

Helmut Sies

List of Publications by Year in descending order

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Version: 2024-02-01

602
papers

69,501
citations

506

128
h-index

906

241
g-index

629
all docs

629
docs citations

629
times ranked

49717
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow-mediated dilation reference values for evaluation of endothelial function and cardiovascular health. <i>Cardiovascular Research</i> , 2023, 119, 283-293.	1.8	21
2	Homeostatic control of redox status and health. <i>IUBMB Life</i> , 2022, 74, 24-28.	1.5	14
3	Defining roles of specific reactive oxygen species (ROS) in cell biology and physiology. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 499-515.	16.1	469
4	Oxidative eustress and oxidative distress. <i>Free Radical Biology and Medicine</i> , 2021, 165, 1.	1.3	8
5	COVID-19 mortality as a fingerprint of biological age. <i>Ageing Research Reviews</i> , 2021, 67, 101308.	5.0	50
6	Oxidative eustress: On constant alert for redox homeostasis. <i>Redox Biology</i> , 2021, 41, 101867.	3.9	149
7	Oxidative eustress and oxidative distress: Introductory remarks. , 2020, , 3-12.		19
8	Nutritional protection against photooxidative stress in human skin and eye. , 2020, , 389-402.		2
9	Oxidative Stress: Concept and Some Practical Aspects. <i>Antioxidants</i> , 2020, 9, 852.	2.2	203
10	Findings in redox biology: From H ₂ O ₂ to oxidative stress. <i>Journal of Biological Chemistry</i> , 2020, 295, 13458-13473.	1.6	41
11	Reactive oxygen species (ROS) as pleiotropic physiological signalling agents. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 363-383.	16.1	2,341
12	Potential therapeutic use of ebselen for COVID-19 and other respiratory viral infections. <i>Free Radical Biology and Medicine</i> , 2020, 156, 107-112.	1.3	133
13	Selectively Addressing Mitochondrial Glutathione and Thioredoxin Redox Systems. <i>Cell Chemical Biology</i> , 2019, 26, 316-318.	2.5	7
14	Selenium-binding protein 1 (SELENBP1) is a marker of mature adipocytes. <i>Redox Biology</i> , 2019, 20, 489-495.	3.9	33
15	On the history of oxidative stress: Concept and some aspects of current development. <i>Current Opinion in Toxicology</i> , 2018, 7, 122-126.	2.6	182
16	Hydrogen peroxide as a central redox signaling molecule in physiological oxidative stress: Oxidative eustress. <i>Redox Biology</i> , 2017, 11, 613-619.	3.9	1,378
17	Physiological evolution: Genomic redox footprints. <i>Nature Plants</i> , 2017, 3, 17071.	4.7	15
18	Oxidative Stress. <i>Annual Review of Biochemistry</i> , 2017, 86, 715-748.	5.0	2,180

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19	Disturbed Redox Homeostasis in Oxidative Distress. <i>Circulation Research</i> , 2017, 121, 103-105.	2.0	46
20	Radiation Hormesis: The Link to Nanomolar Hydrogen Peroxide. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 596-598.	2.5	28
21	The Concept of Oxidative Stress After 30 Years. , 2016, , 3-11.		6
22	Interplay between the chalcone cardamomin and selenium in the biosynthesis of Nrf2-regulated antioxidant enzymes in intestinal Caco-2 cells. <i>Free Radical Biology and Medicine</i> , 2016, 91, 164-171.	1.3	47
23	German-Japanese relationships in biochemistry: a personal perspective. <i>Nagoya Journal of Medical Science</i> , 2016, 78, 335-347.	0.6	2
24	Oxidative stress: a concept in redox biology and medicine. <i>Redox Biology</i> , 2015, 4, 180-183.	3.9	1,747
25	Dietary Selenium in Adjuvant Therapy of Viral and Bacterial Infections. <i>Advances in Nutrition</i> , 2015, 6, 73-82.	2.9	225
26	The Redox Code. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 734-746.	2.5	474
27	Towards identifying novel anti-Eimeria agents: trace elements, vitamins, and plant-based natural products. <i>Parasitology Research</i> , 2014, 113, 3547-3556.	0.6	78
28	Upregulation of the thioredoxin-dependent redox system during differentiation of 3T3-L1 cells to adipocytes. <i>Biological Chemistry</i> , 2014, 395, 667-677.	1.2	12
29	The use of total antioxidant capacity as surrogate marker for food quality and its effect on health is to be discouraged. <i>Nutrition</i> , 2014, 30, 791-793.	1.1	64
30	Role of Metabolic H ₂ O ₂ Generation. <i>Journal of Biological Chemistry</i> , 2014, 289, 8735-8741.	1.6	590
31	Dietary selenium affects intestinal development of Eimeria papillata in mice. <i>Parasitology Research</i> , 2014, 113, 267-274.	0.6	15
32	Special issue "polyphenols and health". <i>Archives of Biochemistry and Biophysics</i> , 2014, 559, 1-2.	1.4	4
33	Intestinal selenoprotein P in epithelial cells and in plasma cells. <i>Archives of Biochemistry and Biophysics</i> , 2014, 541, 30-36.	1.4	14
34	Excited singlet molecular O ₂ (¹ O ₂) is generated enzymatically from excited carbonyls in the dark. <i>Scientific Reports</i> , 2014, 4, 5938.	1.6	52
35	The early research and development of ebselen. <i>Biochemical Pharmacology</i> , 2013, 86, 1248-1253.	2.0	190
36	Toward Understanding Success and Failures in the Use of Selenium for Cancer Prevention. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 181-191.	2.5	64

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37	Selenium homeostasis and antioxidant selenoproteins in brain: Implications for disorders in the central nervous system. Archives of Biochemistry and Biophysics, 2013, 536, 152-157.	1.4	171
38	Hepatic encephalopathy: Clinical aspects and pathogenetic concept. Archives of Biochemistry and Biophysics, 2013, 536, 97-100.	1.4	44
39	Cranberries and Their Bioactive Constituents in Human Health. Advances in Nutrition, 2013, 4, 618-632.	2.9	233
40	Localization and regulation of pancreatic selenoprotein P. Journal of Molecular Endocrinology, 2013, 50, 31-42.	1.1	34
41	Oxidative Stress: Impact in Neuroscience Research. Oxidative Stress in Applied Basic Research and Clinical Practice, 2013, , 3-7.	0.4	2
42	An Encapsulated Fruit and Vegetable Juice Concentrate Increases Skin Microcirculation in Healthy Women. Skin Pharmacology and Physiology, 2012, 25, 2-8.	1.1	27
43	Highlight: GBM Meeting â€™Molecular Life Sciences 2011â€™™. Biological Chemistry, 2012, 393, 203-203.	1.2	0
44	Protection by Flavanol-Rich Foods Against Vascular Dysfunction and Oxidative Damage: 27th Hohenheim Consensus Conference. Advances in Nutrition, 2012, 3, 217-221.	2.9	18
45	Î²-Carotene and other carotenoids in protection from sunlight. American Journal of Clinical Nutrition, 2012, 96, 1179S-1184S.	2.2	203
46	Supranutritional selenium induces alterations in molecular targets related to energy metabolism in skeletal muscle and visceral adipose tissue of pigs. Journal of Inorganic Biochemistry, 2012, 114, 47-54.	1.5	78
47	Photoprotection by dietary carotenoids: Concept, mechanisms, evidence and future development. Molecular Nutrition and Food Research, 2012, 56, 287-295.	1.5	106
48	Adjunctive daily supplementation with encapsulated fruit, vegetable and berry juice powder concentrates and clinical periodontal outcomes: a double-blind RCT. Journal of Clinical Periodontology, 2012, 39, 62-72.	2.3	86
49	Induction of Glutathione Peroxidase 4 Expression during Enterocytic Cell Differentiation. Journal of Biological Chemistry, 2011, 286, 10764-10772.	1.6	53
50	The Biological Relevance of Direct Antioxidant Effects of Polyphenols for Cardiovascular Health in Humans Is Not Established. Journal of Nutrition, 2011, 141, 989S-1009S.	1.3	328
51	Tribute to Professor Minor J. Coon. Archives of Biochemistry and Biophysics, 2011, 507, 3.	1.4	0
52	Plasma levels of vitamin e and carotenoids are decreased in patients with nonalcoholic steatohepatitis (nash). European Journal of Medical Research, 2011, 16, 76.	0.9	116
53	Eimeria papillata: Upregulation of specific miRNA-species in the mouse jejunum. Experimental Parasitology, 2011, 127, 581-586.	0.5	26
54	Differential miRNA expression in the mouse jejunum during garlic treatment of Eimeria papillata infections. Parasitology Research, 2011, 109, 387-394.	0.6	40

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55	Direct evidence that (âˆ²)-epicatechin increases nitric oxide levels in human endothelial cells. <i>European Journal of Nutrition</i> , 2011, 50, 595-599.	1.8	24
56	Delaying of insulin signal transduction in skeletal muscle cells by selenium compounds. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 812-820.	1.5	41
57	Anticoccidial and antiinflammatory activity of garlic in murine <i>Eimeria papillata</i> infections. <i>Veterinary Parasitology</i> , 2011, 175, 66-72.	0.7	80
58	Use of Isolated Liver Perfusion in Metabolic Studies: Ground-laying Work in Experimental Hepatology. <i>Zeitschrift Fur Gastroenterologie</i> , 2011, 49, 737-739.	0.2	0
59	Heat shock but not cold shock leads to disturbed intracellular zinc homeostasis. <i>Journal of Cellular Physiology</i> , 2010, 223, 103-109.	2.0	8
60	High selenium intake and increased diabetes risk: experimental evidence for interplay between selenium and carbohydrate metabolism. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 48, 40-45.	0.6	158
61	Screening pharmaceutical preparations containing extracts of turmeric rhizome, artichoke leaf, devil's claw root and garlic or salmon oil for antioxidant capacity. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 981-986.	1.2	55
62	Proinflammatory cytokines down-regulate intestinal selenoprotein P biosynthesis via NOS2 induction. <i>Free Radical Biology and Medicine</i> , 2010, 49, 777-785.	1.3	48
63	Oxidative LDL modification is increased in vascular dementia and is inversely associated with cognitive performance. <i>Free Radical Research</i> , 2010, 44, 241-248.	1.5	21
64	Polyphenols and health: Update and perspectives. <i>Archives of Biochemistry and Biophysics</i> , 2010, 501, 2-5.	1.4	190
65	Epigallocatechin gallate-induced modulation of FoxO signaling in mammalian cells and <i>C. elegans</i> : FoxO stimulation is masked via PI3K/Akt activation by hydrogen peroxide formed in cell culture. <i>Archives of Biochemistry and Biophysics</i> , 2010, 501, 58-64.	1.4	85
66	Intervention with flaxseed and borage oil supplements modulates skin condition in women. <i>British Journal of Nutrition</i> , 2009, 101, 440-445.	1.2	52
67	Highlight: â€˜Regenerative Hepatologyâ€™™. <i>Biological Chemistry</i> , 2009, 390, 949-950.	1.2	0
68	Highlight: Molecular and Cellular Mechanisms of Memory. <i>Biological Chemistry</i> , 2009, 390, 1085-1085.	1.2	0
69	HuR regulates gap junctional intercellular communication by controlling β -catenin levels and adherens junction integrity. <i>Hepatology</i> , 2009, 50, 1567-1576.	3.6	41
70	Astaxanthin, canthaxanthin and β -carotene differently affect UVA-induced oxidative damage and expression of oxidative stress-responsive enzymes. <i>Experimental Dermatology</i> , 2009, 18, 222-231.	1.4	148
71	Protection against reactive oxygen species by selenoproteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1478-1485.	1.1	397
72	Attenuation of hepatic expression and secretion of selenoprotein P by metformin. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 158-163.	1.0	38

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73	Plasma micronutrient status is improved after a 3-month dietary intervention with 5 daily portions of fruits and vegetables: implications for optimal antioxidant levels. <i>Nutrition Journal</i> , 2009, 8, 10.	1.5	46
74	High Fruit and Vegetable Intake is Positively Correlated with Antioxidant Status and Cognitive Performance in Healthy Subjects. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 921-927.	1.2	122
75	Epicatechin and Its Role in Protection of LDL and of Vascular Endothelium. , 2009, , 803-813.		3
76	Selenoprotein P expression is controlled through interaction of the coactivator PGC-1 β with FoxO1 α and hepatocyte nuclear factor 4 β transcription factors. <i>Hepatology</i> , 2008, 48, 1998-2006.	3.6	111
77	Ultraviolet A induced modulation of gap junctional intercellular communication by P38 MAPK activation in human keratinocytes. <i>Experimental Dermatology</i> , 2008, 17, 115-124.	1.4	24
78	Ultraviolet-A irradiation but not ultraviolet-B or infrared-A irradiation leads to a disturbed zinc homeostasis in cells. <i>Free Radical Biology and Medicine</i> , 2008, 45, 86-91.	1.3	15
79	Mono-O-methylated flavanols and other flavonoids as inhibitors of endothelial NADPH oxidase. <i>Archives of Biochemistry and Biophysics</i> , 2008, 469, 209-219.	1.4	321
80	Cocoa flavanols lower vascular arginase activity in human endothelial cells in vitro and in erythrocytes in vivo. <i>Archives of Biochemistry and Biophysics</i> , 2008, 476, 211-215.	1.4	113
81	How do dietary flavanols improve vascular function? A position paper. <i>Archives of Biochemistry and Biophysics</i> , 2008, 476, 102-106.	1.4	221
82	Kinetic evidence for rapid oxidation of (â€“)â€“-epicatechin by human myeloperoxidase. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 810-813.	1.0	23
83	Editorial Year-end Note. <i>Free Radical Research</i> , 2008, 42, 911-912.	1.5	0
84	Stromal resistance of fibroblasts against oxidative damage: involvement of tumor cell-secreted platelet-derived growth factor (PDGF) and phosphoinositide 3-kinase (PI3K) activation. <i>Carcinogenesis</i> , 2008, 29, 404-410.	1.3	14
85	To our authors, readers and subscribers â€“Just Acceptedâ€™ feature at http://www.atypon-link.com/WDC/loi/bchm . <i>Biological Chemistry</i> , 2007, 388, 873-873.	1.2	0
86	Post-translational processing of selenoprotein P: implications of glycosylation for its utilisation by target cells. <i>Biological Chemistry</i> , 2007, 388, 1043-1051.	1.2	20
87	Total Antioxidant Capacity: Appraisal of a Concept. <i>Journal of Nutrition</i> , 2007, 137, 1493-1495.	1.3	235
88	Elevated Lipid Peroxidation Biomarkers and Low Antioxidant Status in Atherosclerotic Patients with Increased Carotid or Iliofemoral Intima Media Thickness. <i>Journal of Investigative Medicine</i> , 2007, 55, 163-167.	0.7	38
89	Sustained Increase in Flow-Mediated Dilation After Daily Intake of High-Flavanol Cocoa Drink Over 1 Week. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 49, 74-80.	0.8	184
90	Highlight issue: Enzymology of drug metabolism and toxicology. <i>Archives of Biochemistry and Biophysics</i> , 2007, 464, 153-154.	1.4	0

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91	(â€“)â€“)-Epicatechin elevates nitric oxide in endothelial cells via inhibition of NADPH oxidase. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 828-833.	1.0	144
92	Epidermal growth factor- and stress-induced loss of gap junctional communication is mediated by ERK-1/ERK-2 but not ERK-5 in rat liver epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 313-317.	1.0	14
93	Decomposition of S-Nitrosocysteine via S- to N-Transnitrosation. <i>Chemical Research in Toxicology</i> , 2007, 20, 721-723.	1.7	23
94	Nitric oxide-mediated inhibition of androgen receptor activity: possible implications for prostate cancer progression. <i>Oncogene</i> , 2007, 26, 1875-1884.	2.6	55
95	Protein modification elicited by oxidized low-density lipoprotein (LDL) in endothelial cells: Protection by (â€“)â€“)-epicatechin. <i>Free Radical Biology and Medicine</i> , 2007, 42, 955-970.	1.3	64
96	Divergent Optimum Levels of Lycopene, Î²-Carotene and Lutein Protecting Against UVB Irradiation in Human Fibroblasts. <i>Photochemistry and Photobiology</i> , 2007, 75, 503-506.	1.3	2
97	How I Became a Biochemist. <i>IUBMB Life</i> , 2007, 59, 469-473.	1.5	3
98	Limited availability of l-arginine increases DNA-binding activity of NF-Î²B and contributes to regulation of iNOS expression. <i>Journal of Molecular Medicine</i> , 2007, 85, 723-732.	1.7	13
99	Biological Redox Systems and Oxidative Stress. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2181-2188.	2.4	44
100	Consumption of flavanol-rich cocoa acutely increases microcirculation in human skin. <i>European Journal of Nutrition</i> , 2007, 46, 53-56.	1.8	94
101	Carotenoids and Flavonoids Contribute to Nutritional Protection against Skin Damage from Sunlight. <i>Molecular Biotechnology</i> , 2007, 37, 26-30.	1.3	144
102	Lycopene-rich products and dietary photoprotection. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 238-242.	1.6	156
103	Selenoprotein P protects endothelial cells from oxidative damage by stimulation of glutathione peroxidase expression and activity. <i>Free Radical Research</i> , 2006, 40, 936-943.	1.5	113
104	Myeloperoxidase-mediated LDL oxidation and endothelial cell toxicity of oxidized LDL: attenuation by (â€“)â€“)-epicatechin. <i>Free Radical Research</i> , 2006, 40, 1076-1085.	1.5	30
105	Modulation of FoxO signaling in human hepatoma cells by exposure to copper or zinc ions. <i>Archives of Biochemistry and Biophysics</i> , 2006, 454, 107-113.	1.4	60
106	Activation of ErbB2 by 2-methyl-1,4-naphthoquinone (menadione) in human keratinocytes: Role of EGFR and protein tyrosine phosphatases. <i>FEBS Letters</i> , 2006, 580, 1859-1864.	1.3	32
107	Nitrite, a naturally occurring precursor of nitric oxide that acts like a â€“prodrugâ€“. <i>Biological Chemistry</i> , 2006, 387, 499-506.	1.2	57
108	Long-Term Ingestion of High Flavanol Cocoa Provides Photoprotection against UV-Induced Erythema and Improves Skin Condition in Women. <i>Journal of Nutrition</i> , 2006, 136, 1565-1569.	1.3	148

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109	Endothelial Function, Nitric Oxide, and Cocoa Flavanols. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 47, S128-S135.	0.8	56
110	Rac upregulates tissue inhibitor of metalloproteinase-1 expression by redox-dependent activation of extracellular signal-regulated kinase signaling. <i>FEBS Journal</i> , 2006, 273, 4754-4769.	2.2	14
111	Solar-simulated radiation induces secretion of IL-6 and production of isoprostanes in human skin in vivo. <i>Archives of Dermatological Research</i> , 2006, 297, 477-479.	1.1	17
112	Involvement of selenoprotein P in protection of human astrocytes from oxidative damage. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1513-1523.	1.3	147
113	Cytotoxicity of myeloperoxidase/nitrite-oxidized low-density lipoprotein toward endothelial cells is due to a high 7 β -hydroxycholesterol to 7-ketocholesterol ratio. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1139-1150.	1.3	28
114	Extracellular generation of hydrogen peroxide is responsible for activation of EGF receptor by ultraviolet A radiation. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1478-1487.	1.3	25
115	Enhancement of tumor invasion depends on transdifferentiation of skin fibroblasts mediated by reactive oxygen species. <i>Journal of Cell Science</i> , 2006, 119, 2727-2738.	1.2	106
116	Highlight: Redox signaling – mechanisms and biological impact. <i>Biological Chemistry</i> , 2006, 387, .	1.2	0
117	Singlet oxygen inactivates protein tyrosine phosphatase-1B by oxidation of the active site cysteine. <i>Biological Chemistry</i> , 2006, 387, 1399-404.	1.2	37
118	(-)-Epicatechin mediates beneficial effects of flavanol-rich cocoa on vascular function in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1024-1029.	3.3	924
119	Vitamins and Polyphenols in Systemic Photoprotection. , 2006, , 113-121.		4
120	Cocoa-Related Flavonoids Inhibit CFTR-Mediated Chloride Transport across T84 Human Colon Epithelia. <i>Journal of Nutrition</i> , 2005, 135, 2320-2325.	1.3	86
121	Nutritional, Dietary and Postprandial Oxidative Stress. <i>Journal of Nutrition</i> , 2005, 135, 969-972.	1.3	464
122	Vitamins E and C are safe across a broad range of intakes ^{1,2} . <i>American Journal of Clinical Nutrition</i> , 2005, 81, 736-745.	2.2	264
123	Dietary habits are major determinants of the plasma antioxidant status in healthy elderly subjects. <i>British Journal of Nutrition</i> , 2005, 94, 639-642.	1.2	67
124	Myeloperoxidase-induced lipid peroxidation of LDL in the presence of nitrite. Protection by cocoa flavanols. <i>BioFactors</i> , 2005, 24, 49-58.	2.6	32
125	Effects of vitamin C and aspirin in ischemic stroke-related lipid peroxidation: Results of the AVASAS (Aspirin Versus Ascorbic acid plus Aspirin in Stroke) Study. <i>BioFactors</i> , 2005, 24, 265-274.	2.6	23
126	Arginase-1 overexpression induces cationic amino acid transporter-1 in psoriasis. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1073-1079.	1.3	14

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127	Oxene Donors Yield Low-Level Chemiluminescence with Microsomes and Isolated Cytochrome P-450. <i>FEBS Journal</i> , 2005, 130, 117-121.	0.2	44
128	On the opinion of the European Commission ?Scientific Committee on Food? regarding the tolerable upper intake level of vitamin E (2003). <i>European Journal of Nutrition</i> , 2005, 44, 60-62.	1.8	14
129	Supplementation with Tomato-Based Products Increases Lycopene, Phytofluene, and Phytoene Levels in Human Serum and Protects Against UV-light-induced Erythema. <i>International Journal for Vitamin and Nutrition Research</i> , 2005, 75, 54-60.	0.6	176
130	Cocoa polyphenols and inflammatory mediators. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 304S-312S.	2.2	195
131	Astaxanthin Diminishes Gap Junctional Intercellular Communication in Primary Human Fibroblasts. <i>Journal of Nutrition</i> , 2005, 135, 2507-2511.	1.3	31
132	Doxorubicin induces EGF receptor-dependent downregulation of gap junctional intercellular communication in rat liver epithelial cells. <i>Biological Chemistry</i> , 2005, 386, 217-223.	1.2	25
133	Tumor promoter TPA stimulates MMP-9 secretion from human keratinocytes by activation of superoxide-producing NADPH oxidase. <i>Free Radical Research</i> , 2005, 39, 245-253.	1.5	32
134	Selenium, oxidative stress, and health aspects. <i>Molecular Aspects of Medicine</i> , 2005, 26, 256-267.	2.7	237
135	Bioactivity and protective effects of natural carotenoids. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1740, 101-107.	1.8	663
136	Loss of the tyrosyl radical in mouse ribonucleotide reductase by ($\hat{\alpha}$)-epicatechin. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 614-617.	1.0	4
137	Quinone-induced Cdc25A inhibition causes ERK-dependent connexin phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 1016-1023.	1.0	22
138	Epicatechin protects endothelial cells against oxidized LDL and maintains NO synthase. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1277-1283.	1.0	54
139	Combining benzo[d]isoseleazol-3-ones with sterically hindered alicyclic amines and nitroxides: enhanced activity as glutathione peroxidase mimics. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3564.	1.5	22
140	Acute Consumption of Flavanol-Rich Cocoa and the Reversal of Endothelial Dysfunction in Smokers. <i>Journal of the American College of Cardiology</i> , 2005, 46, 1276-1283.	1.2	317
141	New Horizons in Carotenoid Research. , 2005, , .		2
142	Gap Junctional Intercellular Communication. , 2005, , .		0
143	Signaling Effects of Menadione: From Tyrosine Phosphatase Inactivation to Connexin Phosphorylation. <i>Methods in Enzymology</i> , 2004, 378, 258-272.	0.4	28
144	Induction of MMP-10 and MMP-1 in a squamous cell carcinoma cell line by ultraviolet radiation. <i>Biological Chemistry</i> , 2004, 385, 75-86.	1.2	34

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145	Plasma Antioxidant Status, Immunoglobulin G Oxidation and Lipid Peroxidation in Demented Patients: Relevance to Alzheimer Disease and Vascular Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2004, 18, 265-270.	0.7	110
146	Oxidative modification of low-density lipoprotein: lipid peroxidation by myeloperoxidase in the presence of nitrite. <i>Biological Chemistry</i> , 2004, 385, 809-18.	1.2	24
147	Flavanol-rich cocoa drink lowers plasma F ₂ -isoprostane concentrations in humans. <i>Free Radical Biology and Medicine</i> , 2004, 37, 411-421.	1.3	142
148	Future Directions in Preclinical Vitamin E Research: Panel Discussion A. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 305-312.	1.8	3
149	Ozone in Arteriosclerotic Plaques: Searching for the "Smoking Gun". <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3514-3515.	7.2	23
150	Sulfur and Selenium: The Role of Oxidation State in Protein Structure and Function. <i>ChemInform</i> , 2004, 35, no.	0.1	0
151	Ozone in Arteriosclerotic Plaques: Searching for the "Smoking Gun". <i>ChemInform</i> , 2004, 35, no.	0.1	0
152	Selenoprotein P Protects Low-density Lipoprotein Against Oxidation. <i>Free Radical Research</i> , 2004, 38, 123-128.	1.5	92
153	Contribution of UVB and UVA to UV-dependent stimulation of cyclooxygenase-2 expression in artificial epidermis. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 257-262.	1.6	53
154	NUTRITIONAL PROTECTION AGAINST SKIN DAMAGE FROM SUNLIGHT. <i>Annual Review of Nutrition</i> , 2004, 24, 173-200.	4.3	268
155	Paracrine effect of TGF- β 1 on downregulation of gap junctional intercellular communication between human dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 321-326.	1.0	19
156	Thioredoxin secreted upon ultraviolet A irradiation modulates activities of matrix metalloproteinase-2 and tissue inhibitor of metalloproteinase-2 in human dermal fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , 2004, 423, 218-226.	1.4	48
157	Carotenoids and UV Protection. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 749.	1.6	97
158	Carotenoids in Systemic Protection Against Sunburn. <i>Oxidative Stress and Disease</i> , 2004, , 491-502.	0.3	4
159	Inhibition of 15-lipoxygenases by flavonoids: structure-activity relations and mode of action. <i>Biochemical Pharmacology</i> , 2003, 65, 773-781.	2.0	281
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