

Aalt Bast

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446
papers

21,129
citations

71
h-index

130
g-index

453
ext. papers

22,821
ext. citations

5.1
avg, IF

6.73
L-index

#	Paper	IF	Citations
446	Health effects of quercetin: from antioxidant to nutraceutical. <i>European Journal of Pharmacology</i> , 2008 , 585, 325-37	5.3	1156
445	Structural aspects of antioxidant activity of flavonoids. <i>Free Radical Biology and Medicine</i> , 1996 , 20, 331-428	4.8	905
444	Oxidative stress in chronic obstructive pulmonary disease. Oxidative Stress Study Group. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997 , 156, 341-57	10.2	647
443	The pharmacology of the antioxidant lipoic acid. <i>General Pharmacology</i> , 1997 , 29, 315-31		596
442	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	8.5	557
441	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, 813-6	10.2	396
440	Oxidants and antioxidants: state of the art. <i>American Journal of Medicine</i> , 1991 , 91, 2S-13S	2.4	371
439	Interactions between flavonoids and proteins: effect on the total antioxidant capacity. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 1184-7	5.7	348
438	A quantum chemical explanation of the antioxidant activity of flavonoids. <i>Chemical Research in Toxicology</i> , 1996 , 9, 1305-12	4	342
437	Flavonoids as scavengers of nitric oxide radical. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 214, 755-9	3.4	283
436	Peroxynitrite scavenging by flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 236, 591-3	3.4	260
435	Flavonoids as peroxynitrite scavengers: the role of the hydroxyl groups. <i>Toxicology in Vitro</i> , 2001 , 15, 3-6	3.6	251
434	Butyrate modulates oxidative stress in the colonic mucosa of healthy humans. <i>Clinical Nutrition</i> , 2009 , 28, 88-93	5.9	238
433	The role of oxidative stress in non-alcoholic steatohepatitis. <i>Clinica Chimica Acta</i> , 2011 , 412, 1297-305	6.2	233
432	Biomarkers. <i>Molecular Aspects of Medicine</i> , 2002 , 23, 101-208	16.7	233
431	Influence of iron chelation on the antioxidant activity of flavonoids. <i>Biochemical Pharmacology</i> , 1998 , 56, 935-43	6	223
430	Molecular pharmacology of vitamin E: structural aspects of antioxidant activity. <i>Free Radical Biology and Medicine</i> , 1993 , 15, 311-28	7.8	208

429	Bioavailability and metabolism. <i>Molecular Aspects of Medicine</i> , 2002 , 23, 39-100	16.7	205
428	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	3.4	205
427	Antioxidant capacity of reaction products limits the applicability of the Trolox Equivalent Antioxidant Capacity (TEAC) assay. <i>Food and Chemical Toxicology</i> , 2004 , 42, 45-9	4.7	191
426	Flavonoids can replace alpha-tocopherol as an antioxidant. <i>FEBS Letters</i> , 2000 , 473, 145-8	3.8	189
425	Bioprocessing of wheat bran improves in vitro bioaccessibility and colonic metabolism of phenolic compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 6148-55	5.7	187
424	Masking of antioxidant capacity by the interaction of flavonoids with protein. <i>Food and Chemical Toxicology</i> , 2001 , 39, 787-91	4.7	171
423	Interplay between lipoic acid and glutathione in the protection against microsomal lipid peroxidation. <i>Lipids and Lipid Metabolism</i> , 1988 , 963, 558-61		170
422	In vitro and ex vivo anti-inflammatory activity of quercetin in healthy volunteers. <i>Nutrition</i> , 2008 , 24, 703-10	4.8	168
421	A new approach to assess the total antioxidant capacity using the TEAC assay. <i>Food Chemistry</i> , 2004 , 88, 567-570	8.5	166
420	Bioavailability of ferulic acid is determined by its bioaccessibility. <i>Journal of Cereal Science</i> , 2009 , 49, 296-300	3.8	158
419	The quercetin paradox. <i>Toxicology and Applied Pharmacology</i> , 2007 , 222, 89-96	4.6	157
418	Oxygen radicals in lung pathology. <i>Free Radical Biology and Medicine</i> , 1990 , 9, 381-400	7.8	157
417	Protection of flavonoids against lipid peroxidation: the structure activity relationship revisited. <i>Free Radical Research</i> , 2002 , 36, 575-81	4	153
416	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, 137-43	4.1	150
415	Quercetin reduces markers of oxidative stress and inflammation in sarcoidosis. <i>Clinical Nutrition</i> , 2011 , 30, 506-12	5.9	149
414	Protection against lipid peroxidation by a microsomal glutathione-dependent labile factor. <i>FEBS Letters</i> , 1983 , 159, 24-8	3.8	141
413	Protection against nitric oxide toxicity by tea. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 5768-72	3.7	138
412	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	10.2	135

411	Oxidized quercetin reacts with thiols rather than with ascorbate: implication for quercetin supplementation. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 308, 560-5	3.4	131
410	Use of telemetry to record electrocardiogram and heart rate in freely moving mice. <i>Journal of Pharmacological and Toxicological Methods</i> , 1993 , 30, 209-15	1.7	130
409	Oxidative stress and vascular function: implications for pharmacologic treatments. <i>Current Hypertension Reports</i> , 2010 , 12, 154-61	4.7	123
408	Peroxynitrite scavenging of flavonoids: structure activity relationship. <i>Environmental Toxicology and Pharmacology</i> , 2001 , 10, 199-206	5.8	120
407	New insights into controversies on the antioxidant potential of the olive oil antioxidant hydroxytyrosol. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7609-14	5.7	118
406	Ten misconceptions about antioxidants. <i>Trends in Pharmacological Sciences</i> , 2013 , 34, 430-6	13.2	116
405	Effect of oxidative stress on receptors and signal transmission. <i>Chemico-Biological Interactions</i> , 1992 , 85, 95-116	5	115
404	The widely used anesthetic agent propofol can replace alpha-tocopherol as an antioxidant. <i>FEBS Letters</i> , 1995 , 357, 83-5	3.8	114
403	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, 738-44	5.9	113
402	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, 30255-62	5.4	112
401	Lipoic acid: a multifunctional antioxidant. <i>BioFactors</i> , 2003 , 17, 207-13	6.1	111
400	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, 1303-11	4.1	107
399	Dietary flavones and flavonoles are inhibitors of poly(ADP-ribose)polymerase-1 in pulmonary epithelial cells. <i>Journal of Nutrition</i> , 2007 , 137, 2190-5	4.1	107
398	Multinational evidence-based World Association of Sarcoidosis and Other Granulomatous Disorders recommendations for the use of methotrexate in sarcoidosis: integrating systematic literature research and expert opinion of sarcoidologists worldwide. <i>Current Opinion in Pulmonary Medicine</i> , 2013 , 19, 545-61	3	105
397	Tetrahydrofolate and 5-methyltetrahydrofolate are folates with high antioxidant activity. Identification of the antioxidant pharmacophore. <i>FEBS Letters</i> , 2003 , 555, 601-5	3.8	102
396	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	8.5	101
395	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, 1714-22	4.1	99
394	Scavenging of hypochlorous acid by lipoic acid. <i>Biochemical Pharmacology</i> , 1991 , 42, 2244-6	6	99

393	The toxicity of antioxidants and their metabolites. <i>Environmental Toxicology and Pharmacology</i> , 2002 , 11, 251-8	5.8	97
392	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, 263-73	5.2	96
391	Telomere shortening in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2009 , 103, 230-6	4.6	95
390	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	3.2	95
389	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	11.5	93
388	Ferulic acid from aleurone determines the antioxidant potency of wheat grain (<i>Triticum aestivum</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 5589-94	5.7	92
387	Monitoring of oxidative free radical damage in vivo: analytical aspects. <i>Chemico-Biological Interactions</i> , 1992 , 82, 243-93	5	92
386	Role of reactive oxygen species in intestinal diseases. <i>Free Radical Biology and Medicine</i> , 1992 , 12, 499-513	3.8	91
385	Pitfalls in a method for assessment of total antioxidant capacity. <i>Free Radical Research</i> , 1997 , 26, 515-214		89
384	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	8.5	89
383	Decreased defence against free radicals in rat heart during normal reperfusion after hypoxic, ischemic and calcium-free perfusion. <i>Life Sciences</i> , 1984 , 35, 1281-8	6.8	88
382	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, 13-6	3.3	87
381	Antibiotics exposure and health risks: chloramphenicol. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 213-20	5.8	85
380	ATP-mediated activation of the NADPH oxidase DUOX1 mediates airway epithelial responses to bacterial stimuli. <i>Journal of Biological Chemistry</i> , 2009 , 284, 17858-67	5.4	85
379	A method for screening hypochlorous acid scavengers by inhibition of the oxidation of 5-thio-2-nitrobenzoic acid: application to anti-asthmatic drugs. <i>Analytical Biochemistry</i> , 1994 , 218, 377-81	3.1	82
378	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, 1065-74	6.9	79
377	Caffeine metabolites are inhibitors of the nuclear enzyme poly(ADP-ribose)polymerase-1 at physiological concentrations. <i>Biochemical Pharmacology</i> , 2006 , 72, 902-10	6	77
376	Erythritol is a sweet antioxidant. <i>Nutrition</i> , 2010 , 26, 449-58	4.8	73

375	Inhibition of LPS-induced pulmonary inflammation by specific flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 598-603	3.4	71
374	Doxorubicin-induced cardiotoxicity monitored by ECG in freely moving mice. A new model to test potential protectors. <i>Cancer Chemotherapy and Pharmacology</i> , 1996 , 38, 95-101	3.5	68
373	Review: Ischaemia-reperfusion injury in flap surgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009 , 62, 721-6	1.7	65
372	Protection by flavonoids against anthracycline cardiotoxicity: from chemistry to clinical trials. <i>Cardiovascular Toxicology</i> , 2007 , 7, 154-9	3.4	65
371	The cholesterol derivative 27-hydroxycholesterol reduces steatohepatitis in mice. <i>Gastroenterology</i> , 2013 , 144, 167-178.e1	13.3	64
370	Synthesis of novel 3,7-substituted-2-(3',4'-dihydroxyphenyl)flavones with improved antioxidant activity. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 3752-60	8.3	62
369	Tyrosine as important contributor to the antioxidant capacity of seminal plasma. <i>Chemico-Biological Interactions</i> , 2000 , 127, 151-61	5	61
368	Cimetidine and other H2 receptor antagonists as powerful hydroxyl radical scavengers. <i>Chemico-Biological Interactions</i> , 1993 , 86, 119-27	5	60
367	Plasticisers and bronchial hyperreactivity. <i>Lancet, The</i> , 1990 , 335, 725	4.0	60
366	Is formation of reactive oxygen by cytochrome P-450 perilous and predictable?. <i>Trends in Pharmacological Sciences</i> , 1986 , 7, 266-270	13.2	60
365	Pleiotropic benefit of monomeric and oligomeric flavanols on vascular health--a randomized controlled clinical pilot study. <i>PLoS ONE</i> , 2011 , 6, e28460	3.7	59
364	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, 147-53	5.3	58
363	Optimizing the bioactive potential of wheat bran by processing. <i>Food and Function</i> , 2012 , 3, 362-75	6.1	57
362	Short-term desensitization of the histamine H1 receptor in human HeLa cells: involvement of protein kinase C dependent and independent pathways. <i>British Journal of Pharmacology</i> , 1992 , 107, 448-55	8.6	57
361	Effects of histamine H1-, H2- and H3-receptor selective drugs on the mechanical activity of guinea-pig small and large intestine. <i>British Journal of Pharmacology</i> , 1991 , 102, 179-85	8.6	56
360	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, 1933-8	6	56
359	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	3.2	54
358	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, 449-56	4.1	54

357	The anti-inflammatory effect of lycopene complements the antioxidant action of ascorbic acid and β -tocopherol. <i>Food Chemistry</i> , 2012 , 132, 954-958	8.5	53
356	Characterization of the binding of the first selective radiolabelled histamine H3-receptor antagonist, [125I]-iodophenpropit, to rat brain. <i>British Journal of Pharmacology</i> , 1994 , 113, 355-62	8.6	53
355	Mineral dust exposure and free radical-mediated lung damage. <i>Experimental Lung Research</i> , 1990 , 16, 41-55	2.3	53
354	Effect of thiols on lipid peroxidation in rat liver microsomes. <i>Chemico-Biological Interactions</i> , 1989 , 71, 201-12	5	51
353	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	10.3	51
352	Apoptotic, inflammatory, and fibrogenic effects of two different types of multi-walled carbon nanotubes in mouse lung. <i>Archives of Toxicology</i> , 2014 , 88, 1725-37	5.8	50
351	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	3.6	50
350	Protectors against doxorubicin-induced cardiotoxicity: flavonoids. <i>Cell Biology and Toxicology</i> , 2007 , 23, 39-47	7.4	50
349	The reversibility of the glutathionyl-quercetin adduct spreads oxidized quercetin-induced toxicity. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 923-9	3.4	50
348	Systemic poly(ADP-ribose) polymerase-1 activation, chronic inflammation, and oxidative stress in COPD patients. <i>Free Radical Biology and Medicine</i> , 2003 , 35, 140-8	7.8	49
347	Inhibition of lipid peroxidation mediated by indolizines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 1829-32	2.9	48
346	Altered antioxidant status in peripheral skeletal muscle of patients with COPD. <i>Respiratory Medicine</i> , 2005 , 99, 118-25	4.6	48
345	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, 9636-50	4.8	46
344	Superoxide radicals increase transforming growth factor-beta1 and collagen release from human lung fibroblasts via cellular influx through chloride channels. <i>Toxicology and Applied Pharmacology</i> , 2009 , 237, 111-8	4.6	46
343	Antioxidant and anti-inflammatory capacity of bioaccessible compounds from wheat fractions after gastrointestinal digestion. <i>Journal of Cereal Science</i> , 2010 , 51, 110-114	3.8	46
342	Effect of vitamin E on glutathione-dependent enzymes. <i>Drug Metabolism Reviews</i> , 2003 , 35, 215-53	7	45
341	Immunoregulatory effects of adenosine 5'-triphosphate on cytokine release from stimulated whole blood. <i>European Journal of Immunology</i> , 2005 , 35, 852-8	6.1	45
340	Botanical health products, positioning and requirements for effective and safe use. <i>Environmental Toxicology and Pharmacology</i> , 2002 , 12, 195-211	5.8	45

339	Control of physical exercise of rats in a swimming basin. <i>Physiology and Behavior</i> , 1993 , 53, 271-6	3.5	45
338	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	5.3	45
337	Antioxidant status associated with inflammation in sarcoidosis: a potential role for antioxidants. <i>Respiratory Medicine</i> , 2009 , 103, 364-72	4.6	44
336	Deconjugation kinetics of glucuronidated phase II flavonoid metabolites by beta-glucuronidase from neutrophils. <i>Drug Metabolism and Pharmacokinetics</i> , 2010 , 25, 379-87	2.2	44
335	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, 721-30	5.7	44
334	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, 203-5	5.3	44
333	Inhibition of mono-oxygenase and oxidase activity of rat-hepatic cytochrome P-450 by H2-receptor blockers. <i>Xenobiotica</i> , 1984 , 14, 399-408	2	44
332	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, 279-84	5	43
331	Influence of lipid peroxidation on beta-adrenoceptors. <i>FEBS Letters</i> , 1986 , 198, 80-4	3.8	43
330	Time in Redox Adaptation Processes: From Evolution to Hormesis. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	43
329	The new cardioprotector Monohydroxyethylrutoside protects against doxorubicin-induced inflammatory effects in vitro. <i>British Journal of Cancer</i> , 2003 , 89, 357-62	8.7	42
328	Nitric oxide radical scavenging of flavonoids. <i>Methods in Enzymology</i> , 1999 , 301, 490-503	1.7	42
327	The shifting perception on antioxidants: the case of vitamin E and β -carotene. <i>Redox Biology</i> , 2015 , 4, 272-8	11.3	41
326	Tumour necrosis factor-alpha induces hyperreactivity in tracheal smooth muscle of the guinea-pig in vitro. <i>European Respiratory Journal</i> , 1998 , 12, 45-9	13.6	41
325	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	3.7	41
324	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	6	41
323	Pro-apoptotic effects of the flavonoid luteolin in rat H4IIE cells. <i>Toxicology</i> , 2005 , 206, 337-48	4.4	40
322	Monohydroxyethylrutoside as protector against chronic doxorubicin-induced cardiotoxicity. <i>British Journal of Pharmacology</i> , 1995 , 115, 1260-4	8.6	40

321	Atypical molecular pharmacology of a new long-acting beta 2-adrenoceptor agonist, TA 2005. <i>European Journal of Pharmacology</i> , 1992 , 227, 403-9		40
320	Enhancing and Extending Biological Performance and Resilience. <i>Dose-Response</i> , 2018 , 16, 155932581878450140		40
319	Determination of the antioxidant capacity in blood. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 735-40	5.9	39
318	Modulation of Glucokinase Regulatory Protein: A Double-Edged Sword?. <i>Trends in Molecular Medicine</i> , 2015 , 21, 583-594	11.5	38
317	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, 1084-9	8.7	38
316	Iron is not involved in oxidative stress-mediated cytotoxicity of doxorubicin and bleomycin. <i>British Journal of Pharmacology</i> , 2006 , 149, 920-30	8.6	38
315	Reduction of lipoic acid by lipoamide dehydrogenase. <i>Biochemical Pharmacology</i> , 1996 , 51, 233-8	6	38
314	Modulation of oxidative stress in the gastrointestinal tract and effect on rat intestinal motility. <i>Biochemical Pharmacology</i> , 1989 , 38, 2807-18	6	38
313	Sex differences in the cellular defence system against free radicals from oxygen or drug metabolites in rat. <i>Archives of Toxicology</i> , 1984 , 56, 83-6	5.8	38
312	Demanding safe foods Safety testing under the novel food regulation (2015/2283). <i>Trends in Food Science and Technology</i> , 2018 , 72, 125-133	15.3	37
311	Prediction of asthma exacerbations in children: results of a one-year prospective study. <i>Clinical and Experimental Allergy</i> , 2012 , 42, 792-8	4.1	37
310	Pleiotropic-acting nutrients require integrative investigational approaches: the example of flavonoids. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8941-6	5.7	37
309	A single session of resistance exercise induces oxidative damage in untrained men. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 2145-51	1.2	37
308	The disturbed redox-balance in pulmonary fibrosis is modulated by the plant flavonoid quercetin. <i>Toxicology and Applied Pharmacology</i> , 2017 , 336, 40-48	4.6	36
307	Oxidative stress and antioxidants in interstitial lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2010 , 16, 516-20	3	36
306	Exercise-induced oxidative stress in older adults as a function of habitual activity level. <i>Journal of the American Geriatrics Society</i> , 2002 , 50, 349-53	5.6	36
305	The extraordinary antioxidant activity of vitamin E phosphate. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004 , 1683, 16-21	5	36
304	Modulation of the in vitro cardiotoxicity of doxorubicin by flavonoids. <i>Cancer Chemotherapy and Pharmacology</i> , 1995 , 37, 55-62	3.5	36

303	Elevated citrate levels in non-alcoholic fatty liver disease: the potential of citrate to promote radical production. <i>FEBS Letters</i> , 2013 , 587, 2461-6	3.8	35
302	Antifibrotic and anticancer action of 5-ene amino/iminothiazolidinones. <i>European Journal of Medicinal Chemistry</i> , 2016 , 112, 180-195	6.8	34
301	Comparison of different iron chelators as protective agents against acute doxorubicin-induced cardiotoxicity. <i>Journal of Molecular and Cellular Cardiology</i> , 1994 , 26, 1179-85	5.8	34
300	A disbalance between beta-adrenergic and muscarinic responses caused by hydrogen peroxide in rat airways in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 145, 357-62	3.4	34
299	Silver nanoparticles induce hormesis in A549 human epithelial cells. <i>Toxicology in Vitro</i> , 2017 , 40, 223-233.6		33
298	Adverse food-drug interactions. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 859-65	3.4	33
297	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	4.4	33
296	An essential difference between the flavonoids monoHER and quercetin in their interplay with the endogenous antioxidant network. <i>PLoS ONE</i> , 2010 , 5, e13880	3.7	33
295	Rapid desensitization of the histamine H2 receptor on the human monocytic cell line U937. <i>European Journal of Pharmacology</i> , 1994 , 288, 17-25		33
294	International legislation on nutrition and health claims. <i>Food Policy</i> , 2015 , 55, 61-70	5	32
293	Clarifying the health claim assessment procedure of EFSA will benefit functional food innovation. <i>Journal of Functional Foods</i> , 2018 , 47, 386-396	5.1	32
292	Implementation of the nutrition and health claim regulation - the case of antioxidants. <i>Regulatory Toxicology and Pharmacology</i> , 2014 , 68, 475-87	3.4	32
291	Theophylline prevents NAD+ depletion via PARP-1 inhibition in human pulmonary epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1805-10	3.4	32
290	Superoxide dismutase: the balance between prevention and induction of oxidative damage. <i>Chemico-Biological Interactions</i> , 2003 , 145, 33-9	5	32
289	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	5.3	32
288	Lipoic acid favors thiolsulfinate formation after hypochlorous acid scavenging: a study with lipoic acid derivatives. <i>Archives of Biochemistry and Biophysics</i> , 1994 , 312, 114-20	4.1	32
287	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	6.8	32
286	The effect of chronic adriamycin treatment on heart kidney and liver tissue of male and female rat. <i>Archives of Toxicology</i> , 1988 , 61, 275-81	5.8	32

285	Poly (ADP-ribose) polymerase-1-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, 952-7	4.1	31
284	New synthetic flavonoids as potent protectors against doxorubicin-induced cardiotoxicity. <i>Free Radical Biology and Medicine</i> , 2001 , 31, 31-7	7.8	31
283	Contribution of 4-hydroxy-2,3-trans-nonenal to the reduction of beta-adrenoceptor function in the heart by oxidative stress. <i>Life Sciences</i> , 1989 , 45, 71-6	6.8	31
282	Reduction of beta-adrenoceptor function by oxidative stress in the heart. <i>Free Radical Biology and Medicine</i> , 1990 , 9, 279-88	7.8	31
281	Neutrophils augment LPS-mediated pro-inflammatory signaling in human lung epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 1151-62	4.9	30
280	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, G354-9	5.1	30
279	Histamine H1-receptor-mediated cyclic GMP production in guinea-pig lung tissue is an L-arginine-dependent process. <i>Biochemical Pharmacology</i> , 1991 , 42, 271-7	6	30
278	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	4.3	29
277	The role of lipoic acid in the treatment of diabetic polyneuropathy. <i>Drug Metabolism Reviews</i> , 1997 , 29, 1025-54	7	29
276	Structure and activity in assessing antioxidant activity in vitro and in vivo A critical appraisal illustrated with the flavonoids. <i>Environmental Toxicology and Pharmacology</i> , 2006 , 21, 191-8	5.8	29
275	Lipoic acid protects efficiently only against a specific form of peroxynitrite-induced damage. <i>Journal of Biological Chemistry</i> , 2004 , 279, 9693-7	5.4	29
274	Lecithinized copper,zinc-superoxide dismutase as a protector against doxorubicin-induced cardiotoxicity in mice. <i>Toxicology and Applied Pharmacology</i> , 2004 , 194, 180-8	4.6	29
273	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, 2745-53	6	29
272	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, 1213-9	4.1	28
271	Molecular pharmacological aspects of antiarrhythmic activity. I. Class I and class III compounds and lipid peroxidation. <i>Biochemical Pharmacology</i> , 1990 , 39, 95-100	6	28
270	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, 139-49	4.4	27
269	Systemic and pulmonary oxidative stress after single-leg exercise in COPD. <i>Chest</i> , 2009 , 136, 1291-1300	5.3	27
268	Role of superoxide anion on basal and stimulated nitric oxide activity in neonatal piglet pulmonary vessels. <i>Pediatric Research</i> , 2003 , 54, 372-81	3.2	27

267	Sustained protective effects of 7-monoxyethylrutin in an in vivo model of cardiac ischemia-reperfusion. <i>European Journal of Pharmacology</i> , 2004 , 494, 205-12	5.3	27
266	Thiazoloindans and thiazolobenzopyrans: a novel class of orally active central dopamine (partial) agonists. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 3549-57	8.3	27
265	Effect of bioprocessing of wheat bran in wholemeal wheat breads on the colonic SCFA production in vitro and postprandial plasma concentrations in men. <i>Food Chemistry</i> , 2011 , 128, 404-9	8.5	26
264	Anti-inflammatory agents and monoHER protect against DOX-induced cardiotoxicity and accumulation of CML in mice. <i>British Journal of Cancer</i> , 2007 , 96, 937-43	8.7	26
263	Inhibition of various glutathione S-transferase isoenzymes by RRR-alpha-tocopherol. <i>Toxicology in Vitro</i> , 2003 , 17, 245-51	3.6	26
262	The effect of hydrogen peroxide on beta-adrenoceptor function in the heart. <i>Free Radical Research Communications</i> , 1988 , 4, 243-9		26
261	Accelerated aging during chronic oxidative stress: a role for PARP-1. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 680414	6.7	25
260	New iron chelators in anthracycline-induced cardiotoxicity. <i>Cardiovascular Toxicology</i> , 2007 , 7, 145-50	3.4	25
259	Changes in inositol-1,4,5-trisphosphate binding to hepatic plasma membranes caused by temperature, N-ethylmaleimide and menadione. <i>Biochemical Pharmacology</i> , 1990 , 40, 1947-52	6	25
258	Synthesis of 5-substituted pyrrolo[1,2-b]pyridazines with antioxidant properties. <i>Archiv Der Pharmazie</i> , 2001 , 334, 21-4	4.3	24
257	Psychological job demands as a risk factor for common cold in a Dutch working population. <i>Journal of Psychosomatic Research</i> , 2001 , 50, 21-7	4.1	24
256	High affinity, saturable [3H]mepyramine binding sites on rat liver plasma membrane do not represent histamine H1-receptors. A warning. <i>Biochemical Pharmacology</i> , 1989 , 38, 2175-80	6	24
255	Rutin protects against HO ₂ -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	4	23
254	Astaxanthin supplementation does not augment fat use or improve endurance performance. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1158-65	1.2	23
253	A phase I study of monoxyethylrutin in healthy volunteers. <i>Cancer Chemotherapy and Pharmacology</i> , 2006 , 57, 678-84	3.5	23
252	Efficacy of HOCl scavenging by sulfur-containing compounds: antioxidant activity of glutathione disulfide?. <i>Biological Chemistry</i> , 2002 , 383, 709-13	4.5	23
251	Differential sensitivity to hydrogen peroxide of dopaminergic and noradrenergic neurotransmission in rat brain slices. <i>Free Radical Biology and Medicine</i> , 1995 , 19, 209-17	7.8	23
250	Adaptation to acrolein through upregulating the protection by glutathione in human bronchial epithelial cells: the materialization of the hormesis concept. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 1029-34	3.4	22

249	Glutathione revisited: a better scavenger than previously thought. <i>Frontiers in Pharmacology</i> , 2014 , 5, 260	5.6	22
248	Ambient particulate matter induces relaxation of rat aortic rings in vitro. <i>Human and Experimental Toxicology</i> , 2001 , 20, 259-65	3.4	22
247	The cocoa flavanol (-)-epicatechin protects the cortisol response. <i>Pharmacological Research</i> , 2014 , 79, 28-33	10.2	21
246	Oral bioavailability of ATP after prolonged administration. <i>British Journal of Nutrition</i> , 2011 , 105, 357-66	3.6	21
245	Inhibition of nitric oxide synthase by nasal decongestants. <i>European Respiratory Journal</i> , 2000 , 16, 437-44	3.6	21
244	alpha-Tocopherol inhibits human glutathione S-transferase pi. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 280, 631-3	3.4	21
243	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	7.2	21
242	Reaction of lipoic acid with ebselen and hypochlorous acid. <i>Methods in Enzymology</i> , 1995 , 251, 303-14	1.7	21
241	The effect of ischemia and recirculation, hypoxia and recovery on anti-oxidant factors and beta-adrenoceptor density. Is the damage in the erythrocytes a reflection of brain damage caused by complete cerebral ischemia and by hypoxia?. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 149, 568-75	3.4	21
240	H3 receptor assay in electrically-stimulated superfused slices of rat brain cortex; effects of N alpha-alkylated histamines and impromidine analogues. <i>Agents and Actions</i> , 1987 , 20, 239-43		21
239	Cytochrome P450 oxidase activity and its role in NADPH dependent lipid peroxidation. <i>FEBS Letters</i> , 1983 , 151, 185-8	3.8	21
238	Dietary Advanced Glycation Endproducts Induce an Inflammatory Response in Human Macrophages in Vitro. <i>Nutrients</i> , 2018 , 10,	6.7	21
237	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	4.5	20
236	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, 140-4	5.3	20
235	Chorioamnionitis induced hepatic inflammation and disturbed lipid metabolism in fetal sheep. <i>Pediatric Research</i> , 2010 , 68, 466-72	3.2	20
234	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	2.4	20
233	Free radicals in exhaled breath condensate in cystic fibrosis and healthy subjects. <i>Free Radical Research</i> , 2006 , 40, 901-9	4	20
232	Inhibition of human glutathione S-transferase P1-1 by tocopherols and alpha-tocopherol derivatives. <i>BBA - Proteins and Proteomics</i> , 2001 , 1548, 23-8		20

231	Nitric Oxide Radical Scavenging by Wines. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 3733-3734	4.7	20
230	Copper complexes of 1,10-phenanthroline and related compounds as superoxide dismutase mimetics. <i>Journal of Inorganic Biochemistry</i> , 1990 , 40, 237-44	4.2	20
229	Activation of the microsomal glutathione S-transferase by metabolites of alpha-methyldopa. <i>Archives of Biochemistry and Biophysics</i> , 1991 , 287, 48-52	4.1	20
228	Red blood cell anti-oxidant parameters in healthy elderly subjects versus silicosis patients. <i>Free Radical Research Communications</i> , 1987 , 3, 117-27		20
227	Adriamycin stimulates NADPH-dependent lipid peroxidation in liver microsomes not only by enhancing the production of O ₂ and H ₂ O ₂ , but also by potentiating the catalytic activity of ferrous ions. <i>Toxicology Letters</i> , 1984 , 22, 153-9	4.4	20
226	Valorized Food Processing By-Products in the EU: Finding the Balance between Safety, Nutrition, and Sustainability. <i>Sustainability</i> , 2021 , 13, 4428	3.6	20
225	A method for measuring nitric oxide radical scavenging activity. Scavenging properties of sulfur-containing compounds. <i>International Journal of Clinical Pharmacy</i> , 1997 , 19, 283-6		19
224	Caspase-dependent and -independent suppression of apoptosis by monoHER in Doxorubicin treated cells. <i>British Journal of Cancer</i> , 2007 , 96, 450-6	8.7	19
223	The interaction of tea flavonoids with the NO-system: discrimination between good and bad NO. <i>Food Chemistry</i> , 2000 , 70, 365-370	8.5	19
222	Changes in receptor response by the effect of disease on membrane fluidity. <i>Medical Hypotheses</i> , 1989 , 28, 169-71	3.8	19
221	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, 881-8	8.6	19
220	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, 747-51	6	19
219	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, 165-73	4	19
218	Active ingredients leading in health claims on functional foods. <i>Journal of Functional Foods</i> , 2016 , 20, 587-593	5.1	18
217	Adenosine 5'-triphosphate (ATP) supplements are not orally bioavailable: a randomized, placebo-controlled cross-over trial in healthy humans. <i>Journal of the International Society of Sports Nutrition</i> , 2012 , 9, 16	4.5	18
216	Radioprotective effects of ATP in human blood ex vivo. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 367, 383-7	3.4	18
215	Effect of increased vegetable and fruit consumption on plasma folate and homocysteine concentrations. <i>Nutrition</i> , 2007 , 23, 97-102	4.8	18
214	Extracellular ATP elevates cytoplasmic free Ca ²⁺ in HeLa cells by the interaction with a 5'-nucleotide receptor. <i>European Journal of Pharmacology</i> , 1993 , 247, 223-6		18

213	The effects of 4-hydroxy-2,3-trans-nonanal on beta-adrenoceptors of rat lung membranes. <i>Chemico-Biological Interactions</i> , 1986 , 59, 211-8	5	18
212	Alpha-tocopheryl phosphate is a novel apoptotic agent. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 2013-9		18
211	Health effects of erythritol. <i>Nutrafoods</i> , 2015 , 14, 3-9		17
210	Protective Pleiotropic Effect of Flavonoids on NAD ⁺ Levels in Endothelial Cells Exposed to High Glucose. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 894597	6.7	17
209	Competition between ascorbate and glutathione for the oxidized form of methylated quercetin metabolites and analogues: tamarixetin, 4'-O-methylquercetin, has the lowest thiol reactivity. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 9292-7	5.7	17
208	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, 461-7	2.3	17
207	Hypochlorous acid is a potent inhibitor of acetylcholinesterase. <i>Toxicology and Applied Pharmacology</i> , 2002 , 181, 228-32	4.6	17
206	Tocotrienols inhibit human glutathione S-transferase P1-1. <i>IUBMB Life</i> , 2002 , 54, 81-4	4.7	17
205	Evidence for lipid peroxidation during the calcium paradox in vitamin E-deficient rat heart. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1984 , 326, 87-9	3.4	17
204	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, 111-6	3.6	17
203	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	4.9	16
202	Stakeholders' perception of the nutrition and health claim regulation. <i>International Journal of Food Sciences and Nutrition</i> , 2015 , 66, 321-8	3.7	16
201	Protection against chemotaxis in the anti-inflammatory effect of bioactives from tomato ketchup. <i>PLoS ONE</i> , 2014 , 9, e114387	3.7	16
200	Characterization of the glutathione conjugate of the semisynthetic flavonoid monoHER. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 1567-73	7.8	16
199	Peroxynitrite Scavenging by Wines. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 3357-3358	5.7	16
198	Purinergic receptors involved in the immunomodulatory effects of ATP in human blood. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 348, 1194-9	3.4	16
197	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	6	16
196	Effect of dimethyl sulfoxide (DMSO) on the electrocardiogram (ECG) in freely moving male Balb/c mice. <i>General Pharmacology</i> , 1995 , 26, 1403-7		16

195	Anti-oxidant actions of oxymethazoline and xylomethazoline. <i>European Journal of Pharmacology</i> , 1995 , 291, 27-31		16
194	Structural characteristics of histamine H2 receptor antagonists that scavenge hypochlorous acid. <i>European Journal of Pharmacology</i> , 1994 , 268, 89-93		16
193	Prejunctional muscarinic receptors on cholinergic nerves in guinea pig airways are of the M2 subtype. <i>European Journal of Pharmacology</i> , 1991 , 193, 117-9	5.3	16
192	Homologous histamine H1 receptor desensitization results in reduction of H1 receptor agonist efficacy. <i>European Journal of Pharmacology</i> , 1991 , 196, 319-22	5.3	16
191	Hydroxyl radicals are not involved in NADPH dependent microsomal lipid peroxidation. <i>Experientia</i> , 1986 , 42, 555-6		16
190	Product inhibition during the hepatic microsomal N-demethylation of aminopyrine in the rat. <i>Biochemical Pharmacology</i> , 1981 , 30, 19-24	6	16
189	Paracetamol as a Post Prandial Marker for Gastric Emptying, A Food-Drug Interaction on Absorption. <i>PLoS ONE</i> , 2015 , 10, e0136618	3.7	16
188	Strength of microbeads for the encapsulation of heat sensitive, hydrophobic components. <i>Food Hydrocolloids</i> , 2016 , 56, 318-324	10.6	15
187	The flavonoid 7-mono-O-(β -hydroxyethyl)-rutoside is able to protect endothelial cells by a direct antioxidant effect. <i>Toxicology in Vitro</i> , 2014 , 28, 538-43	3.6	15
186	The effect of Amaranth oil on monolayers of artificial lipids and hepatocyte plasma membranes with adrenalin-induced stress. <i>Food Chemistry</i> , 2014 , 147, 152-9	8.5	15
185	An essential difference in the reactivity of the glutathione adducts of the structurally closely related flavonoids monoHER and quercetin. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 2118-23	7.8	15
184	Interstitial lung damage due to cocaine abuse: pathogenesis, pharmacogenomics and therapy. <i>Current Medicinal Chemistry</i> , 2012 , 19, 5607-11	4.3	15
183	Flavone as PARP-1 inhibitor: its effect on lipopolysaccharide induced gene-expression. <i>European Journal of Pharmacology</i> , 2007 , 573, 241-8	5.3	15
182	Nuclear factor-kappaB activation is higher in peripheral blood mononuclear cells of male smokers. <i>Environmental Toxicology and Pharmacology</i> , 2001 , 9, 147-151	5.8	15
181	Analysis and pharmacokinetics of N-l-leucyldoxorubicin and metabolites in tissues of tumor-bearing BALB/c mice. <i>Cancer Chemotherapy and Pharmacology</i> , 1992 , 31, 156-60	3.5	15
180	The dietary antioxidant quercetin reduces hallmarks of bleomycin-induced lung fibrogenesis in mice. <i>BMC Pulmonary Medicine</i> , 2020 , 20, 112	3.5	14
179	Oxyphytosterol formation in humans: identification of high vs. low oxidizers. <i>Biochemical Pharmacology</i> , 2013 , 86, 19-25	6	14
178	Oxidative degradation of lipids during mashing. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7010-4	5.7	14

177	Long-term effects of 7-monoxyethylrutin (monoHER) on DOX-induced cardiotoxicity in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2007 , 60, 509-14	3.5	14
176	(-)-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	6	14
175	Placental Mitochondrial Abnormalities in Preeclampsia. <i>Reproductive Sciences</i> , 2021 , 28, 2186-2199	3	14
174	Gastrointestinal digestion of dietary advanced glycation endproducts using an in vitro model of the gastrointestinal tract (TIM-1). <i>Food and Function</i> , 2020 , 11, 6297-6307	6.1	13
173	The anti-inflammatory efficacy of dexamethasone is protected by (-)-epicatechin. <i>PharmaNutrition</i> , 2014 , 2, 47-52	2.9	13
172	The flavonoid monoHER prevents monocrotaline-induced hepatic sinusoidal injury in rats. <i>Journal of Surgical Oncology</i> , 2012 , 106, 72-8	2.8	13
171	Multi-targeted mechanisms underlying the endothelial protective effects of the diabetic-safe sweetener erythritol. <i>PLoS ONE</i> , 2013 , 8, e65741	3.7	13
170	A comparative study between catalase gene therapy and the cardioprotector monoxyethylrutin (MonoHER) in protecting against doxorubicin-induced cardiotoxicity in vitro. <i>British Journal of Cancer</i> , 2003 , 89, 2140-6	8.7	13
169	Hypochlorous acid is a potent inhibitor of GST P1-1. <i>Chemico-Biological Interactions</i> , 2001 , 138, 77-83	5	13
168	Effect of antioxidant supplementation on exercise-induced cardiac troponin release in cyclists: a randomized trial. <i>PLoS ONE</i> , 2013 , 8, e79280	3.7	13
167	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	2.9	12
166	Permeation of probe molecules into alginate microbeads: Effect of salt and processing. <i>Food Hydrocolloids</i> , 2017 , 73, 255-261	10.6	12
165	Critical appraisal of 13C breath tests for microsomal liver function: aminopyrine revisited. <i>Liver International</i> , 2014 , 34, 487-94	7.9	12
164	Evaluation of the accuracy of antioxidant competition assays: incorrect assumptions with major impact. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 135-44	7.8	12
163	ATP sensitizes H460 lung carcinoma cells to cisplatin-induced apoptosis. <i>Chemico-Biological Interactions</i> , 2010 , 184, 338-45	5	12
162	Time-dependent effects of ATP and its degradation products on inflammatory markers in human blood ex vivo. <i>Immunobiology</i> , 2008 , 213, 389-97	3.4	12
161	Damage to lung epithelial cells and lining fluid antioxidant defense by humic acid. <i>Environmental Toxicology and Pharmacology</i> , 2008 , 26, 96-101	5.8	12
160	No role of DT-diaphorase (NQO1) in the protection against oxidized quercetin. <i>FEBS Letters</i> , 2005 , 579, 677-82	3.8	12

159	No reduction of alpha-tocopherol quinone by glutathione in rat liver microsomes. <i>Biochemical Pharmacology</i> , 2001 , 61, 715-9	6	12
158	Oral endotracheal intubation of guinea pigs. <i>Laboratory Animals</i> , 1998 , 32, 162-4	2.6	12
157	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, 784-90	3.4	12
156	The Molecular Mechanisms of Adaptive Response Related to Environmental Stress. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
155	Paraquat disrupts the anti-inflammatory action of cortisol in human macrophages : therapeutic implications for paraquat intoxications. <i>Toxicology Research</i> , 2017 , 6, 232-241	2.6	11
154	Nutrition and health ¶transforming research traditions. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 1074-80	11.5	11
153	The tobacco smoke component acrolein induces glucocorticoid resistant gene expression via inhibition of histone deacetylase. <i>Toxicology Letters</i> , 2016 , 240, 43-9	4.4	11
152	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	3.7	11
151	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, 7475-84	6.3	11
150	The semisynthetic flavonoid monoHER sensitises human soft tissue sarcoma cells to doxorubicin-induced apoptosis via inhibition of nuclear factor- κ B. <i>British Journal of Cancer</i> , 2011 , 104, 437-40	8.7	11
149	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, 245-50	2.2	11
148	Relaxant effects of estradiol through non-genomic pathways in male and female pig bladder smooth muscle. <i>Pharmacology</i> , 2004 , 72, 121-7	2.3	11
147	Progressively motile human spermatozoa are well protected against in vitro lipid peroxidation imposed by induced oxidative stress. <i>Andrologia</i> , 2001 , 33, 151-8	2.4	11
146	The effects of cimetidine, ranitidine and famotidine on rat hepatic microsomal cytochrome P-450 activities. <i>Agents and Actions</i> , 1989 , 27, 188-91		11
145	Vitamin E and selenium regulate balance between beta-adrenergic and muscarinic responses in rat lungs. <i>FEBS Letters</i> , 1988 , 233, 427-31	3.8	11
144	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, 153-9	4.4	11
143	The supplement-drug interaction of quercetin with tamsulosin on vasorelaxation. <i>European Journal of Pharmacology</i> , 2015 , 746, 132-7	5.3	10
142	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, 53-8	4	10

141	Gene expression in human small intestinal mucosa in vivo is mediated by iron-induced oxidative stress. <i>Physiological Genomics</i> , 2006 , 25, 242-9	3.6	10
140	The effects of radical stress and N-ethylmaleimide on rat hepatic alpha 1-adrenergic receptors. <i>Toxicology Letters</i> , 1989 , 45, 73-82	4.4	10
139	Relationship between molecular structure and cytochrome P450-metabolic intermediate complex formation, studied with orphenadrine analogues. <i>Journal of Pharmaceutical Sciences</i> , 1984 , 73, 953-6	3.9	10
138	Immunomodulating Effects of Fungal Beta-Glucans: From Traditional Use to Medicine. <i>Nutrients</i> , 2021 , 13,	6.7	10
137	The effect of dietary components on inflammatory lung diseases - a literature review. <i>International Journal of Food Sciences and Nutrition</i> , 2017 , 68, 771-787	3.7	9
136	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	16.4	9
135	Effect of Ne-carboxymethyllysine on oxidative stress and the glutathione system in beta cells. <i>Toxicology Reports</i> , 2014 , 1, 973-980	4.8	9
134	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	3.5	9
133	Bioavailability and pharmacokinetics of the cardioprotecting flavonoid 7-monohydroxyethylrutoside in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2003 , 52, 371-6	3.5	9
132	Lack of inhibition of endothelial nitric oxide synthase in the isolated rat aorta by doxorubicin. <i>Toxicology in Vitro</i> , 2003 , 17, 165-7	3.6	9
131	Exercise training and oxidative stress in the elderly as measured by antipyrine hydroxylation products. <i>Free Radical Research</i> , 2001 , 35, 435-43	4	9
130	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	2.7	9
129	The Role of Circulating Lycopene in Low-Grade Chronic Inflammation: A Systematic Review of the Literature. <i>Molecules</i> , 2020 , 25,	4.8	9
128	Pharmacogenetic variants and vitamin K deficiency: a risk factor or trigger for fibrosing interstitial pneumonias?. <i>Current Opinion in Pulmonary Medicine</i> , 2018 , 24, 287-295	3	8
127	Lipase diffusion in oil-filled, alginate micro- and macrobeads. <i>Food Hydrocolloids</i> , 2018 , 85, 242-247	10.6	8
126	Diffuse alveolar hemorrhage in coumarin users: a fibrosing interstitial pneumonia trigger?. <i>Lung</i> , 2013 , 191, 53-9	2.9	8
125	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> , 1990 , 42, 831-6	4.8	8
124	Inhibition of acute pulmonary and systemic inflammation by 1,7-dimethylxanthine. <i>European Journal of Pharmacology</i> , 2010 , 629, 132-9	5.3	8

123	Decreased first trimester uric acid production in future preeclamptic patients. <i>Journal of Perinatal Medicine</i> , 1997 , 25, 347-52	2.7	8
122	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, 306-10	3.5	8
121	Stability of monoHER in an aqueous formulation for i.v. administration. <i>International Journal of Pharmaceutics</i> , 2000 , 211, 51-6	6.5	8
120	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, 180-3		8
119	Hydrogen peroxide reduces beta-adrenoceptor function in the rat small intestine. <i>European Journal of Pharmacology</i> , 1991 , 199, 153-6	5.3	8
118	Studies on the active molecular species of the H2 receptor antagonists cimetidine and mifentidine. <i>Journal of Medicinal Chemistry</i> , 1987 , 30, 208-11	8.3	8
117	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	6.3	8
116	The flavonoid monoHER promotes the adaption to oxidative stress during the onset of NAFLD. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 456, 179-82	3.4	7
115	Dietary supplement intake during pregnancy; better safe than sorry?. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 95, 442-447	3.4	7
114	Anticholinergic Accumulation: A Slumbering Interaction between Drugs and Food Supplements. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 117, 427-32	3.1	7
113	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, 852-9	6.1	7
112	Identification of the metabolites of the antioxidant flavonoid 7-mono-O-(β-hydroxyethyl)-rutoside in mice. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 750-6	4	7
111	Cat litter is a possible trigger for sarcoidosis. <i>European Respiratory Journal</i> , 2012 , 39, 221-2	13.6	7
110	Metabolic and functional effects of glutamate intake in patients with chronic obstructive pulmonary disease (COPD). <i>Clinical Nutrition</i> , 2008 , 27, 408-15	5.9	7
109	Galangin protects pig detrusor nerves from repetitive field stimulation and anoxia/glucopenia injury. <i>Urology</i> , 2005 , 66, 1327-31	1.6	7
108	The protective effect of cardiac gene transfer of CuZn-sod in comparison with the cardioprotector monohydroxyethylrutoside against doxorubicin-induced cardiotoxicity in cultured cells. <i>Cancer Gene Therapy</i> , 2003 , 10, 270-7	5.4	7
107	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, 569-75	3.6	7
106	Intestinal smooth muscle dysfunction after intraperitoneal injection of zymosan in the rat: are oxygen radicals involved?. <i>Gut</i> , 1992 , 33, 336-41	19.2	7

105	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, 159-67		7
104	Dependence of hydrogen peroxide formation in rat liver microsomes on the molecular structure of cytochrome P-450 substrates: a study with barbiturates and beta-adrenoceptor antagonists. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1989 , 14, 93-100	2.7	7
103	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, 117-27	5	7
102	Dose-dependent kinetics of aminopyrine metabolism in the rat caused by product inhibition and determined by capillary GLC. <i>Pharmacology</i> , 1982 , 25, 130-7	2.3	7
101	Drug-induced interstitial lung disease: role of pharmacogenetics in predicting cytotoxic mechanisms and risks of side effects. <i>Current Opinion in Pulmonary Medicine</i> , 2019 , 25, 468-477	3	7
100	Hypoxia-induced mitochondrial abnormalities in cells of the placenta. <i>PLoS ONE</i> , 2021 , 16, e0245155	3.7	7
99	The direct and sustained consequences of severe placental hypoxia on vascular contractility. <i>PLoS ONE</i> , 2018 , 13, e0202648	3.7	7
98	Inter-individual differences in pharmacokinetics of vitamin B6: A possible explanation of different sensitivity to its neuropathic effects. <i>PharmaNutrition</i> , 2020 , 12, 100188	2.9	6
97	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, 355-61	4.3	6
96	Why RDAs and ULs are incompatible standards in the U-shape micronutrient model: a philosophically orientated analysis of micronutrients' standardizations. <i>Risk Analysis</i> , 2008 , 28, 1639-52	3.9	6
95	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, 291-8	2.6	6
94	Exercise-induced oxidative stress in older adults as measured by antipyrine oxidation. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 1484-8	12.7	6
93	Screening of cattle urine samples for the presence of beta-agonists with a functional test: some preliminary results. <i>Analyst, The</i> , 1994 , 119, 2667-70	5	6
92	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, 41-8		6
91	Dietary Advanced Glycation Endproducts and the Gastrointestinal Tract. <i>Nutrients</i> , 2020 , 12,	6.7	6
90	Should botanical health claims be substantiated with evidence on traditional use? Reviewing the stakeholders arguments. <i>PharmaNutrition</i> , 2020 , 14, 100232	2.9	5
89	"You Can't Always Get What You Want" - Linearity as the Golden Ratio of Toxicology. <i>Dose-Response</i> , 2014 , 12, 664-72	2.3	5
88	Changes in neuroreceptor function of tracheal smooth muscle following acute ozone exposure of guinea pigs. <i>Toxicology</i> , 1997 , 120, 159-69	4.4	5

87	Hormesis in precautionary regulatory culture: models preferences and the advancement of science. <i>Human and Experimental Toxicology</i> , 2007 , 26, 855-73	3.4	5
86	Nitric oxide synthase inhibition by dimaprit and dimaprit analogues. <i>British Journal of Pharmacology</i> , 1999 , 127, 331-4	8.6	5
85	Antioxidants in IVF culture media. <i>Human Reproduction</i> , 1995 , 10, 696-8	5.7	5
84	Histamine as a marker for hydroxyl radicals. <i>Mediators of Inflammation</i> , 1995 , 4, 339-43	4.3	5
83	Desensitization of histamine H1 receptor-mediated cyclic GMP production in guinea-pig lung. <i>European Journal of Pharmacology</i> , 1992 , 225, 137-41		5
82	Analysis of anthracycline antitumour drugs in tissues and body fluids using liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 1993 , 12, 422-428	14.6	5
81	Ebselen inhibits contractile responses of guinea-pig parenchymal lung strips. <i>European Journal of Pharmacology</i> , 1990 , 179, 193-9	5.3	5
80	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		5
79	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, 131-7	5.8	5
78	The contribution of the major metabolite 4'-O-methylmonoHER to the antioxidant activity of the flavonoid monoHER. <i>Chemico-Biological Interactions</i> , 2015 , 239, 146-52	5	4
77	Dietary Advanced Glycation Endproducts Decrease Glucocorticoid Sensitivity In Vitro. <i>Nutrients</i> , 2020 , 12,	6.7	4
76	Allergens of permanent hair dyes induces epidermal damage, skin barrier loss and IL-1 β increase in epidermal in vitro model. <i>Food and Chemical Toxicology</i> , 2018 , 112, 265-272	4.7	4
75	Chemicals and health - thought for food. <i>Dose-Response</i> , 2012 , 11, 295-300	2.3	4
74	Of reductionism and the pendulum swing: connecting toxicology and human health. <i>Dose-Response</i> , 2012 , 10, 155-76	2.3	4
73	Combined non-enzymatic and enzymatic reduction favors bioactivation of racemic lipoic acid: an advantage of a racemic drug? 1997 , 9, 362-366		4
72	The thiol reactivity of the oxidation product of 3,5,7-trihydroxy-4H-chromen-4-one containing flavonoids. <i>Toxicology Letters</i> , 2004 , 151, 105-11	4.4	4
71	Glutathione mobilization during cerebral ischemia and reperfusion in the rat. <i>General Pharmacology</i> , 1992 , 23, 105-8		4
70	Labelling of non-H1-receptor binding sites by [3H]-mepyramine on the rat liver plasma membrane. <i>Agents and Actions</i> , 1990 , 30, 157-60		4

69	Molecular pharmacological aspects of antiarrhythmic activity, II: Interaction of class I compounds with calmodulin. <i>Archiv Der Pharmazie</i> , 1990 , 323, 487-91	4.3	4
68	Fluoride is a contractile agent of guinea pig airway smooth muscle. <i>General Pharmacology</i> , 1991 , 22, 631-6		4
67	Non-enzymic lipid peroxidation in microsomes and microsomal phospholipids induced by anthracyclines. <i>Free Radical Research Communications</i> , 1986 , 1, 369-78		4
66	Is intestinal oxidative stress involved in patients with compensated liver cirrhosis?. <i>Annals of Hepatology</i> , 2016 , 15, 402-9	3.1	4
65	Nutrition and corticosteroids in the treatment of sarcoidosis. <i>Current Opinion in Pulmonary Medicine</i> , 2018 , 24, 479-486	3	4
64	Pro- and anti-oxidant factors in rat lung cytosol. <i>Advances in Experimental Medicine and Biology</i> , 1990 , 264, 455-61	3.6	4
63	Acute exposure to ozone does not influence neuroreceptor density and sensitivity in guinea pig lung. <i>Toxicology Letters</i> , 1997 , 90, 53-60	4.4	3
62	Decreased hepatosplanchnic antioxidant uptake during hepatic ischaemia/reperfusion in patients undergoing liver resection. <i>Clinical Science</i> , 2008 , 114, 553-60	6.5	3
61	Cytochrome P-450 metabolic-intermediate complex formation with a series of diphenhydramine analogues. <i>Agents and Actions</i> , 1990 , 30, 161-5		3
60	Autoinhibition of histamine release by H3 receptors in rat brain cortex depends on stimulation frequency. <i>Agents and Actions</i> , 1990 , 30, 206-9		3
59	Identification of beta 2-adrenoceptors on guinea pig alveolar macrophages using (-)-3-[125I]iodocyanopindolol. <i>Inflammation</i> , 1990 , 14, 421-6	5.1	3
58	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, 1772-6	8.3	3
57	Are the imidazoles of cimetidine and mifentidine bioisostere?. <i>European Journal of Medicinal Chemistry</i> , 1988 , 23, 267-273	6.8	3
56	Haemodynamic effects of the flavonoid quercetin in rats revisited. <i>British Journal of Pharmacology</i> , 2020 , 177, 1841-1852	8.6	3
55	Pulmonary toxicity associated with occupational and environmental exposure to pesticides and herbicides. <i>Current Opinion in Pulmonary Medicine</i> , 2021 , 27, 278-283	3	3
54	Protective role of c-Jun N-terminal kinase-2 (JNK2) in ibuprofen-induced acute liver injury. <i>Journal of Pathology</i> , 2019 , 247, 110-122	9.4	3
53	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	5	3
52	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	1.2	3

51	Cytochrome P-450 and Vitamin E Free Radical Reductase: Formation of and Protection Against Free Radicals 1990 , 359-370		3
50	Towards improved pharmacotherapy in pulmonary arterial hypertension. Can diet play a role?. <i>Clinical Nutrition ESPEN</i> , 2019 , 30, 159-169	1.3	2
49	and Polymorphisms: A Case Report in a Dutch Family with Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
48	Chemical characteristics for optimizing CYP2E1 inhibition. <i>Chemico-Biological Interactions</i> , 2015 , 242, 139-44	5	2
47	Tamsulosin Associated with Interstitial Lung Damage in CYP2D6 Variant Alleles Carriers. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
46	Interaction of uridine 5'-diphosphoglucuronic acid (UDPGA) with cytochrome P 450. <i>Journal of Pharmacy and Pharmacology</i> , 1983 , 35, 522-3	4.8	2
45	Capsaicin treatment induces muscarinic hyperreactivity in guinea pig trachea: a warning. <i>European Journal of Pharmacology</i> , 1998 , 347, 261-4	5.3	2
44	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	5.1	2
43	Structural features of some diphenhydramine analogues that determine the interaction with rat liver cytochrome P-450. <i>Agents and Actions</i> , 1989 , 27, 184-7		2
42	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, 169-73		2
41	Menadione inhibits the alpha 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, 1977-86	6	2
40	The effects of beta-adrenergic receptor agonists on the H ₂ O ₂ formation in alveolar macrophage suspensions are not mediated by beta-receptors. <i>Agents and Actions</i> , 1988 , 25, 375-7		2
39	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	5.2	2
38	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	3	1
37	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,	6.7	1
36	From Pretaster to Toxicologist 2017 , 1-12		1
35	Structure engineering of filled protein microbeads to tailor release of oil droplets in gastric digestion. <i>Food and Function</i> , 2016 , 7, 3539-47	6.1	1
34	Exploring the mechanism of within-meal variety and sensory-specific satiation. <i>Food Quality and Preference</i> , 2019 , 78, 103740	5.8	1

33	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	5	1
32	The Policy of Truth Anchoring Toxicology in Regulation 2017 , 71-78		1
31	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, 137-44	2.1	1
30	Flavonoid galangin prevents smooth muscle fatigue of pig urinary bladder. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 617-22	4.8	1
29	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	5.8	1
28	Reduction of the NO-mediated response in the rat aorta by metalloporphyrins. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000 , 78, 457-461	2.4	1
27	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(2+)-free perfusion. <i>Free Radical Research Communications</i> , 1986 , 1, 225-33		1
26	The role of vitamin K in the etiology of diffuse alveolar hemorrhage. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2019 , 36, 251-252	1.1	1
25	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	1.1	1
24	Pharmaceutical Compounds with Antioxidant Activity. <i>Developments in Cardiovascular Medicine</i> , 2000 , 71-83		1
23	Oxidative stress and receptor responses in guinea-pig tracheal tissue. <i>Agents and Actions Supplements</i> , 1990 , 31, 143-5	0.2	1
22	Placental hypoxia-induced alterations in vascular function, morphology, and endothelial barrier integrity. <i>Hypertension Research</i> , 2020 , 43, 1361-1374	4.7	1
21	Iron Supplements and Magnesium Peroxide: An Example of a Hazardous Combination in Self-Medication. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 119, 412-7	3.1	1
20	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	3.7	1
19	Interaction of diet and drugs in lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2020 , 26, 359-362	3	0
18	Death by Dose The Most Toxic Compounds 2017 , 13-22		
17	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, 346-50	3.4	
16	Difference in the inhibition of nitric oxide synthase and cytochrome P-450 by some H(2)-antagonists. <i>Toxicology in Vitro</i> , 1997 , 11, 775-8	3.6	

- 15 Effect of phospholipase A2 activation on the receptor function in the rat left atrium: unmasking of a positive inotropic effect of methacholine. *General Pharmacology*, **1997**, 29, 441-6
- 14 Contributions **2004**, 37-278
- 13 The Risk of Eating: The Toxicity of Natural versus Man-Made Chemicals 63-68
- 12 A new radioligand binding assay for cytochrome P450IID1 (CYP2D1) in rat liver microsomes: a tool to predict sparteine/debrisoquine type polymorphism of drugs. *Journal of Pharmacological and Toxicological Methods*, **1994**, 31, 149-52 1.7
- 11 Irreversible H2-antagonism of the four isomeric butyl analogues of mifentidine. *Agents and Actions*, **1990**, 30, 166-8
- 10 Experimental conditions influence [3H]-dihydroalprenolol binding characteristics to living HeLa cells due to morphological changes: a warning. *Cell Biochemistry and Function*, **1987**, 5, 143-7 4.2
- 9 The complexity of proving health effects with data on traditional use: A critical perspective on supporting botanical health claims. *Trends in Food Science and Technology*, **2022**, 120, 338-343 15.3
- 8 The Coping Body: A Myriad of Exposures **2017**, 23-32
- 7 Molecular Trepidations: The Linear Nonthreshold Model **2017**, 57-69
- 6 Nature Knows Best: Chemicals From the Geobiological Sphere **2017**, 33-43
- 5 Endothelial protective effects of erythritol. *FASEB Journal*, **2010**, 24, 535.1 0.9
- 4 New roles of erythritol identified via transcriptomic profiling. *FASEB Journal*, **2012**, 26, 263.3 0.9
- 3 Differences in pharmacological activities of the antioxidant flavonoid monohesperidin in humans and mice are caused by variations in its metabolic profile. *FASEB Journal*, **2012**, 26, 646.3 0.9
- 2 Beta cell dysfunction during hyperglycemia: protective role of erythritol?. *FASEB Journal*, **2013**, 27, 637.1.0.9
- 1 Assessing the influence of information on the intention to use dietary supplements: An online questionnaire study. *Journal of Functional Foods*, **2022**, 92, 105017 5.1