Karl-Heinz Wagner

List of Publications by Year
in descending order

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212	7,751	53660	74018
papers	citations	45 h-index	75 g-index

219	219	219	11168
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tocopherols and total phenolics in 10 different nut types. Food Chemistry, 2006, 98, 381-387.	4.2	520
2	A global view on the development of non communicable diseases. Preventive Medicine, 2012, 54, S38-S41.	1.6	246
3	Gamma-Tocopherol â€“ An Underestimated Vitamin?. Annals of Nutrition and Metabolism, 2004, 48, 169-188.	1.0	235
4	Biological Relevance of Terpenoids. Annals of Nutrition and Metabolism, 2003, 47, 95-106.	1.0	219
5	Biomarkers of Aging: From Function to Molecular Biology. Nutrients, 2016, 8, 338.	1.7	210
6	Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA-protective dietary compounds. Toxicology, 2010, 278, 88-100.	2.0	174
7	Recovery after an Ironman triathlon: sustained inflammatory responses and muscular stress. European Journal of Applied Physiology, 2008, 104, 417-426.	1.2	171
8	Plasma antioxidants and lipid oxidation after submaximal resistance exercise in men. European Journal of Nutrition, 2004, 43, 2-6.	1.8	143
9	Looking to the horizon: the role of bilirubin in the development and prevention of age-related chronic diseases. Clinical Science, 2015, 129, 1-25.	1.8	126
10	Malnutrition and depression in the institutionalised elderly. British Journal of Nutrition, 2009, 102, 1663.	1.2	120
11	Instant coffee with high chlorogenic acid levels protects humans against oxidative damage of macromolecules. Molecular Nutrition and Food Research, 2010, 54, 1722-1733.	1.5	119
12	The effects of dietary protein intake on appendicular lean mass and muscle function in elderly men: a 10-wk randomized controlled trial. American Journal of Clinical Nutrition, 2017, 106, 1375-1383.	2.2	106
13	Bilirubin and beyond: A review of lipid status in Gilbertâ€™s syndrome and its relevance to cardiovascular disease protection. Progress in Lipid Research, 2013, 52, 193-205.	5.3	105
14	Effects of Different Cooking Procedures on Lipid Quality and Cholesterol Oxidation of Farmed Salmon Fish (Salmo salar). Journal of Agricultural and Food Chemistry, 2004, 52, 5290-5296.	2.4	103
15	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. British Journal of Nutrition, 2008, 99, ES3-ES52.	1.2	101
16	Antioxidative potential of melanoidins isolated from a roasted glucoseâ€“glycine model. Food Chemistry, 2002, 78, 375-382.	4.2	97
17	Inhalative Exposure to Vanadium Pentoxide Causes DNA Damage in Workers: Results of a Multiple End Point Study. Environmental Health Perspectives, 2008, 116, 1689-1693.	2.8	89
18	Diagnostic criteria and contributors to Gilbertâ€™s syndrome. Critical Reviews in Clinical Laboratory Sciences, 2018, 55, 129-139.	2.7	89

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19	B-Vitamin Status and Concentrations of Homocysteine in Austrian Omnivores, Vegetarians and Vegans. Annals of Nutrition and Metabolism, 2006, 50, 485-491.	1.0	81
20	Reduced circulating oxidized LDL is associated with hypocholesterolemia and enhanced thiol status in Gilbert syndrome. Free Radical Biology and Medicine, 2012, 52, 2120-2127.	1.3	81
21	EGCG Prevents High Fat Diet-Induced Changes in Gut Microbiota, Decreases of DNA Strand Breaks, and Changes in Expression and DNA Methylation ofDnmt1andMLH1in C57BL/6J Male Mice. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-17.	1.9	79
22	Protection from age-related increase in lipid biomarkers and inflammation contributes to cardiovascular protection in Gilbert's syndrome. Clinical Science, 2013, 125, 257-264.	1.8	78
23	Effects of elastic band resistance training and nutritional supplementation on muscle quality and circulating muscle growth and degradation factors of institutionalized elderly women: the Vienna Active Ageing Study (VAAS). European Journal of Applied Physiology, 2016, 116, 885-897.	1.2	74
24	Effects of tocopherols and their mixtures on the oxidative stability of olive oil and linseed oil under heating. European Journal of Lipid Science and Technology, 2000, 102, 624-629.	1.0	73
25	Functional benefits of citrus fruits in the management of diabetes. Preventive Medicine, 2012, 54, S12-S16.	1.6	71
26	Effects of elastic band resistance training and nutritional supplementation on physical performance of institutionalised elderly â€" A randomized controlled trial. Experimental Gerontology, 2015, 72, 99-108.	1.2	71
27	Radical scavenging activity, antiâ€bacterial and mutagenic effects of Cocoa bean Maillard Reaction products with degree of roasting. Molecular Nutrition and Food Research, 2008, 52, 342-351.	1.5	66
28	Antioxidative potential of tocotrienols and tocopherols in coconut fat at different oxidation temperatures. European Journal of Lipid Science and Technology, 2001, 103, 746-751.	1.0	65
29	The antioxidant and phylloquinone content of wildly grown greens in Crete. Food Chemistry, 2006, 99, 813-821.	4.2	65
30	The anti-mutagenic properties of bile pigments. Mutation Research - Reviews in Mutation Research, 2008, 658, 28-41.	2.4	64
31	Time course-dependent changes in the transcriptome of human skeletal muscle during recovery from endurance exercise: from inflammation to adaptive remodeling. Journal of Applied Physiology, 2014, 116, 274-287.	1.2	64
32	L. monocytogenes in a cheese processing facility: Learning from contamination scenarios over three years of sampling. International Journal of Food Microbiology, 2014, 189, 98-105.	2.1	64
33	Log P , a yesterday's value?. Nuclear Medicine and Biology, 2017, 50, 1-10.	0.3	62
34	Impact of paper filtered coffee on oxidative DNA-damage: Results of a clinical trial. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 692, 42-48.	0.4	61
35	Effects of Î±-, Î³-, and Î´-Tocopherols on the Autoxidation of Purified Rapeseed Oil Triacylglycerols in a System Containing Low Oxygen. Journal of Agricultural and Food Chemistry, 2003, 51, 7775-7780.	2.4	57
36	Impact of diets containing corn oil or olive/sunflower oil mixture on the human plasma and lipoprotein lipid metabolism. European Journal of Nutrition, 2001, 40, 161-167.	1.8	54

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37	Serum concentrations of insulin-like growth factor-1, members of the TGF-beta superfamily and follistatin do not reflect different stages of dynapenia and sarcopenia in elderly women. Experimental Gerontology, 2015, 64, 35-45.	1.2	54
38	Transcriptome analysis of neutrophils after endurance exercise reveals novel signaling mechanisms in the immune response to physiological stress. Journal of Applied Physiology, 2013, 114, 1677-1688.	1.2	52
39	¹H NMR spectroscopy as tool to follow changes in the fatty acids of fish oils. European Journal of Lipid Science and Technology, 2008, 110, 141-148.	1.0	51
40	Bilirubin acts as a multipotent guardian of cardiovascular integrity: more than just a radical idea. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H429-H447.	1.5	51
41	Dietary Protein, Muscle and Physical Function in the Very Old. Nutrients, 2018, 10, 935.	1.7	50
42	Antioxidant responses to an acute ultra-endurance exercise: impact on DNA stability and indications for an increased need for nutritive antioxidants in the early recovery phase. British Journal of Nutrition, 2010, 104, 1129-1138.	1.2	49
43	No Indications of Persistent Oxidative Stress in Response to an Ironman Triathlon. Medicine and Science in Sports and Exercise, 2008, 40, 2119-2128.	0.2	48
44	Oxidative Stress, DNA Damage and DNA Repair in Female Patients with Diabetes Mellitus Type 2. PLoS ONE, 2016, 11, e0162082.	1.1	48
45	Consumption of ultra-processed foods associated with weight gain and obesity in adults: A multi-national cohort study. Clinical Nutrition, 2021, 40, 5079-5088.	2.3	48
46	Lipid concentrations of wild edible greens in Crete. Food Chemistry, 2006, 99, 822-834.	4.2	47
47	Potent protection of gallic acid against DNA oxidation: Results of human and animal experiments. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 715, 61-71.	0.4	47
48	Food-derived peroxidized fatty acids may trigger hepatic inflammation: A novel hypothesis to explain steatohepatitis. Journal of Hepatology, 2013, 59, 563-570.	1.8	46
49	Vitamin E Modifies High-Fat Diet-Induced Increase of DNA Strand Breaks, and Changes in Expression and DNA Methylation of Dnmt1 and MLH1 in C57BL/6J Male Mice. Nutrients, 2017, 9, 607.	1.7	46
50	Effect of roasting on the radical scavenging activity of cocoa beans. European Food Research and Technology, 2006, 222, 368-375.	1.6	45
51	New Aspects on Listeria monocytogenes ST5-ECVI Predominance in a Heavily Contaminated Cheese Processing Environment. Frontiers in Microbiology, 2018, 9, 64.	1.5	45
52	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. Mutation Research - Reviews in Mutation Research, 2021, 787, 108371.	2.4	45
53	Polyunsaturated Fatty Acids in the Diet and Breast Milk of Lactating Icelandic Women with Traditional Fish and Cod Liver Oil Consumption. Annals of Nutrition and Metabolism, 2006, 50, 270-276.	1.0	44
54	Fat-Soluble Vitamins in the Maternal Diet, Influence of Cod Liver Oil Supplementation and Impact of the Maternal Diet on Human Milk Composition. Annals of Nutrition and Metabolism, 2001, 45, 265-272.	1.0	43

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55	Cytotoxic and apoptotic effects of single and mixed oxides of Î²-sitosterol on HepG2-cells. Toxicology in Vitro, 2009, 23, 755-762.	1.1	43
56	Gallic Acid Improves Healthâ€Associated Biochemical Parameters and Prevents Oxidative Damage of DNA in Type 2 Diabetes Patients: Results of a Placeboâ€Controlled Pilot Study. Molecular Nutrition and Food Research, 2018, 62, 1700482.	1.5	42
57	Phytosterol Content and Fatty Acid Pattern of Ten Different Nut Types. International Journal for Vitamin and Nutrition Research, 2013, 83, 263-270.	0.6	42
58	Comprehensive studies on the trans fatty acid content of Austrian foods: Convenience products, fast food and fats. Food Chemistry, 2008, 108, 1054-1060.	4.2	41
59	The status of vitamins B6, B12, folate, and of homocysteine in geriatric home residents receiving laxatives or dietary fiber. Journal of Nutrition, Health and Aging, 2010, 14, 219-223.	1.5	39
60	Counteraction of Oxidative Stress by Vitamin E Affects Epigenetic Regulation by Increasing Global Methylation and Gene Expression of MLH1 and DNMT1 Dose Dependently in Caco-2 Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	1.9	39
61	Exercise-induced DNA damage: is there a relationship with inflammatory responses?. Exercise Immunology Review, 2008, 14, 51-72.	0.4	39
62	Vitamin and antioxidant rich diet increases MLH1 promoter DNA methylation in DMT2 subjects. Clinical Epigenetics, 2012, 4, 19.	1.8	37
63	Biliverdin modulates the expression of C5aR in response to endotoxin in part via mTOR signaling. Biochemical and Biophysical Research Communications, 2014, 449, 94-99.	1.0	37
64	Haematoporphyrin- and sodium chlorophyllin-induced phototoxicity towards bacteria and yeasts â€“ a new approach for safe foods. Food Control, 2001, 12, 529-533.	2.8	36
65	Endurance exercise and DNA stability: Is there a link to duration and intensity?. Mutation Research - Reviews in Mutation Research, 2009, 682, 28-38.	2.4	36
66	Haem catabolism: a novel modulator of inflammation in <scp>G</scp>ilbert's syndrome. European Journal of Clinical Investigation, 2013, 43, 912-919.	1.7	36
67	The effect of six months of elastic band resistance training, nutritional supplementation or cognitive training on chromosomal damage in institutionalized elderly. Experimental Gerontology, 2015, 65, 16-22.	1.2	36
68	The nutrient composition of European ready meals: Protein, fat, total carbohydrates and energy. Food Chemistry, 2015, 172, 190-196.	4.2	36
69	Mild hyperbilirubinaemia as an endogenous mitigator of overweight and obesity: Implications for improved metabolic health. Atherosclerosis, 2018, 269, 306-311.	0.4	36
70	Vegetables and PUFAâ€rich plant oil reduce DNA strand breaks in individuals with type 2 diabetes. Molecular Nutrition and Food Research, 2013, 57, 328-338.	1.5	35
71	Impact of endurance and ultraendurance exercise on DNA damage. Annals of the New York Academy of Sciences, 2011, 1229, 115-123.	1.8	33
72	In vitroantioxidant capacity and antigenotoxic properties of protoporphyrin and structurally related tetrapyrroles. Free Radical Research, 2012, 46, 1369-1377.	1.5	33

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73	Vitamin status in elderly people in relation to the use of nutritional supplements. Journal of Nutrition, Health and Aging, 2012, 16, 206-212.	1.5	33
74	Super DNAgingâ€"New insights into DNA integrity, genome stability and telomeres in the oldest old. Mutation Research - Reviews in Mutation Research, 2015, 766, 48-57.	2.4	33
75	Dietary intake of advanced glycation end products (AGEs) and changes in body weight in European adults. European Journal of Nutrition, 2020, 59, 2893-2904.	1.8	33
76	Genotoxicity and mutagenicity of melanoidins isolated from a roasted glucoseâ€“glycine model in human lymphocyte cultures, intestinal Caco-2 cells and in the Salmonella typhimurium strains TA98 and TA102 applying the AMES test. Food and Chemical Toxicology, 2004, 42, 1487-1495.	1.8	32
77	Features of an altered AMPK metabolic pathway in Gilbertâ€™s Syndrome, and its role in metabolic health. Scientific Reports, 2016, 6, 30051.	1.6	32
78	Impact of xanthohumol (a prenylated flavonoid from hops) on DNA stability and other healthâ€related biochemical parameters: Results of human intervention trials. Molecular Nutrition and Food Research, 2016, 60, 773-786.	1.5	32
79	Effects of dietary nitrate on inflammation and immune function, and implications for cardiovascular health. Nutrition Reviews, 2019, 77, 584-599.	2.6	32
80	The anti-mutagenic and antioxidant effects of bile pigments in the Ames Salmonella test. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 629, 122-132.	0.9	31
81	No Acute and Persistent DNA Damage after an Ironman Triathlon. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 1913-1919.	1.1	31
82	Bilirubin scavenges chloramines and inhibits myeloperoxidase-induced protein/lipid oxidation in physiologically relevant hyperbilirubinemic serum. Free Radical Biology and Medicine, 2015, 86, 259-268.	1.3	31
83	Acute impact of submaximal resistance exercise on immunological and hormonal parameters in young men. Journal of Sports Sciences, 2003, 21, 1001-1008.	1.0	30
84	The potential antimutagenic and antioxidant effects of Maillard reaction products used as â€œnatural antibrowningâ€•agents. Molecular Nutrition and Food Research, 2007, 51, 496-504.	1.5	30
85	Pre- or post-ischemic bilirubin ditaurate treatment reduces oxidative tissue damage and improves cardiac function. International Journal of Cardiology, 2016, 202, 27-33.	0.8	30
86	Antioxidative Power of Plant Oils in Humans: The Influence of Î±- and Î³-Tocopherol. Annals of Nutrition and Metabolism, 2001, 45, 110-115.	1.0	28
87	Effects of unconjugated bilirubin on chromosomal damage in individuals with Gilbert`s syndrome measured with the micronucleus cytome assay. Mutagenesis, 2012, 27, 731-735.	1.0	28
88	The sensitivity of biomarkers for genotoxicity and acute cytotoxicity in nasal and buccal cells of welders. International Journal of Hygiene and Environmental Health, 2014, 217, 492-498.	2.1	28
89	Protein Intake at Twice the RDA in Older Men Increases Circulatory Concentrations of the Microbiome Metabolite Trimethylamine-N-Oxide (TMAO). Nutrients, 2019, 11, 2207.	1.7	28
90	The Revised Dâ€Aâ€CHâ€Reference Values for the Intake of Vitamin B₁₂: Prevention of Deficiency and Beyond. Molecular Nutrition and Food Research, 2019, 63, e1801178.	1.5	28

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91	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. BMC Medicine, 2020, 18, 229.	2.3	28
92	The impact of six months strength training, nutritional supplementation or cognitive training on DNA damage in institutionalised elderly. Mutagenesis, 2015, 30, 147-153.	1.0	27
93	Predominance of Distinct Listeria Innocua and Listeria Monocytogenes in Recurrent Contamination Events at Dairy Processing Facilities. Microorganisms, 2020, 8, 234.	1.6	27
94	Prevention of oxidative DNA damage in inner organs and lymphocytes of rats by green tea extract. European Journal of Nutrition, 2010, 49, 227-234.	1.8	26
95	Impact of exposure to wood dust on genotoxicity and cytotoxicity in exfoliated buccal and nasal cells. Mutagenesis, 2015, 30, 701-709.	1.0	26
96	Association between Polymorphisms in Vitamin D Pathway-Related Genes, Vitamin D Status, Muscle Mass and Function: A Systematic Review. Nutrients, 2021, 13, 3109.	1.7	26
97	Î³- andÎ´-tocopherols are more effective thanÎ±-tocopherol on the autoxidation of a 10% rapeseed oil triacylglycerol-in-water emulsion with and without a radical initiator. European Journal of Lipid Science and Technology, 2004, 106, 44-51.	1.0	25
98	Lipid oxidation of beef fillets during braising with different cooking oils. Meat Science, 2005, 71, 440-445.	2.7	24
99	Well-trained, healthy triathletes experience no adverse health risks regarding oxidative stress and DNA damage by participating in an ultra-endurance event. Toxicology, 2010, 278, 211-216.	2.0	24
100	Anti-Genotoxic Potential of Bilirubin In Vivo: Damage to DNA in Hyperbilirubinemic Human and Animal Models. Cancer Prevention Research, 2013, 6, 1056-1063.	0.7	24
101	Hyperbilirubinemia modulates myocardial function, aortic ejection, and ischemic stress resistance in the Gunn rat. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1142-H1149.	1.5	24
102	Effects of Diets High in Unsaturated Fatty Acids on Socially Induced Stress Responses in Guinea Pigs. PLoS ONE, 2014, 9, e116292.	1.1	22
103	Nuclear anomalies in exfoliated buccal cells in healthy and diabetic individuals and the impact of a dietary intervention. Mutagenesis, 2014, 29, 1-6.	1.0	22
104	Chronically elevated bilirubin protects from cardiac reperfusion injury in the male Gunn rat. Acta Physiologica, 2017, 220, 461-470.	1.8	22
105	Strength training increases skeletal muscle quality but not muscle mass in old institutionalized adults: a randomized, multi-arm parallel and controlled intervention study. European Journal of Physical and Rehabilitation Medicine, 2019, 54, 921-933.	1.1	22
106	Bilirubin Decreases Macrophage Cholesterol Efflux and ATPâ€Binding Cassette Transporter A1 Protein Expression. Journal of the American Heart Association, 2017, 6, .	1.6	21
107	â€œMicronuclei and Diseaseâ€•special issue: Aims, scope, and synthesis of outcomes. Mutation Research - Reviews in Mutation Research, 2021, 788, 108384.	2.4	21
108	Formation of micronuclei and other nuclear anomalies in exfoliated nasal and oral cells: Results of a human study with workers in a power plant processing poultry litter. International Journal of Hygiene and Environmental Health, 2013, 216, 82-87.	2.1	20

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109	Chromosomal damage measured by the cytokinesis block micronucleus cytome assay in diabetes and obesity - A systematic review and meta-analysis. Mutation Research - Reviews in Mutation Research, 2020, 786, 108343.	2.4	20
110	DNA damage in response to an Ironman triathlon. Free Radical Research, 2009, 43, 753-760.	1.5	19
111	Intake of a resveratrol-containing dietary supplement has no impact on DNA stability in healthy subjects. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 749, 82-86.	0.9	19
112	Genome damage in peripheral blood lymphocytes of diabetic and non-diabetic individuals after intervention with vegetables and plant oil. Mutagenesis, 2013, 28, 205-211.	1.0	19
113	The influence of age and aerobic fitness on chromosomal damage in Austrian institutionalised elderly. Mutagenesis, 2014, 29, 441-445.	1.0	19
114	Salt as a public health challenge in continental European convenience and ready meals. Public Health Nutrition, 2014, 17, 2459-2466.	1.1	19
115	Impact of polyunsaturated vegetable oils on adiponectin levels, glycaemia and blood lipids in individuals with type 2 diabetes: a randomised, doubleâ€blind intervention study. Journal of Human Nutrition and Dietetics, 2014, 27, 468-478.	1.3	19
116	Circulating cell-free DNA, telomere length and bilirubin in the Vienna Active Ageing Study: exploratory analysis of a randomized, controlled trial. Scientific Reports, 2016, 6, 38084.	1.6	19
117	Longer telomeres in chronic, moderate, unconjugated hyperbilirubinaemia: insights from a human study on Gilbertâ€™s Syndrome. Scientific Reports, 2016, 6, 22300.	1.6	19
118	Association of Genomic Instability with HbA1c levels and Medication in Diabetic Patients. Scientific Reports, 2017, 7, 41985.	1.6	19
119	Biliverdin and bilirubin sulfonate inhibit monosodium urate induced sterile inflammation in the rat. European Journal of Pharmaceutical Sciences, 2020, 155, 105546.	1.9	19
120	Influence of age and physical fitness on miRNA-21, TGF-Î² and its receptors in leukocytes of healthy women. Exercise Immunology Review, 2015, 21, 154-63.	0.4	19
121	Effect of Î±- and Î´-tocopherol on the oxidative stability of a mixed hydrogenated fat under frying conditions. European Food Research and Technology, 2005, 221, 291-297.	1.6	18
122	Impact of spinach consumption on DNA stability in peripheral lymphocytes and on biochemical blood parameters: results of a human intervention trial. European Journal of Nutrition, 2011, 50, 587-594.	1.8	18
123	Age and the effect of exercise, nutrition and cognitive training on oxidative stress â€“ The Vienna Active Aging Study (VAAS), a randomized controlled trial. Free Radical Biology and Medicine, 2018, 121, 69-77.	1.3	18
124	Development and validation of a food frequency index using nutritional biomarkers in a sample of middleâ€aged and older adults. Journal of Human Nutrition and Dietetics, 2009, 22, 29-39.	1.3	17
125	Expanding LogP: Present possibilities. Nuclear Medicine and Biology, 2018, 58, 20-32.	0.3	17
126	Impact of dietary and lifestyle interventions in elderly or people diagnosed with diabetes, metabolic disorders, cardiovascular disease, cancer and micronutrient deficiency on micronuclei frequency â€“ A systematic review and meta-analysis. Mutation Research - Reviews in Mutation Research, 2021, 787, 108367.	2.4	17

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127	Biomarkers of exercise-induced myocardial stress in relation to inflammatory and oxidative stress. Exercise Immunology Review, 2007, 13, 15-36.	0.4	17
128	Impact of antiseptics on radical metabolism, antioxidant status and genotoxic stress in blood cells: povidone-iodine versus octenidine dihydrochloride. Toxicology in Vitro, 2004, 18, 411-418.	1.1	16
129	Effects of food store quality on hibernation performance in common hamsters. PLoS ONE, 2017, 12, e0185913.	1.1	16
130	A comparison study between antioxidant and mutagenic properties of cysteine glucose-derived Maillard reaction products and neoformed products from heated cysteine and hydroxymethylfurfural. Food Chemistry, 2009, 114, 132-138.	4.2	15
131	In vitro anti-cancer activity of two ethno-pharmacological healing plants from Guatemala Pluchea odorata and Phlebodium decumanum. International Journal of Oncology, 2009, 34, 1117-28.	1.4	15
132	[18F]FE@SUPPY and [18F]FE@SUPPY:2 â€" metabolic considerations. Nuclear Medicine and Biology, 2010, 37, 421-426.	0.3	15
133	In vitro DNA-damaging effects of intestinal and related tetrapyrroles in human cancer cells. Experimental Cell Research, 2013, 319, 536-545.	1.2	15
134	Revised D-A-CH Reference Values for the Intake of Vitamin B₆. Annals of Nutrition and Metabolism, 2020, 76, 213-222.	1.0	15
135	Non-Nutritive Bioactive Food Constituents of Plants: Tocopherols (Vitamin E). International Journal for Vitamin and Nutrition Research, 2003, 73, 89-94.	0.6	14
136	Intake of Medication and Vitamin Status in the Elderly. Annals of Nutrition and Metabolism, 2011, 58, 118-125.	1.0	14
137	Sex-Specific Effects of Diets High in Unsaturated Fatty Acids on Spatial Learning and Memory in Guinea Pigs. PLoS ONE, 2015, 10, e0140485.	1.1	14
138	Training and Racing Behaviors of Omnivorous, Vegetarian, and Vegan Endurance Runnersâ€"Results from the NURMI Study (Step 1). Nutrients, 2021, 13, 3521.	1.7	14
139	Effects of Beta-Carotene Supplementation on Free Radical Mechanism in Healthy Adult Subjects. International Journal for Vitamin and Nutrition Research, 2004, 74, 147-152.	0.6	13
140	Determination of cholesterol oxidation products in raw and processed beef and pork preparations. European Food Research and Technology, 2007, 224, 797-800.	1.6	13
141	Bilirubin and Related Tetrapyrroles Inhibit Food-Borne Mutagenesis: A Mechanism for Antigenotoxic Action against a Model Epoxide. Journal of Natural Products, 2013, 76, 1958-1965.	1.5	13
142	Gene networks in skeletal muscle following endurance exercise are coexpressed in blood neutrophils and linked with blood inflammation markers. Journal of Applied Physiology, 2017, 122, 752-766.	1.2	13
143	Characteristics of the heme catabolic pathway in mild unconjugated hyperbilirubinemia and their associations with inflammation and disease prevention. Scientific Reports, 2017, 7, 755.	1.6	13
144	Female Endurance Runners Have a Healthier Diet than Malesâ€"Results from the NURMI Study (Step 2). Nutrients, 2022, 14, 2590.	1.7	13

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145	The Role of Fortified Foods â€“ Situation in Austria. Forum of Nutrition, 2005, 57, 84-90.	3.7	12
146	Acute bilirubin ditaurate exposure attenuates ex vivo platelet reactive oxygen species production, granule exocytosis and activation. Redox Biology, 2019, 26, 101250.	3.9	12
147	The Association between Serum Bilirubin Levels and Colorectal Cancer Risk: Results from the Prospective Cooperative Health Research in the Region of Augsburg (KORA) Study in Germany. Antioxidants, 2020, 9, 908.	2.2	12
148	Dietary intake of advanced glycation endproducts and risk of hepatobiliary cancers: A multinational cohort study. International Journal of Cancer, 2021, 149, 854-864.	2.3	12
149	Extracellular and intracellular anti-mutagenic effects of bile pigments in the Salmonella typhimurium reverse mutation assay. Toxicology in Vitro, 2013, 27, 433-437.	1.1	11
150	Fat Soluble Vitamins in Institutionalized Elderly and the Effect of Exercise, Nutrition and Cognitive Training on Their Statusâ€"The Vienna Active Aging Study (VAAS): A Randomized Controlled Trial. Nutrients, 2019, 11, 1333.	1.7	11
151	Unprecedented Microbial Conversion of Biliverdin into Bilirubin-10-sulfonate. Scientific Reports, 2019, 9, 2988.	1.6	11
152	Chromosomal stability in buccal cells was linked to age but not affected by exercise and nutrients - Vienna Active Ageing Study (VAAS), a randomized controlled trial. Redox Biology, 2020, 28, 101362.	3.9	11
153	Genetically Raised Circulating Bilirubin Levels and Risk of Ten Cancers: A Mendelian Randomization Study. Cells, 2021, 10, 394.	1.8	11
154	Novel effects of diets enriched with corn oil or with an olive oil/sunflower oil mixture on vitamin K metabolism and vitamin K-dependent proteins in young men. Journal of Lipid Research, 2002, 43, 878-884.	2.0	11
155	Effects of Vitamin D3 Supplementation and Resistance Training on 25-Hydroxyvitamin D Status and Functional Performance of Older Adults: A Randomized Placebo-Controlled Trial. Nutrients, 2022, 14, 86.	1.7	11
156	Factors Associated with (Exclusive) Breastfeeding Durationâ€"Results of the SUKIE-Study. Nutrients, 2022, 14, 1704.	1.7	11
157	Tocopherol composition of deodorization distillates and their antioxidative activity. Molecular Nutrition and Food Research, 2004, 48, 34-37.	0.0	10
158	Endogenous Tetrapyrroles Influence Leukocyte Responses to Lipopolysaccharide in Human Blood: Pre-Clinical Evidence Demonstrating the Anti-Inflammatory Potential of Biliverdin. Journal of Clinical & Cellular Immunology, 2014, 05, 1000218.	1.5	10
159	A period of 10 weeks of increased protein consumption does not alter faecal microbiota or volatile metabolites in healthy older men: a randomised controlled trial. Journal of Nutritional Science, 2020, 9, e25.	0.7	10
160	Bilirubin as an indicator of cardiometabolic health: a cross-sectional analysis in the UK Biobank. Cardiovascular Diabetology, 2022, 21, 54.	2.7	10
161	Separation and isolation of Î²-sitosterol oxides and their non-mutagenic potential in the Salmonella microsome assay. Food Chemistry, 2010, 118, 133-140.	4.2	9
162	Anti-leukaemic effects of two extract types of Lactuca sativa correlate with the activation of Chk2, induction of p21, downregulation of cyclin D1 and acetylation of Î±-tubulin. Oncology Reports, 2010, 23, 1145-51.	1.2	9

#	Article	IF	Citations
163	Elastic band resistance training influences transforming growth factor-ÃŸ receptor I mRNA expression in peripheral mononuclear cells of institutionalised older adults: the Vienna Active Ageing Study (VAAS). Immunity and Ageing, 2016, 13, 22.	1.8	9
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