Guido R Haenen

List of Publications by Year
in descending order

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198 papers	15,190 citations	22146 59 h-index	19747 117 g-index
201 all docs	201 docs citations	201 times ranked	18108 citing authors

#	Article	IF	Citations
1	Health effects of quercetin: From antioxidant to nutraceutical. European Journal of Pharmacology, 2008, 585, 325-337.	3.5	1,487
2	The pharmacology of the antioxidant lipoic acid. General Pharmacology, 1997, 29, 315-331.	0.7	686
3	Applicability of an improved Trolox equivalent antioxidant capacity (TEAC) assay for evaluation of antioxidant capacity measurements of mixtures. Food Chemistry, 1999, 66, 511-517.	8.2	642
4	Oxidants and antioxidants: State of the art. American Journal of Medicine, 1991, 91, S2-S13.	1.5	448
5	Interactions between Flavonoids and Proteins:Â Effect on the Total Antioxidant Capacity. Journal of Agricultural and Food Chemistry, 2002, 50, 1184-1187.	5.2	384
6	Flavonoids as Scavengers of Nitric Oxide Radical. Biochemical and Biophysical Research Communications, 1995, 214, 755-759.	2.1	321
7	Flavonoids as peroxynitrite scavengers: the role of the hydroxyl groups. Toxicology in Vitro, 2001, 15, 3-6.	2.4	296
8	Peroxynitrite Scavenging by Flavonoids. Biochemical and Biophysical Research Communications, 1997, 236, 591-593.	2.1	290
9	Biomarkers. Molecular Aspects of Medicine, 2002, 23, 101-208.	6.4	250
10	The antioxidant activity of phloretin: the disclosure of a new antioxidant pharmacophore in flavonoids. Biochemical and Biophysical Research Communications, 2002, 295, 9-13.	2.1	240
11	Bioavailability and metabolism. Molecular Aspects of Medicine, 2002, 23, 39-100.	6.4	237
12	Antioxidant capacity of reaction products limits the applicability of the Trolox Equivalent Antioxidant Capacity (TEAC) assay. Food and Chemical Toxicology, 2004, 42, 45-49.	3.6	226
13	Genotoxic effects of neutrophils and hypochlorous acid. Mutagenesis, 2010, 25, 149-154.	2.6	226
14	Bioprocessing of Wheat Bran Improves in vitro Bioaccessibility and Colonic Metabolism of Phenolic Compounds. Journal of Agricultural and Food Chemistry, 2009, 57, 6148-6155.	5.2	220
15	Flavonoids can replace Î±-tocopherol as an antioxidant. FEBS Letters, 2000, 473, 145-148.	2.8	213
16	In vitro and ex vivo anti-inflammatory activity of quercetin in healthy volunteers. Nutrition, 2008, 24, 703-710.	2.4	205
17	A new approach to assess the total antioxidant capacity using the TEAC assay. Food Chemistry, 2004, 88, 567-570.	8.2	202
18	Bioavailability of ferulic acid is determined by its bioaccessibility. Journal of Cereal Science, 2009, 49, 296-300.	3.7	198

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19	Masking of antioxidant capacity by the interaction of flavonoids with protein. Food and Chemical Toxicology, 2001, 39, 787-791.	3.6	193
20	Quercetin reduces markers of oxidative stress and inflammation in sarcoidosis. Clinical Nutrition, 2011, 30, 506-512.	5.0	191
21	Interplay between lipoic acid and glutathione in the protection against microsomal lipid peroxidation. Lipids and Lipid Metabolism, 1988, 963, 558-561.	2.6	188
22	The quercetin paradox. Toxicology and Applied Pharmacology, 2007, 222, 89-96.	2.8	188
23	Protection of Flavonoids Against Lipid Peroxidation: The Structure Activity Relationship Revisited. Free Radical Research, 2002, 36, 575-581.	3.3	187
24	Bioprocessing of Wheat Bran in Whole Wheat Bread Increases the Bioavailability of Phenolic Acids in Men and Exerts Antiinflammatory Effects ex Vivo. Journal of Nutrition, 2011, 141, 137-143.	2.9	173
25	Protection against lipid peroxidation by a microsomal glutathione-dependent labile factor. FEBS Letters, 1983, 159, 24-28.	2.8	160
26	Protection against Nitric Oxide Toxicity by Tea. Journal of Agricultural and Food Chemistry, 2000, 48, 5768-5772.	5.2	157
27	Oxidized quercetin reacts with thiols rather than with ascorbate: implication for quercetin supplementation. Biochemical and Biophysical Research Communications, 2003, 308, 560-565.	2.1	154
28	Hyperglycaemia-induced impairment of endothelium-dependent vasorelaxation in rat mesenteric arteries is mediated by intracellular methylglyoxal levels in a pathway dependent on oxidative stress. Diabetologia, 2010, 53, 989-1000.	6.3	154
29	Peroxynitrite scavenging of flavonoids: structure activity relationship. Environmental Toxicology and Pharmacology, 2001, 10, 199-206.	4.0	147
30	New Insights into Controversies on the Antioxidant Potential of the Olive Oil Antioxidant Hydroxytyrosol. Journal of Agricultural and Food Chemistry, 2007, 55, 7609-7614.	5.2	140
31	Lipoic acid: A multifunctional antioxidant. BioFactors, 2003, 17, 207-213.	5.4	138
32	Dry-fractionation of wheat bran increases the bioaccessibility of phenolic acids in breads made from processed bran fractions. Food Research International, 2010, 43, 1429-1438.	6.2	138
33	Ten misconceptions about antioxidants. Trends in Pharmacological Sciences, 2013, 34, 430-436.	8.7	138
34	The potential of flavonoids in the treatment of non-alcoholic fatty liver disease. Critical Reviews in Food Science and Nutrition, 2017, 57, 834-855.	10.3	126
35	A Vegetable/Fruit Concentrate with High Antioxidant Capacity Has No Effect on Biomarkers of Antioxidant Status in Male Smokers. Journal of Nutrition, 2001, 131, 1714-1722.	2.9	122
36	Tetrahydrofolate and 5-methyltetrahydrofolate are folates with high antioxidant activity. Identification of the antioxidant pharmacophore. FEBS Letters, 2003, 555, 601-605.	2.8	122

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37	The toxicity of antioxidants and their metabolites. Environmental Toxicology and Pharmacology, 2002, 11, 251-258.	4.0	119
38	A critical appraisal of the use of the antioxidant capacity (TEAC) assay in defining optimal antioxidant structures. Food Chemistry, 2003, 80, 409-414.	8.2	119
39	Scavenging of hypochlorous acid by lipoic acid. Biochemical Pharmacology, 1991, 42, 2244-2246.	4.4	108
40	Ferulic Acid from Aleurone Determines the Antioxidant Potency of Wheat Grain (<i>Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	5.2	106
41	Stability of blood (pro)vitamins during four years of storage at â^'20 Â°C: Consequences for epidemiologic research. Journal of Clinical Epidemiology, 1995, 48, 1077-1085.	5.0	105
42	Pitfalls in a Method for Assessment of Total Antioxidant Capacity. Free Radical Research, 1997, 26, 515-521.	3.3	105
43	The predictive value of the antioxidant capacity of structurally related flavonoids using the Trolox equivalent antioxidant capacity (TEAC) assay. Food Chemistry, 2000, 70, 391-395.	8.2	102
44	Erythritol is a sweet antioxidant. Nutrition, 2010, 26, 449-458.	2.4	99
45	ATP-mediated Activation of the NADPH Oxidase DUOX1 Mediates Airway Epithelial Responses to Bacterial Stimuli. Journal of Biological Chemistry, 2009, 284, 17858-17867.	3.4	92
46	DNA damage in lung epithelial cells isolated from rats exposed to quartz: role of surface reactivity and neutrophilic inflammation. Carcinogenesis, 2002, 23, 1111-1120.	2.8	91
47	Protection by flavonoids against anthracycline cardiotoxicity: from chemistry to clinical trials. Cardiovascular Toxicology, 2007, 7, 154-159.	2.7	80
48	Tyrosine as important contributor to the antioxidant capacity of seminal plasma. Chemico-Biological Interactions, 2000, 127, 151-161.	4.0	75
49	Optimizing the bioactive potential of wheat bran by processing. Food and Function, 2012, 3, 362.	4.6	75
50	Synthesis of Novel 3,7-Substituted-2-(3â€˜,4â€˜-dihydroxyphenyl)flavones with Improved Antioxidant Activity. Journal of Medicinal Chemistry, 2000, 43, 3752-3760.	6.4	73
51	Cereal grains for nutrition and health benefits: Overview of results from inÂvitro, animal and human studies in the HEALTHGRAIN project. Trends in Food Science and Technology, 2012, 25, 87-100.	15.1	73
52	The flavanol (-)-epicatechin and its metabolites protect against oxidative stress in primary endothelial cells via a direct antioxidant effect. European Journal of Pharmacology, 2013, 715, 147-153.	3.5	72
53	Cimetidine and other H2 receptor antagonists as powerful hydroxyl radical scavengers. Chemico-Biological Interactions, 1993, 86, 119-127.	4.0	71
54	Impact of multiple genetic polymorphisms on effects of a 4-week blueberry juice intervention on ex vivo induced lymphocytic DNA damage in human volunteers. Carcinogenesis, 2007, 28, 1800-1806.	2.8	68

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55	Pleiotropic Benefit of Monomeric and Oligomeric Flavanols on Vascular Health - A Randomized Controlled Clinical Pilot Study. PLoS ONE, 2011, 6, e28460.	2.5	67
56	The olive oil antioxidant hydroxytyrosol efficiently protects against the oxidative stress-induced impairment of the NOâ€¢ response of isolated rat aorta. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1931-H1936.	3.2	65
57	Plant stanols dose-dependently decrease LDL-cholesterol concentrations, but not cholesterol-standardized fat-soluble antioxidant concentrations, at intakes up to 9 g/d. American Journal of Clinical Nutrition, 2010, 92, 24-33.	4.7	63
58	The anti-inflammatory effect of lycopene complements the antioxidant action of ascorbic acid and Î±-tocopherol. Food Chemistry, 2012, 132, 954-958.	8.2	63
59	Cigarette smoke extract induced exosome release is mediated by depletion of exofacial thiols and can be inhibited by thiol-antioxidants. Free Radical Biology and Medicine, 2017, 108, 334-344.	2.9	62
60	Activation of the microsomal glutathione-s-transferase and reduction of the glutathione dependent protection against lipid peroxidation by acrolein. Biochemical Pharmacology, 1988, 37, 1933-1938.	4.4	61
61	Systemic poly(ADP-ribose) polymerase-1 activation, chronic inflammation, and oxidative stress in COPD patients. Free Radical Biology and Medicine, 2003, 35, 140-148.	2.9	61
62	The reversibility of the glutathionyl-quercetin adduct spreads oxidized quercetin-induced toxicity. Biochemical and Biophysical Research Communications, 2005, 338, 923-929.	2.1	60
63	The shifting perception on antioxidants: The case of vitamin E and Î²-carotene. Redox Biology, 2015, 4, 272-278.	9.0	60
64	Effect of Vitamin E on Glutathione-Dependent Enzymes. Drug Metabolism Reviews, 2003, 35, 215-253.	3.6	59
65	4-Hydroxy-2,3-trans-nonenal stimulates microsomal lipid peroxidation by reducing the glutathione-dependent protection. Archives of Biochemistry and Biophysics, 1987, 259, 449-456.	3.0	58
66	Effect of thiols on lipid peroxidation in rat liver microsomes. Chemico-Biological Interactions, 1989, 71, 201-212.	4.0	58
67	Elevated citrate levels in nonâ€alcoholic fatty liver disease: The potential of citrate to promote radical production. FEBS Letters, 2013, 587, 2461-2466.	2.8	58
68	Time in Redox Adaptation Processes: From Evolution to Hormesis. International Journal of Molecular Sciences, 2016, 17, 1649.	4.1	58
69	Cytochrome P-450 and glutathione: what is the significance of their interrelationship in lipid peroxidation?. Trends in Biochemical Sciences, 1984, 9, 510-513.	7.5	57
70	Deconjugation Kinetics of Glucuronidated Phase II Flavonoid Metabolites by Î²-glucuronidase from Neutrophils. Drug Metabolism and Pharmacokinetics, 2010, 25, 379-387.	2.2	57
71	Altered antioxidant status in peripheral skeletal muscle of patients with COPD. Respiratory Medicine, 2005, 99, 118-125.	2.9	56
72	Reversal of Hypoxia in Murine Atherosclerosis Prevents Necrotic Core Expansion by Enhancing Efferocytosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2545-2553.	2.4	56

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73	Inhibition of lipid peroxidation mediated by indolizines. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 1829-1832.	2.2	55
74	Protectors against doxorubicin-induced cardiotoxicity: Flavonoids. Cell Biology and Toxicology, 2007, 23, 39-47.	5.3	55
75	A Planar Conformation and the Hydroxyl Groups in the B and C Rings Play a Pivotal Role in the Antioxidant Capacity of Quercetin and Quercetin Derivatives. Molecules, 2011, 16, 9636-9650.	3.8	54
76	Oxidative damage shifts from lipid peroxidation to thiol arylation by catechol-containing antioxidants. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1583, 279-284.	2.4	53
77	[50] Nitric oxide radical scavenging of flavonoids. Methods in Enzymology, 1999, 301, 490-503.	1.0	49
78	Antioxidant status associated with inflammation in sarcoidosis: A potential role for antioxidants. Respiratory Medicine, 2009, 103, 364-372.	2.9	49
79	Antioxidant and anti-inflammatory capacity of bioaccessible compounds from wheat fractions after gastrointestinal digestion. Journal of Cereal Science, 2010, 51, 110-114.	3.7	49
80	Dietary Flavanols Modulate the Transcription of Genes Associated with Cardiovascular Pathology without Changes in Their DNA Methylation State. PLoS ONE, 2014, 9, e95527.	2.5	49
81	Determination of the antioxidant capacity in blood. Clinical Chemistry and Laboratory Medicine, 2005, 43, 735-40.	2.3	48
82	Silver nanoparticles induce hormesis in A549 human epithelial cells. Toxicology in Vitro, 2017, 40, 223-233.	2.4	48
83	Oxidative stress and antioxidants in interstitial lung disease. Current Opinion in Pulmonary Medicine, 2010, 16, 516-520.	2.6	46
84	Intrauterine exposure to flavonoids modifies antioxidant status at adulthood and decreases oxidative stress-induced DNA damage. Free Radical Biology and Medicine, 2013, 57, 154-161.	2.9	46
85	The Use of Humanin VitroMetabolic Parameters to Explore the Risk Assessment of Hazardous Compounds: The Case of Ethylene Dibromide. Toxicology and Applied Pharmacology, 1997, 143, 56-69.	2.8	45
86	New synthetic flavonoids as potent protectors against doxorubicin-induced cardiotoxicity. Free Radical Biology and Medicine, 2001, 31, 31-37.	2.9	45
87	Reduction of lipoic acid by lipoamide dehydrogenase. Biochemical Pharmacology, 1996, 51, 233-238.	4.4	44
88	The extraordinary antioxidant activity of vitamin E phosphate. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1683, 16-21.	2.4	44
89	A Single Session of Resistance Exercise Induces Oxidative Damage in Untrained Men. Medicine and Science in Sports and Exercise, 2007, 39, 2145-2151.	0.4	44
90	Atheroprotective effect of dietary walnut intake in ApoE-deficient mice: Involvement of lipids and coagulation factors. Thrombosis Research, 2013, 131, 411-417.	1.7	44

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91	Sex differences in the cellular defence system against free radicals from oxygen or drug metabolites in rat. Archives of Toxicology, 1984, 56, 83-86.	4.2	43
92	Structure and activity in assessing antioxidant activity in vitro and in vivo. Environmental Toxicology and Pharmacology, 2006, 21, 191-198.	4.0	43
93	Incomplete protection of genetic integrity of mature spermatozoa against oxidative stress. Reproductive Toxicology, 2011, 32, 106-111.	2.9	41
94	Lignin-Based Additives for Improved Thermo-Oxidative Stability of Biolubricants. ACS Sustainable Chemistry and Engineering, 2021, 9, 12548-12559.	6.7	41
95	Tubular Epithelial Injury and Inflammation After Ischemia and Reperfusion in Human Kidney Transplantation. Annals of Surgery, 2011, 253, 598-604.	4.2	40
96	An Essential Difference between the Flavonoids MonoHER and Quercetin in Their Interplay with the Endogenous Antioxidant Network. PLoS ONE, 2010, 5, e13880.	2.5	39
97	The Effect of Modified Eggs and an Egg-Yolk Based Beverage on Serum Lutein and Zeaxanthin Concentrations and Macular Pigment Optical Density: Results from a Randomized Trial. PLoS ONE, 2014, 9, e92659.	2.5	39
98	Rutin protects against H 2 O 2 -triggered impaired relaxation of placental arterioles and induces Nrf2-mediated adaptation in Human Umbilical Vein Endothelial Cells exposed to oxidative stress. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1177-1189.	2.4	38
99	Chemical Reactivity Window Determines Prodrug Efficiency toward Glutathione Transferase Overexpressing Cancer Cells. Molecular Pharmaceutics, 2016, 13, 2010-2025.	4.6	37
100	Contribution of 4-hydroxy-2,3-trans-nonenal to the reduction of Î²-adrenoceptor function in the heart by oxidative stress. Life Sciences, 1989, 45, 71-76.	4.3	36
101	Oxidative stress reduces the muscarinic receptor function in the urinary bladder. Neurourology and Urodynamics, 2007, 26, 302-308.	1.5	36
102	Superoxide dismutase: the balance between prevention and induction of oxidative damage. Chemico-Biological Interactions, 2003, 145, 33-39.	4.0	35
103	New method to study oxidative damage and antioxidants in the human small bowel: effects of iron application. American Journal of Physiology - Renal Physiology, 2003, 285, G354-G359.	3.4	35
104	Role of Cytochrome P450 Polymorphisms in the Development of Pulmonary Drug Toxicity. Drug Safety, 2008, 31, 1125-1134.	3.2	35
105	Neutrophils augment LPS-mediated pro-inflammatory signaling in human lung epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1151-1162.	4.1	35
106	The effect of chronic adriamycin treatment on heart kidney and liver tissue of male and female rat. Archives of Toxicology, 1988, 61, 275-281.	4.2	34
107	Reduction of Î²-adrenoceptor function by oxidative stress in the heart. Free Radical Biology and Medicine, 1990, 9, 279-288.	2.9	34
108	Inhibition of various glutathione S-transferase isoenzymes by RRR-Î±-tocopherol. Toxicology in Vitro, 2003, 17, 245-251.	2.4	34

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109	Lipoic Acid Protects Efficiently Only against a Specific Form of Peroxynitrite-induced Damage. Journal of Biological Chemistry, 2004, 279, 9693-9697.	3.4	34
110	Astaxanthin Supplementation Does Not Augment Fat Use or Improve Endurance Performance. Medicine and Science in Sports and Exercise, 2013, 45, 1158-1165.	0.4	34
111	Glutathione revisited: a better scavenger than previously thought. Frontiers in Pharmacology, 2014, 5, 260.	3.5	31
112	The Role of Lipoic Acid in the Treatment of Diabetic Polyneuropathy. Drug Metabolism Reviews, 1997, 29, 1025-1054.	3.6	30
113	Lecithinized copper,zinc-superoxide dismutase as a protector against doxorubicin-induced cardiotoxicity in mice. Toxicology and Applied Pharmacology, 2004, 194, 180-188.	2.8	30
114	Synthesis of 5-Substituted Pyrrolo[1,2-b]pyridazines with Antioxidant Properties. Archiv Der Pharmazie, 2001, 334, 21-24.	4.1	29
115	Effect of bioprocessing of wheat bran in wholemeal wheat breads on the colonic SCFA production in vitro and postprandial plasma concentrations in men. Food Chemistry, 2011, 128, 404-409.	8.2	29
116	Thiazoloindans and Thiazolobenzopyrans:â€‰ A Novel Class of Orally Active Central Dopamine (Partial) Agonists. Journal of Medicinal Chemistry, 2000, 43, 3549-3557.	6.4	28
117	Nitric Oxide Radical Scavenging by Wines. Journal of Agricultural and Food Chemistry, 1996, 44, 3733-3734.	5.2	27
118	Adaptation to acrolein through upregulating the protection by glutathione in human bronchial epithelial cells: The materialization of the hormesis concept. Biochemical and Biophysical Research Communications, 2014, 446, 1029-1034.	2.1	27
119	The chemical reactivity of (-)-epicatechin quinone mainly resides in its B-ring. Free Radical Biology and Medicine, 2018, 124, 31-39.	2.9	27
120	The cocoa flavanol (â˜)-epicatechin protects the cortisol response. Pharmacological Research, 2014, 79, 28-33.	7.1	26
121	Inhibition of human glutathione S-transferase P1-1 by tocopherols and Î±-tocopherol derivatives. BBA - Proteins and Proteomics, 2001, 1548, 23-28.	2.1	25
122	An essential difference in the reactivity of the glutathione adducts of the structurally closely related flavonoids monoHER and quercetin. Free Radical Biology and Medicine, 2011, 51, 2118-2123.	2.9	25
123	Paracetamol as a Post Prandial Marker for Gastric Emptying, A Food-Drug Interaction on Absorption. PLoS ONE, 2015, 10, e0136618.	2.5	25
124	Activation of the microsomal glutathione S-transferase by metabolites of Î±-methyldopa. Archives of Biochemistry and Biophysics, 1991, 287, 48-52.	3.0	24
125	A method for measuring nitric oxide radical scavenging activity. Scavenging properties of sulfur-containing compounds. International Journal of Clinical Pharmacy, 1997, 19, 283-286.	1.4	24
126	Î±-Tocopherol Inhibits Human Glutathione S-Transferase Ï€. Biochemical and Biophysical Research Communications, 2001, 280, 631-633.	2.1	24

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127	Regulation of Lipid Peroxidation by Glutathione and Lipoic Acid: Involvement of Liver Microsomal Vitamin E Free Radical Reductase. Advances in Experimental Medicine and Biology, 1990, 264, 111-116.	1.6	24
128	Efficacy of HOCl Scavenging by Sulfur- Containing Compounds: Antioxidant Activity of Glutathione Disulfide?. Biological Chemistry, 2002, 383, 709-13.	2.5	23
129	Distinct radiation responses after in vitro mtDNA depletion are potentially related to oxidative stress. PLoS ONE, 2017, 12, e0182508.	2.5	23
130	Alpha-tocopheryl phosphate is a novel apoptotic agent. Frontiers in Bioscience - Landmark, 2007, 12, 2013.	3.0	23
131	Competition between Ascorbate and Glutathione for the Oxidized Form of Methylated Quercetin Metabolites and Analogues: Tamarixetin, 4â€²O-Methylquercetin, Has the Lowest Thiol Reactivity. Journal of Agricultural and Food Chemistry, 2012, 60, 9292-9297.	5.2	22
132	The effect of prolonged dietary nitrate supplementation on atherosclerosis development. Atherosclerosis, 2016, 245, 212-221.	0.8	21
133	The interaction of tea flavonoids with the NO-system: discrimination between good and bad NO. Food Chemistry, 2000, 70, 365-370.	8.2	20
134	Hypochlorous Acid Is a Potent Inhibitor of Acetylcholinesterase. Toxicology and Applied Pharmacology, 2002, 181, 228-232.	2.8	20
135	Analysis of oxidative DNA damage after human dietary supplementation with linoleic acid. Food and Chemical Toxicology, 2003, 41, 351-358.	3.6	20
136	Characterization of the glutathione conjugate of the semisynthetic flavonoid monoHER. Free Radical Biology and Medicine, 2009, 46, 1567-1573.	2.9	20
137	Protection against Chemotaxis in the Anti-Inflammatory Effect of Bioactives from Tomato Ketchup. PLoS ONE, 2014, 9, e114387.	2.5	20
138	The flavonoid 7-mono-O-(Î²-hydroxyethyl)-rutoside is able to protect endothelial cells by a direct antioxidant effect. Toxicology in Vitro, 2014, 28, 538-543.	2.4	20
139	Peroxynitrite Scavenging by Wines. Journal of Agricultural and Food Chemistry, 1997, 45, 3357-3358.	5.2	19
140	Variant VKORC1 and CYP2C9 Alleles in Patients with Diffuse Alveolar Hemorrhage Caused by Oral Anticoagulants. Molecular Diagnosis and Therapy, 2010, 14, 23-30.	3.8	19
141	The Screening of Anticholinergic Accumulation by Traditional Chinese Medicine. International Journal of Molecular Sciences, 2018, 19, 18.	4.1	19
142	Effect of Antioxidant Supplementation on Exercise-Induced Cardiac Troponin Release in Cyclists: A Randomized Trial. PLoS ONE, 2013, 8, e79280.	2.5	19
143	Differences in Cytochrome P450-Mediated Biotransformation of 1,2-Dichlorobenzene by Rat and Man:Â Implications for Human Risk Assessment. Chemical Research in Toxicology, 1996, 9, 1249-1256.	3.3	18
144	Nuclear factor-Î¤B activation is higher in peripheral blood mononuclear cells of male smokers. Environmental Toxicology and Pharmacology, 2001, 9, 147-151.	4.0	18

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145	Tocotrienols Inhibit Human Glutathione S-Transferase P1-1. IUBMB Life, 2002, 54, 81-84.	3.4	18
146	Partial bladder outlet obstruction reduces the tissue antioxidant capacity and muscle nerve density of the guinea pig bladder. Neurourology and Urodynamics, 2009, 28, 461-467.	1.5	18
147	Addition of a Water-Soluble Propofol Formulation to Preservation Solution in Experimental Kidney Transplantation. Transplantation, 2011, 92, 296-302.	1.0	18
148	Effects of emphysema and training on glutathione oxidation in the hamster diaphragm. Journal of Applied Physiology, 2000, 88, 2054-2061.	2.5	17
149	Oxidative Degradation of Lipids during Mashing. Journal of Agricultural and Food Chemistry, 2007, 55, 7010-7014.	5.2	17
150	The effects of vitamin E or lipoic acid supplementation on oxyphytosterols in subjects with elevated oxidative stress: a randomized trial. Scientific Reports, 2017, 7, 15288.	3.3	17
151	The semisynthetic flavonoid monoHER sensitises human soft tissue sarcoma cells to doxorubicin-induced apoptosis via inhibition of nuclear factor-Î¹B. British Journal of Cancer, 2011, 104, 437-440.	6.4	16
152	The antioxidant flavonoid monoHER provides efficient protection and induces the innate Nrf2 mediated adaptation in endothelial cells subjected to oxidative stress. PharmaNutrition, 2014, 2, 69-74.	1.7	16
153	The Minor Structural Difference between the Antioxidants Quercetin and 4'O-Methylquercetin Has a Major Impact on Their Selective Thiol Toxicity. International Journal of Molecular Sciences, 2014, 15, 7475-7484.	4.1	15
154	Hypochlorous acid is a potent inhibitor of GST P1-1. Chemico-Biological Interactions, 2001, 138, 77-83.	4.0	14
155	No role of DT-diaphorase (NQO1) in the protection against oxidized quercetin. FEBS Letters, 2005, 579, 677-682.	2.8	14
156	The Sulfamate Small Molecule CAIX Inhibitor S4 Modulates Doxorubicin Efficacy. PLoS ONE, 2016, 11, e0161040.	2.5	14
157	Enteral feeding enriched with carotenoids normalizes the carotenoid status and reduces oxidative stress in long-term enterally fed patients. Clinical Nutrition, 2006, 25, 897-905.	5.0	13
158	The anti-inflammatory efficacy of dexamethasone is protected by (â^)-epicatechin. PharmaNutrition, 2014, 2, 47-52.	1.7	13
159	No reduction of Î±-tocopherol quinone by glutathione in rat liver microsomes. Biochemical Pharmacology, 2001, 61, 715-719.	4.4	12
160	Lack of inhibition of endothelial nitric oxide synthase in the isolated rat aorta by doxorubicin. Toxicology in Vitro, 2003, 17, 165-167.	2.4	12
161	Evaluation of the accuracy of antioxidant competition assays: incorrect assumptions with major impact. Free Radical Biology and Medicine, 2009, 47, 135-144.	2.9	12
162	The supplementâ€“drug interaction of quercetin with tamsulosin on vasorelaxation. European Journal of Pharmacology, 2015, 746, 132-137.	3.5	12

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163	Food-Derived Bioactives Can Protect the Anti-Inflammatory Activity of Cortisol with Antioxidant-Dependent and -Independent Mechanisms. International Journal of Molecular Sciences, 2016, 17, 239.	4.1	12
164	Bioavailability and pharmacokinetics of the cardioprotecting flavonoid 7-monohydroxyethylrutoside in mice. Cancer Chemotherapy and Pharmacology, 2003, 52, 371-376.	2.3	11
165	Anticholinergic Accumulation: A Slumbering Interaction between Drugs and Food Supplements. Basic and Clinical Pharmacology and Toxicology, 2015, 117, 427-432.	2.5	11
166	The flavonoid monoHER promotes the adaption to oxidative stress during the onset of NAFLD. Biochemical and Biophysical Research Communications, 2015, 456, 179-182.	2.1	11
167	Early-Pregnancy Circulating Antioxidant Capacity and Hemodynamic Adaptation in Recurrent Placental Syndrome: An Exploratory Study. Gynecologic and Obstetric Investigation, 2019, 84, 616-622.	1.6	11
168	Delocalization of the Unpaired Electron in the Quercetin Radical: Comparison of Experimental ESR Data with DFT Calculations. International Journal of Molecular Sciences, 2020, 21, 2033.	4.1	11
169	Magnetic resonance imaging contrast-enhancement with superparamagnetic iron oxide nanoparticles amplifies macrophage foam cell apoptosis in human and murine atherosclerosis. Cardiovascular Research, 2023, 118, 3346-3359.	3.8	11
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