

Karl-Heinz Wagner

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

7,751
citations

53660

45
h-index

74018

75
g-index

219
all docs

219
docs citations

219
times ranked

11168
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 61, 169-182.	1.8	3
2	Sexual dimorphism: increased sterol excretion leads to hypocholesterolaemia in female hyperbilirubinaemic Gunn rats. <i>Journal of Physiology</i> , 2022, 600, 1889-1911.	1.3	1
3	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.	2.3	7
4	Effects of Vitamin D3 Supplementation and Resistance Training on 25-Hydroxyvitamin D Status and Functional Performance of Older Adults: A Randomized Placebo-Controlled Trial. <i>Nutrients</i> , 2022, 14, 86.	1.7	11
5	Bilirubin as an indicator of cardiometabolic health: a cross-sectional analysis in the UK Biobank. <i>Cardiovascular Diabetology</i> , 2022, 21, 54.	2.7	10
6	Factors Associated with (Exclusive) Breastfeeding Duration—Results of the SUKIE-Study. <i>Nutrients</i> , 2022, 14, 1704.	1.7	11
7	Resistance training with or without nutritional supplementation showed no influence on muscle thickness in old institutionalized adults. A secondary analysis of the Vienna Active Ageing Study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2022, , .	1.1	0
8	Handgrip Strength Values Depend on Tumor Entity and Predict 180-Day Mortality in Malnourished Cancer Patients. <i>Nutrients</i> , 2022, 14, 2173.	1.7	3
9	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
10	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
11	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.	2.4	17
12	Genetically Raised Circulating Bilirubin Levels and Risk of Ten Cancers: A Mendelian Randomization Study. <i>Cells</i> , 2021, 10, 394.	1.8	11
13	Mitochondrial Function, Fatty Acid Metabolism, and Body Composition in the Hyperbilirubinemic Gunn Rat. <i>Frontiers in Pharmacology</i> , 2021, 12, 586715.	1.6	3
14	Pharmacokinetics of bilirubin-10-sulfonate and biliverdin in the rat. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 159, 105684.	1.9	7
15	Dietary intake of advanced glycation endproducts and risk of hepatobiliary cancers: A multinational cohort study. <i>International Journal of Cancer</i> , 2021, 149, 854-864.	2.3	12
16	Breastfeeding Prevalence in Austria according to the WHO IYCF Indicators—The SUKIE-Study. <i>Nutrients</i> , 2021, 13, 2096.	1.7	6
17	Associations between Prediagnostic Circulating Bilirubin Levels and Risk of Gastrointestinal Cancers in the UK Biobank. <i>Cancers</i> , 2021, 13, 2749.	1.7	3
18	—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

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19	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.	1.8	4
20	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
21	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.	1.1	2
22	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
23	Oxidative Stress and Related Biomarkers in Gilbert's Syndrome: A Secondary Analysis of Two Case-Control Studies. <i>Antioxidants</i> , 2021, 10, 1474.	2.2	8
24	The Effect of Elevated Protein Intake on DNA Damage in Older People: Comparative Secondary Analysis of Two Randomized Controlled Trials. <i>Nutrients</i> , 2021, 13, 3479.	1.7	4
25	Serum metabolomics analysis reveals increased lipid catabolism in mildly hyperbilirubinemic Gilbert's syndrome individuals. <i>Metabolism: Clinical and Experimental</i> , 2021, 125, 154913.	1.5	3
26	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
27	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
28	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.	3.9	11
29	The impact of bilirubin ditaurate on platelet quality during storage. <i>Platelets</i> , 2020, 31, 884-896.	1.1	1
30	Gilbert's syndrome, circulating bilirubin and lung cancer: a genetic advantage?. <i>Thorax</i> , 2020, 75, 916-917.	2.7	4
31	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, 908.	2.2	12
32	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.	1.0	4
33	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
34	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
35	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.	0.7	10
36	Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. <i>BMC Medicine</i> , 2020, 18, 229.	2.3	28

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37	Data on the highly diverse plasma response to a drink containing nutrients. <i>Data in Brief</i> , 2020, 29, 105309.	0.5	0
38	Mildly decreased preoperative bilirubin levels are associated with infections after shoulder and knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2074-2082.	1.2	1
39	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
40	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.	1.6	5
41	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.	1.6	3
42	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
43	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
44	In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019, 10, 324.	1.5	6
45	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
46	The Revised D-A-CH 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
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, 1333.	1.7	11
48	Acute bilirubin ditaurate exposure attenuates ex vivo platelet reactive oxygen species production, granule exocytosis and activation. <i>Redox Biology</i> , 2019, 26, 101250.	3.9	12
49	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
50	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, .	0.2	0
51	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, 1800811.	1.5	9
52	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.	1.5	5
53	Unprecedented Microbial Conversion of Biliverdin into Bilirubin-10-sulfonate. <i>Scientific Reports</i> , 2019, 9, 2988.	1.6	11
54	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, .	0.2	0

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55	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.	1.6	7
56	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.	0.3	5
57	Diagnostic criteria and contributors to Gilbert's syndrome. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 129-139.	2.7	89
58	Dietary fatty acids sex-specifically modulate guinea pig postnatal development via cortisol concentrations. <i>Scientific Reports</i> , 2018, 8, 471.	1.6	4
59	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
60	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.	1.3	18
61	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
62	Expanding LogP: Present possibilities. <i>Nuclear Medicine and Biology</i> , 2018, 58, 20-32.	0.3	17
63	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.	0.1	2
64	Saliva cortisol responses to altered plasma PUFA patterns in guinea pigs. <i>British Journal of Nutrition</i> , 2018, 120, 1240-1251.	1.2	4
65	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
66	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
67	Dietary Protein, Muscle and Physical Function in the Very Old. <i>Nutrients</i> , 2018, 10, 935.	1.7	50
68	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
69	Super DNAgeing – New Insights Into DNA Integrity, Genome Stability, and Telomeres in the Oldest Old. , 2018, , 1083-1093.		1
70	Stoffwechselprinzipien der Ernährung. , 2018, , 319-356.		0
71	Association of Genomic Instability with HbA1c levels and Medication in Diabetic Patients. <i>Scientific Reports</i> , 2017, 7, 41985.	1.6	19
72	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

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73	Chronically elevated bilirubin protects from cardiac reperfusion injury in the male Gunn rat. <i>Acta Physiologica</i> , 2017, 220, 461-470.	1.8	22
74	Bilirubin Decreases Macrophage Cholesterol Efflux and ATPâ€Binding Cassette Transporter A1 Protein Expression. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	21
75	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.	2.1	8
76	Log P , a yesterday's value?. <i>Nuclear Medicine and Biology</i> , 2017, 50, 1-10.	0.3	62
77	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
78	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
79	Do Visually Impaired People Develop Superior Smell Ability?. <i>Perception</i> , 2017, 46, 1171-1182.	0.5	7
80	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
81	EGCG Prevents High Fat Diet-Induced Changes in Gut Microbiota, Decreases of DNA Strand Breaks, and Changes in Expression and DNA Methylation of Dnmt1 and MLH1 in C57BL/6J Male Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	1.9	79
82	Effects of food store quality on hibernation performance in common hamsters. <i>PLoS ONE</i> , 2017, 12, e0185913.	1.1	16
83	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
84	Biomarkers of Aging: From Function to Molecular Biology. <i>Nutrients</i> , 2016, 8, 338.	1.7	210
85	Features of an altered AMPK metabolic pathway in Gilbertâ€™s Syndrome, and its role in metabolic health. <i>Scientific Reports</i> , 2016, 6, 30051.	1.6	32
86	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.	1.8	8
87	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
88	Longer telomeres in chronic, moderate, unconjugated hyperbilirubinaemia: insights from a human study on Gilbertâ€™s Syndrome. <i>Scientific Reports</i> , 2016, 6, 22300.	1.6	19
89	Elastic band resistance training influences transforming growth factor-âˆ“ 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.	1.8	9
90	Impact of xanthohumol (a prenylated flavonoid from hops) on DNA stability and other healthâ€related biochemical parameters: Results of human intervention trials. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 773-786.	1.5	32

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91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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.	1.2	71
100	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.	2.4	33
101	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
102	The nutrient composition of European ready meals: Protein, fat, total carbohydrates and energy. <i>Food Chemistry</i> , 2015, 172, 190-196.	4.2	36
103	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
104	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
105	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, 05, 1000218.	1.5	10
106	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
107	The influence of age and aerobic fitness on chromosomal damage in Austrian institutionalised elderly. <i>Mutagenesis</i> , 2014, 29, 441-445.	1.0	19
108	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

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109	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
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, 468-478.	1.3	19
111	Influence of polyphenol-rich apple pomace extract on oxidative damage to DNA in type 2 diabetes mellitus individuals. <i>Cancer & Metabolism</i> , 2014, 2, .	2.4	4
112	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
113	<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
114	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
115	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
116	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
117	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
118	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, 433-437.	1.1	11
119	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
120	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
121	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
122	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
123	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
124	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
125	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
126	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

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127	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
128	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.	0.4	4
129	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
130	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, 1-11.	0.5	6
131	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, 2730-2736.	0.7	3
132	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
133	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
134	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
135	Vitamin and antioxidant rich diet increases MLH1 promoter DNA methylation in DMT2 subjects. <i>Clinical Epigenetics</i> , 2012, 4, 19.	1.8	37
136	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
137	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
138	A global view on the development of non communicable diseases. <i>Preventive Medicine</i> , 2012, 54, S38-S41.	1.6	246
139	Functional benefits of citrus fruits in the management of diabetes. <i>Preventive Medicine</i> , 2012, 54, S12-S16.	1.6	71
140	Chemical and Biological Modulations of Food due to the Frying Process. <i>International Journal for Vitamin and Nutrition Research</i> , 2012, 82, 163-167.	0.6	6
141	Reduced LDL oxidation is secondary to protection from in vivo thiol oxidation and hypocholesterolemia in Gilbert's syndrome. <i>FASEB Journal</i> , 2012, 26, 681.2.	0.2	0
142	The stability of methyl-, ethyl- and fluoroethylesters against carboxylesterases in vitro: there is no difference. <i>Nuclear Medicine and Biology</i> , 2011, 38, 13-17.	0.3	6
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Homocysteine and asymmetric dimethylarginine in relation to B vitamins in elderly people. <i>Wiener Klinische Wochenschrift</i> , 2011, 123, 496-501.	1.0	7
146	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
147	Intake of Medication and Vitamin Status in the Elderly. <i>Annals of Nutrition and Metabolism</i> , 2011, 58, 118-125.	1.0	14
148	Separation of anti-neoplastic activities by fractionation of a <i>Pluchea odorata</i> extract. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1326-1336.	0.9	3
149	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
150	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
151	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
152	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
153	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
154	Separation and isolation of $\hat{1}^2$ -sitosterol oxides and their non-mutagenic potential in the Salmonella microsome assay. <i>Food Chemistry</i> , 2010, 118, 133-140.	4.2	9
155	Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA-protective dietary compounds. <i>Toxicology</i> , 2010, 278, 88-100.	2.0	174
156	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 $\hat{1}^{\pm}$ -tubulin. <i>Oncology Reports</i> , 2010, 23, 1145-51.	1.2	9
157	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
158	[^{18}F]FE@SUPPY and [^{18}F]FE@SUPPY:2 \hat{a}^{e} metabolic considerations. <i>Nuclear Medicine and Biology</i> , 2010, 37, 421-426.	0.3	15
159	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
160	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
161	DNA damage in response to an Ironman triathlon. <i>Free Radical Research</i> , 2009, 43, 753-760.	1.5	19
162	Cytotoxic and apoptotic effects of single and mixed oxides of $\hat{1}^2$ -sitosterol on HepG2-cells. <i>Toxicology in Vitro</i> , 2009, 23, 755-762.	1.1	43

#	ARTICLE	IF	CITATIONS
163	Endurance exercise and DNA stability: Is there a link to duration and intensity?. Mutation Research - Reviews in Mutation Research, 2009, 682, 28-38.	2.4	36
164	In vitro anti-cancer activity of two ethno-pharmacological healing plants from Guatemala Pluchea odorata and Phlebodium decumanum. International Journal of Oncology, 2009, 34, 1117-28.	1.4	15
165	Malnutrition and depression in the institutionalised elderly. British Journal of Nutrition, 2009, 102, 1663.	1.2	120
166	Recovery after an Ironman triathlon: sustained inflammatory responses and muscular stress. European Journal of Applied Physiology, 2008, 104, 417-426.	1.2	171
167	Radical scavenging activity, anti-bacterial and mutagenic effects of Cocoa bean Maillard Reaction products with degree of roasting. Molecular Nutrition and Food Research, 2008, 52, 342-351.	1.5	66
168	¹ H NMR spectroscopy as tool to follow changes in the fatty acids of fish oils. European Journal of Lipid Science and Technology, 2008, 110, 141-148.	1.0	51
169	Comprehensive studies on the trans fatty acid content of Austrian foods: Convenience products, fast food and fats. Food Chemistry, 2008, 108, 1054-1060.	4.2	41
170	The anti-mutagenic properties of bile pigments. Mutation Research - Reviews in Mutation Research, 2008, 658, 28-41.	2.4	64
171	Investigations concerning the long term effects of dietary factors on human health: Current topics, methods and new concepts. Food and Chemical Toxicology, 2008, 46, 1211-1212.	1.8	2
172	No Acute and Persistent DNA Damage after an Ironman Triathlon. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 1913-1919.	1.1	31
173	No Indications of Persistent Oxidative Stress in Response to an Ironman Triathlon. Medicine and Science in Sports and Exercise, 2008, 40, 2119-2128.	0.2	48
174	Thanks to Body Exercise, Getting Mobile and Being Less Dependent. Annals of Nutrition and Metabolism, 2008, 52, 38-42.	1.0	1
175	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. British Journal of Nutrition, 2008, 99, ES3-ES52.	1.2	101
176	Inhalative Exposure to Vanadium Pentoxide Causes DNA Damage in Workers: Results of a Multiple End Point Study. Environmental Health Perspectives, 2008, 116, 1689-1693.	2.8	89
177	Exercise-induced DNA damage: is there a relationship with inflammatory responses?. Exercise Immunology Review, 2008, 14, 51-72.	0.4	39
178	The anti-mutagenic and antioxidant effects of bile pigments in the Ames Salmonella test. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 629, 122-132.	0.9	31
179	The potential antimutagenic and antioxidant effects of Maillard reaction products used as natural antibrowning agents. Molecular Nutrition and Food Research, 2007, 51, 496-504.	1.5	30
180	Determination of cholesterol oxidation products in raw and processed beef and pork preparations. European Food Research and Technology, 2007, 224, 797-800.	1.6	13

#	ARTICLE	IF	CITATIONS
181	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
182	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
183	Tocopherols and total phenolics in 10 different nut types. <i>Food Chemistry</i> , 2006, 98, 381-387.	4.2	520
184	The antioxidant and phyloquinone content of wildy grown greens in Crete. <i>Food Chemistry</i> , 2006, 99, 813-821.	4.2	65
185	Lipid concentrations of wild edible greens in Crete. <i>Food Chemistry</i> , 2006, 99, 822-834.	4.2	47
186	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
187	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
188	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, 238-246.	0.6	8
189	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
190	The Role of Fortified Foods " Situation in Austria. <i>Forum of Nutrition</i> , 2005, 57, 84-90.	3.7	12
191	Lipid oxidation of beef fillets during braising with different cooking oils. <i>Meat Science</i> , 2005, 71, 440-445.	2.7	24
192	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
193	Plasma antioxidants and lipid oxidation after submaximal resistance exercise in men. <i>European Journal of Nutrition</i> , 2004, 43, 2-6.	1.8	143
194	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
195	Tocopherol composition of deodorization distillates and their antioxidative activity. <i>Molecular Nutrition and Food Research</i> , 2004, 48, 34-37.	0.0	10
196	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
197	Gamma-Tocopherol " An Underestimated Vitamin?. <i>Annals of Nutrition and Metabolism</i> , 2004, 48, 169-188.	1.0	235
198	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

#	ARTICLE	IF	CITATIONS
199	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
200	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.	1.0	8
201	Effects of $\hat{\alpha}$ -, $\hat{\beta}$ -, and $\hat{\gamma}$ -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
202	Biological Relevance of Terpenoids. <i>Annals of Nutrition and Metabolism</i> , 2003, 47, 95-106.	1.0	219
203	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
204	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
205	Antioxidative potential of melanoidins isolated from a roasted glucose-glycine model. <i>Food Chemistry</i> , 2002, 78, 375-382.	4.2	97
206	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.	2.0	11
207	Antioxidative Power of Plant Oils in Humans: The Influence of $\hat{\alpha}$ - and $\hat{\beta}$ -Tocopherol. <i>Annals of Nutrition and Metabolism</i> , 2001, 45, 110-115.	1.0	28
208	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
209	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
210	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
211	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
212	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