

# Jan F. Stevens

## List of Publications by Year in descending order

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162  
papers

8,977  
citations

41344

49  
h-index

45317

90  
g-index

167  
all docs

167  
docs citations

167  
times ranked

10128  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Research on Polyphenols: Effects on Microbiota, Metabolism, and Health. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100670.	3.3	48
2	<i>Withania somnifera</i> and <i>Centella asiatica</i> Extracts Ameliorate Behavioral Deficits in an In Vivo <i>Drosophila melanogaster</i> Model of Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 121.	5.1	5
3	Pharmacokinetics and Pharmacodynamics of Key Components of a Standardized <i>Centella asiatica</i> Product in Cognitively Impaired Older Adults: A Phase 1, Double-Blind, Randomized Clinical Trial. <i>Antioxidants</i> , 2022, 11, 215.	5.1	10
4	The Impact of the hAPP695SW Transgene and Associated Amyloid- $\beta^2$ Accumulation on Murine Hippocampal Biochemical Pathways. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1601-1619.	2.6	12
5	Phytochemical Investigation and Reproductive Capacity of the Bulgarian Endemic Plant Species <i>Marrubium frivaldskyanum</i> Boiss. (Lamiaceae). <i>Plants</i> , 2022, 11, 114.	3.5	8
6	Phytochemical Characterization and Bioactivity Toward Breast Cancer Cells of Unhydrolyzed and Acid-Hydrolyzed Extracts of <i>Fagonia indica</i> . <i>Natural Product Communications</i> , 2022, 17, 1934578X2211094.	0.5	3
7	Xanthohumol Microbiome and Signature in Healthy Adults (the XMaS Trial): Safety and Tolerability Results of a Phase I Triple-Masked, Placebo-Controlled Clinical Trial. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2001170.	3.3	18
8	Xanthohumol ameliorates Diet-Induced Liver Dysfunction via Farnesoid X Receptor-Dependent and Independent Signaling. <i>Frontiers in Pharmacology</i> , 2021, 12, 643857.	3.5	20
9	Effects of Chronic Secondhand Smoke (SHS) Exposure on Cognitive Performance and Metabolic Pathways in the Hippocampus of Wild-Type and Human Tau Mice. <i>Environmental Health Perspectives</i> , 2021, 129, 057009.	6.0	5
10	Tetrahydroxanthohumol, a xanthohumol derivative, attenuates high-fat diet-induced hepatic steatosis by antagonizing PPAR $\beta$ . <i>ELife</i> , 2021, 10, .	6.0	9
11	Nitrate-induced improvements in exercise performance are coincident with exuberant changes in metabolic genes and the metabolome in zebrafish ( <i>Danio rerio</i> ) skeletal muscle. <i>Journal of Applied Physiology</i> , 2021, 131, 142-157.	2.5	2
12	Caffeoylquinic acids: chemistry, biosynthesis, occurrence, analytical challenges, and bioactivity. <i>Plant Journal</i> , 2021, 107, 1299-1319.	5.7	87
13	Composition of the Gut Microbiome Influences Production of Sulforaphane-Nitrile and Iberin-Nitrile from Glucosinolates in Broccoli Sprouts. <i>Nutrients</i> , 2021, 13, 3013.	4.1	12
14	Plasma Lipidomic Patterns in Patients with Symptomatic Coronary Microvascular Dysfunction. <i>Metabolites</i> , 2021, 11, 648.	2.9	5
15	Xanthohumol Requires the Intestinal Microbiota to Improve Glucose Metabolism in Diet-Induced Obese Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100389.	3.3	13
16	Effects of 5-Ion Beam Irradiation and Hindlimb Unloading on Metabolic Pathways in Plasma and Brain of Behaviorally Tested WAG/Rij Rats. <i>Frontiers in Physiology</i> , 2021, 12, 746509.	2.8	14
17	Xanthohumol Pyrazole Derivative Improves Diet-Induced Obesity and Induces Energy Expenditure in High-Fat Diet-Fed Mice. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1782-1793.	4.9	4
18	Developing a Rational, Optimized Product of <i>Centella asiatica</i> for Examination in Clinical Trials: Real World Challenges. <i>Frontiers in Nutrition</i> , 2021, 8, 799137.	3.7	2

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19	Centella asiatica Alters Metabolic Pathways Associated With Alzheimer's Disease in the 5xFAD Mouse Model of A $\beta$ -Amyloid Accumulation. <i>Frontiers in Pharmacology</i> , 2021, 12, 788312.	3.5	12
20	Improvements in Metabolic Syndrome by Xanthohumol Derivatives Are Linked to Altered Gut Microbiota and Bile Acid Metabolism. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900789.	3.3	32
21	Potential use of polyphenols in the battle against COVID-19. <i>Current Opinion in Food Science</i> , 2020, 32, 149-155.	8.0	105
22	Plasma metabolomics supports the use of long-duration cardiac arrest rodent model to study human disease by demonstrating similar metabolic alterations. <i>Scientific Reports</i> , 2020, 10, 19707.	3.3	16
23	Caffeoylquinic Acids in Centella asiatica Reverse Cognitive Deficits in Male 5XFAD Alzheimer's Disease Model Mice. <i>Nutrients</i> , 2020, 12, 3488.	4.1	34
24	Xanthohumol microbiome and signature in healthy adults (the XMaS trial): a phase I triple-masked, placebo-controlled clinical trial. <i>Trials</i> , 2020, 21, 835.	1.6	10
25	From source to bedside: Translational studies of centella asiatica for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e041268.	0.8	1
26	Supplementation with Sea Vegetables <i>Palmaria mollis</i> and <i>Undaria pinnatifida</i> Exerts Metabolic Benefits in Diet-Induced Obesity in Mice. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa072.	0.3	8
27	Vitamin C Activates the Folate-Mediated One-Carbon Cycle in C2C12 Myoblasts. <i>Antioxidants</i> , 2020, 9, 217.	5.1	19
28	Centella asiatica Water Extract Shows Low Potential for Cytochrome P450-Mediated Drug Interactions. <i>Drug Metabolism and Disposition</i> , 2020, 48, 1053-1063.	3.3	4
29	Targeting the Liver-Brain Axis with Hop-Derived Flavonoids Improves Lipid Metabolism and Cognitive Performance in Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000341.	3.3	17
30	Integration of mass spectral fingerprinting analysis with precursor ion (MS1) quantification for the characterisation of botanical extracts: application to extracts of Centella asiatica (L.) Urban. <i>Phytochemical Analysis</i> , 2020, 31, 722-738.	2.4	28
31	Germ-Free Swiss Webster Mice on a High-Fat Diet Develop Obesity, Hyperglycemia, and Dyslipidemia. <i>Microorganisms</i> , 2020, 8, 520.	3.6	17
32	Xanthohumol and Structurally Related Prenylflavonoids for Cancer Chemoprevention and Control. , 2020, , 319-350.		5
33	Nitrate and nitrite exposure leads to mild anxiogenic-like behavior and alters brain metabolomic profile in zebrafish. <i>PLoS ONE</i> , 2020, 15, e0240070.	2.5	15
34	Antibesogenic Potential of Seaweed Dulse ( <i>Palmaria palmata</i> ) in High-fat Fed C57BL/6 J Mice (P21-014-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz041.P21-014-19.	0.3	1
35	Linden ( <i>Tilia cordata</i> ) associated bumble bee mortality: Metabolomic analysis of nectar and bee muscle. <i>PLoS ONE</i> , 2019, 14, e0218406.	2.5	8
36	Tissue-Specific Metabolic Profiles After Prolonged Cardiac Arrest Reveal Brain Metabolome Dysfunction Predominantly After Resuscitation. <i>Journal of the American Heart Association</i> , 2019, 8, e012809.	3.7	28

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37	Treatment with Nitrate, but Not Nitrite, Lowers the Oxygen Cost of Exercise and Decreases Glycolytic Intermediates While Increasing Fatty Acid Metabolites in Exercised Zebrafish. <i>Journal of Nutrition</i> , 2019, 149, 2120-2132.	2.9	14
38	Back cover: Reductive Metabolism of Xanthohumol and 8â€Prenylaringenin by the Intestinal Bacterium <i>Eubacterium ramulus</i>. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1970006.	3.3	1
39	Antiproliferative and Cytotoxic Activity of Xanthohumol and Its Non-Estrogenic Derivatives in Colon and Hepatocellular Carcinoma Cell Lines. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1203.	4.1	41
40	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. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 77.	3.5	13
41	Reductive Metabolism of Xanthohumol and 8â€Prenylaringenin by the Intestinal Bacterium <i>Eubacterium ramulus</i>. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800923.	3.3	42
42	Untargeted Metabolomic Screen Reveals Changes in Human Plasma Metabolite Profiles Following Consumption of Fresh Broccoli Sprouts. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700665.	3.3	26
43	Rice Protein Matrix Enhances Circulating Levels of Xanthohumol Following Acute Oral Intake of Spent Hops in Humans. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700692.	3.3	6
44	Non-estrogenic Xanthohumol Derivatives Mitigate Insulin Resistance and Cognitive Impairment in High-Fat Diet-induced Obese Mice. <i>Scientific Reports</i> , 2018, 8, 613.	3.3	53
45	MNF's Upcoming Topics, Structure, and Standards in 2018. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1870014.	3.3	0
46	Mitochondria-Centric Review of Polyphenol Bioactivity in Cancer Models. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1589-1611.	5.4	57
47	Comprehensive analysis of phospholipids in the brain, heart, kidney, and liver: brain phospholipids are least enriched with polyunsaturated fatty acids. <i>Molecular and Cellular Biochemistry</i> , 2018, 442, 187-201.	3.1	94
48	Centella asiatica: phytochemistry and mechanisms of neuroprotection and cognitive enhancement. <i>Phytochemistry Reviews</i> , 2018, 17, 161-194.	6.5	144
49	Metabolomics-Driven Elucidation of Cellular Nitrate Tolerance Reveals Ascorbic Acid Prevents Nitroglycerin-Induced Inactivation of Xanthine Oxidase. <i>Frontiers in Pharmacology</i> , 2018, 9, 1085.	3.5	9
50	Sulforaphane absorption and histone deacetylase activity following single dosing of broccoli sprout supplement in normal dogs. <i>Veterinary Medicine and Science</i> , 2018, 4, 357-363.	1.6	12
51	Medications and Micronutrients: Identifying Clinically Relevant Interactions and Addressing Nutritional Needs. <i>Journal of Pharmacy Technology</i> , 2018, 34, 216-230.	1.0	13
52	Photoprotective Properties of Isothiocyanate and Nitrile Glucosinolate Derivatives From Meadowfoam ( <i>Limnanthes alba</i> ) Against UVB Irradiation in Human Skin Equivalent. <i>Frontiers in Pharmacology</i> , 2018, 9, 477.	3.5	14
53	Isolation and Identification of Tyrosinase-Inhibitory and Copper-Chelating Peptides from Hydrolyzed Rice-Bran-Derived Albumin. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8346-8354.	5.2	52
54	Phytochemical characterization of <i>Tabernaeanthe iboga</i> root bark and its effects on dysfunctional metabolism and cognitive performance in high-fat-fed C57BL/6J mice. <i>Journal of Food Bioactives: an Official Scientific Publication of the International Society of Nutraceuticals and Functional Foods (ISNFF)</i> , 2018, 3, 111-123.	2.4	9

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55	Lethal dysregulation of energy metabolism during embryonic vitamin E deficiency. <i>Free Radical Biology and Medicine</i> , 2017, 104, 324-332.	2.9	36
56	Apolipoprotein E4 and Insulin Resistance Interact to Impair Cognition and Alter the Epigenome and Metabolome. <i>Scientific Reports</i> , 2017, 7, 43701.	3.3	79
57	Lipid quantitation and metabolomics data from vitamin E-deficient and -sufficient zebrafish embryos from 0 to 120 hours-post-fertilization. <i>Data in Brief</i> , 2017, 11, 432-441.	1.0	14
58	Hot Topics in 2017 – Gut Microbiota, Whole Grains and Health. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1770014.	3.3	1
59	Total synthesis of [ <sup>13</sup> C] <sub>2</sub> , [ <sup>13</sup> C] <sub>3</sub> , and [ <sup>13</sup> C] <sub>5</sub> isotopomers of xanthohumol, the principal prenylflavonoid from hops. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 639-648.	1.0	8
60	Vitamin E deficiency causes a metabolic reprogramming dysregulating cellular energy homeostasis. <i>Free Radical Biology and Medicine</i> , 2017, 108, S2.	2.9	0
61	Conformational modulation of the farnesoid X receptor by prenylflavonoids: Insights from hydrogen deuterium exchange mass spectrometry (HDX-MS), fluorescence titration and molecular docking studies. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1667-1677.	2.3	18
62	Stable isotope-assisted LC-MS/MS monitoring of glyceryl trinitrate bioactivation in a cell culture model of nitrate tolerance. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 156-163.	2.3	9
63	Lipidomics and H <sub>2</sub> 18O labeling techniques reveal increased remodeling of DHA-containing membrane phospholipids associated with abnormal locomotor responses in ±-tocopherol deficient zebrafish ( <i>danio rerio</i> ) embryos. <i>Redox Biology</i> , 2016, 8, 165-174.	9.0	25
64	Amelioration of Metabolic Syndrome-Associated Cognitive Impairments in Mice via a Reduction in Dietary Fat Content or Infusion of Non-Diabetic Plasma. <i>EBioMedicine</i> , 2016, 3, 26-42.	6.1	59
65	Xanthohumol improves dysfunctional glucose and lipid metabolism in diet-induced obese C57BL/6J mice. <i>Archives of Biochemistry and Biophysics</i> , 2016, 599, 22-30.	3.0	69
66	The chemistry of gut microbial metabolism of polyphenols. <i>Phytochemistry Reviews</i> , 2016, 15, 425-444.	6.5	161
67	Isolation and identification of antioxidant peptides from enzymatically hydrolyzed rice bran protein. <i>Food Chemistry</i> , 2016, 192, 156-162.	8.2	192
68	<sup>18</sup> O-Tracer Metabolomics Reveals Protein Turnover and CDP-Choline Cycle Activity in Differentiating 3T3-L1 Pre-Adipocytes. <i>PLoS ONE</i> , 2016, 11, e0157118.	2.5	10
69	Dried apple peel powder decreases microbial expansion during storage of beef, pork and turkey, and protects against carcinogen production during heat processing of ground beef. <i>Journal of Animal and Feed Sciences</i> , 2016, 25, 167-173.	1.1	0
70	Scoping dietary supplements versus botanical medicines. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 5-6.	3.3	0
71	Flavonoids: Separation and Quantitation. <i>Scientific World Journal</i> , The, 2015, 2015, 1-2.	2.1	3
72	Metabolomic analysis to define and compare the effects of PAHs and oxygenated PAHs in developing zebrafish. <i>Environmental Research</i> , 2015, 140, 502-510.	7.5	62

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73	Novel function of vitamin E in regulation of zebrafish ( <i>Danio rerio</i> ) brain lysophospholipids discovered using lipidomics. <i>Journal of Lipid Research</i> , 2015, 56, 1182-1190.	4.2	51
74	Absorption and chemopreventive targets of sulforaphane in humans following consumption of broccoli sprouts or a myrosinase-treated broccoli sprout extract. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 424-433.	3.3	104
75	Functional Food “Where do we go?”. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 5-6.	3.3	4
76	Deuterium-labeled phylloquinone fed to $\alpha$ -tocopherol-injected rats demonstrates sensitivity of low phylloquinone-containing tissues to menaquinone-4 depletion. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1610-1619.	3.3	11
77	Human pharmacokinetics of xanthohumol, an antihyperglycemic flavonoid from hops. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 248-255.	3.3	106
78	Xanthohumol improved cognitive flexibility in young mice. <i>Behavioural Brain Research</i> , 2014, 275, 1-10.	2.2	44
79	Identification and Phytotoxicity of a New Glucosinolate Breakdown Product from Meadowfoam ( <i>Limnanthes alba</i> ) Seed Meal. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7423-7429.	5.2	20
80	Flavin-containing monooxygenase S-oxygenation of a series of thioureas and thiones. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 91-99.	2.8	16
81	Novel liquid chromatography-mass spectrometry method shows that vitamin E deficiency depletes arachidonic and docosahexaenoic acids in zebrafish ( <i>Danio rerio</i> ) embryos. <i>Redox Biology</i> , 2014, 2, 105-113.	9.0	35
82	Caffeoylquinic Acids in <i>Centella asiatica</i> Protect against Amyloid- $\beta$ Toxicity. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 359-373.	2.6	78
83	Identifying Rates of Meadowfoam ( <i>Limnanthes alba</i> ) Seed Meal Needed for Suppression of <i>Meloidogyne hapla</i> and <i>Pythium irregulare</i> in Soil. <i>Plant Disease</i> , 2014, 98, 1253-1260.	1.4	2
84	Roles of the Sodium-Translocating NADH:Quinone Oxidoreductase (Na <sup>+</sup> -NQR) on <i>Vibrio cholerae</i> Metabolism, Motility and Osmotic Stress Resistance. <i>PLoS ONE</i> , 2014, 9, e97083.	2.5	19
85	Simultaneous, Untargeted Metabolic Profiling of Polar and Nonpolar Metabolites by LC-QTOF Mass Spectrometry. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et al]</i> , 2013, 56, Unit4.39.	1.1	42
86	Xanthohumol lowers body weight and fasting plasma glucose in obese male Zucker <i>fa/fa</i> rats. <i>Phytochemistry</i> , 2013, 91, 236-241.	2.9	84
87	Transcription Factor <i>Ctip2</i> Controls Epidermal Lipid Metabolism and Regulates Expression of Genes Involved in Sphingolipid Biosynthesis during Skin Development. <i>Journal of Investigative Dermatology</i> , 2013, 133, 668-676.	0.7	24
88	A Metabolomics-driven Elucidation of the Anti-obesity Mechanisms of Xanthohumol. <i>Journal of Biological Chemistry</i> , 2013, 288, 19000-19013.	3.4	76
89	Electrospray Quadrupole Travelling Wave Ion Mobility Time-of-Flight Mass Spectrometry for the Detection of Plasma Metabolome Changes Caused by Xanthohumol in Obese Zucker ( <i>fa/fa</i> ) Rats. <i>Metabolites</i> , 2013, 3, 701-717.	2.9	20
90	Electrospray Ionization Traveling Wave Ion Mobility Spectrometry Mass Spectrometry for the Analysis of Plant Phenolics: An Approach for Separation of Regioisomers. , 2013, , 21-41.		2

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91	Application of Paper Strip Extraction in Combination with LC-MS-MS in Pharmacokinetics. Spectroscopy (Santa Monica), 2013, 39, s18-s25.	1.0	3
92	Vitamin C Deficiency Activates the Purine Nucleotide Cycle in Zebrafish. Journal of Biological Chemistry, 2012, 287, 3833-3841.	3.4	63
93	Activity of Meadowfoam ( <i>Limnanthes alba</i> ) Seed Meal Glucolimnanthin Degradation Products against Soilborne Pathogens. Journal of Agricultural and Food Chemistry, 2012, 60, 339-345.	5.2	23
94	Pharmacokinetics of xanthohumol and metabolites in rats after oral and intravenous administration. Molecular Nutrition and Food Research, 2012, 56, 466-474.	3.3	101
95	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
96	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
97	Glucosinolates in the new oilseed crop meadowfoam: natural variation in Section <i>Inflexae</i> of <i>Limnanthes</i> , a new glucosinolate in <i>L. flaccosa</i> , and QTL analysis in <i>L. alba</i> . Plant Breeding, 2011, 130, 352-359.	1.9	8
98	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
99	Vitamins C and E: Beneficial effects from a mechanistic perspective. Free Radical Biology and Medicine, 2011, 51, 1000-1013.	2.9	685
100	Metabolism and Tissue Distribution of Sulforaphane in Nrf2 Knockout and Wild-Type Mice. Pharmaceutical Research, 2011, 28, 3171-3179.	3.5	130
101	Mass spectrometry-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
102	Acrolein. Molecular Nutrition and Food Research, 2011, 55, 1275-1276.	3.3	2
103	Glucosinolate Degradation Products in Fermented Meadowfoam Seed Meal and Their Herbicidal Activities. , 2011, , 141-157.		3
104	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
105	Xanthohumol and Related Prenylated Flavonoids Inhibit Inflammatory Cytokine Production in LPS-Activated THP-1 Monocytes: Structure-Activity Relationships and <i>In Silico</i> Binding to Myeloid Differentiation Protein-2 (MD-2). Planta Medica, 2010, 76, 1536-1543.	1.3	87
106	LC-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
107	Site-Specific Protein Adducts of 4-Hydroxy-2-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
108	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

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109	Covalent interaction of ascorbic acid with natural products. <i>Phytochemistry</i> , 2009, 70, 1930-1939.	2.9	36
110	Herbicidal Activity of Glucosinolate Degradation Products in Fermented Meadowfoam ( <i>Limnanthes</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.2	28
111	Ascorbic Acid Promotes Detoxification and Elimination of 4-Hydroxy-2(4 <i>E</i> )-nonenal in Human Monocytic THP-1 Cells. <i>Chemical Research in Toxicology</i> , 2009, 22, 863-874.	3.3	33
112	Hop proanthocyanidins induce apoptosis, protein carbonylation, and cytoskeleton disorganization in human colorectal adenocarcinoma cells via reactive oxygen species. <i>Food and Chemical Toxicology</i> , 2009, 47, 827-836.	3.6	35
113	Acrolein: Sources, metabolism, and biomolecular interactions relevant to human health and disease. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 7-25.	3.3	586
114	Characterization of Phytoecdysteroid Glycosides in Meadowfoam ( <i>Limnanthes alba</i> ) Seed Meal by Positive and Negative Ion LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 3945-3952.	5.2	39
115	EST Analysis of Hop Glandular Trichomes Identifies an <i>O</i> -Methyltransferase That Catalyzes the Biosynthesis of Xanthohumol. <i>Plant Cell</i> , 2008, 20, 186-200.	6.6	158
116	Mercapturic Acid Conjugates of 4-Hydroxy-2-nonenal and 4-Oxo-2-nonenal Metabolites Are in Vivo Markers of Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2008, 283, 17131-17138.	3.4	49
117	Chemodiversity of Exudate Flavonoids in <i>Cassinia</i> and <i>Ozothamnus</i> (Asteraceae, Gnaphalieae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 731-739.	1.4	8
118	Xanthohumol, a prenylflavonoid derived from hops induces apoptosis and inhibits NF-kappaB activation in prostate epithelial cells. <i>Cancer Letters</i> , 2007, 246, 201-209.	7.2	167
119	Design, Synthesis, and Application of a Hydrazide-Functionalized Isotope-Coded Affinity Tag for the Quantification of Oxylipid-Protein Conjugates. <i>Analytical Chemistry</i> , 2007, 79, 3342-3354.	6.5	63
120	Ascorbylated 4-hydroxy-2-nonenal as a potential biomarker of oxidative stress response. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 827, 139-145.	2.3	5
121	Exudate Flavonoids in Some Gnaphalieae and Inuleae (Asteraceae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2005, 60, 671-678.	1.4	19
122	Mass Tagging Approach for Mitochondrial Thiol Proteins. <i>Journal of Proteome Research</i> , 2005, 4, 1403-1412.	3.7	21
123	Vitamin C conjugates of genotoxic lipid peroxidation products: Structural characterization and detection in human plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 17964-17969.	7.1	42
124	S-Oxygenation of the thioether organophosphate insecticides phorate and disulfoton by human lung flavin-containing monooxygenase 2. <i>Biochemical Pharmacology</i> , 2004, 68, 959-967.	4.4	60
125	Xanthohumol and related prenylflavonoids from hops and beer: to your good health!. <i>Phytochemistry</i> , 2004, 65, 1317-1330.	2.9	548
126	Human Flavin-Containing Monooxygenase Form 2 S-Oxygenation: Sulfenic Acid Formation from Thioureas and Oxidation of Glutathione. <i>Chemical Research in Toxicology</i> , 2004, 17, 633-640.	3.3	74



#	ARTICLE	IF	CITATIONS
127	Taxonomic significance of flavonoid variation in temperate species of <i>Nothofagus</i> . <i>Phytochemistry</i> , 2003, 62, 1125-1131.	2.9	22
128	Inhibition of Peroxynitrite-Mediated LDL Oxidation by Prenylated Flavonoids: The $\alpha$ , $\beta$ -Unsaturated Keto Functionality of 2-Hydroxychalcones as a Novel Antioxidant Pharmacophore. <i>Chemical Research in Toxicology</i> , 2003, 16, 1277-1286.	3.3	64
129	Cancer Chemopreventive in vitro Activities of Isoflavones Isolated from <i>Iris germanica</i> . <i>Planta Medica</i> , 2003, 69, 15-20.	1.3	68
130	On the Occurrence of Exudate Flavonoids in the Borage Family (Boraginaceae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 445-448.	1.4	18
131	Identification and in Vitro Biological Activities of Hop Proanthocyanidins: Inhibition of nNOS Activity and Scavenging of Reactive Nitrogen Species. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 3435-3443.	5.2	87
132	Influence of prenylated and non-prenylated flavonoids on liver microsomal lipid peroxidation and oxidative injury in rat hepatocytes. <i>Food and Chemical Toxicology</i> , 2001, 39, 437-445.	3.6	89
133	In vitro glucuronidation of xanthohumol, a flavonoid in hop and beer, by rat and human liver microsomes. <i>FEBS Letters</i> , 2001, 491, 252-256.	2.8	71
134	A Dihydroflavonol with Taxonomic Significance from the Fern <i>Notholaena sulphurea</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 499-502.	1.4	4
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136	C-Methyl-flavonoids from the leaf waxes of some Myrtaceae. <i>Phytochemistry</i> , 2000, 55, 965-970.	2.9	71
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138	Antioxidant and Prooxidant Actions of Prenylated and Nonprenylated Chalcones and Flavanones in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 3876-3884.	5.2	312
139	Leaf surface flavonoids of <i>Chrysothamnus</i> . <i>Phytochemistry</i> , 1999, 51, 771-780.	2.9	54
140	Quantitative analysis of xanthohumol and related prenylflavonoids in hops and beer by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 1999, 832, 97-107.	3.7	301
141	Biosystematic, molecular and phytochemical evidence for the multiple origin of sympetaly in Eurasian Sedoideae (Crassulaceae). <i>Biochemical Systematics and Ecology</i> , 1999, 27, 407-426.	1.3	10
142	A Novel 2-Hydroxyflavanone from <i>Collinsonia canadensis</i> . <i>Journal of Natural Products</i> , 1999, 62, 392-394.	3.0	23
143	Antiproliferative and cytotoxic effects of prenylated flavonoids from hops ( <i>Humulus lupulus</i> ) in human cancer cell lines. <i>Food and Chemical Toxicology</i> , 1999, 37, 271-285.	3.6	343
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147	Identification of Isoflavones in the Roots of <i>Pueraria lobata</i> . <i>Planta Medica</i> , 1998, 64, 620-627.	1.3	101
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149	Prenylflavonoids from <i>Humulus lupulus</i> . <i>Phytochemistry</i> , 1997, 44, 1575-1585.	2.9	240
150	Alkaloids of some Asian <i>Sedum</i> species. <i>Phytochemistry</i> , 1996, 41, 1319-1324.	2.9	56
151	Flavonoid variation in eurasian <i>Sedum</i> and <i>Sempervivum</i> . <i>Phytochemistry</i> , 1996, 41, 503-512.	2.9	67
152	Epicuticular waxes and glaucousness of <i>Encephalartos</i> leaves. <i>Phytochemistry</i> , 1996, 42, 1335-1339.	2.9	17
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