Jan F. Stevens

List of Publications by Year
in descending order

162	8,977	41344	45317
papers	citations	49 h-index	90 g-index

167	167	167	10128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamins C and E: Beneficial effects from a mechanistic perspective. Free Radical Biology and Medicine, 2011, 51, 1000-1013.	2.9	685
2	Acrolein: Sources, metabolism, and biomolecular interactions relevant to human health and disease. Molecular Nutrition and Food Research, 2008, 52, 7-25.	3.3	586
3	Xanthohumol and related prenylflavonoids from hops and beer: to your good health!. Phytochemistry, 2004, 65, 1317-1330.	2.9	548
4	Antiproliferative and cytotoxic effects of prenylated flavonoids from hops (Humulus lupulus) in human cancer cell lines. Food and Chemical Toxicology, 1999, 37, 271-285.	3.6	343
5	Antioxidant and Prooxidant Actions of Prenylated and Nonprenylated Chalcones and Flavanones in Vitro. Journal of Agricultural and Food Chemistry, 2000, 48, 3876-3884.	5.2	312
6	Quantitative analysis of xanthohumol and related prenylflavonoids in hops and beer by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 1999, 832, 97-107.	3.7	301
7	Prenylflavonoids from Humulus lupulus. Phytochemistry, 1997, 44, 1575-1585.	2.9	240
8	Isolation and identification of antioxidant peptides from enzymatically hydrolyzed rice bran protein. Food Chemistry, 2016, 192, 156-162.	8.2	192
9	Xanthohumol, a prenylflavonoid derived from hops induces apoptosis and inhibits NF-kappaB activation in prostate epithelial cells. Cancer Letters, 2007, 246, 201-209.	7.2	167
10	Fate of Xanthohumol and Related Prenylflavonoids from Hops to Beer. Journal of Agricultural and Food Chemistry, 1999, 47, 2421-2428.	5.2	161
11	The chemistry of gut microbial metabolism of polyphenols. Phytochemistry Reviews, 2016, 15, 425-444.	6.5	161
12	Bioavailability and inter-conversion of sulforaphane and erucin in human subjects consuming broccoli sprouts or broccoli supplement in a cross-over study design. Pharmacological Research, 2011, 64, 456-463.	7.1	159
13	EST Analysis of Hop Glandular Trichomes Identifies an O-Methyltransferase That Catalyzes the Biosynthesis of Xanthohumol. Plant Cell, 2008, 20, 186-200.	6.6	158
14	Prenylflavonoid variation in Humulus lupulus: distribution and taxonomic significance of xanthogalenol and 4â€²-O-methylxanthohumol. Phytochemistry, 2000, 53, 759-775.	2.9	147
15	Prenylated chalcones and flavanones as inducers of quinone reductase in mouse Hepa 1c1c7 cells. Cancer Letters, 2000, 149, 21-29.	7.2	146
16	Centella asiatica: phytochemistry and mechanisms of neuroprotection and cognitive enhancement. Phytochemistry Reviews, 2018, 17, 161-194.	6.5	144
17	Metabolism and Tissue Distribution of Sulforaphane in Nrf2 Knockout and Wild-Type Mice. Pharmaceutical Research, 2011, 28, 3171-3179.	3.5	130
18	Human pharmacokinetics of xanthohumol, an antihyperglycemic flavonoid from hops. Molecular Nutrition and Food Research, 2014, 58, 248-255.	3.3	106

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19	Potential use of polyphenols in the battle against COVID-19. Current Opinion in Food Science, 2020, 32, 149-155.	8.0	105
20	Absorption and chemopreventive targets of sulforaphane in humans following consumption of broccoli sprouts or a myrosinase-treated broccoli sprout extract. Molecular Nutrition and Food Research, 2015, 59, 424-433.	3.3	104
21	Identification of Isoflavones in the Roots ofPueraria lobata. Planta Medica, 1998, 64, 620-627.	1.3	101
22	Pharmacokinetics of xanthohumol and metabolites in rats after oral and intravenous administration. Molecular Nutrition and Food Research, 2012, 56, 466-474.	3.3	101
23	Comprehensive analysis of phospholipids in the brain, heart, kidney, and liver: brain phospholipids are least enriched with polyunsaturated fatty acids. Molecular and Cellular Biochemistry, 2018, 442, 187-201.	3.1	94
24	Influence of prenylated and non-prenylated flavonoids on liver microsomal lipid peroxidation and oxidative injury in rat hepatocytes. Food and Chemical Toxicology, 2001, 39, 437-445.	3.6	89
25	Identification and in Vitro Biological Activities of Hop Proanthocyanidins:Â Inhibition of nNOS Activity and Scavenging of Reactive Nitrogen Species. Journal of Agricultural and Food Chemistry, 2002, 50, 3435-3443.	5.2	87
26	Xanthohumol and Related Prenylated Flavonoids Inhibit Inflammatory Cytokine Production in LPS-Activated THP-1 Monocytes: Structure-Activity Relationships andIn SilicoBinding to Myeloid Differentiation Protein-2 (MD-2). Planta Medica, 2010, 76, 1536-1543.	1.3	87
27	Caffeoylquinic acids: chemistry, biosynthesis, occurrence, analytical challenges, and bioactivity. Plant Journal, 2021, 107, 1299-1319.	5.7	87
28	Xanthohumol lowers body weight and fasting plasma glucose in obese male Zucker fa/fa rats. Phytochemistry, 2013, 91, 236-241.	2.9	84
29	Apolipoprotein E4 and Insulin Resistance Interact to Impair Cognition and Alter the Epigenome and Metabolome. Scientific Reports, 2017, 7, 43701.	3.3	79
30	Caffeoylquinic Acids in Centella asiatica Protect against Amyloid-Î² Toxicity. Journal of Alzheimer's Disease, 2014, 40, 359-373.	2.6	78
31	A Metabolomics-driven Elucidation of the Anti-obesity Mechanisms of Xanthohumol. Journal of Biological Chemistry, 2013, 288, 19000-19013.	3.4	76
32	Human Flavin-Containing Monooxygenase Form 2 S-Oxygenation:Â Sulfenic Acid Formation from Thioureas and Oxidation of Glutathione. Chemical Research in Toxicology, 2004, 17, 633-640.	3.3	74
33	Chemistry and Biology of Hop Flavonoids. Journal of the American Society of Brewing Chemists, 1998, 56, 136-145.	1.1	73
34	C-Methyl-flavonoids from the leaf waxes of some Myrtaceae. Phytochemistry, 2000, 55, 965-970.	2.9	71
35	In vitro glucuronidation of xanthohumol, a flavonoid in hop and beer, by rat and human liver microsomes. FEBS Letters, 2001, 491, 252-256.	2.8	71
36	Xanthohumol improves dysfunctional glucose and lipid metabolism in diet-induced obese C57BL/6J mice. Archives of Biochemistry and Biophysics, 2016, 599, 22-30.	3.0	69

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37	Cancer Chemopreventive in vitro Activities of Isoflavones Isolated from Iris germanica. Planta Medica, 2003, 69, 15-20.	1.3	68
38	Flavonoid variation in eurasian Sedum and Sempervivum. Phytochemistry, 1996, 41, 503-512.	2.9	67
39	Site-Specific Protein Adducts of 4-Hydroxy-2(E)-Nonenal in Human THP-1 Monocytic Cells: Protein Carbonylation Is Diminished by Ascorbic Acid. Chemical Research in Toxicology, 2010, 23, 37-47.	3.3	66
40	Comparison of Isothiocyanate Metabolite Levels and Histone Deacetylase Activity in Human Subjects Consuming Broccoli Sprouts or Broccoli Supplement. Journal of Agricultural and Food Chemistry, 2011, 59, 10955-10963.	5.2	66
41	Inhibition of Peroxynitrite-Mediated LDL Oxidation by Prenylated Flavonoids:â€‰ The Î±,Î²-Unsaturated Keto Functionality of 2â€˜-Hydroxychalcones as a Novel Antioxidant Pharmacophore. Chemical Research in Toxicology, 2003, 16, 1277-1286.	3.3	64
42	Design, Synthesis, and Application of a Hydrazide-Functionalized Isotope-Coded Affinity Tag for the Quantification of Oxylipidâ^'Protein Conjugates. Analytical Chemistry, 2007, 79, 3342-3354.	6.5	63
43	Vitamin C Deficiency Activates the Purine Nucleotide Cycle in Zebrafish. Journal of Biological Chemistry, 2012, 287, 3833-3841.	3.4	63
44	Metabolomic analysis to define and compare the effects of PAHs and oxygenated PAHs in developing zebrafish. Environmental Research, 2015, 140, 502-510.	7.5	62
45	S-Oxygenation of the thioether organophosphate insecticides phorate and disulfoton by human lung flavin-containing monooxygenase 2. Biochemical Pharmacology, 2004, 68, 959-967.	4.4	60
46	Amelioration of Metabolic Syndrome-Associated Cognitive Impairments in Mice via a Reduction in Dietary Fat Content or Infusion of Non-Diabetic Plasma. EBioMedicine, 2016, 3, 26-42.	6.1	59
47	Mitochondria-Centric Review of Polyphenol Bioactivity in Cancer Models. Antioxidants and Redox Signaling, 2018, 29, 1589-1611.	5.4	57
48	Alkaloids of some Asian Sedum species. Phytochemistry, 1996, 41, 1319-1324.	2.9	56
49	Leaf surface flavonoids of Chrysothamnus. Phytochemistry, 1999, 51, 771-780.	2.9	54
50	Non-estrogenic Xanthohumol Derivatives Mitigate Insulin Resistance and Cognitive Impairment in High-Fat Diet-induced Obese Mice. Scientific Reports, 2018, 8, 613.	3.3	53
51	Isolation and Identification of Tyrosinase-Inhibitory and Copper-Chelating Peptides from Hydrolyzed Rice-Bran-Derived Albumin. Journal of Agricultural and Food Chemistry, 2018, 66, 8346-8354.	5.2	52
52	Novel function of vitamin E in regulation of zebrafish (Danio rerio) brain lysophospholipids discovered using lipidomics. Journal of Lipid Research, 2015, 56, 1182-1190.	4.2	51
53	Mercapturic Acid Conjugates of 4-Hydroxy-2-nonenal and 4-Oxo-2-nonenal Metabolites Are in Vivo Markers of Oxidative Stress. Journal of Biological Chemistry, 2008, 283, 17131-17138.	3.4	49
54	Recent Advances in Research on Polyphenols: Effects on Microbiota, Metabolism, and Health. Molecular Nutrition and Food Research, 2022, 66, e2100670.	3.3	48

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55	Epicuticular wax composition of some European Sedum species. Phytochemistry, 1994, 35, 389-399.	2.9	45
56	Xanthohumol improved cognitive flexibility in young mice. Behavioural Brain Research, 2014, 275, 1-10.	2.2	44
57	Vitamin C conjugates of genotoxic lipid peroxidation products: Structural characterization and detection in human plasma. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17964-17969.	7.1	42
58	Simultaneous, Untargeted Metabolic Profiling of Polar and Nonpolar Metabolites by LCâ€Qâ€TOF Mass Spectrometry. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2013, 56, Unit4.39.	1.1	42
59	Reductive Metabolism of Xanthohumol and 8â€Prenylnaringenin by the Intestinal Bacterium Eubacterium ramulus. Molecular Nutrition and Food Research, 2019, 63, e1800923.	3.3	42
60	Antiproliferative and Cytotoxic Activity of Xanthohumol and Its Non-Estrogenic Derivatives in Colon and Hepatocellular Carcinoma Cell Lines. International Journal of Molecular Sciences, 2019, 20, 1203.	4.1	41
61	Characterization of Phytoecdysteroid Glycosides in Meadowfoam (Limnanthes alba) Seed Meal by Positive and Negative Ion LC-MS/MS. Journal of Agricultural and Food Chemistry, 2008, 56, 3945-3952.	5.2	39
62	Alkaloids of some european and macaronesian sedoideae and sempervivoideae (Crassulaceae). Phytochemistry, 1992, 31, 3917-3924.	2.9	38
63	Acylphloroglucinols and flavonoid aglycones produced by external glands on the leaves of two dryopteris ferns and currania robertiana. Phytochemistry, 1998, 48, 931-939.	2.9	38
64	Covalent interaction of ascorbic acid with natural products. Phytochemistry, 2009, 70, 1930-1939.	2.9	36
65	Lethal dysregulation of energy metabolism during embryonic vitamin E deficiency. Free Radical Biology and Medicine, 2017, 104, 324-332.	2.9	36
66	Hop proanthocyanidins induce apoptosis, protein carbonylation, and cytoskeleton disorganization in human colorectal adenocarcinoma cells via reactive oxygen species. Food and Chemical Toxicology, 2009, 47, 827-836.	3.6	35
67	Novel liquid chromatographyâ€“mass spectrometry method shows that vitamin E deficiency depletes arachidonic and docosahexaenoic acids in zebrafish (Danio rerio) embryos. Redox Biology, 2014, 2, 105-113.	9.0	35
68	Caffeoylquinic Acids in Centella asiatica Reverse Cognitive Deficits in Male 5XFAD Alzheimerâ€™s Disease Model Mice. Nutrients, 2020, 12, 3488.	4.1	34
69	Distribution of alkaloids and tannins in the Crassulaceae. Biochemical Systematics and Ecology, 1995, 23, 157-165.	1.3	33
70	Ascorbic Acid Promotes Detoxification and Elimination of 4-Hydroxy-2(E)-nonenal in Human Monocytic THP-1 Cells. Chemical Research in Toxicology, 2009, 22, 863-874.	3.3	33
71	Improvements in Metabolic Syndrome by Xanthohumol Derivatives Are Linked to Altered Gut Microbiota and Bile Acid Metabolism. Molecular Nutrition and Food Research, 2020, 64, e1900789.	3.3	32
72	Herbicidal Activity of Glucosinolate Degradation Products in Fermented Meadowfoam (Limnanthes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	5.2	28

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73	Tissueâ€Specific Metabolic Profiles After Prolonged Cardiac Arrest Reveal Brain Metabolome Dysfunction Predominantly After Resuscitation. Journal of the American Heart Association, 2019, 8, e012809.	3.7	28
74	Integration of mass spectral fingerprinting analysis with precursor ion (MS1) quantification for the characterisation of botanical extracts: application to extracts of <scp>Centella asiatica</scp> (L.) Urban. Phytochemical Analysis, 2020, 31, 722-738.	2.4	28
75	The systematic and evolutionary significance of exudate flavonoids in Aeonium. Phytochemistry, 1995, 39, 805-813.	2.9	27
76	Quantitation of mercapturic acid conjugates of 4-hydroxy-2-nonenal and 4-oxo-2-nonenal metabolites in a smoking cessation study. Free Radical Biology and Medicine, 2010, 48, 65-72.	2.9	27
77	Vitamin C supplementation lowers urinary levels of 4-hydroperoxy-2-nonenal metabolites in humans. Free Radical Biology and Medicine, 2011, 50, 848-853.	2.9	27
78	Untargeted Metabolomic Screen Reveals Changes in Human Plasma Metabolite Profiles Following Consumption of Fresh Broccoli Sprouts. Molecular Nutrition and Food Research, 2018, 62, e1700665.	3.3	26
79	Lipidomics and H218O labeling techniques reveal increased remodeling of DHA-containing membrane phospholipids associated with abnormal locomotor responses in Î±-tocopherol deficient zebrafish (danio rerio) embryos. Redox Biology, 2016, 8, 165-174.	9.0	25
80	Transcription Factor Ctip2 Controls Epidermal Lipid Metabolism and Regulates Expression of Genes Involved in Sphingolipid Biosynthesis during Skin Development. Journal of Investigative Dermatology, 2013, 133, 668-676.	0.7	24
81	A Novel 2-Hydroxyflavanone fromCollinsoniacanadensis. Journal of Natural Products, 1999, 62, 392-394.	3.0	23
82	Activity of Meadowfoam (Limnanthes alba) Seed Meal Glucolimnanthin Degradation Products against Soilborne Pathogens. Journal of Agricultural and Food Chemistry, 2012, 60, 339-345.	5.2	23
83	Taxonomic significance of flavonoid variation in temperate species of Nothofagus. Phytochemistry, 2003, 62, 1125-1131.	2.9	22
84	Epicuticular waxes of Sedum series Rupestria. Phytochemistry, 1994, 36, 341-348.	2.9	21
85	Mass Tagging Approach for Mitochondrial Thiol Proteins. Journal of Proteome Research, 2005, 4, 1403-1412.	3.7	21
86	Electrospray Quadrupole Travelling Wave Ion Mobility Time-of-Flight Mass Spectrometry for the Detection of Plasma Metabolome Changes Caused by Xanthohumol in Obese Zucker (fa/fa) Rats. Metabolites, 2013, 3, 701-717.	2.9	20
87	Identification and Phytotoxicity of a New Glucosinolate Breakdown Product from Meadowfoam (Limnanthes alba) Seed Meal. Journal of Agricultural and Food Chemistry, 2014, 62, 7423-7429.	5.2	20
88	Xanthohumol ameliorates Diet-Induced Liver Dysfunction via Farnesoid X Receptor-Dependent and Independent Signaling. Frontiers in Pharmacology, 2021, 12, 643857.	3.5	20
89	Exudate Flavonoids in Some Gnaphalieae and Inuleae (Asteraceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2005, 60, 671-678.	1.4	19
90	Vitamin C Activates the Folate-Mediated One-Carbon Cycle in C2C12 Myoblasts. Antioxidants, 2020, 9, 217.	5.1	19

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91	Roles of the Sodium-Translocating NADH:Quinone Oxidoreductase (Na+-NQR) on Vibrio cholerae Metabolism, Motility and Osmotic Stress Resistance. PLoS ONE, 2014, 9, e97083.	2.5	19
92	On the Occurrence of Exudate Flavonoids in the Borage Family (Boraginaceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 445-448.	1.4	18
93	Mass spectrometryâ€based quantification of myocardial protein adducts with acrolein in an in vivo model of oxidative stress. Molecular Nutrition and Food Research, 2011, 55, 1401-1410.	3.3	18
94	Conformational modulation of the farnesoid X receptor by prenylflavonoids: Insights from hydrogen deuterium exchange mass spectrometry (HDX-MS), fluorescence titration and molecular docking studies. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 1667-1677.	2.3	18
95	Xanthohumol Microbiome and Signature in Healthy Adults (the XMaS Trial): Safety and Tolerability Results of a Phase I Tripleâ€Masked, Placeboâ€Controlled Clinical Trial. Molecular Nutrition and Food Research, 2021, 65, e2001170.	3.3	18
96	Epicuticular waxes and glaucousness of Encephalartos leaves. Phytochemistry, 1996, 42, 1335-1339.	2.9	17
97	Targeting the Liverâ€Brain Axis with Hopâ€Derived Flavonoids Improves Lipid Metabolism and Cognitive Performance in Mice. Molecular Nutrition and Food Research, 2020, 64, e2000341.	3.3	17
98	Germ-Free Swiss Webster Mice on a High-Fat Diet Develop Obesity, Hyperglycemia, and Dyslipidemia. Microorganisms, 2020, 8, 520.	3.6	17
99	Flavin-containing monooxygenase S-oxygenation of a series of thioureas and thiones. Toxicology and Applied Pharmacology, 2014, 278, 91-99.	2.8	16
100	Plasma metabolomics supports the use of long-duration cardiac arrest rodent model to study human disease by demonstrating similar metabolic alterations. Scientific Reports, 2020, 10, 19707.	3.3	16
101	Nitrate and nitrite exposure leads to mild anxiogenic-like behavior and alters brain metabolomic profile in zebrafish. PLoS ONE, 2020, 15, e0240070.	2.5	15
102	Lipid quantitation and metabolomics data from vitamin E-deficient and -sufficient zebrafish embryos from 0 to 120 hours-post-fertilization. Data in Brief, 2017, 11, 432-441.	1.0	14
103	Photoprotective Properties of Isothiocyanate and Nitrile Glucosinolate Derivatives From Meadowfoam (Limnanthes alba) Against UVB Irradiation in Human Skin Equivalent. Frontiers in Pharmacology, 2018, 9, 477.	3.5	14
104	Treatment with Nitrate, but Not Nitrite, Lowers the Oxygen Cost of Exercise and Decreases Glycolytic Intermediates While Increasing Fatty Acid Metabolites in Exercised Zebrafish. Journal of Nutrition, 2019, 149, 2120-2132.	2.9	14
105	Effects of 5-Ion Beam Irradiation and Hindlimb Unloading on Metabolic Pathways in Plasma and Brain of Behaviorally Tested WAG/Rij Rats. Frontiers in Physiology, 2021, 12, 746509.	2.8	14
106	Medications and Micronutrients: Identifying Clinically Relevant Interactions and Addressing Nutritional Needs. Journal of Pharmacy Technology, 2018, 34, 216-230.	1.0	13
107	Integrated Metabolomics-DNA Methylation Analysis Reveals Significant Long-Term Tissue-Dependent Directional Alterations in Aminoacyl-tRNA Biosynthesis in the Left Ventricle of the Heart and Hippocampus Following Proton Irradiation. Frontiers in Molecular Biosciences, 2019, 6, 77.	3.5	13
108	Xanthohumol Requires the Intestinal Microbiota to Improve Glucose Metabolism in Dietâ€Induced Obese Mice. Molecular Nutrition and Food Research, 2021, 65, e2100389.	3.3	13

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109	Alkaloids of theSedum acre-group (Crassulaceae). Plant Systematics and Evolution, 1993, 185, 207-217.	0.9	12
110	Sulforaphane absorption and histone deacetylase activity following single dosing of broccoli sprout supplement in normal dogs. Veterinary Medicine and Science, 2018, 4, 357-363.	1.6	12
111	Composition of the Gut Microbiome Influences Production of Sulforaphane-Nitrile and Iberin-Nitrile from Glucosinolates in Broccoli Sprouts. Nutrients, 2021, 13, 3013.	4.1	12
112	Centella asiatica Alters Metabolic Pathways Associated With Alzheimerâ€™s Disease in the 5xFAD Mouse Model of ÃŸ-Amyloid Accumulation. Frontiers in Pharmacology, 2021, 12, 788312.	3.5	12
113	The Impact of the hAPP695SW Transgene and Associated Amyloid-Î² Accumulation on Murine Hippocampal Biochemical Pathways. Journal of Alzheimer's Disease, 2022, 85, 1601-1619.	2.6	12
114	Deuteriumâ€labeled phylloquinone fed to Î±â€tocopherolâ€injected rats demonstrates sensitivity of low phylloquinoneâ€containing tissues to menaquinoneâ€4 depletion. Molecular Nutrition and Food Research, 2014, 58, 1610-1619.	3.3	11
115	Exudate flavonoids of Eupatorium cannabinum. Biochemical Systematics and Ecology, 1995, 23, 451-452.	1.3	10
116	Biosystematic, molecular and phytochemical evidence for the multiple origin of sympetaly in Eurasian Sedoideae (Crassulaceae). Biochemical Systematics and Ecology, 1999, 27, 407-426.	1.3	10
117	Formation of a Vitamin C Conjugate of Acrolein and Its Paraoxonase-Mediated Conversion into 5,6,7,8-Tetrahydroxy-4-oxooctanal. Chemical Research in Toxicology, 2010, 23, 836-844.	3.3	10
118	Xanthohumol microbiome and signature in healthy adults (the XMaS trial): a phase I triple-masked, placebo-controlled clinical trial. Trials, 2020, 21, 835.	1.6	10
119	18O-Tracer Metabolomics Reveals Protein Turnover and CDP-Choline Cycle Activity in Differentiating 3T3-L1 Pre-Adipocytes. PLoS ONE, 2016, 11, e0157118.	2.5	10
120	Pharmacokinetics and Pharmacodynamics of Key Components of a Standardized Centella asiatica Product in Cognitively Impaired Older Adults: A Phase 1, Double-Blind, Randomized Clinical Trial. Antioxidants, 2022, 11, 215.	5.1	10
121	Stable isotope-assisted LCâ¿¿MS/MS monitoring of glyceryl trinitrate bioactivation in a cell culture model of nitrate tolerance. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1019, 156-163.	2.3	9
122	Metabolomics-Driven Elucidation of Cellular Nitrate Tolerance Reveals Ascorbic Acid Prevents Nitroglycerin-Induced Inactivation of Xanthine Oxidase. Frontiers in Pharmacology, 2018, 9, 1085.	3.5	9
123	Tetrahydroxanthohumol, a xanthohumol derivative, attenuates high-fat diet-induced hepatic steatosis by antagonizing PPARÎ³. ELife, 2021, 10, .	6.0	9
124	Phytochemical characterization of Tabernanthe iboga root bark and its effects on dysfunctional metabolism and cognitive performance in high-fat-fed C57BL/6J mice. Journal of Food Bioactives: an Official Scientific Publication of the International Society of Nutraceuticals and Functional Foods (ISNFF), 2018, 3, 111-123.	2.4	9
125	Flavonoid aglycones and a thiophene derivative from Helichrysum cassianum. Phytochemistry, 1998, 47, 1441-1443.	2.9	8
126	Chemodiversity of Exudate Flavonoids in Cassinia and Ozothamnus (Asteraceae, Gnaphalieae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 731-739.	1.4	8

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127	Glucosinolates in the new oilseed crop meadowfoam: natural variation in Section Inflexae of Limnanthes, a new glucosinolate in L.Âfloccosa, and QTL analysis in L.Âalba. Plant Breeding, 2011, 130, 352-359.	1.9	8
128	Total synthesis of [¹³C]₂â€, [¹³C]₃â€, and [¹³C]₅â€isotopomers of xanthohumol, the principal prenylflavonoid from hops. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 639-648.	1.0	8
129	Linden (Tilia cordata) associated bumble bee mortality: Metabolomic analysis of nectar and bee muscle. PLoS ONE, 2019, 14, e0218406.	2.5	8
130	Supplementation with Sea Vegetables Palmaria mollis and Undaria pinnatifida Exerts Metabolic Benefits in Diet-Induced Obesity in Mice. Current Developments in Nutrition, 2020, 4, nzaa072.	0.3	8
131	Phytochemical Investigation and Reproductive Capacity of the Bulgarian Endemic Plant Species Marrubium friwaldskyanum Boiss. (Lamiaceae). Plants, 2022, 11, 114.	3.5	8
132	Isolation of Two Cytotoxic Diterpenes from the Fern Pteris multifida. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1996, 51, 635-638.	1.4	7
133	Rice Protein Matrix Enhances Circulating Levels of Xanthohumol Following Acute Oral Intake of Spent Hops in Humans. Molecular Nutrition and Food Research, 2018, 62, e1700692.	3.3	6
134	Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 827, 139-145.	2.3	5
135	Effects of Chronic Secondhand Smoke (SHS) Exposure on Cognitive Performance and Metabolic Pathways in the Hippocampus of Wild-Type and Human Tau Mice. Environmental Health Perspectives, 2021, 129, 057009.	6.0	5
136	Plasma Lipidomic Patterns in Patients with Symptomatic Coronary Microvascular Dysfunction. Metabolites, 2021, 11, 648.	2.9	5
137	Xanthohumol and Structurally Related Prenylflavonoids for Cancer Chemoprevention and Control. , 2020, , 319-350.		5
138	Withania somnifera and Centella asiatica Extracts Ameliorate Behavioral Deficits in an In Vivo Drosophila melanogaster Model of Oxidative Stress. Antioxidants, 2022, 11, 121.	5.1	5
139	A Dihydroflavonol with Taxonomic Significance from the Fern Notholaena sulphurea. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2001, 56, 499-502.	1.4	4
140	Functional Food â€“ Where do we go?. Molecular Nutrition and Food Research, 2014, 58, 5-6.	3.3	4
141	Centella asiatica Water Extract Shows Low Potential for Cytochrome P450â€“Mediated Drug Interactions. Drug Metabolism and Disposition, 2020, 48, 1053-1063.	3.3	4
142	Xanthohumol Pyrazole Derivative Improves Diet-Induced Obesity and Induces Energy Expenditure in High-Fat Diet-Fed Mice. ACS Pharmacology and Translational Science, 2021, 4, 1782-1793.	4.9	4
143	Flavonoids: Separation and Quantitation. Scientific World Journal, The, 2015, 2015, 1-2.	2.1	3
144	Glucosinolate Degradation Products in Fermented Meadowfoam Seed Meal and Their Herbicidal Activities. , 2011, , 141-157.		3

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145	Application of Paper Strip Extraction in Combination with LC-MS-MS in Pharmacokinetics. Spectroscopy (Santa Monica), 2013, 39, s18-s25.	1.0	3
146	Phytochemical Characterization and Bioactivity Toward Breast Cancer Cells of Unhydrolyzed and Acid-Hydrolyzed Extracts of Fagonia indica. Natural Product Communications, 2022, 17, 1934578X2211094.	0.5	3
147	Myricetin 3-O-arabinofuranoside from Sedum montanum ssp. orientale. Biochemical Systematics and Ecology, 1994, 22, 861-862.	1.3	2
148	LCâ€MS/MS Quantitation of Mercapturic Acid Conjugates of Lipid Peroxidation Products as Markers of Oxidative Stress. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2010, 45, Unit17.14.2.	1.1	2
149	Acrolein. Molecular Nutrition and Food Research, 2011, 55, 1275-1276.	3.3	2
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