

Karl-Heinz Wagner

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3201502/karl-heinz-wagner-publications-by-year.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	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
203	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
202	Handgrip Strength Values Depend on Tumor Entity and Predict 180-Day Mortality in Malnourished Cancer Patients. <i>Nutrients</i> , 2022 , 14, 2173	6.7	
201	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
200	Mitochondrial Function, Fatty Acid Metabolism, and Body Composition in the Hyperbilirubinemic Gunn Rat. <i>Frontiers in Pharmacology</i> , 2021 , 12, 586715	5.6	2
199	Pharmacokinetics of bilirubin-10-sulfonate and biliverdin in the rat. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 159, 105684	5.1	2
198	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
197	Breastfeeding Prevalence in Austria according to the WHO IYCF Indicators-The SUKIE-Study. <i>Nutrients</i> , 2021 , 13,	6.7	1
196	"Micronuclei and Disease" special issue: Aims, scope, and synthesis of outcomes. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 788, 108384	7	3
195	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
194	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
193	Genetically Raised Circulating Bilirubin Levels and Risk of Ten Cancers: A Mendelian Randomization Study. <i>Cells</i> , 2021 , 10,	7.9	2
192	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
191	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
190	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
189	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
188	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

187	Data on the highly diverse plasma response to a drink containing nutrients. <i>Data in Brief</i> , 2020 , 29, 1053092		
186	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
185	Predominance of Distinct and in Recurrent Contamination Events at Dairy Processing Facilities. <i>Microorganisms</i> , 2020 , 8,	4.9	8
184	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
183	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
182	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
181	The impact of bilirubin ditaurate on platelet quality during storage. <i>Platelets</i> , 2020 , 31, 884-896	3.6	1
180	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
179	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
178	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
177	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
176	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
175	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. <i>BMC Medicine</i> , 2020 , 18, 229	11.4	11
174	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
173	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
172	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
171	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
170	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

169	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
168	Effects of dietary nitrate on inflammation and immune function, and implications for cardiovascular health. <i>Nutrition Reviews</i> , 2019 ,	6.4	23
167	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. <i>Proceedings (mdpi)</i> , 2019 , 8, 19	0.3	
166	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
165	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
164	Unprecedented Microbial Conversion of Biliverdin into Bilirubin-10-sulfonate. <i>Scientific Reports</i> , 2019 , 9, 2988	4.9	9
163	Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019 , 10, 324	5.7	5
162	Impact of 6-Month Nutritional Supplementation and Resistance Training on Chromosome and DNA Damage in Older Adults: Exploring the Role of One Carbon Metabolites. <i>Proceedings (mdpi)</i> , 2019 , 37, 35	0.3	
161	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
160	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
159	Diagnostic criteria and contributors to Gilbert's syndrome. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018 , 55, 129-139	9.4	46
158	Dietary fatty acids sex-specifically modulate guinea pig postnatal development via cortisol concentrations. <i>Scientific Reports</i> , 2018 , 8, 471	4.9	3
157	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
156	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
155	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
154	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
153	Dietary Protein, Muscle and Physical Function in the Very Old. <i>Nutrients</i> , 2018 , 10,	6.7	25
152	New Aspects on ST5-ECVI Predominance in a Heavily Contaminated Cheese Processing Environment. <i>Frontiers in Microbiology</i> , 2018 , 9, 64	5.7	26

151	Super DNAGingNew Insights Into DNA Integrity, Genome Stability, and Telomeres in the Oldest Old 2018 , 1083-1093		0
150	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
149	Stoffwechselprinzipien der Ernährung 2018 , 319-356		
148	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
147	Expanding LogP: Present possibilities. <i>Nuclear Medicine and Biology</i> , 2018 , 58, 20-32	2.1	9
146	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
145	Saliva cortisol responses to altered plasma PUFA patterns in guinea pigs. <i>British Journal of Nutrition</i> , 2018 , 120, 1240-1251	3.6	3
144	Association of Genomic Instability with HbA1c levels and Medication in Diabetic Patients. <i>Scientific Reports</i> , 2017 , 7, 41985	4.9	16
143	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	2.7	11
142	Chronically elevated bilirubin protects from cardiac reperfusion injury in the male Gunn rat. <i>Acta Physiologica</i> , 2017 , 220, 461-470	5.6	16
141	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
140	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
139	LogP, a yesterday's value?. <i>Nuclear Medicine and Biology</i> , 2017 , 50, 1-10	2.1	44
138	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
137	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
136	Do Visually Impaired People Develop Superior Smell Ability?. <i>Perception</i> , 2017 , 46, 1171-1182	1.2	6
135	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
134	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

133	Effects of food store quality on hibernation performance in common hamsters. <i>PLoS ONE</i> , 2017 , 12, e0185913	12
132	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
131	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
130	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
129	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
128	Biomarkers of Aging: From Function to Molecular Biology. <i>Nutrients</i> , 2016 , 8,	6.7 125
127	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
126	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
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	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
117	Super DNAgeing-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
116	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

115	The nutrient composition of European ready meals: protein, fat, total carbohydrates and energy. <i>Food Chemistry</i> , 2015 , 172, 190-6	8.5	24
114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	Antioxidants in Sport Nutrition 2014 , 67-77		1
103	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
102	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
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, H1142-9	5.2	17
100	The influence of age and aerobic fitness on chromosomal damage in Austrian institutionalised elderly. <i>Mutagenesis</i> , 2014 , 29, 441-5	2.8	14
99	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
98	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

97	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
96	Extracellular and intracellular anti-mutagenic effects of bile pigments in the Salmonella typhimurium reverse mutation assay. <i>Toxicology in Vitro</i> , 2013 , 27, 433-7	3.6	9
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	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
84	A global view on the development of non communicable diseases. <i>Preventive Medicine</i> , 2012 , 54 Suppl, S38-41	4.3	191
83	Functional benefits of citrus fruits in the management of diabetes. <i>Preventive Medicine</i> , 2012 , 54 Suppl, S12-6	4.3	55
82	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
81	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
80	In vitro antioxidant capacity and antigenotoxic properties of protoporphyrin and structurally related tetrapyrroles. <i>Free Radical Research</i> , 2012 , 46, 1369-77	4	29

79	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
78	Vitamin and antioxidant rich diet increases MLH1 promoter DNA methylation in DMT2 subjects. <i>Clinical Epigenetics</i> , 2012 , 4, 19	7.7	27
77	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
76	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
75	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
74	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
73	Reduced LDL oxidation is secondary to protection from in vivo thiol oxidation and hypocholesterolemia in Gilbert syndrome. <i>FASEB Journal</i> , 2012 , 26, 681.2	0.9	
72	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
71	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
70	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
69	Homocysteine and asymmetric dimethylarginine in relation to B vitamins in elderly people. <i>Wiener Klinische Wochenschrift</i> , 2011 , 123, 496-501	2.3	6
68	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
67	Intake of medication and vitamin status in the elderly. <i>Annals of Nutrition and Metabolism</i> , 2011 , 58, 118-25	4.5	12
66	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
65	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
64	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
63	[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
62	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

61	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
60	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
59	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
58	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
57	Separation and isolation of βsitosterol oxides and their non-mutagenic potential in the Salmonella microsome assay. <i>Food Chemistry</i> , 2010 , 118, 133-140	8.5	9
56	Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA-protective dietary compounds. <i>Toxicology</i> , 2010 , 278, 88-100	4.4	152
55	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
54	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
53	DNA damage in response to an Ironman triathlon. <i>Free Radical Research</i> , 2009 , 43, 753-60	4	15
52	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
51	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
50	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
49	Malnutrition and depression in the institutionalised elderly. <i>British Journal of Nutrition</i> , 2009 , 102, 1663-7.6	3.6	96
48	The anti-mutagenic properties of bile pigments. <i>Mutation Research - Reviews in Mutation Research</i> , 2008 , 658, 28-41	7	52
47	No acute and persistent DNA damage after an Ironman triathlon. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 1913-9	4	26
46	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
45	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
44	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

43	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
42	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
41	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
40	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
39	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
38	Exercise-induced DNA damage: is there a relationship with inflammatory responses?. <i>Exercise Immunology Review</i> , 2008 , 14, 51-72	8.6	37
37	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
36	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
35	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
34	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
33	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
32	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
31	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
30	Tocopherols and total phenolics in 10 different nut types. <i>Food Chemistry</i> , 2006 , 98, 381-387	8.5	434
29	The antioxidant and phylloquinone content of wildy grown greens in Crete. <i>Food Chemistry</i> , 2006 , 99, 813-821	8.5	57
28	Lipid concentrations of wild edible greens in Crete. <i>Food Chemistry</i> , 2006 , 99, 822-834	8.5	39
27	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
26	Lipid oxidation of beef fillets during braising with different cooking oils. <i>Meat Science</i> , 2005 , 71, 440-5	6.4	22

25	Effect of β - and α -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
24	The role of fortified foods--situation in Austria. <i>Forum of Nutrition</i> , 2005 , 57, 84-90		11
23	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
22	Plasma antioxidants and lipid oxidation after submaximal resistance exercise in men. <i>European Journal of Nutrition</i> , 2004 , 43, 2-6	5.2	107
21	β - and α -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
20	Tocopherol composition of deodorization distillates and their antioxidative activity. <i>Molecular Nutrition and Food Research</i> , 2004 , 48, 34-7		6
19	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
18	Gamma-tocopherol--an underestimated vitamin?. <i>Annals of Nutrition and Metabolism</i> , 2004 , 48, 169-88	4.5	198
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	Antioxidative potential of melanoidins isolated from a roasted glucose-glycine model. <i>Food Chemistry</i> , 2002 , 78, 375-382	8.5	83
9	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
8	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

7	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
6	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
5	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
4	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
3	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
2	Vitamin E und Haltbarkeit von Pflanzenölen. <i>Lipid - Fett</i> , 1997 , 99, 234-238		18
1	Methods to Determine Total Antioxidative Capacity and Oxidative DNA Damage	229-244	