

# Guido R Haenen

## List of Publications by Year in Descending Order

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

194  
papers

12,630  
citations

56  
h-index

107  
g-index

201  
ext. papers

13,719  
ext. citations

5.1  
avg, IF

6.15  
L-index

#	Paper	IF	Citations
194	Lignin-Based Additives for Improved Thermo-Oxidative Stability of Biolubricants. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 12548-12559	8.3	8
193	Delocalization of the Unpaired Electron in the Quercetin Radical: Comparison of Experimental ESR Data with DFT Calculations. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
192	The Flow of the Redox Energy in Quercetin during Its Antioxidant Activity in Water. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
191	Connecting Western and Eastern Medicine from an Energy Perspective. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	2
190	Early-Pregnancy Circulating Antioxidant Capacity and Hemodynamic Adaptation in Recurrent Placental Syndrome: An Exploratory Study. <i>Gynecologic and Obstetric Investigation</i> , <b>2019</b> , 84, 616-622	2.5	6
189	The cardiovascular side effects of Ma Huang due to its use in isolation in the Western world. <i>European Journal of Integrative Medicine</i> , <b>2018</b> , 18, 18-22	1.7	5
188	The chemical reactivity of (-)-epicatechin quinone mainly resides in its B-ring. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 124, 31-39	7.8	14
187	The potential of flavonoids in the treatment of non-alcoholic fatty liver disease. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2017</b> , 57, 834-855	11.5	93
186	Silver nanoparticles induce hormesis in A549 human epithelial cells. <i>Toxicology in Vitro</i> , <b>2017</b> , 40, 223-233	3.6	33
185	Cigarette smoke extract induced exosome release is mediated by depletion of exofacial thiols and can be inhibited by thiol-antioxidants. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 108, 334-344	7.8	48
184	Rutin protects against HO-triggered impaired relaxation of placental arterioles and induces Nrf2-mediated adaptation in Human Umbilical Vein Endothelial Cells exposed to oxidative stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 1177-1189	4	23
183	Distinct radiation responses after in vitro mtDNA depletion are potentially related to oxidative stress. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182508	3.7	11
182	The Screening of Anticholinergic Accumulation by Traditional Chinese Medicine. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 19,	6.3	11
181	Activation versus inhibition of microsomal glutathione S-transferase activity by acrolein. Dependence on the concentration and time of acrolein exposure. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 275, 116-120	5	1
180	The effects of vitamin E or lipoic acid supplementation on oxyphytosterols in subjects with elevated oxidative stress: a randomized trial. <i>Scientific Reports</i> , <b>2017</b> , 7, 15288	4.9	16
179	The effect of prolonged dietary nitrate supplementation on atherosclerosis development. <i>Atherosclerosis</i> , <b>2016</b> , 245, 212-21	3.1	18
178	The Sulfamate Small Molecule CAIX Inhibitor S4 Modulates Doxorubicin Efficacy. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161040	3.7	8

177	Time in Redox Adaptation Processes: From Evolution to Hormesis. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	43
176	Is intestinal oxidative stress involved in patients with compensated liver cirrhosis?. <i>Annals of Hepatology</i> , <b>2016</b> , 15, 402-9	3.1	4
175	Food-Derived Bioactives Can Protect the Anti-Inflammatory Activity of Cortisol with Antioxidant-Dependent and -Independent Mechanisms. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 239	6.3	8
174	Iron Supplements and Magnesium Peroxide: An Example of a Hazardous Combination in Self-Medication. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2016</b> , 119, 412-7	3.1	1
173	Chemical Reactivity Window Determines Prodrug Efficiency toward Glutathione Transferase Overexpressing Cancer Cells. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 2010-25	5.6	16
172	Does Ataxia Telangiectasia Mutated (ATM) protect testicular and germ cell DNA integrity by regulating the redox status?. <i>Reproductive Toxicology</i> , <b>2016</b> , 63, 169-73	3.4	0
171	The contribution of the major metabolite 4FO-methylmonoHER to the antioxidant activity of the flavonoid monoHER. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 239, 146-52	5	4
170	The flavonoid monoHER promotes the adaption to oxidative stress during the onset of NAFLD. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 456, 179-82	3.4	7
169	The supplement-drug interaction of quercetin with tamsulosin on vasorelaxation. <i>European Journal of Pharmacology</i> , <b>2015</b> , 746, 132-7	5.3	10
168	Anticholinergic Accumulation: A Slumbering Interaction between Drugs and Food Supplements. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2015</b> , 117, 427-32	3.1	7
167	Once-daily dose regimen of ribavirin is interchangeable with a twice-daily dose regimen: randomized open clinical trial. <i>Pharmacogenomics and Personalized Medicine</i> , <b>2015</b> , 8, 137-44	2.1	1
166	The shifting perception on antioxidants: the case of vitamin E and $\beta$ -carotene. <i>Redox Biology</i> , <b>2015</b> , 4, 272-8	11.3	41
165	Paracetamol as a Post Prandial Marker for Gastric Emptying, A Food-Drug Interaction on Absorption. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136618	3.7	16
164	The flavonoid 7-mono-O-( $\beta$ -hydroxyethyl)-rutoside is able to protect endothelial cells by a direct antioxidant effect. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 538-43	3.6	15
163	Adaptation to acrolein through upregulating the protection by glutathione in human bronchial epithelial cells: the materialization of the hormesis concept. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 446, 1029-34	3.4	22
162	The cocoa flavanol (-)-epicatechin protects the cortisol response. <i>Pharmacological Research</i> , <b>2014</b> , 79, 28-33	10.2	21
161	The antioxidant flavonoid monoHER provides efficient protection and induces the innate Nrf2 mediated adaptation in endothelial cells subjected to oxidative stress. <i>PharmaNutrition</i> , <b>2014</b> , 2, 69-74	2.9	12
160	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. <i>PLoS ONE</i> , <b>2014</b> , 9, e92659	3.7	32

159	Protection against chemotaxis in the anti-inflammatory effect of bioactives from tomato ketchup. <i>PLoS ONE</i> , <b>2014</b> , 9, e114387	3.7	16
158	Reversal of hypoxia in murine atherosclerosis prevents necrotic core expansion by enhancing efferocytosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2545-53	9.4	46
157	The minor structural difference between the antioxidants quercetin and 4-O-methylquercetin has a major impact on their selective thiol toxicity. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 7475-84	6.3	11
156	Glutathione revisited: a better scavenger than previously thought. <i>Frontiers in Pharmacology</i> , <b>2014</b> , 5, 260	5.6	22
155	The anti-inflammatory efficacy of dexamethasone is protected by (-)-epicatechin. <i>PharmaNutrition</i> , <b>2014</b> , 2, 47-52	2.9	13
154	Dietary flavanols modulate the transcription of genes associated with cardiovascular pathology without changes in their DNA methylation state. <i>PLoS ONE</i> , <b>2014</b> , 9, e95527	3.7	41
153	The flavanol (-)-epicatechin and its metabolites protect against oxidative stress in primary endothelial cells via a direct antioxidant effect. <i>European Journal of Pharmacology</i> , <b>2013</b> , 715, 147-53	5.3	58
152	Ten misconceptions about antioxidants. <i>Trends in Pharmacological Sciences</i> , <b>2013</b> , 34, 430-6	13.2	116
151	Intrauterine exposure to flavonoids modifies antioxidant status at adulthood and decreases oxidative stress-induced DNA damage. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 57, 154-61	7.8	40
150	Atheroprotective effect of dietary walnut intake in ApoE-deficient mice: involvement of lipids and coagulation factors. <i>Thrombosis Research</i> , <b>2013</b> , 131, 411-7	8.2	38
149	Elevated citrate levels in non-alcoholic fatty liver disease: the potential of citrate to promote radical production. <i>FEBS Letters</i> , <b>2013</b> , 587, 2461-6	3.8	35
148	Astaxanthin supplementation does not augment fat use or improve endurance performance. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 1158-65	1.2	23
147	Effect of antioxidant supplementation on exercise-induced cardiac troponin release in cyclists: a randomized trial. <i>PLoS ONE</i> , <b>2013</b> , 8, e79280	3.7	13
146	Neutrophils augment LPS-mediated pro-inflammatory signaling in human lung epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2012</b> , 1823, 1151-62	4.9	30
145	Cereal grains for nutrition and health benefits: Overview of results from in vitro, animal and human studies in the HEALTHGRAIN project. <i>Trends in Food Science and Technology</i> , <b>2012</b> , 25, 87-100	15.3	58
144	Competition between ascorbate and glutathione for the oxidized form of methylated quercetin metabolites and analogues: tamarixetin, 4-O-methylquercetin, has the lowest thiol reactivity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 9292-7	5.7	17
143	The role of antioxidants in ischaemia-reperfusion in a human DIEP flap model. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2012</b> , 65, 1706-11	1.7	5
142	Optimizing the bioactive potential of wheat bran by processing. <i>Food and Function</i> , <b>2012</b> , 3, 362-75	6.1	57

141	The anti-inflammatory effect of lycopene complements the antioxidant action of ascorbic acid and Tocopherol. <i>Food Chemistry</i> , <b>2012</b> , 132, 954-958	8.5	53
140	Differences in pharmacological activities of the antioxidant flavonoid monoHER in humans and mice are caused by variations in its metabolic profile. <i>FASEB Journal</i> , <b>2012</b> , 26, 646.3	0.9	
139	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. <i>Molecules</i> , <b>2011</b> , 16, 9636-50	4.8	46
138	Pleiotropic benefit of monomeric and oligomeric flavanols on vascular health--a randomized controlled clinical pilot study. <i>PLoS ONE</i> , <b>2011</b> , 6, e28460	3.7	59
137	Tubular epithelial injury and inflammation after ischemia and reperfusion in human kidney transplantation. <i>Annals of Surgery</i> , <b>2011</b> , 253, 598-604	7.8	31
136	Addition of a water-soluble propofol formulation to preservation solution in experimental kidney transplantation. <i>Transplantation</i> , <b>2011</b> , 92, 296-302	1.8	13
135	Differences in pharmacological activities of the antioxidant flavonoid monoHER in humans and mice are caused by variations in its metabolic profile. <i>Clinical Pharmacology and Therapeutics</i> , <b>2011</b> , 90, 852-9	6.1	7
134	The semisynthetic flavonoid monoHER sensitises human soft tissue sarcoma cells to doxorubicin-induced apoptosis via inhibition of nuclear factor-B. <i>British Journal of Cancer</i> , <b>2011</b> , 104, 437-40	8.7	11
133	Incomplete protection of genetic integrity of mature spermatozoa against oxidative stress. <i>Reproductive Toxicology</i> , <b>2011</b> , 32, 106-11	3.4	35
132	Quercetin reduces markers of oxidative stress and inflammation in sarcoidosis. <i>Clinical Nutrition</i> , <b>2011</b> , 30, 506-12	5.9	149
131	An essential difference in the reactivity of the glutathione adducts of the structurally closely related flavonoids monoHER and quercetin. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 2118-23	7.8	15
130	Effect of bioprocessing of wheat bran in wholemeal wheat breads on the colonic SCFA production in vitro and postprandial plasma concentrations in men. <i>Food Chemistry</i> , <b>2011</b> , 128, 404-9	8.5	26
129	Identification of the metabolites of the antioxidant flavonoid 7-mono-O-(Ehydroxyethyl)-rutoside in mice. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 750-6	4	7
128	Bioprocessing of wheat bran in whole wheat bread increases the bioavailability of phenolic acids in men and exerts antiinflammatory effects ex vivo. <i>Journal of Nutrition</i> , <b>2011</b> , 141, 137-43	4.1	150
127	An essential difference between the flavonoids monoHER and quercetin in their interplay with the endogenous antioxidant network. <i>PLoS ONE</i> , <b>2010</b> , 5, e13880	3.7	33
126	Oxidative stress and antioxidants in interstitial lung disease. <i>Current Opinion in Pulmonary Medicine</i> , <b>2010</b> , 16, 516-20	3	36
125	Plant stanols dose-dependently decrease LDL-cholesterol concentrations, but not cholesterol-standardized fat-soluble antioxidant concentrations, at intakes up to 9 g/d. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 24-33	7	59
124	Genotoxic effects of neutrophils and hypochlorous acid. <i>Mutagenesis</i> , <b>2010</b> , 25, 149-54	2.8	166

123	Dry-fractionation of wheat bran increases the bioaccessibility of phenolic acids in breads made from processed bran fractions. <i>Food Research International</i> , <b>2010</b> , 43, 1429-1438	7	114
122	Prevention of a systematic underestimation of antioxidant activity in competition assays. The impact of unspecific reactions of the reactive species. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 392, 346-50	3.4	
121	Variant VKORC1 and CYP2C9 alleles in patients with diffuse alveolar hemorrhage caused by oral anticoagulants. <i>Molecular Diagnosis and Therapy</i> , <b>2010</b> , 14, 23-30	4.5	13
120	Deconjugation kinetics of glucuronidated phase II flavonoid metabolites by beta-glucuronidase from neutrophils. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2010</b> , 25, 379-87	2.2	44
119	Hyperglycaemia-induced impairment of endothelium-dependent vasorelaxation in rat mesenteric arteries is mediated by intracellular methylglyoxal levels in a pathway dependent on oxidative stress. <i>Diabetologia</i> , <b>2010</b> , 53, 989-1000	10.3	137
118	Antioxidant and anti-inflammatory capacity of bioaccessible compounds from wheat fractions after gastrointestinal digestion. <i>Journal of Cereal Science</i> , <b>2010</b> , 51, 110-114	3.8	46
117	Erythritol is a sweet antioxidant. <i>Nutrition</i> , <b>2010</b> , 26, 449-58	4.8	73
116	Bioavailability of ferulic acid is determined by its bioaccessibility. <i>Journal of Cereal Science</i> , <b>2009</b> , 49, 296-300	3.8	158
115	Characterization of the glutathione conjugate of the semisynthetic flavonoid monoHER. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 1567-73	7.8	16
114	Evaluation of the accuracy of antioxidant competition assays: incorrect assumptions with major impact. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 47, 135-44	7.8	12
113	Partial bladder outlet obstruction reduces the tissue antioxidant capacity and muscle nerve density of the guinea pig bladder. <i>Neurourology and Urodynamics</i> , <b>2009</b> , 28, 461-7	2.3	17
112	Antioxidant status associated with inflammation in sarcoidosis: a potential role for antioxidants. <i>Respiratory Medicine</i> , <b>2009</b> , 103, 364-72	4.6	44
111	Bioprocessing of wheat bran improves in vitro bioaccessibility and colonic metabolism of phenolic compounds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 6148-55	5.7	187
110	ATP-mediated activation of the NADPH oxidase DUOX1 mediates airway epithelial responses to bacterial stimuli. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 17858-67	5.4	85
109	Health effects of quercetin: from antioxidant to nutraceutical. <i>European Journal of Pharmacology</i> , <b>2008</b> , 585, 325-37	5.3	1156
108	In vitro and ex vivo anti-inflammatory activity of quercetin in healthy volunteers. <i>Nutrition</i> , <b>2008</b> , 24, 703-10	4.8	168
107	Role of cytochrome P450 polymorphisms in the development of pulmonary drug toxicity: a case-control study in the Netherlands. <i>Drug Safety</i> , <b>2008</b> , 31, 1125-34	5.1	24
106	Ferulic acid from aleurone determines the antioxidant potency of wheat grain ( <i>Triticum aestivum</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 5589-94	5.7	92

105	Lipid peroxidation product 4-hydroxynonenal contributes to bladder smooth muscle damage. <i>Urology</i> , <b>2008</b> , 71, 974-8	1.6	6
104	New insights into controversies on the antioxidant potential of the olive oil antioxidant hydroxytyrosol. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 7609-14	5.7	118
103	Oxidative degradation of lipids during mashing. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 7010-4	5.7	14
102	Oxidative stress reduces the muscarinic receptor function in the urinary bladder. <i>Neurourology and Urodynamics</i> , <b>2007</b> , 26, 302-8	2.3	29
101	The quercetin paradox. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 222, 89-96	4.6	157
100	Protectors against doxorubicin-induced cardiotoxicity: flavonoids. <i>Cell Biology and Toxicology</i> , <b>2007</b> , 23, 39-47	7.4	50
99	Protection by flavonoids against anthracycline cardiotoxicity: from chemistry to clinical trials. <i>Cardiovascular Toxicology</i> , <b>2007</b> , 7, 154-9	3.4	65
98	Impact of multiple genetic polymorphisms on effects of a 4-week blueberry juice intervention on ex vivo induced lymphocytic DNA damage in human volunteers. <i>Carcinogenesis</i> , <b>2007</b> , 28, 1800-6	4.6	61
97	The olive oil antioxidant hydroxytyrosol efficiently protects against the oxidative stress-induced impairment of the NObullet response of isolated rat aorta. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H1931-6	5.2	55
96	A single session of resistance exercise induces oxidative damage in untrained men. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 2145-51	1.2	37
95	Effects of lipoic acid and dihydrolipoic acid on total erythrocytic thiols under conditions of restricted glucose in vitro. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2007</b> , 100, 139-44	3.1	3
94	Alpha-tocopheryl phosphate is a novel apoptotic agent. <i>Frontiers in Bioscience - Landmark</i> , <b>2007</b> , 12, 2013-9		18
93	Enteral feeding enriched with carotenoids normalizes the carotenoid status and reduces oxidative stress in long-term enterally fed patients. <i>Clinical Nutrition</i> , <b>2006</b> , 25, 897-905	5.9	11
92	Structure and activity in assessing antioxidant activity in vitro and in vivo A critical appraisal illustrated with the flavonoids. <i>Environmental Toxicology and Pharmacology</i> , <b>2006</b> , 21, 191-8	5.8	29
91	Gene expression in human small intestinal mucosa in vivo is mediated by iron-induced oxidative stress. <i>Physiological Genomics</i> , <b>2006</b> , 25, 242-9	3.6	10
90	Effects of lipoic acid and dihydrolipoic acid on 4-aminophenol-mediated erythrocytic toxicity in vitro. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2006</b> , 99, 225-9	3.1	5
89	The reversibility of the glutathionyl-quercetin adduct spreads oxidized quercetin-induced toxicity. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 338, 923-9	3.4	50
88	No role of DT-diaphorase (NQO1) in the protection against oxidized quercetin. <i>FEBS Letters</i> , <b>2005</b> , 579, 677-82	3.8	12



87	Altered antioxidant status in peripheral skeletal muscle of patients with COPD. <i>Respiratory Medicine</i> , <b>2005</b> , 99, 118-25	4.6	48
86	Determination of the antioxidant capacity in blood. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2005</b> , 43, 735-40	5.9	39
85	Contributions <b>2004</b> , 37-278		
84	Lipoic acid protects efficiently only against a specific form of peroxynitrite-induced damage. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 9693-7	5.4	29
83	Lecithinized copper,zinc-superoxide dismutase as a protector against doxorubicin-induced cardiotoxicity in mice. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 194, 180-8	4.6	29
82	A new approach to assess the total antioxidant capacity using the TEAC assay. <i>Food Chemistry</i> , <b>2004</b> , 88, 567-570	8.5	166
81	The thiol reactivity of the oxidation product of 3,5,7-trihydroxy-4H-chromen-4-one containing flavonoids. <i>Toxicology Letters</i> , <b>2004</b> , 151, 105-11	4.4	4
80	Antioxidant capacity of reaction products limits the applicability of the Trolox Equivalent Antioxidant Capacity (TEAC) assay. <i>Food and Chemical Toxicology</i> , <b>2004</b> , 42, 45-9	4.7	191
79	The extraordinary antioxidant activity of vitamin E phosphate. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2004</b> , 1683, 16-21	5	36
78	New method to study oxidative damage and antioxidants in the human small bowel: effects of iron application. <i>American Journal of Physiology - Renal Physiology</i> , <b>2003</b> , 285, G354-9	5.1	30
77	Effect of vitamin E on glutathione-dependent enzymes. <i>Drug Metabolism Reviews</i> , <b>2003</b> , 35, 215-53	7	45
76	Lipoic acid: a multifunctional antioxidant. <i>BioFactors</i> , <b>2003</b> , 17, 207-13	6.1	111
75	Bioavailability and pharmacokinetics of the cardioprotecting flavonoid 7-monohydroxyethylrutoside in mice. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2003</b> , 52, 371-6	3.5	9
74	Systemic poly(ADP-ribose) polymerase-1 activation, chronic inflammation, and oxidative stress in COPD patients. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 35, 140-8	7.8	49
73	Superoxide dismutase: the balance between prevention and induction of oxidative damage. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 145, 33-9	5	32
72	A critical appraisal of the use of the antioxidant capacity (TEAC) assay in defining optimal antioxidant structures. <i>Food Chemistry</i> , <b>2003</b> , 80, 409-414	8.5	101
71	Tetrahydrofolate and 5-methyltetrahydrofolate are folates with high antioxidant activity. Identification of the antioxidant pharmacophore. <i>FEBS Letters</i> , <b>2003</b> , 555, 601-5	3.8	102
70	Oxidized quercetin reacts with thiols rather than with ascorbate: implication for quercetin supplementation. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 308, 560-5	3.4	131



69	Analysis of oxidative DNA damage after human dietary supplementation with linoleic acid. <i>Food and Chemical Toxicology</i> , <b>2003</b> , 41, 351-8	4.7	19
68	Lack of inhibition of endothelial nitric oxide synthase in the isolated rat aorta by doxorubicin. <i>Toxicology in Vitro</i> , <b>2003</b> , 17, 165-7	3.6	9
67	Inhibition of various glutathione S-transferase isoenzymes by RRR-alpha-tocopherol. <i>Toxicology in Vitro</i> , <b>2003</b> , 17, 245-51	3.6	26
66	Hypochlorous acid is a potent inhibitor of acetylcholinesterase. <i>Toxicology and Applied Pharmacology</i> , <b>2002</b> , 181, 228-32	4.6	17
65	Tocotrienols inhibit human glutathione S-transferase P1-1. <i>IUBMB Life</i> , <b>2002</b> , 54, 81-4	4.7	17
64	Efficacy of HOCl scavenging by sulfur-containing compounds: antioxidant activity of glutathione disulfide?. <i>Biological Chemistry</i> , <b>2002</b> , 383, 709-13	4.5	23
63	The effect of the trolox equivalent antioxidant capacity (TEAC) in plasma on the formation of 4-aminobiphenylhaemoglobin adducts in smokers. <i>Biomarkers</i> , <b>2002</b> , 7, 291-8	2.6	6
62	DNA damage in lung epithelial cells isolated from rats exposed to quartz: role of surface reactivity and neutrophilic inflammation. <i>Carcinogenesis</i> , <b>2002</b> , 23, 1111-20	4.6	80
61	Interactions between flavonoids and proteins: effect on the total antioxidant capacity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 1184-7	5.7	348
60	Protection of flavonoids against lipid peroxidation: the structure activity relationship revisited. <i>Free Radical Research</i> , <b>2002</b> , 36, 575-81	4	153
59	Bioavailability and metabolism. <i>Molecular Aspects of Medicine</i> , <b>2002</b> , 23, 39-100	16.7	205
58	Biomarkers. <i>Molecular Aspects of Medicine</i> , <b>2002</b> , 23, 101-208	16.7	233
57	The antioxidant activity of phloretin: the disclosure of a new antioxidant pharmacophore in flavonoids. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 295, 9-13	3.4	205
56	The toxicity of antioxidants and their metabolites. <i>Environmental Toxicology and Pharmacology</i> , <b>2002</b> , 11, 251-8	5.8	97
55	Oxidative damage shifts from lipid peroxidation to thiol arylation by catechol-containing antioxidants. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2002</b> , 1583, 279-84	5	43
54	A vegetable/fruit concentrate with high antioxidant capacity has no effect on biomarkers of antioxidant status in male smokers. <i>Journal of Nutrition</i> , <b>2001</b> , 131, 1714-22	4.1	99
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