

Karl-Heinz Wagner

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3201502/karl-heinz-wagner-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

204
papers

5,929
citations

40
h-index

66
g-index

219
ext. papers

6,865
ext. citations

4.8
avg, IF

5.79
L-index

#	Paper	IF	Citations
204	Tocopherols and total phenolics in 10 different nut types. <i>Food Chemistry</i> , 2006 , 98, 381-387	8.5	434
203	Gamma-tocopherol--an underestimated vitamin?. <i>Annals of Nutrition and Metabolism</i> , 2004 , 48, 169-88	4.5	198
202	A global view on the development of non communicable diseases. <i>Preventive Medicine</i> , 2012 , 54 Suppl, S38-41	4.3	191
201	Biological relevance of terpenoids. Overview focusing on mono-, di- and tetraterpenes. <i>Annals of Nutrition and Metabolism</i> , 2003 , 47, 95-106	4.5	161
200	Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA-protective dietary compounds. <i>Toxicology</i> , 2010 , 278, 88-100	4.4	152
199	Recovery after an Ironman triathlon: sustained inflammatory responses and muscular stress. <i>European Journal of Applied Physiology</i> , 2008 , 104, 417-26	3.4	144
198	Biomarkers of Aging: From Function to Molecular Biology. <i>Nutrients</i> , 2016 , 8,	6.7	125
197	Plasma antioxidants and lipid oxidation after submaximal resistance exercise in men. <i>European Journal of Nutrition</i> , 2004 , 43, 2-6	5.2	107
196	Instant coffee with high chlorogenic acid levels protects humans against oxidative damage of macromolecules. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 1722-33	5.9	104
195	Malnutrition and depression in the institutionalised elderly. <i>British Journal of Nutrition</i> , 2009 , 102, 1663-7	3.6	96
194	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, 5290-6	5.7	90
193	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	14.3	89
192	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	6.5	86
191	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. <i>British Journal of Nutrition</i> , 2008 , 99 E Suppl 1, ES3-52	3.6	86
190	Antioxidative potential of melanoidins isolated from a roasted glucose-glycine model. <i>Food Chemistry</i> , 2002 , 78, 375-382	8.5	83
189	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	7	81
188	Inhalative exposure to vanadium pentoxide causes DNA damage in workers: results of a multiple end point study. <i>Environmental Health Perspectives</i> , 2008 , 116, 1689-93	8.4	68

187	B-vitamin status and concentrations of homocysteine in Austrian omnivores, vegetarians and vegans. <i>Annals of Nutrition and Metabolism</i> , 2006 , 50, 485-91	4.5	68
186	Reduced circulating oxidized LDL is associated with hypocholesterolemia and enhanced thiol status in Gilbert syndrome. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 2120-7	7.8	67
185	Protection from age-related increase in lipid biomarkers and inflammation contributes to cardiovascular protection in Gilbert's syndrome. <i>Clinical Science</i> , 2013 , 125, 257-64	6.5	63
184	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	3	61
183	EGCG Prevents High Fat Diet-Induced Changes in Gut Microbiota, Decreases of DNA Strand Breaks, and Changes in Expression and DNA Methylation of and in C57BL/6J Male Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 3079148	6.7	60
182	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, 342-51	5.9	59
181	The antioxidant and phyloquinone content of wildy grown greens in Crete. <i>Food Chemistry</i> , 2006 , 99, 813-821	8.5	57
180	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	3	57
179	Functional benefits of citrus fruits in the management of diabetes. <i>Preventive Medicine</i> , 2012 , 54 Suppl, S12-6	4.3	55
178	Effects of elastic band resistance training and nutritional supplementation on physical performance of institutionalised elderly--A randomized controlled trial. <i>Experimental Gerontology</i> , 2015 , 72, 99-108	4.5	53
177	L. monocytogenes 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	5.8	53
176	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, 42-8	3.3	52
175	The anti-mutagenic properties of bile pigments. <i>Mutation Research - Reviews in Mutation Research</i> , 2008 , 658, 28-41	7	52
174	Effects of alpha-, gamma-, and delta-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, 7775-80	5.7	51
173	Diagnostic criteria and contributors to Gilbert's syndrome. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018 , 55, 129-139	9.4	46
172	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, 885-97	3.4	46
171	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, 274-87	3.7	45
170	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	3	45

169	LogP, a yesterday's value?. <i>Nuclear Medicine and Biology</i> , 2017 , 50, 1-10	2.1	44
168	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, 1677-88	3.7	42
167	Effect of roasting on the radical scavenging activity of cocoa beans. <i>European Food Research and Technology</i> , 2006 , 222, 368-375	3.4	42
166	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	4.5	41
165	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	3.3	40
164	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, 1129-38	3.6	40
163	No indications of persistent oxidative stress in response to an ironman triathlon. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 2119-28	1.2	39
162	Lipid concentrations of wild edible greens in Crete. <i>Food Chemistry</i> , 2006 , 99, 822-834	8.5	39
161	Cytotoxic and apoptotic effects of single and mixed oxides of beta-sitosterol on HepG2-cells. <i>Toxicology in Vitro</i> , 2009 , 23, 755-62	3.6	38
160	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, 161-7	5.2	38
159	Exercise-induced DNA damage: is there a relationship with inflammatory responses?. <i>Exercise Immunology Review</i> , 2008 , 14, 51-72	8.6	37
158	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,	6.7	34
157	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, 265-72	4.5	34
156	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	7	33
155	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	4.5	32
154	Food-derived peroxidized fatty acids may trigger hepatic inflammation: a novel hypothesis to explain steatohepatitis. <i>Journal of Hepatology</i> , 2013 , 59, 563-70	13.4	32
153	Comprehensive studies on the trans fatty acid content of Austrian foods: Convenience products, fast food and fats. <i>Food Chemistry</i> , 2008 , 108, 1054-60	8.5	32
152	Haematoporphyrin- and sodium chlorophyllin-induced phototoxicity towards bacteria and yeasts □ a new approach for safe foods. <i>Food Control</i> , 2001 , 12, 529-533	6.2	32

151	Oxidative Stress, DNA Damage and DNA Repair in Female Patients with Diabetes Mellitus Type 2. <i>PLoS ONE</i> , 2016 , 11, e0162082	3.7	32
150	Biliverdin modulates the expression of C5aR in response to endotoxin in part via mTOR signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 449, 94-9	3.4	31
149	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	5.2	30
148	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, 328-38	5.9	30
147	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, 219-23	5.2	30
146	Haem catabolism: a novel modulator of inflammation in Gilbert's syndrome. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 912-9	4.6	29
145	In vitro antioxidant capacity and antigenotoxic properties of protoporphyrin and structurally related tetrapyrroles. <i>Free Radical Research</i> , 2012 , 46, 1369-77	4	29
144	Phytosterol content and fatty acid pattern of ten different nut types. <i>International Journal for Vitamin and Nutrition Research</i> , 2013 , 83, 263-70	1.7	29
143	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	3.2	28
142	The anti-mutagenic and antioxidant effects of bile pigments in the Ames Salmonella test. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007 , 629, 122-32	3	28
141	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, 270-6	4.5	28
140	Antioxidative power of plant oils in humans: the influence of alpha- and gamma-tocopherol. <i>Annals of Nutrition and Metabolism</i> , 2001 , 45, 110-5	4.5	28
139	Vitamin and antioxidant rich diet increases MLH1 promoter DNA methylation in DMT2 subjects. <i>Clinical Epigenetics</i> , 2012 , 4, 19	7.7	27
138	Vitamin status in elderly people in relation to the use of nutritional supplements. <i>Journal of Nutrition, Health and Aging</i> , 2012 , 16, 206-12	5.2	27
137	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, 773-86	5.9	26
136	New Aspects on ST5-ECVI Predominance in a Heavily Contaminated Cheese Processing Environment. <i>Frontiers in Microbiology</i> , 2018 , 9, 64	5.7	26
135	No acute and persistent DNA damage after an Ironman triathlon. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 1913-9	4	26
134	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	5.9	26

133	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, 1487-95	4.7	26
132	Features of an altered AMPK metabolic pathway in Gilbert's Syndrome, and its role in metabolic health. <i>Scientific Reports</i> , 2016 , 6, 30051	4.9	26
131	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	5.9	26
130	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	7	25
129	Dietary Protein, Muscle and Physical Function in the Very Old. <i>Nutrients</i> , 2018 , 10,	6.7	25
128	Impact of endurance and ultraendurance exercise on DNA damage. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1229, 115-23	6.5	25
127	The nutrient composition of European ready meals: protein, fat, total carbohydrates and energy. <i>Food Chemistry</i> , 2015 , 172, 190-6	8.5	24
126	Mild hyperbilirubinaemia as an endogenous mitigator of overweight and obesity: Implications for improved metabolic health. <i>Atherosclerosis</i> , 2018 , 269, 306-311	3.1	24
125	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, 492-8	6.9	24
124	Effects of unconjugated bilirubin on chromosomal damage in individuals with Gilbert's syndrome measured with the micronucleus cytome assay. <i>Mutagenesis</i> , 2012 , 27, 731-5	2.8	24
123	Effects of dietary nitrate on inflammation and immune function, and implications for cardiovascular health. <i>Nutrition Reviews</i> , 2019 ,	6.4	23
122	Anti-genotoxic potential of bilirubin in vivo: damage to DNA in hyperbilirubinemic human and animal models. <i>Cancer Prevention Research</i> , 2013 , 6, 1056-63	3.2	23
121	Prevention of oxidative DNA damage in inner organs and lymphocytes of rats by green tea extract. <i>European Journal of Nutrition</i> , 2010 , 49, 227-34	5.2	23
120	α and β-tocopherols are more effective than γ-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	3	23
119	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, 211-6	4.4	22
118	Lipid oxidation of beef fillets during braising with different cooking oils. <i>Meat Science</i> , 2005 , 71, 440-5	6.4	22
117	Acute impact of submaximal resistance exercise on immunological and hormonal parameters in young men. <i>Journal of Sports Sciences</i> , 2003 , 21, 1001-8	3.6	22
116	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	5.2	22

115	The impact of six months strength training, nutritional supplementation or cognitive training on DNA damage in institutionalised elderly. <i>Mutagenesis</i> , 2015 , 30, 147-53	2.8	21
114	Counteraction of Oxidative Stress by Vitamin E Affects Epigenetic Regulation by Increasing Global Methylation and Gene Expression of and Dose Dependently in Caco-2 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 3734250	6.7	21
113	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	2.8	20
112	Bilirubin scavenges chloramines and inhibits myeloperoxidase-induced protein/lipid oxidation in physiologically relevant hyperbilirubinemic serum. <i>Free Radical Biology and Medicine</i> , 2015 , 86, 259-68	7.8	19
111	Impact of exposure to wood dust on genotoxicity and cytotoxicity in exfoliated buccal and nasal cells. <i>Mutagenesis</i> , 2015 , 30, 701-9	2.8	19
110	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, 82-7	6.9	19
109	Effects of diets high in unsaturated Fatty acids on socially induced stress responses in Guinea pigs. <i>PLoS ONE</i> , 2014 , 9, e116292	3.7	18
108	Genome damage in peripheral blood lymphocytes of diabetic and non-diabetic individuals after intervention with vegetables and plant oil. <i>Mutagenesis</i> , 2013 , 28, 205-11	2.8	18
107	Vitamin E und Haltbarkeit von Pflanzenölen. <i>Lipid - Fett</i> , 1997 , 99, 234-238		18
106	Bilirubin Decreases Macrophage Cholesterol Efflux and ATP-Binding Cassette Transporter A1 Protein Expression. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	17
105	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, H1142-9	5.2	17
104	Association of Genomic Instability with HbA1c levels and Medication in Diabetic Patients. <i>Scientific Reports</i> , 2017 , 7, 41985	4.9	16
103	Chronically elevated bilirubin protects from cardiac reperfusion injury in the male Gunn rat. <i>Acta Physiologica</i> , 2017 , 220, 461-470	5.6	16
102	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,	6.7	16
101	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, 468-78	3.1	16
100	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, 82-6	3	16
99	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, 411-8	3.6	16
98	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	7	16

97	Influence of age and physical fitness on miRNA-21, TGF- β and its receptors in leukocytes of healthy women. <i>Exercise Immunology Review</i> , 2015 , 21, 154-63	8.6	16
96	The Revised D-A-CH-Reference Values for the Intake of Vitamin B : Prevention of Deficiency and Beyond. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801178	5.9	15
95	[¹⁸ F]FE@SUPPY and [¹⁸ F]FE@SUPPY:2--metabolic considerations. <i>Nuclear Medicine and Biology</i> , 2010 , 37, 421-6	2.1	15
94	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	8.5	15
93	DNA damage in response to an Ironman triathlon. <i>Free Radical Research</i> , 2009 , 43, 753-60	4	15
92	In vitro DNA-damaging effects of intestinal and related tetrapyrroles in human cancer cells. <i>Experimental Cell Research</i> , 2013 , 319, 536-45	4.2	14
91	The influence of age and aerobic fitness on chromosomal damage in Austrian institutionalised elderly. <i>Mutagenesis</i> , 2014 , 29, 441-5	2.8	14
90	Salt as a public health challenge in continental European convenience and ready meals. <i>Public Health Nutrition</i> , 2014 , 17, 2459-66	3.3	14
89	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, 587-94	5.2	14
88	Effect of α and β -tocopherol on the oxidative stability of a mixed hydrogenated fat under frying conditions. <i>European Food Research and Technology</i> , 2005 , 221, 291-297	3.4	14
87	Longer telomeres in chronic, moderate, unconjugated hyperbilirubinaemia: insights from a human study on Gilbert's Syndrome. <i>Scientific Reports</i> , 2016 , 6, 22300	4.9	14
86	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> , 2018 , 54, 921-933	4.4	13
85	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	3.1	13
84	Determination of cholesterol oxidation products in raw and processed beef and pork preparations. <i>European Food Research and Technology</i> , 2007 , 224, 797-800	3.4	13
83	Biomarkers of exercise-induced myocardial stress in relation to inflammatory and oxidative stress. <i>Exercise Immunology Review</i> , 2007 , 13, 15-36	8.6	13
82	Age and the effect of exercise, nutrition and cognitive training on oxidative stress - The Vienna Active Aging Study (VAAS), a randomized controlled trial. <i>Free Radical Biology and Medicine</i> , 2018 , 121, 69-77	7.8	12
81	Intake of medication and vitamin status in the elderly. <i>Annals of Nutrition and Metabolism</i> , 2011 , 58, 118-25	4.5	12
80	Effects of food store quality on hibernation performance in common hamsters. <i>PLoS ONE</i> , 2017 , 12, e0185913	5.9	12

79	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	3.7	11
78	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	3.7	11
77	Non-nutritive bioactive food constituents of plants: tocopherols (vitamin E). <i>International Journal for Vitamin and Nutrition Research</i> , 2003 , 73, 89-94	1.7	11
76	The role of fortified foods--situation in Austria. <i>Forum of Nutrition</i> , 2005 , 57, 84-90		11
75	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. <i>BMC Medicine</i> , 2020 , 18, 229	11.4	11
74	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	4.9	11
73	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	4.9	10
72	Endogenous Tetrapyrroles Influence Leukocyte Responses to Lipopolysaccharide in Human Blood: Pre-Clinical Evidence Demonstrating the Anti-Inflammatory Potential of Biliverdin. <i>Journal of Clinical & Cellular Immunology</i> , 2014 , 5, 1000218	2.7	10
71	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, 1958-65	4.9	10
70	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	10
69	Effects of beta-carotene supplementation on free radical mechanism in healthy adult subjects. <i>International Journal for Vitamin and Nutrition Research</i> , 2004 , 74, 147-52	1.7	10
68	Acute bilirubin ditaurate exposure attenuates ex vivo platelet reactive oxygen species production, granule exocytosis and activation. <i>Redox Biology</i> , 2019 , 26, 101250	11.3	9
67	Unprecedented Microbial Conversion of Biliverdin into Bilirubin-10-sulfonate. <i>Scientific Reports</i> , 2019 , 9, 2988	4.9	9
66	Extracellular and intracellular anti-mutagenic effects of bile pigments in the <i>Salmonella typhimurium</i> reverse mutation assay. <i>Toxicology in Vitro</i> , 2013 , 27, 433-7	3.6	9
65	Separation and isolation of β-steroid oxides and their non-mutagenic potential in the <i>Salmonella</i> microsome assay. <i>Food Chemistry</i> , 2010 , 118, 133-140	8.5	9
64	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. <i>Journal of Lipid Research</i> , 2002 , 43, 878-884	6.3	9
63	Biliverdin and bilirubin sulfonate inhibit monosodium urate induced sterile inflammation in the rat. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 155, 105546	5.1	9
62	Expanding LogP: Present possibilities. <i>Nuclear Medicine and Biology</i> , 2018 , 58, 20-32	2.1	9

61	Predominance of Distinct and in Recurrent Contamination Events at Dairy Processing Facilities. <i>Microorganisms</i> , 2020 , 8,	4.9	8
60	Anti-leukaemic effects of two extract types of <i>Lactuca sativa</i> correlate with the activation of Chk2, induction of p21, downregulation of cyclin D1 and acetylation of alpha-tubulin. <i>Oncology Reports</i> , 2010 , 23, 1145-51	3.5	8
59	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. <i>Journal of Nutritional Science</i> , 2020 , 9, e25	2.7	8
58	Sex-specific effects of dietary fatty acids on saliva cortisol and social behavior in guinea pigs under different social environmental conditions. <i>Biology of Sex Differences</i> , 2016 , 7, 51	9.3	8
57	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	5.9	8
56	Selected quality parameters of salmon and meat when fried with or without added fat. <i>International Journal for Vitamin and Nutrition Research</i> , 2006 , 76, 238-46	1.7	7
55	Comprehensive Profiling of the Circulatory miRNAome Response to a High Protein Diet in Elderly Men: A Potential Role in Inflammatory Response Modulation. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800811	5.9	6
54	Do Visually Impaired People Develop Superior Smell Ability?. <i>Perception</i> , 2017 , 46, 1171-1182	1.2	6
53	The stability of methyl-, ethyl- and fluoroethylesters against carboxylesterases in vitro: there is no difference. <i>Nuclear Medicine and Biology</i> , 2011 , 38, 13-7	2.1	6
52	Homocysteine and asymmetric dimethylarginine in relation to B vitamins in elderly people. <i>Wiener Klinische Wochenschrift</i> , 2011 , 123, 496-501	2.3	6
51	Tocopherol composition of deodorization distillates and their antioxidative activity. <i>Molecular Nutrition and Food Research</i> , 2004 , 48, 34-7		6
50	Effects of seed damage on the oxidative stability of poppy seed oil. <i>European Journal of Lipid Science and Technology</i> , 2003 , 105, 219-224	3	6
49	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. <i>Redox Biology</i> , 2020 , 28, 101362	11.3	6
48	Reproductive performance and gestational effort in relation to dietary fatty acids in guinea pigs. <i>Journal of Animal Science and Biotechnology</i> , 2017 , 8, 28	6	5
47	Fat Soluble Vitamins in Institutionalized Elderly and the Effect of Exercise, Nutrition and Cognitive Training on Their Status-The Vienna Active Aging Study (VAAS): A Randomized Controlled Trial. <i>Nutrients</i> , 2019 , 11,	6.7	5
46	Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019 , 10, 324	5.7	5
45	Revised D-A-CH Reference Values for the Intake of Vitamin B6. <i>Annals of Nutrition and Metabolism</i> , 2020 , 76, 213-222	4.5	5
44	Chemical and biological modulations of food due to the frying process. <i>International Journal for Vitamin and Nutrition Research</i> , 2012 , 82, 163-7	1.7	5

43	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	7	5
42	Dietary intake of advanced glycation endproducts and risk of hepatobiliary cancers: A multinational cohort study. <i>International Journal of Cancer</i> , 2021 , 149, 854	7.5	5
41	Impact of a High Protein Intake on the Plasma Metabolome in Elderly Males: 10 Week Randomized Dietary Intervention. <i>Frontiers in Nutrition</i> , 2019 , 6, 180	6.2	5
40	Association between Polymorphisms in Vitamin D Pathway-Related Genes, Vitamin D Status, Muscle Mass and Function: A Systematic Review. <i>Nutrients</i> , 2021 , 13,	6.7	5
39	Regulation of Amino Acid Transporters and Sensors in Response to a High protein Diet: A Randomized Controlled Trial in Elderly Men. <i>Journal of Nutrition, Health and Aging</i> , 2019 , 23, 354-363	5.2	4
38	Fractionation of an Extract of <i>Pluchea odorata</i> Separates a Property Indicative for the Induction of Cell Plasticity from One That Inhibits a Neoplastic Phenotype. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 701927	2.3	4
37	Impact of dietary and lifestyle interventions in elderly or people diagnosed with diabetes, metabolic disorders, cardiovascular disease, cancer and micronutrient deficiency on micronuclei frequency - A systematic review and meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 787, 108367	7	4
36	A new method measuring the interaction of radiotracers with the human P-glycoprotein (P-gp) transporter. <i>Nuclear Medicine and Biology</i> , 2018 , 60, 29-36	2.1	3
35	Dietary fatty acids sex-specifically modulate guinea pig postnatal development via cortisol concentrations. <i>Scientific Reports</i> , 2018 , 8, 471	4.9	3
34	Influence of polyphenol-rich apple pomace extract on oxidative damage to DNA in type 2 diabetes mellitus individuals. <i>Cancer & Metabolism</i> , 2014 , 2,	5.4	3
33	Interaction between TNF α and tetrapyrroles may account for their anti-genotoxic effects: A novel mechanism for DNA-protection. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 1157-1166	1.8	3
32	"Micronuclei and Disease" special issue: Aims, scope, and synthesis of outcomes. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 788, 108384	7	3
31	Inhibition of Lipid Accumulation in Skeletal Muscle and Liver Cells: A Protective Mechanism of Bilirubin Against Diabetes Mellitus Type 2. <i>Frontiers in Pharmacology</i> , 2020 , 11, 636533	5.6	3
30	Saliva cortisol responses to altered plasma PUFA patterns in guinea pigs. <i>British Journal of Nutrition</i> , 2018 , 120, 1240-1251	3.6	3
29	Quantification of the radio-metabolites of the serotonin-1A receptor radioligand [carbonyl- ¹¹ C]WAY-100635 in human plasma: an HPLC-assay which enables measurement of two patients in parallel. <i>Applied Radiation and Isotopes</i> , 2012 , 70, 2730-6	1.7	2
28	Serum metabolomics analysis reveals increased lipid catabolism in mildly hyperbilirubinemic Gilbert's syndrome individuals. <i>Metabolism: Clinical and Experimental</i> , 2021 , 125, 154913	12.7	2
27	Mitochondrial Function, Fatty Acid Metabolism, and Body Composition in the Hyperbilirubinemic Gunn Rat. <i>Frontiers in Pharmacology</i> , 2021 , 12, 586715	5.6	2
26	Pharmacokinetics of bilirubin-10-sulfonate and biliverdin in the rat. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 159, 105684	5.1	2

25	Elastic band resistance training influences transforming growth factor- β receptor I mRNA expression in peripheral mononuclear cells of institutionalised older adults: the Vienna Active Ageing Study (VAAS). <i>Immunity and Ageing</i> , 2016 , 13, 22	9.7	2
24	Genetically Raised Circulating Bilirubin Levels and Risk of Ten Cancers: A Mendelian Randomization Study. <i>Cells</i> , 2021 , 10,	7.9	2
23	Effects of an increased habitual dietary protein intake followed by resistance training on fitness, muscle quality and body composition of seniors: A randomised controlled trial.. <i>Clinical Nutrition</i> , 2022 , 41, 1034-1045	5.9	2
22	Mildly decreased preoperative bilirubin levels are associated with infections after shoulder and knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 2074-2082	3.8	1
21	Antioxidants in Sport Nutrition 2014 , 67-77		1
20	Thanks to body exercise, getting mobile and being less dependent. <i>Annals of Nutrition and Metabolism</i> , 2008 , 52 Suppl 1, 38-42	4.5	1
19	Separation of anti-neoplastic activities by fractionation of a <i>Pluchea odorata</i> extract. <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 1326-36	1.6	1
18	The impact of bilirubin ditaurate on platelet quality during storage. <i>Platelets</i> , 2020 , 31, 884-896	3.6	1
17	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. <i>Antioxidants</i> , 2020 , 9,	7.1	1
16	Effects of dietary fatty acids on the social life of male Guinea pigs from adolescence to adulthood. <i>Hormones and Behavior</i> , 2020 , 124, 104784	3.7	1
15	Breastfeeding Prevalence in Austria according to the WHO IYCF Indicators-The SUKIE-Study. <i>Nutrients</i> , 2021 , 13,	6.7	1
14	Analysis of Human Faecal Host Proteins: Responsiveness to 10-Week Dietary Intervention Modifying Dietary Protein Intake in Elderly Males. <i>Frontiers in Nutrition</i> , 2020 , 7, 595905	6.2	1
13	Steroid hormone concentrations and body mass are differently affected by polyunsaturated fatty acids during the oestrous cycle in guinea pigs. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 1077-1086	1.8	1
12	Gilbert's Syndrome and the Gut Microbiota - Insights From the Case-Control BILIHEALTH Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 701109	5.9	1
11	Responsiveness of one-carbon metabolites to a high-protein diet in older men: Results from a 10-wk randomized controlled trial. <i>Nutrition</i> , 2021 , 89, 111231	4.8	1
10	Super DNAgeing - New Insights Into DNA Integrity, Genome Stability, and Telomeres in the Oldest Old 2018 , 1083-1093		0
9	Nutritional supplementation alters associations between one-carbon metabolites and cardiometabolic risk profiles in older adults: a secondary analysis of the Vienna Active Ageing Study. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	0
8	Bilirubin as an indicator of cardiometabolic health: a cross-sectional analysis in the UK Biobank.. <i>Cardiovascular Diabetology</i> , 2022 , 21, 54	8.7	0

- 7 Effect of a Tailored Dietary Intervention with High or Standard Protein Intake on B-Vitamin and One Carbon Metabolism Status in Healthy Older Males: A 10 Week Randomised Controlled Trial. *Proceedings (mdpi)*, **2019**, 8, 19 0.3
- 6 Data on the highly diverse plasma response to a drink containing nutrients. *Data in Brief*, **2020**, 29, 105309. 0.2
- 5 Stoffwechselprinzipien der Ernährung **2018**, 319-356
- 4 Reduced LDL oxidation is secondary to protection from in vivo thiol oxidation and hypocholesterolemia in Gilbert's syndrome. *FASEB Journal*, **2012**, 26, 681.2 0.9
- 3 Impact of 6-Month Nutritional Supplementation and Resistance Training on Chromosome and DNA Damage in Older Adults: Exploring the Role of One Carbon Metabolites. *Proceedings (mdpi)*, **2019**, 37, 35 0.3
- 2 Methods to Determine Total Antioxidative Capacity and Oxidative DNA Damage 229-244
- 1 Handgrip Strength Values Depend on Tumor Entity and Predict 180-Day Mortality in Malnourished Cancer Patients. *Nutrients*, **2022**, 14, 2173 6.7