

Aalt Bast

List of Publications by Year in Descending Order

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

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	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	15.3	
445	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	5.1	
444	Immunomodulating Effects of Fungal Beta-Glucans: From Traditional Use to Medicine. <i>Nutrients</i> , 2021 , 13,	6.7	10
443	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
442	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
441	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
440	Hypoxia-induced mitochondrial abnormalities in cells of the placenta. <i>PLoS ONE</i> , 2021 , 16, e0245155	3.7	7
439	Placental Mitochondrial Abnormalities in Preeclampsia. <i>Reproductive Sciences</i> , 2021 , 28, 2186-2199	3	14
438	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
437	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
436	Should botanical health claims be substantiated with evidence on traditional use? Reviewing the stakeholders' arguments. <i>PharmaNutrition</i> , 2020 , 14, 100232	2.9	5
435	Interaction of diet and drugs in lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2020 , 26, 359-362	3	0
434	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
433	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
432	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
431	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
430	Dietary Advanced Glycation Endproducts Decrease Glucocorticoid Sensitivity In Vitro. <i>Nutrients</i> , 2020 , 12,	6.7	4

429	The dietary antioxidant quercetin reduces hallmarks of bleomycin-induced lung fibrogenesis in mice. <i>BMC Pulmonary Medicine</i> , 2020 , 20, 112	3.5	14
428	Tamsulosin Associated with Interstitial Lung Damage in CYP2D6 Variant Alleles Carriers. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
427	Haemodynamic effects of the flavonoid quercetin in rats revisited. <i>British Journal of Pharmacology</i> , 2020 , 177, 1841-1852	8.6	3
426	(-)-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
425	The Role of Circulating Lycopene in Low-Grade Chronic Inflammation: A Systematic Review of the Literature. <i>Molecules</i> , 2020 , 25,	4.8	9
424	The Molecular Mechanisms of Adaptive Response Related to Environmental Stress. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
423	Placental hypoxia-induced alterations in vascular function, morphology, and endothelial barrier integrity. <i>Hypertension Research</i> , 2020 , 43, 1361-1374	4.7	1
422	Dietary Advanced Glycation Endproducts and the Gastrointestinal Tract. <i>Nutrients</i> , 2020 , 12,	6.7	6
421	Towards improved pharmacotherapy in pulmonary arterial hypertension. Can diet play a role?. <i>Clinical Nutrition ESPEN</i> , 2019 , 30, 159-169	1.3	2
420	and Polymorphisms: A Case Report in a Dutch Family with Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
419	Exploring the mechanism of within-meal variety and sensory-specific satiation. <i>Food Quality and Preference</i> , 2019 , 78, 103740	5.8	1
418	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
417	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
416	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
415	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
414	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
413	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
412	Allergens of permanent hair dyes induces epidermal damage, skin barrier loss and IL-1 increase in epidermal in vitro model. <i>Food and Chemical Toxicology</i> , 2018 , 112, 265-272	4.7	4

411	Dietary supplement intake during pregnancy; better safe than sorry?. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 95, 442-447	3.4	7
410	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
409	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
408	Lipase diffusion in oil-filled, alginate micro- and macrobeads. <i>Food Hydrocolloids</i> , 2018 , 85, 242-247	10.6	8
407	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
406	Dietary Advanced Glycation Endproducts Induce an Inflammatory Response in Human Macrophages in Vitro. <i>Nutrients</i> , 2018 , 10,	6.7	21
405	Enhancing and Extending Biological Performance and Resilience. <i>Dose-Response</i> , 2018 , 16, 155932581873450140	3.5	40
404	The direct and sustained consequences of severe placental hypoxia on vascular contractility. <i>PLoS ONE</i> , 2018 , 13, e0202648	3.7	7
403	Nutrition and corticosteroids in the treatment of sarcoidosis. <i>Current Opinion in Pulmonary Medicine</i> , 2018 , 24, 479-486	3	4
402	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
401	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
400	Silver nanoparticles induce hormesis in A549 human epithelial cells. <i>Toxicology in Vitro</i> , 2017 , 40, 223-233	3.6	33
399	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
398	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
397	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
396	Rutin protects against HO-triggered impaired relaxation of placental arterioles and induces Nrf2-mediated adaptation in Human Umbilical Vein Endothelial Cells exposed to oxidative stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 1177-1189	4	23
395	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
394	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

393	From Pretaster to Toxicologist 2017 , 1-12		1
392	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
391	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
390	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
389	Permeation of probe molecules into alginate microbeads: Effect of salt and processing. <i>Food Hydrocolloids</i> , 2017 , 73, 255-261	10.6	12
388	Death by Dose—the Most Toxic Compounds 2017 , 13-22		
387	The Policy of Truth—Anchoring Toxicology in Regulation 2017 , 71-78		1
386	The Coping Body—A Myriad of Exposures 2017 , 23-32		
385	Molecular Trepidations—the Linear Nonthreshold Model 2017 , 57-69		
384	Nature Knows Best—Chemicals From the Geobiological Sphere 2017 , 33-43		
383	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
382	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
381	Antifibrotic and anticancer action of 5-ene amino/iminothiazolidinones. <i>European Journal of Medicinal Chemistry</i> , 2016 , 112, 180-195	6.8	34
380	Strength of microbeads for the encapsulation of heat sensitive, hydrophobic components. <i>Food Hydrocolloids</i> , 2016 , 56, 318-324	10.6	15
379	Active ingredients leading in health claims on functional foods. <i>Journal of Functional Foods</i> , 2016 , 20, 587-593	5.1	18
378	Time in Redox Adaptation Processes: From Evolution to Hormesis. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	43
377	Is intestinal oxidative stress involved in patients with compensated liver cirrhosis?. <i>Annals of Hepatology</i> , 2016 , 15, 402-9	3.1	4
376	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

375	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
374	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
373	Health effects of erythritol. <i>Nutrafoods</i> , 2015 , 14, 3-9		17
372	International legislation on nutrition and health claims. <i>Food Policy</i> , 2015 , 55, 61-70	5	32
371	Modulation of Glucokinase Regulatory Protein: A Double-Edged Sword?. <i>Trends in Molecular Medicine</i> , 2015 , 21, 583-594	11.5	38
370	Chemical characteristics for optimizing CYP2E1 inhibition. <i>Chemico-Biological Interactions</i> , 2015 , 242, 139-44	5	2
369	Adverse food-drug interactions. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 859-65	3.4	33
368	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
367	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
366	Antibiotics exposure and health risks: chloramphenicol. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 213-20	5.8	85
365	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
364	The supplement-drug interaction of quercetin with tamsulosin on vasorelaxation. <i>European Journal of Pharmacology</i> , 2015 , 746, 132-7	5.3	10
363	Nutrition and health transforming research traditions. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 1074-80	11.5	11
362	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
361	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
360	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
359	The shifting perception on antioxidants: the case of vitamin E and β -carotene. <i>Redox Biology</i> , 2015 , 4, 272-8	11.3	41
358	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

357	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
356	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
355	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
354	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
353	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
352	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
351	The cocoa flavanol (-)-epicatechin protects the cortisol response. <i>Pharmacological Research</i> , 2014 , 79, 28-33	10.2	21
350	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
349	Protection against chemotaxis in the anti-inflammatory effect of bioactives from tomato ketchup. <i>PLoS ONE</i> , 2014 , 9, e114387	3.7	16
348	Effect of N ϵ -carboxymethyllysine on oxidative stress and the glutathione system in beta cells. <i>Toxicology Reports</i> , 2014 , 1, 973-980	4.8	9
347	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
346	"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
345	Glutathione revisited: a better scavenger than previously thought. <i>Frontiers in Pharmacology</i> , 2014 , 5, 260	5.6	22
344	Critical appraisal of ¹³ C breath tests for microsomal liver function: aminopyrine revisited. <i>Liver International</i> , 2014 , 34, 487-94	7.9	12
343	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
342	The anti-inflammatory efficacy of dexamethasone is protected by (-)-epicatechin. <i>PharmaNutrition</i> , 2014 , 2, 47-52	2.9	13
341	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
340	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

339	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
338	Ten misconceptions about antioxidants. <i>Trends in Pharmacological Sciences</i> , 2013 , 34, 430-6	13.2	116
337	Oxyphytosterol formation in humans: identification of high vs. low oxidizers. <i>Biochemical Pharmacology</i> , 2013 , 86, 19-25	6	14
336	Diffuse alveolar hemorrhage in coumarin users: a fibrosing interstitial pneumonia trigger?. <i>Lung</i> , 2013 , 191, 53-9	2.9	8
335	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
334	The cholesterol derivative 27-hydroxycholesterol reduces steatohepatitis in mice. <i>Gastroenterology</i> , 2013 , 144, 167-178.e1	13.3	64
333	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
332	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
331	Multi-targeted mechanisms underlying the endothelial protective effects of the diabetic-safe sweetener erythritol. <i>PLoS ONE</i> , 2013 , 8, e65741	3.7	13
330	Accelerated aging during chronic oxidative stress: a role for PARP-1. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 680414	6.7	25
329	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
328	Beta cell dysfunction during hyperglycemia: protective role of erythritol?. <i>FASEB Journal</i> , 2013 , 27, 637.1b.9		
327	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
326	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
325	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
324	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
323	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
322	Optimizing the bioactive potential of wheat bran by processing. <i>Food and Function</i> , 2012 , 3, 362-75	6.1	57

321	The flavonoid monoHER prevents monocrotaline-induced hepatic sinusoidal injury in rats. <i>Journal of Surgical Oncology</i> , 2012 , 106, 72-8	2.8	13
320	The anti-inflammatory effect of lycopene complements the antioxidant action of ascorbic acid and Tocopherol. <i>Food Chemistry</i> , 2012 , 132, 954-958	8.5	53
319	Chemicals and health - thought for food. <i>Dose-Response</i> , 2012 , 11, 295-300	2.3	4
318	Cat litter is a possible trigger for sarcoidosis. <i>European Respiratory Journal</i> , 2012 , 39, 221-2	13.6	7
317	Interstitial lung damage due to cocaine abuse: pathogenesis, pharmacogenomics and therapy. <i>Current Medicinal Chemistry</i> , 2012 , 19, 5607-11	4.3	15
316	Of reductionism and the pendulum swing: connecting toxicology and human health. <i>Dose-Response</i> , 2012 , 10, 155-76	2.3	4
315	New roles of erythritol identified via transcriptomic profiling. <i>FASEB Journal</i> , 2012 , 26, 263.3	0.9	
314	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	0.9	
313	The role of oxidative stress in non-alcoholic steatohepatitis. <i>Clinica Chimica Acta</i> , 2011 , 412, 1297-305	6.2	233
312	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
311	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
310	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
309	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
308	Quercetin reduces markers of oxidative stress and inflammation in sarcoidosis. <i>Clinical Nutrition</i> , 2011 , 30, 506-12	5.9	149
307	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
306	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
305	Oral bioavailability of ATP after prolonged administration. <i>British Journal of Nutrition</i> , 2011 , 105, 357-66	3.6	21
304	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

303	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
302	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
301	Oxidative stress and antioxidants in interstitial lung disease. <i>Current Opinion in Pulmonary Medicine</i> , 2010 , 16, 516-20	3	36
300	Chorioamnionitis induced hepatic inflammation and disturbed lipid metabolism in fetal sheep. <i>Pediatric Research</i> , 2010 , 68, 466-72	3.2	20
299	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	
298	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
297	Oxidative stress and vascular function: implications for pharmacologic treatments. <i>Current Hypertension Reports</i> , 2010 , 12, 154-61	4.7	123
296	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
295	Erythritol is a sweet antioxidant. <i>Nutrition</i> , 2010 , 26, 449-58	4.8	73
294	Inhibition of acute pulmonary and systemic inflammation by 1,7-dimethylxanthine. <i>European Journal of Pharmacology</i> , 2010 , 629, 132-9	5.3	8
293	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
292	ATP sensitizes H460 lung carcinoma cells to cisplatin-induced apoptosis. <i>Chemico-Biological Interactions</i> , 2010 , 184, 338-45	5	12
291	Endothelial protective effects of erythritol. <i>FASEB Journal</i> , 2010 , 24, 535.1	0.9	
290	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
289	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
288	Bioavailability of ferulic acid is determined by its bioaccessibility. <i>Journal of Cereal Science</i> , 2009 , 49, 296-300	3.8	158
287	Butyrate modulates oxidative stress in the colonic mucosa of healthy humans. <i>Clinical Nutrition</i> , 2009 , 28, 88-93	5.9	238
286	Characterization of the glutathione conjugate of the semisynthetic flavonoid monoHER. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 1567-73	7.8	16

285	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
284	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
283	Inhibition of LPS-induced pulmonary inflammation by specific flavonoids. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 382, 598-603	3.4	71
282	Telomere shortening in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2009 , 103, 230-6	4.6	95
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