constituents of Curcuma spp. suppress Meloidogyne hapla and increase bacterial-feeding nematodes. <i>Nematology</i> , 2015 , 17, 353-361	0.9	2
12	New Benzophenone O-Glucoside from Hypericum Ellipticum. <i>Natural Product Communications</i> , 2009 , 4, 1934578X0900400	0.9	2
11	Separation of bitter and nonbitter glucolipid from Lycopersicon Pennellii by liquid/liquid partition. <i>Phytochemical Analysis</i> , 1990 , 1, 31-35	3.4	2
10	Liperoxidation and Cyclooxygenase Enzyme Inhibitory Compounds from the Lipophilic Extracts of Some Culinary-Medicinal Higher Basidiomycetes Mushrooms. <i>International Journal of Medicinal Mushrooms</i> , 2009 , 11, 375-382	1.3	2
9	Evaluation of health benefits of sea lamprey (Petromyzon marinus) isolates using in vitro antiinflammatory and antioxidant assays. <i>PLoS ONE</i> , 2021 , 16, e0259587	3.7	1
8	Zanzibar yam (Pax) isolates exhibit cyclooxygenase enzyme and lipid peroxidation inhibitory activities. <i>Natural Product Research</i> , 2021 , 1-5	2.3	1
7	Leaves of Eugenia brasiliensis Used as a Folk Medicine Contain Cyclooxygenase Enzyme and Lipid Peroxidation Inhibitory Compounds. <i>Natural Product Communications</i> , 2018 , 13, 1934578X1801300	0.9	1
6	Lipid Peroxidation, Cyclooxygenase Enzyme and Tumor Cell Proliferation Inhibitory Lignans from Justicia Species. <i>Natural Product Communications</i> , 2008 , 3, 1934578X0800301	0.9	0
5	Natural Products as Sources of Potential Agrochemicals. <i>ACS Symposium Series</i> , 1993 , 145-161	0.4	0
4	The edible seaweed Laminaria japonica contains cholesterol analogues that inhibit lipid peroxidation and cyclooxygenase enzymes.. <i>PLoS ONE</i> , 2022 , 17, e0258980	3.7	0

- 3 Improved Rhizopogon Mycorrhizal Colonization and Foliar Nutrient Levels in Ponderosa Pine and Douglas-Fir with Myconate(r). *Journal of Sustainable Forestry*, **2005**, 20, 1-14 1.2
- 2 An Analysis of the Seed Coat Pigments in Eight Different Genotypes of Phaseolus vulgaris L.. *Hortscience: A Publication of the American Society for Horticultural Science*, **1997**, 32, 544A-544 2.4
- 1 Sesquiterpenoid Lactones in Tanacetum huronense Inhibit Human Glioblastoma Cell Proliferation. *Natural Product Communications*, **2016**, 11, 1934578X1601100 0.9