

Karl-Heinz Wagner

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

7,751
citations

53751

45
h-index

74108

75
g-index

219
all docs

219
docs citations

219
times ranked

11168
citing authors

#	ARTICLE	IF	CITATIONS
1	Tocopherols and total phenolics in 10 different nut types. <i>Food Chemistry</i> , 2006, 98, 381-387.	4.2	520
2	A global view on the development of non communicable diseases. <i>Preventive Medicine</i> , 2012, 54, S38-S41.	1.6	246
3	Gamma-Tocopherol – An Underestimated Vitamin?. <i>Annals of Nutrition and Metabolism</i> , 2004, 48, 169-188.	1.0	235
4	Biological Relevance of Terpenoids. <i>Annals of Nutrition and Metabolism</i> , 2003, 47, 95-106.	1.0	219
5	Biomarkers of Aging: From Function to Molecular Biology. <i>Nutrients</i> , 2016, 8, 338.	1.7	210
6	Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA-protective dietary compounds. <i>Toxicology</i> , 2010, 278, 88-100.	2.0	174
7	Recovery after an Ironman triathlon: sustained inflammatory responses and muscular stress. <i>European Journal of Applied Physiology</i> , 2008, 104, 417-426.	1.2	171
8	Plasma antioxidants and lipid oxidation after submaximal resistance exercise in men. <i>European Journal of Nutrition</i> , 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. <i>Clinical Science</i> , 2015, 129, 1-25.	1.8	126
10	Malnutrition and depression in the institutionalised elderly. <i>British Journal of Nutrition</i> , 2009, 102, 1663.	1.2	120
11	Instant coffee with high chlorogenic acid levels protects humans against oxidative damage of macromolecules. <i>Molecular Nutrition and Food Research</i> , 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. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1375-1383.	2.2	106
13	Bilirubin and beyond: A review of lipid status in Gilbert's syndrome and its relevance to cardiovascular disease protection. <i>Progress in Lipid Research</i> , 2013, 52, 193-205.	5.3	105
14	Effects of Different Cooking Procedures on Lipid Quality and Cholesterol Oxidation of Farmed Salmon Fish (<i>Salmo salar</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5290-5296.	2.4	103
15	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. <i>British Journal of Nutrition</i> , 2008, 99, ES3-ES52.	1.2	101
16	Antioxidative potential of melanoidins isolated from a roasted glucose-glycine model. <i>Food Chemistry</i> , 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. <i>Environmental Health Perspectives</i> , 2008, 116, 1689-1693.	2.8	89
18	Diagnostic criteria and contributors to Gilbert's syndrome. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 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. <i>Annals of Nutrition and Metabolism</i> , 2006, 50, 485-491.	1.0	81
20	Reduced circulating oxidized LDL is associated with hypocholesterolemia and enhanced thiol status in Gilbert syndrome. <i>Free Radical Biology and Medicine</i> , 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 of <i>Dnmt1</i> and <i>MLH1</i> in C57BL/6J Male Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 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. <i>Clinical Science</i> , 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). <i>European Journal of Applied Physiology</i> , 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. <i>European Journal of Lipid Science and Technology</i> , 2000, 102, 624-629.	1.0	73
25	Functional benefits of citrus fruits in the management of diabetes. <i>Preventive Medicine</i> , 2012, 54, S12-S16.	1.6	71
26	Effects of elastic band resistance training and nutritional supplementation on physical performance of institutionalized elderly – A randomized controlled trial. <i>Experimental Gerontology</i> , 2015, 72, 99-108.	1.2	71
27	Radical scavenging activity, anti-bacterial and mutagenic effects of Cocoa bean Maillard Reaction products with degree of roasting. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 342-351.	1.5	66
28	Antioxidative potential of tocotrienols and tocopherols in coconut fat at different oxidation temperatures. <i>European Journal of Lipid Science and Technology</i> , 2001, 103, 746-751.	1.0	65
29	The antioxidant and phyloquinone content of wildy grown greens in Crete. <i>Food Chemistry</i> , 2006, 99, 813-821.	4.2	65
30	The anti-mutagenic properties of bile pigments. <i>Mutation Research - Reviews in Mutation Research</i> , 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. <i>Journal of Applied Physiology</i> , 2014, 116, 274-287.	1.2	64
32	<i>L. monocytogenes</i> in a cheese processing facility: Learning from contamination scenarios over three years of sampling. <i>International Journal of Food Microbiology</i> , 2014, 189, 98-105.	2.1	64
33	Log P , a yesterday's value?. <i>Nuclear Medicine and Biology</i> , 2017, 50, 1-10.	0.3	62
34	Impact of paper filtered coffee on oxidative DNA-damage: Results of a clinical trial. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 692, 42-48.	0.4	61
35	Effects of α -, β -, and γ -Tocopherols on the Autoxidation of Purified Rapeseed Oil Triacylglycerols in a System Containing Low Oxygen. <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>European Journal of Nutrition</i> , 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. <i>Experimental Gerontology</i> , 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. <i>Journal of Applied Physiology</i> , 2013, 114, 1677-1688.	1.2	52
39	¹ H NMR spectroscopy as tool to follow changes in the fatty acids of fish oils. <i>European Journal of Lipid Science and Technology</i> , 2008, 110, 141-148.	1.0	51
40	Bilirubin acts as a multipotent guardian of cardiovascular integrity: more than just a radical idea. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H429-H447.	1.5	51
41	Dietary Protein, Muscle and Physical Function in the Very Old. <i>Nutrients</i> , 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. <i>British Journal of Nutrition</i> , 2010, 104, 1129-1138.	1.2	49
43	No Indications of Persistent Oxidative Stress in Response to an Ironman Triathlon. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 2119-2128.	0.2	48
44	Oxidative Stress, DNA Damage and DNA Repair in Female Patients with Diabetes Mellitus Type 2. <i>PLoS ONE</i> , 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. <i>Clinical Nutrition</i> , 2021, 40, 5079-5088.	2.3	48
46	Lipid concentrations of wild edible greens in Crete. <i>Food Chemistry</i> , 2006, 99, 822-834.	4.2	47
47	Potent protection of gallic acid against DNA oxidation: Results of human and animal experiments. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 61-71.	0.4	47
48	Food-derived peroxidized fatty acids may trigger hepatic inflammation: A novel hypothesis to explain steatohepatitis. <i>Journal of Hepatology</i> , 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. <i>Nutrients</i> , 2017, 9, 607.	1.7	46
50	Effect of roasting on the radical scavenging activity of cocoa beans. <i>European Food Research and Technology</i> , 2006, 222, 368-375.	1.6	45
51	New Aspects on <i>Listeria monocytogenes</i> ST5-ECVI Predominance in a Heavily Contaminated Cheese Processing Environment. <i>Frontiers in Microbiology</i> , 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. <i>Mutation Research - Reviews in Mutation Research</i> , 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. <i>Annals of Nutrition and Metabolism</i> , 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. <i>Annals of Nutrition and Metabolism</i> , 2001, 45, 265-272.	1.0	43

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55	Cytotoxic and apoptotic effects of single and mixed oxides of β -sitosterol on HepG2-cells. <i>Toxicology in Vitro</i> , 2009, 23, 755-762.	1.1	43
56	Gallic Acid Improves Health-Associated Biochemical Parameters and Prevents Oxidative Damage of DNA in Type 2 Diabetes Patients: Results of a Placebo-Controlled Pilot Study. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700482.	1.5	42
57	Phytosterol Content and Fatty Acid Pattern of Ten Different Nut Types. <i>International Journal for Vitamin and Nutrition Research</i> , 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. <i>Food Chemistry</i> , 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. <i>Journal of Nutrition, Health and Aging</i> , 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 <i>MLH1</i> and <i>DNMT1</i> Dose Dependently in Caco-2 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	1.9	39
61	Exercise-induced DNA damage: is there a relationship with inflammatory responses?. <i>Exercise Immunology Review</i> , 2008, 14, 51-72.	0.4	39
62	Vitamin and antioxidant rich diet increases MLH1 promoter DNA methylation in DMT2 subjects. <i>Clinical Epigenetics</i> , 2012, 4, 19.	1.8	37
63	Biliverdin modulates the expression of C5aR in response to endotoxin in part via mTOR signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 94-99.	1.0	37
64	Haematoporphyrin- and sodium chlorophyllin-induced phototoxicity towards bacteria and yeasts – a new approach for safe foods. <i>Food Control</i> , 2001, 12, 529-533.	2.8	36
65	Endurance exercise and DNA stability: Is there a link to duration and intensity?. <i>Mutation Research - Reviews in Mutation Research</i> , 2009, 682, 28-38.	2.4	36
66	Haem catabolism: a novel modulator of inflammation in Gilbert's syndrome. <i>European Journal of Clinical Investigation</i> , 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. <i>Experimental Gerontology</i> , 2015, 65, 16-22.	1.2	36
68	The nutrient composition of European ready meals: Protein, fat, total carbohydrates and energy. <i>Food Chemistry</i> , 2015, 172, 190-196.	4.2	36
69	Mild hyperbilirubinaemia as an endogenous mitigator of overweight and obesity: Implications for improved metabolic health. <i>Atherosclerosis</i> , 2018, 269, 306-311.	0.4	36
70	Vegetables and PUFA-rich plant oil reduce DNA strand breaks in individuals with type 2 diabetes. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 328-338.	1.5	35
71	Impact of endurance and ultraendurance exercise on DNA damage. <i>Annals of the New York Academy of Sciences</i> , 2011, 1229, 115-123.	1.8	33
72	In vitro antioxidant capacity and antigenotoxic properties of protoporphyrin and structurally related tetrapyrroles. <i>Free Radical Research</i> , 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. <i>Journal of Nutrition, Health and Aging</i> , 2012, 16, 206-212.	1.5	33
74	Super DNAging—New insights into DNA integrity, genome stability and telomeres in the oldest old. <i>Mutation Research - Reviews in Mutation Research</i> , 2015, 766, 48-57.	2.4	33
75	Dietary intake of advanced glycation end products (AGEs) and changes in body weight in European adults. <i>European Journal of Nutrition</i> , 2020, 59, 2893-2904.	1.8	33
76	Genotoxicity and mutagenicity of melanoidins isolated from a roasted glucose-glycine model in human lymphocyte cultures, intestinal Caco-2 cells and in the <i>Salmonella typhimurium</i> strains TA98 and TA102 applying the AMES test. <i>Food and Chemical Toxicology</i> , 2004, 42, 1487-1495.	1.8	32
77	Features of an altered AMPK metabolic pathway in Gilbert's Syndrome, and its role in metabolic health. <i>Scientific Reports</i> , 2016, 6, 30051.	1.6	32
78	Impact of xanthohumol (a prenylated flavonoid from hops) on DNA stability and other health-related biochemical parameters: Results of human intervention trials. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 773-786.	1.5	32
79	Effects of dietary nitrate on inflammation and immune function, and implications for cardiovascular health. <i>Nutrition Reviews</i> , 2019, 77, 584-599.	2.6	32
80	The anti-mutagenic and antioxidant effects of bile pigments in the Ames <i>Salmonella</i> test. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 629, 122-132.	0.9	31
81	No Acute and Persistent DNA Damage after an Ironman Triathlon. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 1913-1919.	1.1	31
82	Bilirubin scavenges chloramines and inhibits myeloperoxidase-induced protein/lipid oxidation in physiologically relevant hyperbilirubinemic serum. <i>Free Radical Biology and Medicine</i> , 2015, 86, 259-268.	1.3	31
83	Acute impact of submaximal resistance exercise on immunological and hormonal parameters in young men. <i>Journal of Sports Sciences</i> , 2003, 21, 1001-1008.	1.0	30
84	The potential antimutagenic and antioxidant effects of Maillard reaction products used as natural antibrowning agents. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 496-504.	1.5	30
85	Pre- or post-ischemic bilirubin ditaurate treatment reduces oxidative tissue damage and improves cardiac function. <i>International Journal of Cardiology</i> , 2016, 202, 27-33.	0.8	30
86	Antioxidative Power of Plant Oils in Humans: The Influence of α - and β -Tocopherol. <i>Annals of Nutrition and Metabolism</i> , 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. <i>Mutagenesis</i> , 2012, 27, 731-735.	1.0	28
88	The sensitivity of biomarkers for genotoxicity and acute cytotoxicity in nasal and buccal cells of welders. <i>International Journal of Hygiene and Environmental Health</i> , 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). <i>Nutrients</i> , 2019, 11, 2207.	1.7	28
90	The Revised Dietary Reference Values for the Intake of Vitamin B ₁₂ : Prevention of Deficiency and Beyond. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801178.	1.5	28

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91	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. <i>BMC Medicine</i> , 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. <i>Mutagenesis</i> , 2015, 30, 147-153.	1.0	27
93	Predominance of Distinct <i>Listeria Innocua</i> and <i>Listeria Monocytogenes</i> in Recurrent Contamination Events at Dairy Processing Facilities. <i>Microorganisms</i> , 2020, 8, 234.	1.6	27
94	Prevention of oxidative DNA damage in inner organs and lymphocytes of rats by green tea extract. <i>European Journal of Nutrition</i> , 2010, 49, 227-234.	1.8	26
95	Impact of exposure to wood dust on genotoxicity and cytotoxicity in exfoliated buccal and nasal cells. <i>Mutagenesis</i> , 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. <i>Nutrients</i> , 2021, 13, 3109.	1.7	26
97	β - and γ -tocopherols are more effective than α -tocopherol on the autoxidation of a 10% rapeseed oil triacylglycerol-in-water emulsion with and without a radical initiator. <i>European Journal of Lipid Science and Technology</i> , 2004, 106, 44-51.	1.0	25
98	Lipid oxidation of beef fillets during braising with different cooking oils. <i>Meat Science</i> , 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. <i>Toxicology</i> , 2010, 278, 211-216.	2.0	24
100	Anti-Genotoxic Potential of Bilirubin <i>In Vivo</i> : Damage to DNA in Hyperbilirubinemic Human and Animal Models. <i>Cancer Prevention Research</i> , 2013, 6, 1056-1063.	0.7	24
101	Hyperbilirubinemia modulates myocardial function, aortic ejection, and ischemic stress resistance in the Gunn rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1142-H1149.	1.5	24
102	Effects of Diets High in Unsaturated Fatty Acids on Socially Induced Stress Responses in Guinea Pigs. <i>PLoS ONE</i> , 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. <i>Mutagenesis</i> , 2014, 29, 1-6.	1.0	22
104	Chronically elevated bilirubin protects from cardiac reperfusion injury in the male Gunn rat. <i>Acta Physiologica</i> , 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. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2019, 54, 921-933.	1.1	22
106	Bilirubin Decreases Macrophage Cholesterol Efflux and ATP-Binding Cassette Transporter A1 Protein Expression. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	21
107	“Micronuclei and Disease”-special issue: Aims, scope, and synthesis of outcomes. <i>Mutation Research - Reviews in Mutation Research</i> , 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. <i>International Journal of Hygiene and Environmental Health</i> , 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. <i>Mutation Research - Reviews in Mutation Research</i> , 2020, 786, 108343.	2.4	20
110	DNA damage in response to an Ironman triathlon. <i>Free Radical Research</i> , 2009, 43, 753-760.	1.5	19
111	Intake of a resveratrol-containing dietary supplement has no impact on DNA stability in healthy subjects. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 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. <i>Mutagenesis</i> , 2013, 28, 205-211.	1.0	19
113	The influence of age and aerobic fitness on chromosomal damage in Austrian institutionalised elderly. <i>Mutagenesis</i> , 2014, 29, 441-445.	1.0	19
114	Salt as a public health challenge in continental European convenience and ready meals. <i>Public Health Nutrition</i> , 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, double-blind intervention study. <i>Journal of Human Nutrition and Dietetics</i> , 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. <i>Scientific Reports</i> , 2016, 6, 38084.	1.6	19
117	Longer telomeres in chronic, moderate, unconjugated hyperbilirubinaemia: insights from a human study on Gilbert's Syndrome. <i>Scientific Reports</i> , 2016, 6, 22300.	1.6	19
118	Association of Genomic Instability with HbA1c levels and Medication in Diabetic Patients. <i>Scientific Reports</i> , 2017, 7, 41985.	1.6	19
119	Biliverdin and bilirubin sulfonate inhibit monosodium urate induced sterile inflammation in the rat. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 155, 105546.	1.9	19
120	Influence of age and physical fitness on miRNA-21, TGF- β 2 and its receptors in leukocytes of healthy women. <i>Exercise Immunology Review</i> , 2015, 21, 154-63.	0.4	19
121	Effect of α - and γ -tocopherol on the oxidative stability of a mixed hydrogenated fat under frying conditions. <i>European Food Research and Technology</i> , 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. <i>European Journal of Nutrition</i> , 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. <i>Free Radical Biology and Medicine</i> , 2018, 121, 69-77.	1.3	18
124	Development and validation of a food frequency index using nutritional biomarkers in a sample of middle-aged and older adults. <i>Journal of Human Nutrition and Dietetics</i> , 2009, 22, 29-39.	1.3	17
125	Expanding LogP: Present possibilities. <i>Nuclear Medicine and Biology</i> , 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. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108367.	2.4	17

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127	Biomarkers of exercise-induced myocardial stress in relation to inflammatory and oxidative stress. <i>Exercise Immunology Review</i> , 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. <i>Toxicology in Vitro</i> , 2004, 18, 411-418.	1.1	16
129	Effects of food store quality on hibernation performance in common hamsters. <i>PLoS ONE</i> , 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. <i>Food Chemistry</i> , 2009, 114, 132-138.	4.2	15
131	In vitro anti-cancer activity of two ethno-pharmacological healing plants from Guatemala <i>Pluchea odorata</i> and <i>Phlebodium decumanum</i> . <i>International Journal of Oncology</i> , 2009, 34, 1117-28.	1.4	15
132	[¹⁸ F]FE@SUPPY and [¹⁸ F]FE@SUPPY:2 α^{\prime} metabolic considerations. <i>Nuclear Medicine and Biology</i> , 2010, 37, 421-426.	0.3	15
133	In vitro DNA-damaging effects of intestinal and related tetrapyrroles in human cancer cells. <i>Experimental Cell Research</i> , 2013, 319, 536-545.	1.2	15
134	Revised D-A-CH Reference Values for the Intake of Vitamin B ₆ . <i>Annals of Nutrition and Metabolism</i> , 2020, 76, 213-222.	1.0	15
135	Non-Nutritive Bioactive Food Constituents of Plants: Tocopherols (Vitamin E). <i>International Journal for Vitamin and Nutrition Research</i> , 2003, 73, 89-94.	0.6	14
136	Intake of Medication and Vitamin Status in the Elderly. <i>Annals of Nutrition and Metabolism</i> , 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. <i>PLoS ONE</i> , 2015, 10, e0140485.	1.1	14
138	Training and Racing Behaviors of Omnivorous, Vegetarian, and Vegan Endurance Runners—Results from the NURMI Study (Step 1). <i>Nutrients</i> , 2021, 13, 3521.	1.7	14
139	Effects of Beta-Carotene Supplementation on Free Radical Mechanism in Healthy Adult Subjects. <i>International Journal for Vitamin and Nutrition Research</i> , 2004, 74, 147-152.	0.6	13
140	Determination of cholesterol oxidation products in raw and processed beef and pork preparations. <i>European Food Research and Technology</i> , 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. <i>Journal of Natural Products</i> , 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. <i>Journal of Applied Physiology</i> , 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. <i>Scientific Reports</i> , 2017, 7, 755.	1.6	13
144	Female Endurance Runners Have a Healthier Diet than Males—Results from the NURMI Study (Step 2). <i>Nutrients</i> , 2022, 14, 2590.	1.7	13

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145	The Role of Fortified Foods – Situation in Austria. Forum of Nutrition, 2005, 57, 84-90.	3.7	12
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