

# Jacques J M Vervoort

## List of Publications by Year in descending order

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205  
papers

10,673  
citations

25034

57  
h-index

42399

92  
g-index

206  
all docs

206  
docs citations

206  
times ranked

13054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triglyceride and fatty acid composition of ruminants milk, human milk, and infant formulae. <i>Journal of Food Composition and Analysis</i> , 2022, 106, 104327.	3.9	15
2	First Insight into the Variation of the Milk Serum Proteome within and between Individual Cows. <i>Dairy</i> , 2022, 3, 47-58.	2.0	0
3	Exploring Human Milk Dynamics: Interindividual Variation in Milk Proteome, Peptidome, and Metabolome. <i>Journal of Proteome Research</i> , 2022, 21, 1002-1016.	3.7	7
4	Metabolomic profile of medicinal plants with anti-RVfV activity. <i>Heliyon</i> , 2022, 8, e08936.	3.2	11
5	Identification of phosphodiesterase type-5 (PDE-5) inhibitors in herbal supplements using a tiered approach and associated consumer risk. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2022, 39, 1021-1032.	2.3	4
6	Sanitary Conditions on the Farm Alters Fecal Metabolite Profile in Growing Pigs. <i>Metabolites</i> , 2022, 12, 538.	2.9	1
7	Effect of milk serum proteins on aggregation, bacteriostatic activity and digestion of lactoferrin after heat treatment. <i>Food Chemistry</i> , 2021, 337, 127973.	8.2	27
8	Interindividual Differences in Human In Vitro Intestinal Microbial Conversion of Green Tea (â€)â€)Epigallocatechinâ€)â€)O â€)Gallate and Consequences for Activation of Nrf2 Mediated Gene Expression. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2000934.	3.3	12
9	An in vitro model for microbial fructoselysine degradation shows substantial interindividual differences in metabolic capacities of human fecal slurries. <i>Toxicology in Vitro</i> , 2021, 72, 105078.	2.4	9
10	Extensive Study of Breast Milk and Infant Growth: Protocol of the Cambridge Baby Growth and Breastfeeding Study (CBGS-BF). <i>Nutrients</i> , 2021, 13, 2879.	4.1	7
11	Effect of heat treatment on bacteriostatic activity and protein profile of bovine whey proteins. <i>Food Research International</i> , 2020, 127, 108688.	6.2	44
12	NMR-Based Metabolomic Analysis and Microbial Composition of Soil Supporting <i>Burkea africana</i> Growth. <i>Metabolites</i> , 2020, 10, 402.	2.9	10
13	Sanitary Conditions Affect the Colonic Microbiome and the Colonic and Systemic Metabolome of Female Pigs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 585730.	2.2	9
14	Interindividual Differences in Human Intestinal Microbial Conversion of (â€)â€)-Epicatechin to Bioactive Phenolic Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14168-14181.	5.2	31
15	Lipoproteins Contribute to the Anti-inflammatory Capacity of <i>Lactobacillus plantarum</i> WCFS1. <i>Frontiers in Microbiology</i> , 2020, 11, 1822.	3.5	13
16	Molecular Dynamics and <i>In Vitro</i> Quantification of Safrole DNA Adducts Reveal DNA Adduct Persistence Due to Limited DNA Distortion Resulting in Inefficient Repair. <i>Chemical Research in Toxicology</i> , 2020, 33, 2298-2309.	3.3	7
17	Influence of Dry Period Length of Swedish Dairy Cows on the Proteome of Colostrum. <i>Dairy</i> , 2020, 1, 313-325.	2.0	0
18	Cellular levels and molecular dynamics simulations of estragole DNA adducts point at inefficient repair resulting from limited distortion of the double-stranded DNA helix. <i>Archives of Toxicology</i> , 2020, 94, 1349-1365.	4.2	7

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19	Relationship between energy balance and metabolic profiles in plasma and milk of dairy cows in early lactation. <i>Journal of Dairy Science</i> , 2020, 103, 4795-4805.	3.4	33
20	Induction of peroxisome proliferator activated receptor $\hat{1}^3$ (PPAR $\hat{1}^3$ ) mediated gene expression and inhibition of induced nitric oxide production by <i>Maerua subcordata</i> (Gilg) DeWolf. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 80.	2.7	8
21	Congruence of Transcription Programs in Adult Stem Cell-Derived Jejenum Organoids and Original Tissue During Long-Term Culture. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 375.	3.7	37
22	Short communication: Prediction of hyperketonemia in dairy cows in early lactation using on-farm cow data and net energy intake by partial least square discriminant analysis. <i>Journal of Dairy Science</i> , 2020, 103, 6576-6582.	3.4	4
23	Metabolomics of Milk Reflects a Negative Energy Balance in Cows. <i>Journal of Proteome Research</i> , 2020, 19, 2942-2949.	3.7	29
24	Dataset on proteomic changes of whey protein after different heat treatment. <i>Data in Brief</i> , 2020, 29, 105227.	1.0	2
25	Maternal Allergy and the Presence of Nonhuman Proteinaceous Molecules in Human Milk. <i>Nutrients</i> , 2020, 12, 1169.	4.1	10
26	Prediction of metabolic status of dairy cows in early lactation with on-farm cow data and machine learning algorithms. <i>Journal of Dairy Science</i> , 2019, 102, 10186-10201.	3.4	39
27	Hazard assessment of <i>Maerua subcordata</i> (Gilg) DeWolf. for selected endpoints using a battery of in vitro tests. <i>Journal of Ethnopharmacology</i> , 2019, 241, 111978.	4.1	2
28	Induction of EpRE-mediated gene expression by a series of mediterranean botanicals and their constituents. <i>Journal of Ethnopharmacology</i> , 2019, 240, 111940.	4.1	4
29	Human Milk Short-Chain Fatty Acid Composition is Associated with Adiposity Outcomes in Infants. <i>Journal of Nutrition</i> , 2019, 149, 716-722.	2.9	57
30	Effects of <i>Maerua subcordata</i> (Gilg) DeWolf on electrophile-responsive element (EpRE)-mediated gene expression in vitro. <i>PLoS ONE</i> , 2019, 14, e0215155.	2.5	2
31	Risk assessment of herbal supplements containing ingredients that are genotoxic and carcinogenic. <i>Critical Reviews in Toxicology</i> , 2019, 49, 567-579.	3.9	10
32	Modification of chrysanthemum odour and taste with chrysanthemol synthase induces strong dual resistance against cotton aphids. <i>Plant Biotechnology Journal</i> , 2018, 16, 1434-1445.	8.3	25
33	Type 2 diabetes-related proteins derived from an in vitro model of inflamed fat tissue. <i>Archives of Biochemistry and Biophysics</i> , 2018, 644, 81-92.	3.0	12
34	Lifelong calorie restriction affects indicators of colonic health in aging C57Bl/6J mice. <i>Journal of Nutritional Biochemistry</i> , 2018, 56, 152-164.	4.2	24
35	Identifying anti-HSV compounds from unrelated plants using NMR and LC-MS metabolomic analysis. <i>Metabolomics</i> , 2018, 14, 134.	3.0	13
36	Use of proteomics to detect sex-related differences in effects of toxicants: implications for using proteomics in toxicology. <i>Critical Reviews in Toxicology</i> , 2018, 48, 666-681.	3.9	10

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37	Milk Metabolomics Data Reveal the Energy Balance of Individual Dairy Cows in Early Lactation. <i>Scientific Reports</i> , 2018, 8, 15828.	3.3	39
38	Integrative analysis of gut microbiota composition, host colonic gene expression and intraluminal metabolites in aging C57BL/6J mice. <i>Aging</i> , 2018, 10, 930-950.	3.1	46
39	Impact of nanoparticle surface functionalization on the protein corona and cellular adhesion, uptake and transport. <i>Journal of Nanobiotechnology</i> , 2018, 16, 70.	9.1	70
40	Determination and risk assessment of naturally occurring genotoxic and carcinogenic alkenylbenzenes in basil-containing sauce of pesto. <i>Toxicology Reports</i> , 2017, 4, 1-8.	3.3	23
41	Use of physiologically based kinetic modeling-facilitated reverse dosimetry of in vitro toxicity data for prediction of in vivo developmental toxicity of tebuconazole in rats. <i>Toxicology Letters</i> , 2017, 266, 85-93.	0.8	33
42	In vitro bioassays to evaluate beneficial and adverse health effects of botanicals: promises and pitfalls. <i>Drug Discovery Today</i> , 2017, 22, 1187-1200.	6.4	9
43	Modulation of the gut microbiota impacts nonalcoholic fatty liver disease: a potential role for bile acids. <i>Journal of Lipid Research</i> , 2017, 58, 1399-1416.	4.2	94
44	Determination and risk assessment of naturally occurring genotoxic and carcinogenic alkenylbenzenes in nutmeg-based plant food supplements. <i>Journal of Applied Toxicology</i> , 2017, 37, 1254-1264.	2.8	16
45	Human milk peptides differentiate between the preterm and term infant and across varying lactational stages. <i>Food and Function</i> , 2017, 8, 3769-3782.	4.6	45
46	<i>Streptococcus salivarius</i> MS-oral-D6 promotes gingival re-epithelialization in vitro through a secreted serine protease. <i>Scientific Reports</i> , 2017, 7, 11100.	3.3	16
47	Risk assessment of combined exposure to alkenylbenzenes through consumption of plant food supplements containing parsley and dill. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 2201-2211.	2.3	16
48	Physiologically based kinetic modeling of the bioactivation of myristicin. <i>Archives of Toxicology</i> , 2017, 91, 713-734.	4.2	31
49	Effect of Processing Intensity on Immunologically Active Bovine Milk Serum Proteins. <i>Nutrients</i> , 2017, 9, 963.	4.1	56
50	Changes over lactation in breast milk serum proteins involved in the maturation of immune and digestive system of the infant. <i>Data in Brief</i> , 2016, 7, 362-365.	1.0	19
51	Breast milk nutrient content and infancy growth. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 641-647.	1.5	142
52	Level of Alkenylbenzenes in Parsley and Dill Based Teas and Associated Risk Assessment Using the Margin of Exposure Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8640-8646.	5.2	20
53	Transcriptional Analysis of <i>serk1</i> and <i>serk3</i> Coreceptor Mutants. <i>Plant Physiology</i> , 2016, 172, 2516-2529.	4.8	2
54	The protein and lipid composition of the membrane of milk fat globules depends on their size. <i>Journal of Dairy Science</i> , 2016, 99, 4726-4738.	3.4	65

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55	Changes over lactation in breast milk serum proteins involved in the maturation of immune and digestive system of the infant. <i>Journal of Proteomics</i> , 2016, 147, 40-47.	2.4	39
56	Proteomic study on the stability of proteins in bovine, camel, and caprine milk sera after processing. <i>Food Research International</i> , 2016, 82, 104-111.	6.2	59
57	Mode of action based risk assessment of the botanical food-borne alkenylbenzene apiol from parsley using physiologically based kinetic (PBK) modelling and read-across from safrole. <i>Food and Chemical Toxicology</i> , 2016, 89, 138-150.	3.6	26
58	The Muscle Metabolome Differs between Healthy and Frail Older Adults. <i>Journal of Proteome Research</i> , 2016, 15, 499-509.	3.7	76
59	Network Analysis of Metabolite GWAS Hits: Implication of CPS1 and the Urea Cycle in Weight Maintenance. <i>PLoS ONE</i> , 2016, 11, e0150495.	2.5	11
60	The <i>AVR2</i> and <i>SIX5</i> gene pair is required to activate $\text{Ca}^{2+}$ -mediated immunity in tomato. <i>New Phytologist</i> , 2015, 208, 507-518.	7.3	113
61	Bovine Milk Proteome in the First 9 Days: Protein Interactions in Maturation of the Immune and Digestive System of the Newborn. <i>PLoS ONE</i> , 2015, 10, e0116710.	2.5	79
62	Difference in the Breast Milk Proteome between Allergic and Non-Allergic Mothers. <i>PLoS ONE</i> , 2015, 10, e0122234.	2.5	39
63	Nutraceutical oleuropein supplementation prevents high fat diet-induced adiposity in mice. <i>Journal of Functional Foods</i> , 2015, 14, 702-715.	3.4	27
64	Effect of the DGAT1 K232A genotype of dairy cows on the milk metabolome and proteome. <i>Journal of Dairy Science</i> , 2015, 98, 3460-3469.	3.4	34
65	Perspective on calf and mammary gland development through changes in the bovine milk proteome over a complete lactation. <i>Journal of Dairy Science</i> , 2015, 98, 5362-5373.	3.4	34
66	Identification of lipid synthesis and secretion proteins in bovine milk. <i>Journal of Dairy Research</i> , 2014, 81, 65-72.	1.4	23
67	Malabaricone C-containing mace extract inhibits safrole bioactivation and DNA adduct formation both in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2014, 66, 373-384.	3.6	12
68	<i>In Silico</i> Prediction and Automatic LC-MS <sup>n</sup> Annotation of Green Tea Metabolites in Urine. <i>Analytical Chemistry</i> , 2014, 86, 4767-4774.	6.5	39
69	Automated quantum mechanical total line shape fitting model for quantitative NMR-based profiling of human serum metabolites. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3091-3102.	3.7	22
70	A Systematic Approach to Obtain Validated Partial Least Square Models for Predicting Lipoprotein Subclasses from Serum NMR Spectra. <i>Analytical Chemistry</i> , 2014, 86, 543-550.	6.5	39
71	Rapid and Sustained Systemic Circulation of Conjugated Gut Microbial Catabolites after Single-Dose Black Tea Extract Consumption. <i>Journal of Proteome Research</i> , 2014, 13, 2668-2678.	3.7	77
72	Structural elucidation of low abundant metabolites in complex sample matrices. <i>Metabolomics</i> , 2013, 9, 1009-1018.	3.0	42

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73	MetIDB: A Publicly Accessible Database of Predicted and Experimental <sup>1</sup> H NMR Spectra of Flavonoids. <i>Analytical Chemistry</i> , 2013, 85, 8700-8707.	6.5	23
74	Four new depsides in <i>Origanum dictamnus</i> methanol extract. <i>Phytochemistry Letters</i> , 2013, 6, 46-52.	1.2	12
75	Inhibition of methyleugenol bioactivation by the herb-based constituent nevadensin and prediction of possible in vivo consequences using physiologically based kinetic modeling. <i>Food and Chemical Toxicology</i> , 2013, 59, 564-571.	3.6	19
76	Comparative proteome approach demonstrates that platelet-derived growth factor C and D efficiently induce proliferation while maintaining multipotency of hMSCs. <i>Experimental Cell Research</i> , 2013, 319, 2649-2662.	2.6	11
77	Automatic Chemical Structure Annotation of an LC-MS Based Metabolic Profile from Green Tea. <i>Analytical Chemistry</i> , 2013, 85, 6033-6040.	6.5	107
78	Changes in Milk Proteome and Metabolome Associated with Dry Period Length, Energy Balance, and Lactation Stage in Postparturient Dairy Cows. <i>Journal of Proteome Research</i> , 2013, 12, 3288-3296.	3.7	83
79	Resistant Starch Induces Catabolic but Suppresses Immune and Cell Division Pathways and Changes the Microbiome in the Proximal Colon of Male Pigs. <i>Journal of Nutrition</i> , 2013, 143, 1889-1898.	2.9	43
80	Interactions of black tea polyphenols with human gut microbiota: implications for gut and cardiovascular health. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 1631S-1641S.	4.7	86
81	Quercetin Induces Hepatic Lipid Omega-Oxidation and Lowers Serum Lipid Levels in Mice. <i>PLoS ONE</i> , 2013, 8, e51588.	2.5	66
82	Structural Elucidation and Quantification of Phenolic Conjugates Present in Human Urine after Tea Intake. <i>Analytical Chemistry</i> , 2012, 84, 7263-7271.	6.5	117
83	Physiologically Based Kinetic Models for the Alkenylbenzene Elemicin in Rat and Human and Possible Implications for Risk Assessment. <i>Chemical Research in Toxicology</i> , 2012, 25, 2352-2367.	3.3	42
84	Gender-Dependent Associations of Metabolite Profiles and Body Fat Distribution in a Healthy Population with Central Obesity: Towards Metabolomics Diagnostics. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 652-667.	2.0	61
85	Structural Annotation and Elucidation of Conjugated Phenolic Compounds in Black, Green, and White Tea Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8841-8850.	5.2	80
86	Substructure-based annotation of high-resolution multistage MS <sup>n</sup> spectral trees. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2461-2471.	1.5	117
87	Inhibitory activity of plumbagin produced by <i>Drosera intermedia</i> on food spoilage fungi. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1638-1642.	3.5	6
88	Spectral trees as a robust annotation tool in LC-MS based metabolomics. <i>Metabolomics</i> , 2012, 8, 691-703.	3.0	63
89	Polyphenol Identification Based on Systematic and Robust High-Resolution Accurate Mass Spectrometry Fragmentation. <i>Analytical Chemistry</i> , 2011, 83, 409-416.	6.5	94
90	Physiologically based biokinetic model of bioactivation and detoxification of the alkenylbenzene methyleugenol in rat. <i>Toxicology in Vitro</i> , 2011, 25, 267-285.	2.4	38

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91	The Host Defense Proteome of Human and Bovine Milk. PLoS ONE, 2011, 6, e19433.	2.5	210
92	Affinity of Avr2 for tomato cysteine protease Rcr3 correlates with the Avr2-triggered Cf-2-mediated hypersensitive response. Molecular Plant Pathology, 2011, 12, 21-30.	4.2	23
93	Metabolic engineering of geranic acid in maize to achieve fungal resistance is compromised by novel glycosylation patterns. Metabolic Engineering, 2011, 13, 414-425.	7.0	77
94	Antimicrobial and Efflux Pump Inhibitory Activity of Caffeoylquinic Acids from Artemisia absinthium against Gram-Positive Pathogenic Bacteria. PLoS ONE, 2011, 6, e18127.	2.5	133
95	Proteomic analysis of Glossina pallidipes salivary gland hypertrophy virus virions for immune intervention in tsetse fly colonies. Journal of General Virology, 2010, 91, 3065-3074.	2.9	24
96	Design and structural analysis of a thermostable nine- $\beta$ -stranded immunoglobulin scaffold. Biocatalysis and Biotransformation, 2010, 28, 99-107.	2.0	0
97	Phase II Metabolism of Hesperetin by Individual UDP-Glucuronosyltransferases and Sulfotransferases and Rat and Human Tissue Samples. Drug Metabolism and Disposition, 2010, 38, 617-625.	3.3	86
98	LC-MS-SPE-NMR for the Isolation and Characterization of <i>neo</i> -Clerodane Diterpenoids from <i>Teucrium luteum</i> subsp. <i>flavovirens</i> . Journal of Natural Products, 2010, 73, 962-965.	3.0	30
99	Iridoid and caffeoyl phenylethanoid glycosides of the endangered carnivorous plant <i>Pinguicula lusitanica</i> L. (Lentibulariaceae). Biochemical Systematics and Ecology, 2009, 37, 285-289.	1.3	9
100	Identification of <i>in vitro</i> phosphorylation sites in the <i>Arabidopsis thaliana</i> somatic embryogenesis receptor-like kinases. Proteomics, 2009, 9, 368-379.	2.2	57
101	Characterization of Chinese Liquor Starter, <i>Daqu</i> , by Flavor Type with <sup>1</sup> H NMR-Based Nontargeted Analysis. Journal of Agricultural and Food Chemistry, 2009, 57, 11354-11359.	5.2	67
102	Plant Micrometabolomics: The Analysis of Endogenous Metabolites Present in a Plant Cell or Tissue. Journal of Proteome Research, 2009, 8, 1694-1703.	3.7	72
103	Recombinant expression and functional characterisation of regiospecific flavonoid glucosyltransferases from <i>Hieracium pilosella</i> L.. Planta, 2009, 229, 1135-1146.	3.2	31
104	Identification of fungal oxaloacetate hydrolyase within the isocitrate lyase/PEP mutase enzyme superfamily using a sequence marker-based method. Proteins: Structure, Function and Bioinformatics, 2008, 70, 157-166.	2.6	27
105	Intra- and inter-metabolite correlation spectroscopy of tomato metabolomics data obtained by liquid chromatography-mass spectrometry and nuclear magnetic resonance. Metabolomics, 2008, 4, 202-215.	3.0	74
106	QSAR Models for Predicting in Vivo Aquatic Toxicity of Chlorinated Alkanes to Fish. Chemical Research in Toxicology, 2008, 21, 739-745.	3.3	29
107	The <i>Cladosporium fulvum</i> Virulence Protein Avr2 Inhibits Host Proteases Required for Basal Defense. Plant Cell, 2008, 20, 1948-1963.	6.6	230
108	Influence of Cellular ER $\alpha$ /ER $\beta$ Ratio on the ER $\alpha$ -Agonist Induced Proliferation of Human T47D Breast Cancer Cells. Toxicological Sciences, 2008, 105, 303-311.	3.1	105



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109	Human Glutathione S-Transferase-Mediated Glutathione Conjugation of Curcumin and Efflux of These Conjugates in Caco-2 Cells. <i>Chemical Research in Toxicology</i> , 2007, 20, 1895-1902.	3.3	50
110	Tissue specialization at the metabolite level is perceived during the development of tomato fruit. <i>Journal of Experimental Botany</i> , 2007, 58, 4131-4146.	4.8	189
111	<i>Syringa oblata</i> Lindl var. <i>alba</i> as a source of oleuropein and related compounds. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 160-166.	3.5	21
112	Metabolomics technologies and metabolite identification. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 855-866.	11.4	309
113	Identification of the major constituents of <i>Hypericum perforatum</i> by LC/SPE/NMR and/or LC/MS. <i>Phytochemistry</i> , 2007, 68, 383-393.	2.9	229
114	Hyphenated chromatographic techniques for the rapid screening and identification of antioxidants in methanolic extracts of pharmaceutically used plants. <i>Journal of Chromatography A</i> , 2006, 1112, 293-302.	3.7	104
115	The Arabidopsis SOMATIC EMBRYOGENESIS RECEPTOR-LIKE KINASE1 Protein Complex Includes BRASSINOSTEROID-INSENSITIVE1. <i>Plant Cell</i> , 2006, 18, 626-638.	6.6	249
116	QUANTUM CHEMISTRY BASED QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS FOR MODELING THE (SUB)ACUTE TOXICITY OF SUBSTITUTED MONONITROBENZENES IN AQUATIC SYSTEMS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2313.	4.3	19
117	Building-Up a Comprehensive Database of Flavonoids Based on Nuclear Magnetic Resonance Data. <i>Chromatographia</i> , 2006, 64, 503-508.	1.3	32
118	Consequences of quercetin methylation for its covalent glutathione and DNA adduct formation. <i>Chemico-Biological Interactions</i> , 2006, 160, 193-203.	4.0	29
119	A Liquid Chromatography-Mass Spectrometry-Based Metabolome Database for Tomato. <i>Plant Physiology</i> , 2006, 141, 1205-1218.	4.8	522
120	<i>Cladosporium fulvum</i> Avr4 Protects Fungal Cell Walls Against Hydrolysis by Plant Chitinases Accumulating During Infection. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 1420-1430.	2.6	363
121	Binding of the AVR4 Elicitor of <i>Cladosporium fulvum</i> to Chitotriose Units Is Facilitated by Positive Allosteric Protein-Protein Interactions. <i>Journal of Biological Chemistry</i> , 2004, 279, 16786-16796.	3.4	83
122	The PAS fold. <i>FEBS Journal</i> , 2004, 271, 1198-1208.	0.2	151
123	Identification of 14 Quercetin Phase II Mono- and Mixed Conjugates and Their Formation by Rat and Human Phase II in Vitro Model Systems. <i>Chemical Research in Toxicology</i> , 2004, 17, 1520-1530.	3.3	158
124	Analytical procedure for the in-vial derivatization/extraction of phenolic acids and flavonoids in methanolic and aqueous plant extracts followed by gas chromatography with mass-selective detection. <i>Journal of Chromatography A</i> , 2004, 1041, 11-11.	3.7	8
125	Quenching of Quercetin Quinone/Quinone Methides by Different Thiolate Scavengers: Stability and Reversibility of Conjugate Formation. <i>Chemical Research in Toxicology</i> , 2003, 16, 822-831.	3.3	69
126	Inhibition of human glutathione S-transferase P1-1 by the flavonoid quercetin. <i>Chemico-Biological Interactions</i> , 2003, 145, 139-148.	4.0	92



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127	Deflavination and reconstitution of flavoproteins. <i>FEBS Journal</i> , 2003, 270, 4227-4242.	0.2	110
128	LC-UV-Solid-Phase Extraction-NMR-MS Combined with a Cryogenic Flow Probe and Its Application to the Identification of Compounds Present in Greek Oregano. <i>Analytical Chemistry</i> , 2003, 75, 6288-6294.	6.5	228
129	Ab Initio QM/MM Modeling of the Hydroxylation Step in p-Hydroxybenzoate Hydroxylase. <i>Journal of Physical Chemistry B</i> , 2003, 107, 2118-2126.	2.6	76
130	Conversion of 2-Fluoromuconate to cis -Dienelactone by Purified Enzymes of <i>Rhodococcus opacus</i> 1cp. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5636-5642.	3.1	12
131	Natural Disulfide Bond-disrupted Mutants of AVR4 of the Tomato Pathogen <i>Cladosporium fulvum</i> Are Sensitive to Proteolysis, Circumvent Cf-4-mediated Resistance, but Retain Their Chitin Binding Ability. <i>Journal of Biological Chemistry</i> , 2003, 278, 27340-27346.	3.4	102
132	Quantum Mechanical/Molecular Mechanical Free Energy Simulations of the GlutathioneS-Transferase (M1-1) Reaction with Phenanthrene 9,10-Oxide. <i>Journal of the American Chemical Society</i> , 2002, 124, 9926-9936.	13.7	90
133	Identification of o-quinone/quinone methide metabolites of quercetin in a cellular in vitro system. <i>FEBS Letters</i> , 2002, 520, 30-34.	2.8	86
134	The Regioselectivity of Glutathione Adduct Formation with Flavonoid Quinone/Quinone Methides Is pH-Dependent. <i>Chemical Research in Toxicology</i> , 2002, 15, 343-351.	3.3	78
135	Reductive deamination as a new step in the anaerobic microbial degradation of halogenated anilines. <i>FEMS Microbiology Letters</i> , 2002, 209, 307-312.	1.8	30
136	Regioselectivity of Phase II Metabolism of Luteolin and Quercetin by UDP-Glucuronosyl Transferases. <i>Chemical Research in Toxicology</i> , 2002, 15, 662-670.	3.3	219
137	Isolation and characterization of a microperoxidase-8 with a modified histidine axial ligand. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 870-878.	2.6	7
138	TRANSFORMATION OF THE INSECTICIDE TEFLUBENZURON BY MICROORGANISMS. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2001, 36, 559-567.	1.5	15
139	No Evidence for Binding Between Resistance Gene Product Cf-9 of Tomato and Avirulence Gene Product AVR9 of <i>Cladosporium fulvum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 867-876.	2.6	78
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