

# Aalt Bast

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4973062/publications.pdf>

Version: 2024-02-01

449  
papers

25,330  
citations

8749

75  
h-index

9854

141  
g-index

453  
all docs

453  
docs citations

453  
times ranked

26940  
citing authors

#	ARTICLE	IF	CITATIONS
1	Health effects of quercetin: From antioxidant to nutraceutical. <i>European Journal of Pharmacology</i> , 2008, 585, 325-337.	1.7	1,487
2	Structural aspects of antioxidant activity of flavonoids. <i>Free Radical Biology and Medicine</i> , 1996, 20, 331-342.	1.3	1,040
3	Oxidative Stress in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997, 156, 341-357.	2.5	731
4	The pharmacology of the antioxidant lipoic acid. <i>General Pharmacology</i> , 1997, 29, 315-331.	0.7	686
5	Applicability of an improved Trolox equivalent antioxidant capacity (TEAC) assay for evaluation of antioxidant capacity measurements of mixtures. <i>Food Chemistry</i> , 1999, 66, 511-517.	4.2	642
6	Increased exhalation of hydrogen peroxide in patients with stable and unstable chronic obstructive pulmonary disease.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996, 154, 813-816.	2.5	450
7	Oxidants and antioxidants: State of the art. <i>American Journal of Medicine</i> , 1991, 91, S2-S13.	0.6	448
8	Interactions between Flavonoids and Proteins:Â Effect on the Total Antioxidant Capacity. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1184-1187.	2.4	384
9	A Quantum Chemical Explanation of the Antioxidant Activity of Flavonoids. <i>Chemical Research in Toxicology</i> , 1996, 9, 1305-1312.	1.7	378
10	Flavonoids as Scavengers of Nitric Oxide Radical. <i>Biochemical and Biophysical Research Communications</i> , 1995, 214, 755-759.	1.0	321
11	Butyrate modulates oxidative stress in the colonic mucosa of healthy humans. <i>Clinical Nutrition</i> , 2009, 28, 88-93.	2.3	305
12	Flavonoids as peroxynitrite scavengers: the role of the hydroxyl groups. <i>Toxicology in Vitro</i> , 2001, 15, 3-6.	1.1	296
13	Peroxynitrite Scavenging by Flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 591-593.	1.0	290
14	The role of oxidative stress in non-alcoholic steatohepatitis. <i>Clinica Chimica Acta</i> , 2011, 412, 1297-1305.	0.5	268
15	Biomarkers. <i>Molecular Aspects of Medicine</i> , 2002, 23, 101-208.	2.7	250
16	Influence of iron chelation on the antioxidant activity of flavonoids. <i>Biochemical Pharmacology</i> , 1998, 56, 935-943.	2.0	246
17	The antioxidant activity of phloretin: the disclosure of a new antioxidant pharmacophore in flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 9-13.	1.0	240
18	Bioavailability and metabolism. <i>Molecular Aspects of Medicine</i> , 2002, 23, 39-100.	2.7	237

#	ARTICLE	IF	CITATIONS
19	Molecular pharmacology of vitamin E: Structural aspects of antioxidant activity. <i>Free Radical Biology and Medicine</i> , 1993, 15, 311-328.	1.3	231
20	Antioxidant capacity of reaction products limits the applicability of the Trolox Equivalent Antioxidant Capacity (TEAC) assay. <i>Food and Chemical Toxicology</i> , 2004, 42, 45-49.	1.8	226
21	Bioprocessing of Wheat Bran Improves in vitro Bioaccessibility and Colonic Metabolism of Phenolic Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6148-6155.	2.4	220
22	Flavonoids can replace $\hat{\pm}$ -tocopherol as an antioxidant. <i>FEBS Letters</i> , 2000, 473, 145-148.	1.3	213
23	In vitro and ex vivo anti-inflammatory activity of quercetin in healthy volunteers. <i>Nutrition</i> , 2008, 24, 703-710.	1.1	205
24	A new approach to assess the total antioxidant capacity using the TEAC assay. <i>Food Chemistry</i> , 2004, 88, 567-570.	4.2	202
25	Bioavailability of ferulic acid is determined by its bioaccessibility. <i>Journal of Cereal Science</i> , 2009, 49, 296-300.	1.8	198
26	Masking of antioxidant capacity by the interaction of flavonoids with protein. <i>Food and Chemical Toxicology</i> , 2001, 39, 787-791.	1.8	193
27	Quercetin reduces markers of oxidative stress and inflammation in sarcoidosis. <i>Clinical Nutrition</i> , 2011, 30, 506-512.	2.3	191
28	Interplay between lipoic acid and glutathione in the protection against microsomal lipid peroxidation. <i>Lipids and Lipid Metabolism</i> , 1988, 963, 558-561.	2.6	188
29	The quercetin paradox. <i>Toxicology and Applied Pharmacology</i> , 2007, 222, 89-96.	1.3	188
30	Protection of Flavonoids Against Lipid Peroxidation: The Structure Activity Relationship Revisited. <i>Free Radical Research</i> , 2002, 36, 575-581.	1.5	187
31	Oxygen radicals in lung pathology. <i>Free Radical Biology and Medicine</i> , 1990, 9, 381-400.	1.3	181
32	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> , 2011, 141, 137-143.	1.3	173
33	Use of telemetry to record electrocardiogram and heart rate in freely moving mice. <i>Journal of Pharmacological and Toxicological Methods</i> , 1993, 30, 209-215.	0.3	166
34	Rehabilitation Decreases Exercise-induced Oxidative Stress in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 994-1001.	2.5	161
35	Protection against lipid peroxidation by a microsomal glutathione-dependent labile factor. <i>FEBS Letters</i> , 1983, 159, 24-28.	1.3	160
36	Protection against Nitric Oxide Toxicity by Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 5768-5772.	2.4	157

#	ARTICLE	IF	CITATIONS
37	Oxidized quercetin reacts with thiols rather than with ascorbate: implication for quercetin supplementation. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 560-565.	1.0	154
38	Peroxynitrite scavenging of flavonoids: structure activity relationship. <i>Environmental Toxicology and Pharmacology</i> , 2001, 10, 199-206.	2.0	147
39	Effect of butyrate enemas on inflammation and antioxidant status in the colonic mucosa of patients with ulcerative colitis in remission. <i>Clinical Nutrition</i> , 2010, 29, 738-744.	2.3	147
40	Multinational evidence-based World Association of Sarcoidosis and Other Granulomatous Disorders recommendations for the use of methotrexate in sarcoidosis. <i>Current Opinion in Pulmonary Medicine</i> , 2013, 19, 545-561.	1.2	145
41	The widely used anesthetic agent propofol can replace Î±-tocopherol as an antioxidant. <i>FEBS Letters</i> , 1995, 357, 83-85.	1.3	143
42	Dietary Flavones and Flavonoles Are Inhibitors of Poly(ADP-ribose)polymerase-1 in Pulmonary Epithelial Cells ,. <i>Journal of Nutrition</i> , 2007, 137, 2190-2195.	1.3	140
43	New Insights into Controversies on the Antioxidant Potential of the Olive Oil Antioxidant Hydroxytyrosol. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7609-7614.	2.4	140
44	Effect of oxidative stress on receptors and signal transmission. <i>Chemico-Biological Interactions</i> , 1992, 85, 95-116.	1.7	138
45	Lipoic acid: A multifunctional antioxidant. <i>BioFactors</i> , 2003, 17, 207-213.	2.6	138
46	Ten misconceptions about antioxidants. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 430-436.	4.0	138
47	Oxidative Stress and Vascular Function: Implications for Pharmacologic Treatments. <i>Current Hypertension Reports</i> , 2010, 12, 154-161.	1.5	137
48	Formation of S-Nitrosothiols via Direct Nucleophilic Nitrosation of Thiols by Peroxynitrite with Elimination of Hydrogen Peroxide. <i>Journal of Biological Chemistry</i> , 1998, 273, 30255-30262.	1.6	131
49	Antibiotics exposure and health risks: Chloramphenicol. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 213-220.	2.0	128
50	The potential of flavonoids in the treatment of non-alcoholic fatty liver disease. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 834-855.	5.4	126
51	Exhaled nitric oxide and biomarkers in exhaled breath condensate indicate the presence, severity and control of childhood asthma. <i>Clinical and Experimental Allergy</i> , 2007, 37, 1303-1311.	1.4	124
52	A Vegetable/Fruit Concentrate with High Antioxidant Capacity Has No Effect on Biomarkers of Antioxidant Status in Male Smokers. <i>Journal of Nutrition</i> , 2001, 131, 1714-1722.	1.3	122
53	Tetrahydrofolate and 5-methyltetrahydrofolate are folates with high antioxidant activity. Identification of the antioxidant pharmacophore. <i>FEBS Letters</i> , 2003, 555, 601-605.	1.3	122
54	The toxicity of antioxidants and their metabolites. <i>Environmental Toxicology and Pharmacology</i> , 2002, 11, 251-258.	2.0	119

#	ARTICLE	IF	CITATIONS
55	A critical appraisal of the use of the antioxidant capacity (TEAC) assay in defining optimal antioxidant structures. <i>Food Chemistry</i> , 2003, 80, 409-414.	4.2	119
56	Telomere shortening in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2009, 103, 230-236.	1.3	112
57	Effects of plant sterol and stanol ester consumption on lipid metabolism, antioxidant status and markers of oxidative stress, endothelial function and low-grade inflammation in patients on current statin treatment. <i>European Journal of Clinical Nutrition</i> , 2008, 62, 263-273.	1.3	110
58	Scavenging of hypochlorous acid by lipoic acid. <i>Biochemical Pharmacology</i> , 1991, 42, 2244-2246.	2.0	108
59	Ferulic Acid from Aleurone Determines the Antioxidant Potency of Wheat Grain (<i>Triticum) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.4	106
60	Pitfalls in a Method for Assessment of Total Antioxidant Capacity. <i>Free Radical Research</i> , 1997, 26, 515-521.	1.5	105
61	Synthesis of 1-Substituted 7-Cyano-2,3-diphenylindolizines and Evaluation of Antioxidant Properties. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 3763-3770.	1.2	104
62	Role of reactive oxygen species in intestinal diseases. <i>Free Radical Biology and Medicine</i> , 1992, 12, 499-513.	1.3	103
63	The predictive value of the antioxidant capacity of structurally related flavonoids using the Trolox equivalent antioxidant capacity (TEAC) assay. <i>Food Chemistry</i> , 2000, 70, 391-395.	4.2	102
64	Decreased defence against free radicals in rat heart during normal reperfusion after hypoxic, ischemic and calcium-free perfusion. <i>Life Sciences</i> , 1984, 35, 1281-1288.	2.0	100
65	Monitoring of oxidative free radical damage in vivo: Analytical aspects. <i>Chemico-Biological Interactions</i> , 1992, 82, 243-293.	1.7	100
66	Erythritol is a sweet antioxidant. <i>Nutrition</i> , 2010, 26, 449-458.	1.1	99
67	Flavonoids as protectors against doxorubicin cardiotoxicity: Role of iron chelation, antioxidant activity and inhibition of carbonyl reductase. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007, 1772, 1065-1074.	1.8	97
68	Cultured rat striatal and cortical astrocytes protect mesencephalic dopaminergic neurons against hydrogen peroxide toxicity independent of their effect on neuronal development. <i>Neuroscience Letters</i> , 1995, 192, 13-16.	1.0	94
69	A Method for Screening Hypochlorous Acid Scavengers by Inhibition of the Oxidation of 5-Thio-2-Nitrobenzoic Acid: Application Anti-asthmatic Drugs. <i>Analytical Biochemistry</i> , 1994, 218, 377-381.	1.1	92
70	ATP-mediated Activation of the NADPH Oxidase DUOX1 Mediates Airway Epithelial Responses to Bacterial Stimuli. <i>Journal of Biological Chemistry</i> , 2009, 284, 17858-17867.	1.6	92
71	Caffeine metabolites are inhibitors of the nuclear enzyme poly(ADP-ribose)polymerase-1 at physiological concentrations. <i>Biochemical Pharmacology</i> , 2006, 72, 902-910.	2.0	90
72	Review: ischaemiaâ€“reperfusion injury in flap surgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009, 62, 721-726.	0.5	89

#	ARTICLE	IF	CITATIONS
73	The vitamin B6 paradox: Supplementation with high concentrations of pyridoxine leads to decreased vitamin B6 function. <i>Toxicology in Vitro</i> , 2017, 44, 206-212.	1.1	85
74	Inhibition of LPS-induced pulmonary inflammation by specific flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 598-603.	1.0	81
75	Protection by flavonoids against anthracycline cardiotoxicity: from chemistry to clinical trials. <i>Cardiovascular Toxicology</i> , 2007, 7, 154-159.	1.1	80
76	Doxorubicin-induced cardiotoxicity monitored by ECG in freely moving mice. <i>Cancer Chemotherapy and Pharmacology</i> , 1996, 38, 95-101.	1.1	79
77	The Cholesterol Derivative 27-Hydroxycholesterol Reduces Steatohepatitis in Mice. <i>Gastroenterology</i> , 2013, 144, 167-178.e1.	0.6	77
78	Tyrosine as important contributor to the antioxidant capacity of seminal plasma. <i>Chemico-Biological Interactions</i> , 2000, 127, 151-161.	1.7	75
79	Optimizing the bioactive potential of wheat bran by processing. <i>Food and Function</i> , 2012, 3, 362.	2.1	75
80	Synthesis of Novel 3,7-Substituted-2-(3,4-dihydroxyphenyl)flavones with Improved Antioxidant Activity. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 3752-3760.	2.9	73
81	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> , 2013, 715, 147-153.	1.7	72
82	Plasticisers and bronchial hyperreactivity. <i>Lancet, The</i> , 1990, 335, 725.	6.3	71
83	Cimetidine and other H2 receptor antagonists as powerful hydroxyl radical scavengers. <i>Chemico-Biological Interactions</i> , 1993, 86, 119-127.	1.7	71
84	Is formation of reactive oxygen by cytochrome P-450 perilous and predictable?. <i>Trends in Pharmacological Sciences</i> , 1986, 7, 266-270.	4.0	69
85	Pleiotropic Benefit of Monomeric and Oligomeric Flavanols on Vascular Health - A Randomized Controlled Clinical Pilot Study. <i>PLoS ONE</i> , 2011, 6, e28460.	1.1	67
86	Effects of histamine H <sub>1</sub> , H <sub>2</sub> and H <sub>3</sub> receptor selective drugs on the mechanical activity of guinea pig small and large intestine. <i>British Journal of Pharmacology</i> , 1991, 102, 179-185.	2.7	65
87	Simultaneous determination of adenosine triphosphate and its metabolites in human whole blood by RP-HPLC and UV-detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 864, 43-51.	1.2	64
88	Short-term desensitization of the histamine H <sub>1</sub> receptor in human HeLa cells: involvement of protein kinase C dependent and independent pathways. <i>British Journal of Pharmacology</i> , 1992, 107, 448-455.	2.7	63
89	The anti-inflammatory effect of lycopene complements the antioxidant action of ascorbic acid and $\alpha$ -tocopherol. <i>Food Chemistry</i> , 2012, 132, 954-958.	4.2	63
90	Apoptotic, inflammatory, and fibrogenic effects of two different types of multi-walled carbon nanotubes in mouse lung. <i>Archives of Toxicology</i> , 2014, 88, 1725-1737.	1.9	62

#	ARTICLE	IF	CITATIONS
91	Activation of the microsomal glutathione-s-transferase and reduction of the glutathione dependent protection against lipid peroxidation by acrolein. <i>Biochemical Pharmacology</i> , 1988, 37, 1933-1938.	2.0	61
92	Systemic poly(ADP-ribose) polymerase-1 activation, chronic inflammation, and oxidative stress in COPD patients. <i>Free Radical Biology and Medicine</i> , 2003, 35, 140-148.	1.3	61
93	The disturbed redox-balance in pulmonary fibrosis is modulated by the plant flavonoid quercetin. <i>Toxicology and Applied Pharmacology</i> , 2017, 336, 40-48.	1.3	61
94	Characterization of the binding of the first selective radiolabeled histamine H <sub>3</sub> receptor antagonist, [ <sup>125</sup> I]iodophenpropit, to rat brain. <i>British Journal of Pharmacology</i> , 1994, 113, 355-362.	2.7	60
95	The reversibility of the glutathionyl-quercetin adduct spreads oxidized quercetin-induced toxicity. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 923-929.	1.0	60
96	The shifting perception on antioxidants: The case of vitamin E and $\beta$ -carotene. <i>Redox Biology</i> , 2015, 4, 272-278.	3.9	60
97	Botanical health products, positioning and requirements for effective and safe use. <i>Environmental Toxicology and Pharmacology</i> , 2002, 12, 195-211.	2.0	59
98	Effect of Vitamin E on Glutathione-Dependent Enzymes. <i>Drug Metabolism Reviews</i> , 2003, 35, 215-253.	1.5	59
99	4-Hydroxy-2,3-trans-nonenal stimulates microsomal lipid peroxidation by reducing the glutathione-dependent protection. <i>Archives of Biochemistry and Biophysics</i> , 1987, 259, 449-456.	1.4	58
100	Effect of thiols on lipid peroxidation in rat liver microsomes. <i>Chemico-Biological Interactions</i> , 1989, 71, 201-212.	1.7	58
101	Mineral Dust Exposure and Free Radical-Mediated Lung Damage. <i>Experimental Lung Research</i> , 1990, 16, 41-55.	0.5	58
102	Elevated citrate levels in nonalcoholic fatty liver disease: The potential of citrate to promote radical production. <i>FEBS Letters</i> , 2013, 587, 2461-2466.	1.3	58
103	Time in Redox Adaptation Processes: From Evolution to Hormesis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1649.	1.8	58
104	Cytochrome P-450 and glutathione: what is the significance of their interrelationship in lipid peroxidation?. <i>Trends in Biochemical Sciences</i> , 1984, 9, 510-513.	3.7	57
105	Deconjugation Kinetics of Glucuronidated Phase II Flavonoid Metabolites by $\beta$ -glucuronidase from Neutrophils. <i>Drug Metabolism and Pharmacokinetics</i> , 2010, 25, 379-387.	1.1	57
106	Modulation of Glucokinase Regulatory Protein: A Double-Edged Sword?. <i>Trends in Molecular Medicine</i> , 2015, 21, 583-594.	3.5	57
107	Enhancing and Extending Biological Performance and Resilience. <i>Dose-Response</i> , 2018, 16, 155932581878450.	0.7	57
108	Control of physical exercise of rats in a swimming basin. <i>Physiology and Behavior</i> , 1993, 53, 271-276.	1.0	56

#	ARTICLE	IF	CITATIONS
109	Altered antioxidant status in peripheral skeletal muscle of patients with COPD. <i>Respiratory Medicine</i> , 2005, 99, 118-125.	1.3	56
110	Inhibition of lipid peroxidation mediated by indolizines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 1829-1832.	1.0	55
111	Protectors against doxorubicin-induced cardiotoxicity: Flavonoids. <i>Cell Biology and Toxicology</i> , 2007, 23, 39-47.	2.4	55
112	Withaferin A induces heme oxygenase (HO-1) expression in endothelial cells via activation of the Keap1/Nrf2 pathway. <i>Biochemical Pharmacology</i> , 2016, 109, 48-61.	2.0	55
113	Demanding safe foods – Safety testing under the novel food regulation (2015/2283). <i>Trends in Food Science and Technology</i> , 2018, 72, 125-133.	7.8	55
114	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> , 2011, 16, 9636-9650.	1.7	54
115	Influence of lipid peroxidation on $\beta$ -adrenoceptors. <i>FEBS Letters</i> , 1986, 198, 80-84.	1.3	53
116	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> , 2002, 1583, 279-284.	1.2	53
117	Valorized Food Processing By-Products in the EU: Finding the Balance between Safety, Nutrition, and Sustainability. <i>Sustainability</i> , 2021, 13, 4428.	1.6	52
118	$\beta$ -adrenoceptor studies. 6. Further investigations on the hybrid nature of the rat adipocyte $\beta$ -adrenoceptor. <i>European Journal of Pharmacology</i> , 1980, 63, 73-83.	1.7	51
119	Immunoregulatory effects of adenosine 5'-triphosphate on cytokine release from stimulated whole blood. <i>European Journal of Immunology</i> , 2005, 35, 852-858.	1.6	51
120	The new cardioprotector Monohydroxyethylrutoside protects against doxorubicin-induced inflammatory effects in vitro. <i>British Journal of Cancer</i> , 2003, 89, 357-362.	2.9	50
121	Superoxide radicals increase transforming growth factor- $\beta$ 1 and collagen release from human lung fibroblasts via cellular influx through chloride channels. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 111-118.	1.3	50
122	[50] Nitric oxide radical scavenging of flavonoids. <i>Methods in Enzymology</i> , 1999, 301, 490-503.	0.4	49
123	The effect of monohydroxyethylrutoside on doxorubicin-induced cardiotoxicity in patients treated for metastatic cancer in a phase II study. <i>British Journal of Cancer</i> , 2007, 97, 1084-1089.	2.9	49
124	Antioxidant status associated with inflammation in sarcoidosis: A potential role for antioxidants. <i>Respiratory Medicine</i> , 2009, 103, 364-372.	1.3	49
125	Antioxidant and anti-inflammatory capacity of bioaccessible compounds from wheat fractions after gastrointestinal digestion. <i>Journal of Cereal Science</i> , 2010, 51, 110-114.	1.8	49
126	Prediction of asthma exacerbations in children: results of a one-year prospective study. <i>Clinical and Experimental Allergy</i> , 2012, 42, 792-798.	1.4	49



#	ARTICLE	IF	CITATIONS
127	Dietary Flavanols Modulate the Transcription of Genes Associated with Cardiovascular Pathology without Changes in Their DNA Methylation State. <i>PLoS ONE</i> , 2014, 9, e95527.	1.1	49
128	Histamine Affects Interleukin-4, Interleukin-5, and Interferon- $\gamma$ Production by Human T Cell Clones from the Airways and Blood. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 18, 721-730.	1.4	48
129	Determination of the antioxidant capacity in blood. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 735-40.	1.4	48
130	Silver nanoparticles induce hormesis in A549 human epithelial cells. <i>Toxicology in Vitro</i> , 2017, 40, 223-233.	1.1	48
131	The first radiolabeled histamine H3 receptor antagonist, [125I]iodophenpropit: Saturable and reversible binding to rat cortex membranes. <i>European Journal of Pharmacology</i> , 1992, 217, 203-205.	1.7	47
132	Monohydroxyethylrutoside as protector against chronic doxorubicin-induced cardiotoxicity. <i>British Journal of Pharmacology</i> , 1995, 115, 1260-1264.	2.7	47
133	Adverse food-drug interactions. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 859-865.	1.3	47
134	Antifibrotic and anticancer action of 5-ene amino/iminothiazolidinones. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 180-195.	2.6	47
135	Tumour necrosis factor- $\alpha$ induces hyperreactivity in tracheal smooth muscle of the guinea-pig <i>in vitro</i> . <i>European Respiratory Journal</i> , 1998, 12, 45-49.	3.1	46
136	Oxidative stress and antioxidants in interstitial lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2010, 16, 516-520.	1.2	46
137	The oxidation of p-phenylenediamine, an ingredient used for permanent hair dyeing purposes, leads to the formation of hydroxyl radicals: Oxidative stress and DNA damage in human immortalized keratinocytes. <i>Toxicology Letters</i> , 2015, 239, 194-204.	0.4	46
138	Inhibition of mono-oxygenase and oxidase activity of rat-hepatic cytochrome P-450 by H2-receptor blockers. <i>Xenobiotica</i> , 1984, 14, 399-408.	0.5	45
139	New synthetic flavonoids as potent protectors against doxorubicin-induced cardiotoxicity. <i>Free Radical Biology and Medicine</i> , 2001, 31, 31-37.	1.3	45
140	Pro-apoptotic effects of the flavonoid luteolin in rat H4IIE cells. <i>Toxicology</i> , 2005, 206, 337-348.	2.0	45
141	Pleiotropic-Acting Nutrients Require Integrative Investigational Approaches: The Example of Flavonoids. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8941-8946.	2.4	45
142	Reduction of lipoic acid by lipoamide dehydrogenase. <i>Biochemical Pharmacology</i> , 1996, 51, 233-238.	2.0	44
143	The extraordinary antioxidant activity of vitamin E phosphate. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004, 1683, 16-21.	1.2	44
144	A Single Session of Resistance Exercise Induces Oxidative Damage in Untrained Men. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 2145-2151.	0.2	44

#	ARTICLE	IF	CITATIONS
145	Sex differences in the cellular defence system against free radicals from oxygen or drug metabolites in rat. <i>Archives of Toxicology</i> , 1984, 56, 83-86.	1.9	43
146	Modulation of oxidative stress in the gastrointestinal tract and effect on rat intestinal motility. <i>Biochemical Pharmacology</i> , 1989, 38, 2807-2818.	2.0	43
147	Structure and activity in assessing antioxidant activity in vitro and in vivo. <i>Environmental Toxicology and Pharmacology</i> , 2006, 21, 191-198.	2.0	43
148	Atypical molecular pharmacology of a new long-acting $\beta^2$ -adrenoceptor agonist, TA 2005. <i>European Journal of Pharmacology</i> , 1992, 227, 403-409.	2.7	42
149	Iron is not involved in oxidative stress-mediated cytotoxicity of doxorubicin and bleomycin. <i>British Journal of Pharmacology</i> , 2006, 149, 920-930.	2.7	42
150	Exercise-Induced Oxidative Stress in Older Adults as a Function of Habitual Activity Level. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 349-353.	1.3	41
151	The Molecular Mechanisms of Adaptive Response Related to Environmental Stress. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7053.	1.8	41
152	Is there a difference in the affinity of histamine H1 receptor antagonists for CNS and peripheral receptors? An in vitro study. <i>European Journal of Pharmacology</i> , 1993, 232, 199-205.	1.7	40
153	Comparison of Different Iron Chelators as Protective Agents Against Acute Doxorubicin-induced Cardiotoxicity. <i>Journal of Molecular and Cellular Cardiology</i> , 1994, 26, 1179-1185.	0.9	40
154	Theophylline prevents NAD <sup>+</sup> depletion via PARP-1 inhibition in human pulmonary epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1805-1810.	1.0	40
155	Implementation of the nutrition and health claim regulation – The case of antioxidants. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 68, 475-487.	1.3	40
156	Clarifying the health claim assessment procedure of EFSA will benefit functional food innovation. <i>Journal of Functional Foods</i> , 2018, 47, 386-396.	1.6	40
157	An Essential Difference between the Flavonoids MonoHER and Quercetin in Their Interplay with the Endogenous Antioxidant Network. <i>PLoS ONE</i> , 2010, 5, e13880.	1.1	39
158	Histamine H1-receptor-mediated cyclic GMP production in guinea-pig lung tissue is an l-arginine-dependent process. <i>Biochemical Pharmacology</i> , 1991, 42, 271-277.	2.0	38
159	Rutin protects against H <sub>2</sub> O <sub>2</sub> -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> , 2017, 1861, 1177-1189.	1.1	38
160	Modulation of the in vitro cardiotoxicity of doxorubicin by flavonoids. <i>Cancer Chemotherapy and Pharmacology</i> , 1995, 37, 55-62.	1.1	37
161	Masquelier's grape seed extract: from basic flavonoid research to a well-characterized food supplement with health benefits. <i>Nutrition Journal</i> , 2017, 16, 5.	1.5	37
162	Acute cocoa Flavanols intake has minimal effects on exercise-induced oxidative stress and nitric oxide production in healthy cyclists: a randomized controlled trial. <i>Journal of the International Society of Sports Nutrition</i> , 2017, 14, 28.	1.7	37

#	ARTICLE	IF	CITATIONS
163	Placental Mitochondrial Abnormalities in Preeclampsia. <i>Reproductive Sciences</i> , 2021, 28, 2186-2199.	1.1	37
164	A disbalance between bet a-adrenergic and muscarinic responses caused by hydrogen peroxide in rat airways in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1987, 145, 357-362.	1.0	36
165	Contribution of 4-hydroxy-2,3-trans-nonenal to the reduction of $\beta^2$ -adrenoceptor function in the heart by oxidative stress. <i>Life Sciences</i> , 1989, 45, 71-76.	2.0	36
166	Lipoic Acid Favors Thiolsulfinate Formation After Hypochlorous Acid Scavenging: A Study with Lipoic Acid Derivatives. <i>Archives of Biochemistry and Biophysics</i> , 1994, 312, 114-120.	1.4	36
167	Poly (ADP-ribose) Polymerase-1â€“Inhibiting Flavonoids Attenuate Cytokine Release in Blood from Male Patients with Chronic Obstructive Pulmonary Disease or Type 2 Diabetes. <i>Journal of Nutrition</i> , 2009, 139, 952-957.	1.3	36
168	Superoxide dismutase: the balance between prevention and induction of oxidative damage. <i>Chemico-Biological Interactions</i> , 2003, 145, 33-39.	1.7	35
169	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> , 2003, 285, G354-G359.	1.6	35
170	Neutrophils augment LPS-mediated pro-inflammatory signaling in human lung epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1151-1162.	1.9	35
171	International legislation on nutrition and health claims. <i>Food Policy</i> , 2015, 55, 61-70.	2.8	35
172	Dietary Advanced Glycation Endproducts Induce an Inflammatory Response in Human Macrophages in Vitro. <i>Nutrients</i> , 2018, 10, 1868.	1.7	35
173	Immunomodulating Effects of Fungal Beta-Glucans: From Traditional Use to Medicine. <i>Nutrients</i> , 2021, 13, 1333.	1.7	35
174	The effect of chronic adriamycin treatment on heart kidney and liver tissue of male and female rat. <i>Archives of Toxicology</i> , 1988, 61, 275-281.	1.9	34
175	Reduction of $\beta^2$ -adrenoceptor function by oxidative stress in the heart. <i>Free Radical Biology and Medicine</i> , 1990, 9, 279-288.	1.3	34
176	Inhibition of various glutathione S-transferase isoenzymes by RRR- $\alpha$ -tocopherol. <i>Toxicology in Vitro</i> , 2003, 17, 245-251.	1.1	34
177	Lipoic Acid Protects Efficiently Only against a Specific Form of Peroxynitrite-induced Damage. <i>Journal of Biological Chemistry</i> , 2004, 279, 9693-9697.	1.6	34
178	Astaxanthin Supplementation Does Not Augment Fat Use or Improve Endurance Performance. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1158-1165.	0.2	34
179	The dietary antioxidant quercetin reduces hallmarks of bleomycin-induced lung fibrogenesis in mice. <i>BMC Pulmonary Medicine</i> , 2020, 20, 112.	0.8	34
180	The effect of some H2-receptor antagonists on rat hepatic microsomal cytochrome P-450 and lipid peroxidation in vitro. <i>European Journal of Medicinal Chemistry</i> , 1989, 24, 43-47.	2.6	33

#	ARTICLE	IF	CITATIONS
181	Rapid desensitization of the histamine H2 receptor on the human monocytic cell line U937. <i>European Journal of Pharmacology</i> , 1994, 288, 17-25.	2.7	33
182	Gastrointestinal digestion of dietary advanced glycation endproducts using an <i>in vitro</i> model of the gastrointestinal tract (TIM-1). <i>Food and Function</i> , 2020, 11, 6297-6307.	2.1	33
183	Sustained protective effects of 7-monohydroxyethylrutoside in an <i>in vivo</i> model of cardiac ischemia-reperfusion. <i>European Journal of Pharmacology</i> , 2004, 494, 205-212.	1.7	32
184	Anti-inflammatory agents and monoHER protect against DOX-induced cardiotoxicity and accumulation of CML in mice. <i>British Journal of Cancer</i> , 2007, 96, 937-943.	2.9	32
185	Using a Correction Factor to Correct for Overreporting in a Food-Frequency Questionnaire Does Not Improve Biomarker-Assessed Validity of Estimates for Fruit and Vegetable Consumption. <i>Journal of Nutrition</i> , 2003, 133, 1213-1219.	1.3	31
186	Accelerated Aging during Chronic Oxidative Stress: A Role for PARP-1. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	1.9	31
187	Glutathione revisited: a better scavenger than previously thought. <i>Frontiers in Pharmacology</i> , 2014, 5, 260.	1.6	31
188	Spectral interaction of orphenadrine and its metabolites with oxidized and reduced hepatic microsomal cytochrome P-450 in the rat. <i>Biochemical Pharmacology</i> , 1982, 31, 2745-2753.	2.0	30
189	The Role of Lipoic Acid in the Treatment of Diabetic Polyneuropathy. <i>Drug Metabolism Reviews</i> , 1997, 29, 1025-1054.	1.5	30
190	Role of Superoxide Anion on Basal and Stimulated Nitric Oxide Activity in Neonatal Piglet Pulmonary Vessels. <i>Pediatric Research</i> , 2003, 54, 372-381.	1.1	30
191	Lecithinized copper,zinc-superoxide dismutase as a protector against doxorubicin-induced cardiotoxicity in mice. <i>Toxicology and Applied Pharmacology</i> , 2004, 194, 180-188.	1.3	30
192	New iron chelators in anthracycline-induced cardiotoxicity. <i>Cardiovascular Toxicology</i> , 2007, 7, 145-150.	1.1	30
193	Basic Red 51, a permitted semi-permanent hair dye, is cytotoxic to human skin cells: Studies in monolayer and 3D skin model using human keratinocytes (HaCaT). <i>Toxicology Letters</i> , 2014, 227, 139-149.	0.4	30
194	Molecular pharmacological aspects of antiarrhythmic activity I. <i>Biochemical Pharmacology</i> , 1990, 39, 95-100.	2.0	29
195	Synthesis of 5-Substituted Pyrrolo[1,2-b]pyridazines with Antioxidant Properties. <i>Archiv Der Pharmazie</i> , 2001, 334, 21-24.	2.1	29
196	Systemic and Pulmonary Oxidative Stress After Single-Leg Exercise in COPD. <i>Chest</i> , 2009, 136, 1291-1300.	0.4	29
197	Effect of bioprocessing of wheat bran in wholemeal wheat breads on the colonic SCFA production <i>in vitro</i> and postprandial plasma concentrations in men. <i>Food Chemistry</i> , 2011, 128, 404-409.	4.2	29
198	(âˆ“)-Epicatechin metabolites promote vascular health through epigenetic reprogramming of endothelial-immune cell signaling and reversing systemic low-grade inflammation. <i>Biochemical Pharmacology</i> , 2020, 173, 113699.	2.0	29

#	ARTICLE	IF	CITATIONS
199	The Effect of Hydrogen Peroxide on $\hat{I}^2$ -Adrenoceptor Function in the Heart. Free Radical Research Communications, 1988, 4, 243-249.	1.8	28
200	Thiazoloindans and Thiazolobenzopyrans: A Novel Class of Orally Active Central Dopamine (Partial) Agonists. Journal of Medicinal Chemistry, 2000, 43, 3549-3557.	2.9	28
201	Psychological job demands as a risk factor for common cold in a Dutch working population. Journal of Psychosomatic Research, 2001, 50, 21-27.	1.2	28
202	Nitric Oxide Radical Scavenging by Wines. Journal of Agricultural and Food Chemistry, 1996, 44, 3733-3734.	2.4	27
203	Oral bioavailability of ATP after prolonged administration. British Journal of Nutrition, 2011, 105, 357-366.	1.2	27
204	Adenosine 5 $\hat{a}$ -triphosphate (ATP) supplements are not orally bioavailable: a randomized, placebo-controlled cross-over trial in healthy humans. Journal of the International Society of Sports Nutrition, 2012, 9, 16.	1.7	27
205	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.	1.0	27
206	Differential sensitivity to hydrogen peroxide of dopaminergic and noradrenergic neurotransmission in rat brain slices. Free Radical Biology and Medicine, 1995, 19, 209-217.	1.3	26
207	A phase I study of monohydroxyethylrutoside in healthy volunteers. Cancer Chemotherapy and Pharmacology, 2006, 57, 678-684.	1.1	26
208	The cocoa flavanol ( $\hat{a}$ )-epicatechin protects the cortisol response. Pharmacological Research, 2014, 79, 28-33.	3.1	26
209	High affinity, saturable [3H]mepyramine binding sites on rat liver plasma membrane do not represent histamine H1-receptors. Biochemical Pharmacology, 1989, 38, 2175-2180.	2.0	25
210	Copper complexes of 1,10-phenanthroline and related compounds as superoxide dismutase mimetics. Journal of Inorganic Biochemistry, 1990, 40, 237-244.	1.5	25
211	Changes in inositol-1, 4, 5-trisphosphate binding to hepatic plasma membranes caused by temperature, N-ethylmaleimide and menadione. Biochemical Pharmacology, 1990, 40, 1947-1952.	2.0	25
212	[28] Reaction of lipoic acid with ebselen and hypochlorous acid. Methods in Enzymology, 1995, 251, 303-314.	0.4	25
213	Inhibition of human glutathione S-transferase P1-1 by tocopherols and $\hat{I}$ -tocopherol derivatives. BBA - Proteins and Proteomics, 2001, 1548, 23-28.	2.1	25
214	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.	1.3	25
215	Paracetamol as a Post Prandial Marker for Gastric Emptying, A Food-Drug Interaction on Absorption. PLoS ONE, 2015, 10, e0136618.	1.1	25
216	Activation of the microsomal glutathione S-transferase by metabolites of $\hat{I}$ -methyl dopa. Archives of Biochemistry and Biophysics, 1991, 287, 48-52.	1.4	24

#	ARTICLE	IF	CITATIONS
217	A method for measuring nitric oxide radical scavenging activity. Scavenging properties of sulfur-containing compounds. <i>International Journal of Clinical Pharmacy</i> , 1997, 19, 283-286.	1.4	24
218	Î±-Tocopherol Inhibits Human Glutathione S-Transferase Î€. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 631-633.	1.0	24
219	Health effects of erythritol. <i>Nutrafoods</i> , 2015, 14, 3-9.	0.5	24
220	Active ingredients leading in health claims on functional foods. <i>Journal of Functional Foods</i> , 2016, 20, 587-593.	1.6	24
221	Regulation of Lipid Peroxidation by Glutathione and Lipoic Acid: Involvement of Liver Microsomal Vitamin E Free Radical Reductase. <i>Advances in Experimental Medicine and Biology</i> , 1990, 264, 111-116.	0.8	24
222	Cytochrome P450 oxidase activity and its role in NADPH dependent lipid peroxidation. <i>FEBS Letters</i> , 1983, 151, 185-188.	1.3	23
223	Red Blood Cell Antioxidant Parameters in Healthy Elderly Subjects Versus Silicosis Patients. <i>Free Radical Research Communications</i> , 1987, 3, 117-127.	1.8	23
224	Inhibition of nitric oxide synthase by nasal decongestants. <i>European Respiratory Journal</i> , 2000, 16, 437.	3.1	23
225	Ambient particulate matter induces relaxation of rat aortic rings in vitro. <i>Human and Experimental Toxicology</i> , 2001, 20, 259-265.	1.1	23
226	Efficacy of HOCl Scavenging by Sulfur-Containing Compounds: Antioxidant Activity of Glutathione Disulfide?. <i>Biological Chemistry</i> , 2002, 383, 709-13.	1.2	23
227	Free radicals in exhaled breath condensate in cystic fibrosis and healthy subjects. <i>Free Radical Research</i> , 2006, 40, 901-909.	1.5	23
228	Chorioamnionitis Induced Hepatic Inflammation and Disturbed Lipid Metabolism in Fetal Sheep. <i>Pediatric Research</i> , 2010, 68, 466-472.	1.1	23
229	Alpha-tocopheryl phosphate is a novel apoptotic agent. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 2013.	3.0	23
230	Different profiles of desensitization dynamics in guinea pig jejunal longitudinal smooth muscle after stimulation with histamine and methacholine. <i>British Journal of Pharmacology</i> , 1990, 101, 881-888.	2.7	22
231	Caspase-dependent and -independent suppression of apoptosis by monoHER in Doxorubicin treated cells. <i>British Journal of Cancer</i> , 2007, 96, 450-456.	2.9	22
232	Competition between Ascorbate and Glutathione for the Oxidized Form of Methylated Quercetin Metabolites and Analogues: Tamarixetin, 4â€²-O-Methylquercetin, Has the Lowest Thiol Reactivity. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9292-9297.	2.4	22
233	Superoxide anion radicals activate hepatic stellate cells after entry through chloride channels: A new target in liver fibrosis. <i>European Journal of Pharmacology</i> , 2014, 724, 140-144.	1.7	22
234	Adriamycin stimulates NADPH-dependent lipid peroxidation in liver microsomes not only by enhancing the production of O <sub>2</sub> â€² and H <sub>2</sub> O <sub>2</sub> , but also by potentiating the catalytic activity of ferrous ions. <i>Toxicology Letters</i> , 1984, 22, 153-159.	0.4	21

#	ARTICLE	IF	CITATIONS
235	The effect of ischemia and recirculation, hypoxia and recovery on anti-oxidant factors and $\hat{I}^2$ -adrenoceptor density. <i>Biochemical and Biophysical Research Communications</i> , 1987, 149, 568-575.	1.0	21
236	H3 receptor assay in electrically-stimulated superfused slices of rat brain cortex; effects of $N^1\pm$ -alkylated histamines and impromidine analogues. <i>Agents and Actions</i> , 1987, 20, 239-243.	0.7	21
237	The effect of histamine on the oxidative burst of HL60 cells before and after exposure to reactive oxygen species. <i>Inflammation Research</i> , 1995, 44, 99-104.	1.6	21
238	Maternal and fetal plasma concentrations of endothelin, lipidhydroperoxides, glutathione peroxidase and fibronectin in relation to abnormal umbilical artery velocimetry. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998, 80, 39-44.	0.5	21
239	Effect of increased vegetable and fruit consumption on plasma folate and homocysteine concentrations. <i>Nutrition</i> , 2007, 23, 97-102.	1.1	21
240	Multi-Targeted Mechanisms Underlying the Endothelial Protective Effects of the Diabetic-Safe Sweetener Erythritol. <i>PLoS ONE</i> , 2013, 8, e65741.	1.1	21
241	Comparison of the effects of inhibitors of cytochrome P-450-mediated reactions on human platelet aggregation and arachidonic acid metabolism. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1981, 677, 165-173.	1.1	20
242	Evidence for lipid peroxidation during the calcium paradox in vitamin E-deficient rat heart. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1984, 326, 87-89.	1.4	20
243	Hydroxyl radicals are not involved in NADPH dependent microsomal lipid peroxidation. <i>Experientia</i> , 1986, 42, 555-556.	1.2	20
244	The interaction of tea flavonoids with the NO-system: discrimination between good and bad NO. <i>Food Chemistry</i> , 2000, 70, 365-370.	4.2	20
245	Hypochlorous Acid Is a Potent Inhibitor of Acetylcholinesterase. <i>Toxicology and Applied Pharmacology</i> , 2002, 181, 228-232.	1.3	20
246	Characterization of the glutathione conjugate of the semisynthetic flavonoid monoHER. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1567-1573.	1.3	20
247	Interstitial Lung Damage Due to Cocaine Abuse: Pathogenesis, Pharmacogenomics and Therapy. <i>Current Medicinal Chemistry</i> , 2012, 19, 5607-5611.	1.2	20
248	Protection against Chemotaxis in the Anti-Inflammatory Effect of Bioactives from Tomato Ketchup. <i>PLoS ONE</i> , 2014, 9, e114387.	1.1	20
249	The flavonoid 7-mono-O-( $\hat{I}^2$ -hydroxyethyl)-rutoside is able to protect endothelial cells by a direct antioxidant effect. <i>Toxicology in Vitro</i> , 2014, 28, 538-543.	1.1	20
250	The Role of Circulating Lycopene in Low-Grade Chronic Inflammation: A Systematic Review of the Literature. <i>Molecules</i> , 2020, 25, 4378.	1.7	20
251	Calculation of competitive inhibition of substrate binding to cytochrome P-450 illustrated by the interaction of d,l-propranolol with d,l-hexobarbital. <i>Biochemical Pharmacology</i> , 1980, 29, 747-751.	2.0	19
252	The effects of 4-hydroxy-2,3-trans-nonenal on $\hat{I}^2$ -adrenoceptors of rat lung membranes. <i>Chemico-Biological Interactions</i> , 1986, 59, 211-218.	1.7	19

#	ARTICLE	IF	CITATIONS
253	Changes in receptor response by the effect of disease on membrane fluidity. <i>Medical Hypotheses</i> , 1989, 28, 169-171.	0.8	19
254	Extracellular ATP elevates cytoplasmatic free Ca <sup>2+</sup> in HeLa cells by the interaction with a 5â€²-nucleotide receptor. <i>European Journal of Pharmacology</i> , 1993, 247, 223-226.	2.7	19
255	Peroxynitrite Scavenging by Wines. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 3357-3358.	2.4	19
256	Possible (enzymatic) routes and biological sites for metabolic reduction of BNP7787, a new protector against cisplatin-induced side-effects. <i>Biochemical Pharmacology</i> , 2004, 68, 493-502.	2.0	19
257	Radioprotective effects of ATP in human blood ex vivo. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 383-387.	1.0	19
258	The effect of dietary components on inflammatory lung diseases â€” a literature review. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 771-787.	1.3	19
259	Hypoxia-induced mitochondrial abnormalities in cells of the placenta. <i>PLoS ONE</i> , 2021, 16, e0245155.	1.1	19
260	Effect of Antioxidant Supplementation on Exercise-Induced Cardiac Troponin Release in Cyclists: A Randomized Trial. <i>PLoS ONE</i> , 2013, 8, e79280.	1.1	19
261	Product inhibition during the hepatic microsomal N-demethylation of aminopyrine in the rat. <i>Biochemical Pharmacology</i> , 1981, 30, 19-24.	2.0	18
262	Analysis and pharmacokinetics of N-l-leucylidoxorubicin and metabolites in tissues of tumor-bearing BALB/c mice. <i>Cancer Chemotherapy and Pharmacology</i> , 1992, 31, 156-160.	1.1	18
263	Structural characteristics of histamine H <sub>2</sub> receptor antagonists that scavenge hypochlorous acid. <i>European Journal of Pharmacology</i> , 1994, 268, 89-93.	2.7	18
264	Effect of dimethyl sulfoxide (DMSO) on the electrocardiogram (ECG) in freely moving male Balb/c mice. <i>General Pharmacology</i> , 1995, 26, 1403-1407.	0.7	18
265	Nuclear factor-Î² activation is higher in peripheral blood mononuclear cells of male smokers. <i>Environmental Toxicology and Pharmacology</i> , 2001, 9, 147-151.	2.0	18
266	Tocotrienols Inhibit Human Glutathione S-Transferase P1-1. <i>IUBMB Life</i> , 2002, 54, 81-84.	1.5	18
267	Purinergic receptors involved in the immunomodulatory effects of ATP in human blood. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1194-1199.	1.0	18
268	Partial bladder outlet obstruction reduces the tissue antioxidant capacity and muscle nerve density of the guinea pig bladder. <i>Neurourology and Urodynamics</i> , 2009, 28, 461-467.	0.8	18
269	Stakeholdersâ€™ perception of the nutrition and health claim regulation. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 321-328.	1.3	18
270	One-week cocoa flavanol intake increases prefrontal cortex oxygenation at rest and during moderate-intensity exercise in normoxia and hypoxia. <i>Journal of Applied Physiology</i> , 2018, 125, 8-18.	1.2	18



#	ARTICLE	IF	CITATIONS
271	Dietary Advanced Glycation Endproducts and the Gastrointestinal Tract. <i>Nutrients</i> , 2020, 12, 2814.	1.7	18
272	Homologous histamine H1 receptor desensitization results in reduction of H1 receptor agonist efficacy. <i>European Journal of Pharmacology</i> , 1991, 196, 319-322.	1.7	17
273	Oxidative Degradation of Lipids during Mashing. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7010-7014.	2.4	17
274	Flavone as PARP-1 inhibitor: Its effect on lipopolysaccharide induced gene-expression. <i>European Journal of Pharmacology</i> , 2007, 573, 241-248.	1.7	17
275	Protective Pleiotropic Effect of Flavonoids on NAD <sup>+</sup> Levels in Endothelial Cells Exposed to High Glucose. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-7.	1.9	17
276	The effects of vitamin E or lipoic acid supplementation on oxyphytosterols in subjects with elevated oxidative stress: a randomized trial. <i>Scientific Reports</i> , 2017, 7, 15288.	1.6	17
277	Permeation of probe molecules into alginate microbeads: Effect of salt and processing. <i>Food Hydrocolloids</i> , 2017, 73, 255-261.	5.6	17
278	International Perspectives on Substantiating the Efficacy of Herbal Dietary Supplements and Herbal Medicines Through Evidence on Traditional Use. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 910-922.	5.9	17
279	Prejunctional muscarinic receptors on cholinergic nerves in guinea pig airways are of the M2 subtype. <i>European Journal of Pharmacology</i> , 1991, 193, 117-119.	1.7	16
280	Anti-oxidant actions of oxymethazoline and xylomethazoline. <i>European Journal of Pharmacology</i> , 1995, 291, 27-31.	2.7	16
281	The semisynthetic flavonoid monoHER sensitises human soft tissue sarcoma cells to doxorubicin-induced apoptosis via inhibition of nuclear factor- $\kappa$ B. <i>British Journal of Cancer</i> , 2011, 104, 437-440.	2.9	16
282	The effect of Amaranth oil on monolayers of artificial lipids and hepatocyte plasma membranes with adrenalin-induced stress. <i>Food Chemistry</i> , 2014, 147, 152-159.	4.2	16
283	The antioxidant flavonoid monoHER provides efficient protection and induces the innate Nrf2 mediated adaptation in endothelial cells subjected to oxidative stress. <i>PharmaNutrition</i> , 2014, 2, 69-74.	0.8	16
284	Strength of microbeads for the encapsulation of heat sensitive, hydrophobic components. <i>Food Hydrocolloids</i> , 2016, 56, 318-324.	5.6	16
285	Oral endotracheal intubation of guineapigs. <i>Laboratory Animals</i> , 1998, 32, 162-164.	0.5	15
286	A comparative study between catalase gene therapy and the cardioprotector monohydroxyethylrutoside (MonoHER) in protecting against doxorubicin-induced cardiotoxicity in vitro. <i>British Journal of Cancer</i> , 2003, 89, 2140-2146.	2.9	15
287	Relaxant Effects of Estradiol through Non-Genomic Pathways in Male and Female Pig Bladder Smooth Muscle. <i>Pharmacology</i> , 2004, 72, 121-127.	0.9	15
288	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> , 2014, 15, 7475-7484.	1.8	15

#	ARTICLE	IF	CITATIONS
289	Hypochlorous acid is a potent inhibitor of GST P1-1. <i>Chemico-Biological Interactions</i> , 2001, 138, 77-83.	1.7	14
290	No role of DT-diaphorase (NQO1) in the protection against oxidized quercetin. <i>FEBS Letters</i> , 2005, 579, 677-682.	1.3	14
291	Long-term effects of 7-mono-hydroxyethylrutoside (monoHER) on DOX-induced cardiotoxicity in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2007, 60, 509-514.	1.1	14
292	Time-dependent effects of ATP and its degradation products on inflammatory markers in human blood ex vivo. <i>Immunobiology</i> , 2008, 213, 389-397.	0.8	14
293	Damage to lung epithelial cells and lining fluid antioxidant defense by humic acid. <i>Environmental Toxicology and Pharmacology</i> , 2008, 26, 96-101.	2.0	14
294	Cat litter is a possible trigger for sarcoidosis. <i>European Respiratory Journal</i> , 2012, 39, 221-222.	3.1	14
295	The flavonoid monoHER prevents monocrotaline-induced hepatic sinusoidal injury in rats. <i>Journal of Surgical Oncology</i> , 2012, 106, 72-78.	0.8	14
296	Oxyphytosterol formation in humans: Identification of high vs. low oxidizers. <i>Biochemical Pharmacology</i> , 2013, 86, 19-25.	2.0	14
297	Critical appraisal of <sup>13</sup> C breath tests for microsomal liver function: aminopyrine revisited. <i>Liver International</i> , 2014, 34, 487-494.	1.9	14
298	The tobacco smoke component acrolein induces glucocorticoid resistant gene expression via inhibition of histone deacetylase. <i>Toxicology Letters</i> , 2016, 240, 43-49.	0.4	14
299	Inter-individual differences in pharmacokinetics of vitamin B6: A possible explanation of different sensitivity to its neuropathic effects. <i>PharmaNutrition</i> , 2020, 12, 100188.	0.8	14
300	Progressively motile human spermatozoa are well protected against in vitro lipid peroxidation imposed by induced oxidative stress. <i>Andrologia</i> , 2001, 33, 151-158.	1.0	13
301	ATP sensitizes H460 lung carcinoma cells to cisplatin-induced apoptosis. <i>Chemico-Biological Interactions</i> , 2010, 184, 338-345.	1.7	13
302	The anti-inflammatory efficacy of dexamethasone is protected by (âˆ’)-epicatechin. <i>PharmaNutrition</i> , 2014, 2, 47-52.	0.8	13
303	Nutrition and Health â€” Transforming Research Traditions. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 1074-1080.	5.4	13
304	Paraquat disrupts the anti-inflammatory action of cortisol in human macrophages in vitro: therapeutic implications for paraquat intoxications. <i>Toxicology Research</i> , 2017, 6, 232-241.	0.9	13
305	Pharmacogenetic variants and vitamin K deficiency. <i>Current Opinion in Pulmonary Medicine</i> , 2018, 24, 287-295.	1.2	13
306	Cytochrome P-450 and ethoxycoumarin-deethylation in rat gastric microsomes: Induction by 3-methylcholanthrene and inhibition by cimetidine. <i>Biochemical and Biophysical Research Communications</i> , 1981, 102, 784-790.	1.0	12

#	ARTICLE	IF	CITATIONS
307	Effect of vitamin E on the balance between pro- and antioxidant activity of ascorbic acid in microsomes from rat heart, kidney and liver. <i>Toxicology Letters</i> , 1985, 25, 153-159.	0.4	12
308	The effects of cimetidine, ranitidine and famotidine on rat hepatic microsomal cytochrome P-450 activities. <i>Agents and Actions</i> , 1989, 27, 188-191.	0.7	12
309	No reduction of $\alpha$ -tocopherol quinone by glutathione in rat liver microsomes. <i>Biochemical Pharmacology</i> , 2001, 61, 715-719.	2.0	12
310	Lack of inhibition of endothelial nitric oxide synthase in the isolated rat aorta by doxorubicin. <i>Toxicology in Vitro</i> , 2003, 17, 165-167.	1.1	12
311	Local effect of adenosine 5'-triphosphate on indomethacin-induced permeability changes in the human small intestine. <i>European Journal of Gastroenterology and Hepatology</i> , 2007, 19, 245-250.	0.8	12
312	Evaluation of the accuracy of antioxidant competition assays: incorrect assumptions with major impact. <i>Free Radical Biology and Medicine</i> , 2009, 47, 135-144.	1.3	12
313	Effect of N <sup>ε</sup> -carboxymethyllysine on oxidative stress and the glutathione system in beta cells. <i>Toxicology Reports</i> , 2014, 1, 973-980.	1.6	12
314	The supplementâ€“drug interaction of quercetin with tamsulosin on vasorelaxation. <i>European Journal of Pharmacology</i> , 2015, 746, 132-137.	1.7	12
315	Food-Derived Bioactives Can Protect the Anti-Inflammatory Activity of Cortisol with Antioxidant-Dependent and -Independent Mechanisms. <i>International Journal of Molecular Sciences</i> , 2016, 17, 239.	1.8	12
316	Allergens of permanent hair dyes induces epidermal damage, skin barrier loss and IL-1 $\beta$ increase in epidermal in vitro model. <i>Food and Chemical Toxicology</i> , 2018, 112, 265-272.	1.8	12
317	Role of antioxidants in the treatment of gastroesophageal reflux disease-associated idiopathic pulmonary fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2020, 26, 363-371.	1.2	12
318	Relationship Between Molecular Structure and Cytochrome P450âˆ™Metabolic Intermediate Complex Formation. <i>Journal of Pharmaceutical Sciences</i> , 1984, 73, 953-956.	1.6	11
319	Vitamin E and selenium regulate balance between $\beta$ -adrenergic and muscarinic responses in rat lungs. <i>FEBS Letters</i> , 1988, 233, 427-431.	1.3	11
320	Decreased first trimester uric acid production in future preeclamptic patients. <i>Journal of Perinatal Medicine</i> , 1997, 25, 347-352.	0.6	11
321	Exercise training and oxidative stress in the elderly as measured by antipyrine hydroxylation products. <i>Free Radical Research</i> , 2001, 35, 435-443.	1.5	11
322	Bioavailability and pharmacokinetics of the cardioprotecting flavonoid 7-monohydroxyethylrutoside in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2003, 52, 371-376.	1.1	11
323	ATP inhibits hydroxyl radical formation and the inflammatory response of stimulated whole blood even under circumstances of severe oxidative stress. <i>Free Radical Research</i> , 2006, 40, 53-58.	1.5	11
324	Diffuse Alveolar Hemorrhage in Coumarin Users: A Fibrosing Interstitial Pneumonia Trigger?. <i>Lung</i> , 2013, 191, 53-59.	1.4	11

#	ARTICLE	IF	CITATIONS
325	Anticholinergic Accumulation: A Slumbering Interaction between Drugs and Food Supplements. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 117, 427-432.	1.2	11
326	The flavonoid monoHER promotes the adaption to oxidative stress during the onset of NAFLD. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 179-182.	1.0	11
327	Lipase diffusion in oil-filled, alginate micro- and macrobeads. <i>Food Hydrocolloids</i> , 2018, 85, 242-247.	5.6	11
328	European private food safety standards in global agri-food supply chains: a systematic review. <i>International Food and Agribusiness Management Review</i> , 2021, 24, 739-754.	0.8	11
329	The effects of radical stress and N-ethylmaleimide on rat hepatic $\alpha_1$ -adrenergic receptors. <i>Toxicology Letters</i> , 1989, 45, 73-82.	0.4	10
330	Antioxidant supplementation and exercise-induced oxidative stress in the 60-year-old as measured by antipyrine hydroxylates. <i>British Journal of Nutrition</i> , 2001, 86, 569-575.	1.2	10
331	Gene expression in human small intestinal mucosa in vivo is mediated by iron-induced oxidative stress. <i>Physiological Genomics</i> , 2006, 25, 242-249.	1.0	10
332	The influence of the time interval between monoHER and doxorubicin administration on the protection against doxorubicin-induced cardiotoxicity in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 58, 699-702.	1.1	10
333	Inhibition of acute pulmonary and systemic inflammation by 1,7-dimethylxanthine. <i>European Journal of Pharmacology</i> , 2010, 629, 132-139.	1.7	10
334	Identification of the Metabolites of the Antioxidant Flavonoid 7-Mono-O-( $\beta$ -hydroxyethyl)-rutoside in Mice. <i>Drug Metabolism and Disposition</i> , 2011, 39, 750-756.	1.7	10
335	Dietary supplement intake during pregnancy; better safe than sorry?. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 95, 442-447.	1.3	10
336	Nutrition and corticosteroids in the treatment of sarcoidosis. <i>Current Opinion in Pulmonary Medicine</i> , 2018, 24, 479-486.	1.2	10
337	Inhibition of diazepam metabolism in microsomal-and perfused liver preparations of the rat by desmethyldiazepam, N-methyloxazepam and oxazepam. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1985, 10, 15-20.	0.6	9
338	Studies on the active molecular species of the H <sub>2</sub> -receptor antagonists cimetidine and mifentidine. <i>Journal of Medicinal Chemistry</i> , 1987, 30, 208-211.	2.9	9
339	Screening of cattle urine samples for the presence of beta-agonists with a functional test: some preliminary results. <i>Analyst</i> , 1994, 119, 2667.	1.7	9
340	Stability of monoHER in an aqueous formulation for i.v. administration. <i>International Journal of Pharmaceutics</i> , 2000, 211, 51-56.	2.6	9
341	The cardioprotector monoHER does not interfere with the pharmacokinetics or the metabolism of the cardiotoxic agent doxorubicin in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2003, 51, 306-310.	1.1	9
342	Regulation of Sympathetic and Parasympathetic Receptor Responses in the Rat Trachea by Epithelium: Influence of Mechanical and Chemical Removal of Epithelium. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 42, 831-836.	1.2	9

#	ARTICLE	IF	CITATIONS
343	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> , 2011, 90, 852-859.	2.3	9
344	The direct and sustained consequences of severe placental hypoxia on vascular contractility. <i>PLoS ONE</i> , 2018, 13, e0202648.	1.1	9
345	Drug-induced interstitial lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2019, 25, 468-477.	1.2	9
346	Dose-Dependent Kinetics of Aminopyrine Metabolism in the Rat Caused by Product Inhibition and Determined by Capillary GLC. <i>Pharmacology</i> , 1982, 25, 130-137.	0.9	8
347	Involvement of protein kinase C in the histamine H1-receptor mediated contraction of guinea-pig lung parenchymal strips. <i>Agents and Actions</i> , 1989, 27, 180-183.	0.7	8
348	Hydrogen peroxide reduces $\hat{I}^2$ -adrenoceptor fonction in the rat small intestine. <i>European Journal of Pharmacology</i> , 1991, 199, 153-156.	1.7	8
349	Glutathione mobilization during cerebral ischemia and reperfusion in the rat. <i>General Pharmacology</i> , 1992, 23, 105-108.	0.7	8
350	Exercise-induced oxidative stress in older adults as measured by antipyrene oxidation. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 1484-1488.	1.5	8
351	The protective effect of cardiac gene transfer of CuZnâ€“sod in comparison with the cardioprotector monohydroxyethylrutoside against doxorubicin-induced cardiotoxicity in cultured cells. <i>Cancer Gene Therapy</i> , 2003, 10, 270-277.	2.2	8
352	Galangin protects pig detrusor nerves from repetitive field stimulation and anoxia/glucopenia injury. <i>Urology</i> , 2005, 66, 1327-1331.	0.5	8
353	Metabolic and functional effects of glutamate intake in patients with chronic obstructive pulmonary disease (COPD). <i>Clinical Nutrition</i> , 2008, 27, 408-415.	2.3	8
354	Protective role of câ€“Jun Nâ€“terminal kinaseâ€“2 (JNK2) in ibuprofenâ€“induced acute liver injury. <i>Journal of Pathology</i> , 2019, 247, 110-122.	2.1	8
355	Placental hypoxia-induced alterations in vascular function, morphology, and endothelial barrier integrity. <i>Hypertension Research</i> , 2020, 43, 1361-1374.	1.5	8
356	Dietary Advanced Glycation Endproducts Decrease Glucocorticoid Sensitivity In Vitro. <i>Nutrients</i> , 2020, 12, 441.	1.7	8
357	Identification of structural characteristics of some potential H2-receptor antagonists that determine the interaction with rat hepatic P-450. <i>Chemico-Biological Interactions</i> , 1988, 67, 117-127.	1.7	7
358	Dependence of hydrogen peroxide formation in rat liver microsomes on the molecular structure of cytochrome P-450 substrates: A study with barbiturates and $\hat{I}^2$ -adrenoceptor antagonists. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1989, 14, 93-100.	0.6	7
359	Intestinal smooth muscle dysfunction after intraperitoneal injection of zymosan in the rat: are oxygen radicals involved?. <i>Gut</i> , 1992, 33, 336-341.	6.1	7
360	Role of the epithelium in the control of intestinal motility: Implications for intestinal damage after anoxia and reoxygenation. <i>Agents and Actions</i> , 1992, 36, 159-167.	0.7	7

#	ARTICLE	IF	CITATIONS
361	Analysis of anthracycline antitumour drugs in tissues and body fluids using liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 1993, 12, 422-428.	5.8	7
362	Changes in neuroreceptor function of tracheal smooth muscle following acute ozone exposure of guinea pigs. <i>Toxicology</i> , 1997, 120, 159-169.	2.0	7
363	Hormesis in precautionary regulatory culture: models preferences and the advancement of science. <i>Human and Experimental Toxicology</i> , 2007, 26, 855-873.	1.1	7
364	Why RDAs and ULs Are Incompatible Standards in the U-shaped Micronutrient Model: A Philosophically Orientated Analysis of Micronutrients' Standardizations. <i>Risk Analysis</i> , 2008, 28, 1639-1652.	1.5	7
365	Should botanical health claims be substantiated with evidence on traditional use? Reviewing the stakeholders' arguments. <i>PharmaNutrition</i> , 2020, 14, 100232.	0.8	7
366	Anthracycline-Induced Oxygen Consumption and Oxidative Damage in Rat Liver Microsomes are not Necessarily Coupled: A study with 8 structurally related anthracyclines. <i>Free Radical Research Communications</i> , 1985, 1, 41-54.	1.8	6
367	Relation between pharmacological response and receptor binding with histamine blocking drugs. Irreversible antagonism of three analogues of mifentidine on right atrium and cerebral cortex of the guinea-pig. <i>Agents and Actions</i> , 1987, 21, 41-48.	0.7	6
368	Ebselen inhibits contractile responses of guinea-pig parenchymal lung strips. <i>European Journal of Pharmacology</i> , 1990, 179, 193-199.	1.7	6
369	Fluoride is a contractile agent of guinea pig airway smooth muscle. <i>General Pharmacology</i> , 1991, 22, 631-636.	0.7	6
370	Histamine as a marker for hydroxyl radicals. <i>Mediators of Inflammation</i> , 1995, 4, 339-343.	1.4	6
371	The effect of ozone exposure on the release of eicosanoids in guinea-pig BAL fluid in relation to cellular damage and inflammation. <i>Mediators of Inflammation</i> , 1997, 6, 355-361.	1.4	6
372	The effect of the trolox equivalent antioxidant capacity (TEAC) in plasma on the formation of 4-aminobiphenylhaemoglobin adducts in smokers. <i>Biomarkers</i> , 2002, 7, 291-298.	0.9	6
373	The contribution of the major metabolite 4-O-methylmonoHER to the antioxidant activity of the flavonoid monoHER. <i>Chemico-Biological Interactions</i> , 2015, 239, 146-152.	1.7	6
374	Towards improved pharmacotherapy in pulmonary arterial hypertension. Can diet play a role?. <i>Clinical Nutrition ESPEN</i> , 2019, 30, 159-169.	0.5	6
375	Tamsulosin Associated with Interstitial Lung Damage in CYP2D6 Variant Alleles Carriers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2770.	1.8	6
376	Effects of gastrointestinal delivery of non-caloric tastants on energy intake: a systematic review and meta-analysis. <i>European Journal of Nutrition</i> , 2021, 60, 2923-2947.	1.8	6
377	Pulmonary toxicity associated with occupational and environmental exposure to pesticides and herbicides. <i>Current Opinion in Pulmonary Medicine</i> , 2021, 27, 278-283.	1.2	6
378	Effect of multiple administration of orphenadrine or mono-N-desmethylophenadrine on cytochrome P-450 catalyzed reactions in the rat. <i>Archives of Toxicology</i> , 1983, 54, 131-137.	1.9	5

#	ARTICLE	IF	CITATIONS
379	Non-Enzymic Lipid Peroxidation in Microsomes and Microsomal Phospholipids Induced by Anthracyclines. <i>Free Radical Research Communications</i> , 1986, 1, 369-378.	1.8	5
380	Labelling of non-H1-receptor binding sites by [3H]-mepyramine on the rat liver plasma membrane. <i>Agents and Actions</i> , 1990, 30, 157-160.	0.7	5
381	with Calmodulin. <i>Archiv Der Pharmazie</i> , 1990, 323, 487-491.	2.1	5
382	Desensitization of histamine H1 receptor-mediated cyclic GMP production in guinea-pig lung. <i>European Journal of Pharmacology</i> , 1992, 225, 137-141.	2.7	5
383	Antioxidants in IVF culture media. <i>Human Reproduction</i> , 1995, 10, 696-697.	0.4	5
384	Combined non-enzymatic and enzymatic reduction favors bioactivation of racemic lipoic acid: an advantage of a racemic drug?. , 1997, 9, 362-366.		5
385	Nitric oxide synthase inhibition by dimaprit and dimaprit analogues. <i>British Journal of Pharmacology</i> , 1999, 127, 331-334.	2.7	5
386	The thiol reactivity of the oxidation product of 3,5,7-trihydroxy-4H-chromen-4-one containing flavonoids. <i>Toxicology Letters</i> , 2004, 151, 105-111.	0.4	5
387	Decreased hepatosplanchnic antioxidant uptake during hepatic ischaemia/reperfusion in patients undergoing liver resection. <i>Clinical Science</i> , 2008, 114, 553-560.	1.8	5
388	Tomato Extract for Hypertension?. <i>Cardiovascular Drugs and Therapy</i> , 2009, 23, 107-108.	1.3	5
389	Chemicals and Health – Thought for Food. <i>Dose-Response</i> , 2013, 11, dose-response.1.	0.7	5
390	“You Can't Always Get What You Want” Linearity as the Golden Ratio of Toxicology. <i>Dose-Response</i> , 2014, 12, dose-response.1.	0.7	5
391	Is intestinal oxidative stress involved in patients with compensated liver cirrhosis?. <i>Annals of Hepatology</i> , 2016, 15, 402-409.	0.6	5
392	VKORC1 and CYP2C9 Polymorphisms: A Case Report in a Dutch Family with Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1160.	1.8	5
393	Cytochrome P-450 and Vitamin E Free Radical Reductase: Formation of and Protection Against Free Radicals. , 1990, , 359-370.		5
394	Cytochrome P-450 metabolic-intermediate complex formation with a series of diphenhydramine analogues. <i>Agents and Actions</i> , 1990, 30, 161-165.	0.7	4
395	Of Reductionism and The Pendulum Swing: Connecting Toxicology and Human Health. <i>Dose-Response</i> , 2012, 10, dose-response.1.	0.7	4
396	Monomeric and oligomeric flavanols maintain the endogenous glucocorticoid response in human macrophages in pro-oxidant conditions in vitro. <i>Chemico-Biological Interactions</i> , 2018, 291, 237-244.	1.7	4

#	ARTICLE	IF	CITATIONS
397	Haemodynamic effects of the flavonoid quercetin in rats revisited. <i>British Journal of Pharmacology</i> , 2020, 177, 1841-1852.	2.7	4
398	Pro- and Anti-Oxidant Factors in Rat lung Cytosol. <i>Advances in Experimental Medicine and Biology</i> , 1990, 264, 455-461.	0.8	4
399	The Effect of Vitamin E-Deficiency in Isolated Rat Heart on the Cellular Defence System Against Free Radicals During Normal Reperfusion After Hypoxic, Ischemic and Ca <sup>2+</sup> -Free Perfusion. <i>Free Radical Research Communications</i> , 1986, 1, 225-233.	1.8	3
400	Are the imidazoles of cimetidine and mifentidine bioisostere?. <i>European Journal of Medicinal Chemistry</i> , 1988, 23, 267-273.	2.6	3
401	Autoinhibition of histamine release by H3 receptors in rat brain cortex depends on stimulation frequency. <i>Agents and Actions</i> , 1990, 30, 206-209.	0.7	3
402	Identification of $\beta_2$ -adrenoceptors on guinea pig alveolar macrophages using ( $\alpha$ )-3-[125I]iodocyanopindolol. <i>Inflammation</i> , 1990, 14, 421-426.	1.7	3
403	Substituent effect on the stereochemistry of H2-receptor antagonists of the phenylformamidine series. A conformation-dependent mode of interaction with the H2 receptor. <i>Journal of Medicinal Chemistry</i> , 1991, 34, 1772-1776.	2.9	3
404	Radical formation by metal complexes of anthracyclines and their metabolites. Is there a relation with cardiotoxicity?. <i>European Journal of Pharmaceutical Sciences</i> , 1994, 2, 229-237.	1.9	3
405	Acute exposure to ozone does not influence neuroreceptor density and sensitivity in guinea pig lung. <i>Toxicology Letters</i> , 1997, 90, 53-60.	0.4	3
406	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> , 2017, 275, 116-120.	1.7	3
407	Exploring the mechanism of within-meal variety and sensory-specific satiation. <i>Food Quality and Preference</i> , 2019, 78, 103740.	2.3	3
408	The effects of $\beta_2$ -adrenergic receptor agonists on the H2O2 formation in alveolar macrophage suspensions are not mediated by $\beta_2$ -receptors. <i>Agents and Actions</i> , 1988, 25, 375-377.	0.7	2
409	Structural features of some diphenhydramine analogues that determine the interaction with rat liver cytochrome P-450. <i>Agents and Actions</i> , 1989, 27, 184-187.	0.7	2
410	Essential thiol and disulphide groups in the histamine H1-receptor signal transfer of guinea-pig parenchymal lung strips. <i>Agents and Actions</i> , 1990, 30, 169-173.	0.7	2
411	Menadione inhibits the $\beta_1$ -adrenergic receptor-mediated increase in cytosolic free calcium concentration in hepatocytes by inhibiting inositol 1,4,5-trisphosphate-dependent release of calcium from intracellular stores. <i>Biochemical Pharmacology</i> , 1991, 42, 1977-1986.	2.0	2
412	The role of prostanoids in ozone-induced changes in airway responsiveness: receptor activation-specific prostanoid release. <i>Environmental Toxicology and Pharmacology</i> , 1998, 5, 69-78.	2.0	2
413	Capsaicin treatment induces muscarinic hyperreactivity in guinea pig trachea: A warning. <i>European Journal of Pharmacology</i> , 1998, 347, 261-264.	1.7	2
414	Interaction of uridine 5'-diphosphoglucuronic acid (UDPGA) with cytochrome P 450. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 35, 522-523.	1.2	2



#	ARTICLE	IF	CITATIONS
415	Chemical characteristics for optimizing CYP2E1 inhibition. <i>Chemico-Biological Interactions</i> , 2015, 242, 139-144.	1.7	2
416	Structure engineering of filled protein microbeads to tailor release of oil droplets in gastric digestion. <i>Food and Function</i> , 2016, 7, 3539-3547.	2.1	2
417	Effects of Monomeric and Oligomeric Flavanols on Kidney Function, Inflammation and Oxidative Stress in Runners: A Randomized Double-Blind Pilot Study. <i>Nutrients</i> , 2020, 12, 1634.	1.7	2
418	How does scientific information reach the consumer? A case study among students into providing verbal information on dietary supplements at point of purchase. <i>International Journal of Food Sciences and Nutrition</i> , 2021, 72, 402-417.	1.3	2
419	Oxidative Stress and Receptor Responses in Guinea-Pig Tracheal Tissue. , 1990, 31, 143-145.		2
420	The complexity of proving health effects with data on "traditional use": A critical perspective on supporting botanical health claims. <i>Trends in Food Science and Technology</i> , 2022, 120, 338-343.	7.8	2
421	Altered pharmacology and toxicology during ageing: implications for lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2022, 28, 314-320.	1.2	2
422	Reduction of the NO-mediated response in the rat aorta by metalloporphyrins. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000, 78, 457-461.	0.7	1
423	Flavonoid galangin prevents smooth muscle fatigue of pig urinary bladder. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 617-622.	1.2	1
424	Once-daily dose regimen of ribavirin is interchangeable with a twice-daily dose regimen: randomized open clinical trial. <i>Pharmacogenomics and Personalized Medicine</i> , 2015, 8, 137.	0.4	1
425	Iron Supplements and Magnesium Peroxide: An Example of a Hazardous Combination in Self-Medication. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 412-417.	1.2	1
426	"The Policy of Truth" Anchoring Toxicology in Regulation. , 2017, , 71-78.		1
427	From Pretaster to Toxicologist. , 2017, , 1-12.		1
428	Interaction of diet and drugs in lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2020, Publish Ahead of Print, 359-362.	1.2	1
429	Pharmaceutical Compounds with Antioxidant Activity. <i>Developments in Cardiovascular Medicine</i> , 2000, , 71-83.	0.1	1
430	Lipoic Acid. , 2001, , .		1
431	The role of vitamin K in the etiology of diffuse alveolar hemorrhage. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2019, 36, 251-252.	0.2	1
432	The mystery of Black Pete make-up: a sarcoid-like foreign-body reaction. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2019, 36, 172-173.	0.2	1

#	ARTICLE	IF	CITATIONS
433	Assessing the influence of information on the intention to use dietary supplements: An online questionnaire study. <i>Journal of Functional Foods</i> , 2022, 92, 105017.	1.6	1
434	Senescence in pulmonary arterial hypertension: is there a link?. <i>Current Opinion in Pulmonary Medicine</i> , 2022, 28, 303-306.	1.2	1
435	Experimental conditions influence [3H]-dihydroalprenolol binding characteristics to living HeLa cells due to morphological changes: A warning. <i>Cell Biochemistry and Function</i> , 1987, 5, 143-147.	1.4	0
436	Irreversible H2-antagonism of the four isomeric butyl analogues of mifentidine. <i>Agents and Actions</i> , 1990, 30, 166-168.	0.7	0
437	A new radioligand binding assay for cytochrome P450IID1 (CYP2D1) in rat liver microsomes: A tool to predict sparteine/debrisoquine type polymorphism of drugs. <i>Journal of Pharmacological and Toxicological Methods</i> , 1994, 31, 149-152.	0.3	0
438	Difference in the inhibition of nitric oxide synthase and cytochrome P-450 by some H2-antagonists. <i>Toxicology in Vitro</i> , 1997, 11, 775-778.	1.1	0
439	Effect of phospholipase A2 activation on the receptor function in the rat left atrium: Unmasking of a positive inotropic effect of methacholine. <i>General Pharmacology</i> , 1997, 29, 441-446.	0.7	0
440	The Risk of Eating: The Toxicity of Natural versus Man-Made Chemicals. , 0, , 63-68.		0
441	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> , 2010, 392, 346-350.	1.0	0
442	Death by Dose—The Most Toxic Compounds. , 2017, , 13-22.		0
443	Endothelial protective effects of erythritol. <i>FASEB Journal</i> , 2010, 24, 535.1.	0.2	0
444	New roles of erythritol identified via transcriptomic profiling. <i>FASEB Journal</i> , 2012, 26, 263.3.	0.2	0
445	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> , 2012, 26, 646.3.	0.2	0
446	Beta cell dysfunction during hyperglycemia: protective role of erythritol?. <i>FASEB Journal</i> , 2013, 27, 637.1.	0.2	0
447	The Coping Body—A Myriad of Exposures. , 2017, , 23-32.		0
448	Molecular Trepidations—The Linear Nonthreshold Model. , 2017, , 57-69.		0
449	Nature Knows Best—Chemicals From the Geobiological Sphere. , 2017, , 33-43.		0