

Gerald Rimbach

List of Publications by Citations

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287 papers	16,132 citations	62 h-index	118 g-index
300 ext. papers	18,287 ext. citations	5 avg, IF	6.4 L-index

#	Paper	IF	Citations
287	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
286	Curcumin--from molecule to biological function. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5308-32	16.4	520
285	Molecular aspects of lipoic acid in the prevention of diabetes complications. <i>Nutrition</i> , 2001 , 17, 888-95	4.8	392
284	Genome-wide association analysis identifies variation in vitamin D receptor and other host factors influencing the gut microbiota. <i>Nature Genetics</i> , 2016 , 48, 1396-1406	36.3	369
283	Quercetin reduces systolic blood pressure and plasma oxidised low-density lipoprotein concentrations in overweight subjects with a high-cardiovascular disease risk phenotype: a double-blinded, placebo-controlled cross-over study. <i>British Journal of Nutrition</i> , 2009 , 102, 1065-74	3.6	359
282	Molecular aspects of alpha-tocotrienol antioxidant action and cell signalling. <i>Journal of Nutrition</i> , 2001 , 131, 369S-73S	4.1	355
281	Daily quercetin supplementation dose-dependently increases plasma quercetin concentrations in healthy humans. <i>Journal of Nutrition</i> , 2008 , 138, 1615-21	4.1	230
280	Impact of apoE genotype on oxidative stress, inflammation and disease risk. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 131-45	5.9	214
279	Effect of quercetin and its metabolites isorhamnetin and quercetin-3-glucuronide on inflammatory gene expression: role of miR-155. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 293-9	6.3	187
278	Betanin--a food colorant with biological activity. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 36-47	5.9	185
277	Regulation of cell signalling by vitamin E. <i>Proceedings of the Nutrition Society</i> , 2002 , 61, 415-25	2.9	169
276	Functions of coenzyme Q10 in inflammation and gene expression. <i>BioFactors</i> , 2008 , 32, 179-83	6.1	165
275	Which sources of flavonoids: complex diets or dietary supplements?. <i>Advances in Nutrition</i> , 2011 , 2, 8-14	10	142
274	Activity of monomeric, dimeric, and trimeric flavonoids on NO production, TNF-alpha secretion, and NF-kappaB-dependent gene expression in RAW 264.7 macrophages. <i>FEBS Letters</i> , 2000 , 465, 93-7	3.8	139
273	Dietary isoflavones in the prevention of cardiovascular disease--a molecular perspective. <i>Food and Chemical Toxicology</i> , 2008 , 46, 1308-19	4.7	138
272	Serum lipid and blood pressure responses to quercetin vary in overweight patients by apolipoprotein E genotype. <i>Journal of Nutrition</i> , 2010 , 140, 278-84	4.1	136
271	Anti-inflammatory potential of allyl-isothiocyanate--role of Nrf2, NF- κ B and microRNA-155. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 836-43	5.6	123

270	Analytical and compositional aspects of isoflavones in food and their biological effects. <i>Molecular Nutrition and Food Research</i> , 2009 , 53 Suppl 2, S266-309	5.9	117
269	Red wine anthocyanins are rapidly absorbed in humans and affect monocyte chemoattractant protein 1 levels and antioxidant capacity of plasma. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 521-9	6.3	116
268	Potential anti-inflammatory, anti-adhesive, anti/estrogenic, and angiotensin-converting enzyme inhibitory activities of anthocyanins and their gut metabolites. <i>Genes and Nutrition</i> , 2012 , 7, 295-306	4.3	115
267	Ascorbic acid partly antagonizes resveratrol mediated heme oxygenase-1 but not paraoxonase-1 induction in cultured hepatocytes - role of the redox-regulated transcription factor Nrf2. <i>BMC Complementary and Alternative Medicine</i> , 2011 , 11, 1	4.7	114
266	Solar ultraviolet-induced erythema in human skin and nuclear factor-kappa-B-dependent gene expression in keratinocytes are modulated by a French maritime pine bark extract. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 154-60	7.8	112
265	Autophagy, polyphenols and healthy ageing. <i>Ageing Research Reviews</i> , 2013 , 12, 237-52	12	111
264	ESR and cell culture studies on free radical-scavenging and antioxidant activities of isoflavonoids. <i>Toxicology</i> , 2002 , 179, 171-80	4.4	107
263	Effect of quercetin on traits of the metabolic syndrome, endothelial function and inflammation in men with different APOE isoforms. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 403-9	4.5	100
262	A diet rich in olive oil phenolics reduces oxidative stress in the heart of SAMP8 mice by induction of Nrf2-dependent gene expression. <i>Rejuvenation Research</i> , 2012 , 15, 71-81	2.6	98
261	Flavonoid binding to human serum albumin. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 398, 444-9	3.4	96
260	Effect of genistein and daidzein on platelet aggregation and monocyte and endothelial function. <i>British Journal of Nutrition</i> , 2003 , 89, 607-16	3.6	95
259	Effect of quercetin on inflammatory gene expression in mice liver in vivo - role of redox factor 1, miRNA-122 and miRNA-125b. <i>Pharmacological Research</i> , 2012 , 65, 523-30	10.2	93
258	Electron spin resonance spectroscopy studies on the free radical scavenging activity of wine anthocyanins and pyranoanthocyanins. <i>Molecular Nutrition and Food Research</i> , 2005 , 49, 1112-9	5.9	93
257	Free Radical Scavenging and Cellular Antioxidant Properties of Astaxanthin. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	93
256	Daily consumption of an aqueous green tea extract supplement does not impair liver function or alter cardiovascular disease risk biomarkers in healthy men. <i>Journal of Nutrition</i> , 2009 , 139, 58-62	4.1	90
255	Neuroprotective properties of curcumin in Alzheimer's disease--merits and limitations. <i>Current Medicinal Chemistry</i> , 2013 , 20, 3955-85	4.3	89
254	Antioxidant and cellular activities of anthocyanins and their corresponding vitisins A--studies in platelets, monocytes, and human endothelial cells. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 3378-84	5.7	89
253	Free radical scavenging and antioxidant activity of betanin: electron spin resonance spectroscopy studies and studies in cultured cells. <i>Food and Chemical Toxicology</i> , 2014 , 73, 119-26	4.7	88

252	Molecular and dietary regulation of beta,beta-carotene 15,15Rmonooxygenase 1 (BCMO1). <i>Archives of Biochemistry and Biophysics</i> , 2010 , 502, 8-16	4.1	87
251	Vitamin E dependent microRNA regulation in rat liver. <i>FEBS Letters</i> , 2008 , 582, 3542-6	3.8	87
250	Identification of hepatic molecular mechanisms of action of alpha-tocopherol using global gene expression profile analysis in rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004 , 1689, 66-74	6.9	87
249	Sulfation of genistein alters its antioxidant properties and its effect on platelet aggregation and monocyte and endothelial function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004 , 1670, 229-37	4	87
248	Effect of selenium and vitamin E deficiency on differential gene expression in rat liver. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 285, 470-5	3.4	86
247	Gene-regulatory activity of alpha-tocopherol. <i>Molecules</i> , 2010 , 15, 1746-61	4.8	84
246	Effects of apoE genotype on macrophage inflammation and heme oxygenase-1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 357, 319-24	3.4	81
245	Sulforaphane but not ascorbigen, indole-3-carbinole and ascorbic acid activates the transcription factor Nrf2 and induces phase-2 and antioxidant enzymes in human keratinocytes in culture. <i>Experimental Dermatology</i> , 2010 , 19, 137-44	4	80
244	Polyphenols from cocoa and vascular health-a critical review. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 4290-309	6.3	79
243	Effect of bioflavonoids extracted from the bark of Pinus maritima on proinflammatory cytokine interleukin-1 production in lipopolysaccharide-stimulated RAW 264.7. <i>Toxicology and Applied Pharmacology</i> , 2000 , 168, 64-71	4.6	79
242	Cross-talk between microRNAs, nuclear factor E2-related factor 2, and heme oxygenase-1 in ochratoxin A-induced toxic effects in renal proximal tubular epithelial cells. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 504-15	5.9	77
241	Health promoting effects of brassica-derived phytochemicals: from chemopreventive and anti-inflammatory activities to epigenetic regulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 964539	6.7	77
240	Activation of glutathione peroxidase via Nrf1 mediates genistein's protection against oxidative endothelial cell injury. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 346, 851-9	3.4	76
239	Nutrition and healthy ageing: calorie restriction or polyphenol-rich "MediterrAsian" diet?. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 707421	6.7	74
238	Apolipoprotein E genotype and hepatitis C, HIV and herpes simplex disease risk: a literature review. <i>Lipids in Health and Disease</i> , 2010 , 9, 8	4.4	74
237	Ferulic acid excretion as a marker of consumption of a French maritime pine (Pinus maritima) bark extract. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 1249-56	7.8	73
236	Comprehensive analysis of polyphenols in 55 extra virgin olive oils by HPLC-ECD and their correlation with antioxidant activities. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 326-36	3.9	71
235	Do tocotrienols have potential as neuroprotective dietary factors?. <i>Ageing Research Reviews</i> , 2012 , 11, 163-80	12	71

234	A validated method for the quantification of curcumin in plasma and brain tissue by fast narrow-bore high-performance liquid chromatography with fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 1917-25	4.4	71
233	Thermal stability, antioxidant, and anti-inflammatory activity of curcumin and its degradation product 4-vinyl guaiacol. <i>Food and Function</i> , 2015 , 6, 887-93	6.1	70
232	In Vitro Effects of the Reduced Form of Coenzyme Q(10) on Secretion Levels of TNF-alpha and Chemokines in Response to LPS in the Human Monocytic Cell Line THP-1. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2009 , 44, 62-6	3.1	70
231	Ochratoxin A induces apoptosis in neuronal cells. <i>Genes and Nutrition</i> , 2009 , 4, 41-8	4.3	69
230	Effect of circulating forms of soy isoflavones on the oxidation of low density lipoprotein. <i>Free Radical Research</i> , 2004 , 38, 209-16	4	68
229	Allyl-, butyl- and phenylethyl-isothiocyanate activate Nrf2 in cultured fibroblasts. <i>Pharmacological Research</i> , 2011 , 63, 233-40	10.2	67
228	Curcumin prevents mitochondrial dysfunction in the brain of the senescence-accelerated mouse-prone 8. <i>Neurochemistry International</i> , 2013 , 62, 595-602	4.4	64
227	Dietary vitamin E modulates differential gene expression in the rat hippocampus: potential implications for its neuroprotective properties. <i>Nutritional Neuroscience</i> , 2005 , 8, 21-9	3.6	64
226	Iron absorption and the iron binding and anti-oxidant properties of phytic acid. <i>International Journal of Food Science and Technology</i> , 2002 , 37, 741-748	3.8	63
225	Epicatechin gallate and catechin gallate are superior to epigallocatechin gallate in growth suppression and anti-inflammatory activities in pancreatic tumor cells. <i>Cancer Science</i> , 2011 , 102, 728-34	6.9	62
224	Age-related effects of Ginkgo biloba extract on synaptic plasticity and excitability. <i>Neurobiology of Aging</i> , 2004 , 25, 955-62	5.6	62
223	Asiatic acid protects primary neurons against C2-ceramide-induced apoptosis. <i>European Journal of Pharmacology</i> , 2012 , 679, 51-9	5.3	61
222	Effect of benzoyl peroxide on antioxidant status, NF-kappaB activity and interleukin-1alpha gene expression in human keratinocytes. <i>Toxicology</i> , 2001 , 165, 225-34	4.4	61
221	Taurine: A Regulator of Cellular Redox Homeostasis and Skeletal Muscle Function. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800569	5.9	61
220	Evolution of human apolipoprotein E (APOE) isoforms: Gene structure, protein function and interaction with dietary factors. <i>Ageing Research Reviews</i> , 2017 , 37, 146-161	12	59
219	A literature review of flavonoids and lifespan in model organisms. <i>Proceedings of the Nutrition Society</i> , 2017 , 76, 145-162	2.9	58
218	APOE ϵ is associated with higher vitamin D levels in targeted replacement mice and humans. <i>FASEB Journal</i> , 2011 , 25, 3262-70	0.9	58
217	APOE genotype and stress response - a mini review. <i>Lipids in Health and Disease</i> , 2016 , 15, 121	4.4	58

216	Macrophages stimulated with IFN-gamma activate NF-kappa B and induce MCP-1 gene expression in primary human endothelial cells. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000 , 3, 238-42		57
215	DSS-induced acute colitis in C57BL/6 mice is mitigated by sulforaphane pre-treatment. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 2085-91	6.3	56
214	Effect of dietary quercetin on brain quercetin levels and the expression of antioxidant and Alzheimer's disease relevant genes in mice. <i>Pharmacological Research</i> , 2010 , 61, 242-6	10.2	56
213	Antioxidant and anti-atherogenic activities of olive oil phenolics. <i>International Journal for Vitamin and Nutrition Research</i> , 2005 , 75, 61-70	1.7	56
212	Epigallocatechin gallate affects glucose metabolism and increases fitness and lifespan in <i>Drosophila melanogaster</i> . <i>Oncotarget</i> , 2015 , 6, 30568-78	3.3	55
211	Vitamin E supplementation and lifespan in model organisms. <i>Ageing Research Reviews</i> , 2013 , 12, 365-75	12	54
210	Effect of a short- and long-term treatment with Ginkgo biloba extract on amyloid precursor protein levels in a transgenic mouse model relevant to Alzheimer's disease. <i>Archives of Biochemistry and Biophysics</i> , 2009 , 481, 177-82	4.1	54
209	Daidzein-sulfate metabolites affect transcriptional and antiproliferative activities of estrogen receptor-beta in cultured human cancer cells. <i>Journal of Nutrition</i> , 2005 , 135, 2687-93	4.1	51
208	Curcumin may impair iron status when fed to mice for six months. <i>Redox Biology</i> , 2014 , 2, 563-9	11.3	49
207	Identification of plant extracts with potential antidiabetic properties: effect on human peroxisome proliferator-activated receptor (PPAR), adipocyte differentiation and insulin-stimulated glucose uptake. <i>Phytotherapy Research</i> , 2009 , 23, 1316-25	6.7	49
206	Resveratrol and Lifespan in Model Organisms. <i>Current Medicinal Chemistry</i> , 2016 , 23, 4639-4680	4.3	47
205	Identification and characterization of two functional variants in the human longevity gene FOXO3. <i>Nature Communications</i> , 2017 , 8, 2063	17.4	46
204	Canthaxanthin: From molecule to function. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600469	5.9	45
203	Flavonoids as Putative Inducers of the Transcription Factors Nrf2, FoxO, and PPAR. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 4397340	6.7	44
202	A validated method for the determination of selected phenolics in olive oil using high-performance liquid chromatography with coulometric electrochemical detection and a fused-core column. <i>Food Chemistry</i> , 2013 , 138, 1663-9	8.5	44
201	Effect of quercetin on paraoxonase 2 levels in RAW264.7 macrophages and in human monocytes--role of quercetin metabolism. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 4168-77	6.3	44
200	Effects of blackcurrant-based juice on atherosclerosis-related biomarkers in cultured macrophages and in human subjects after consumption of a high-energy meal. <i>British Journal of Nutrition</i> , 2012 , 108, 234-44	3.6	43
199	Effects of Coenzyme Q10 on TNF-alpha secretion in human and murine monocytic cell lines. <i>BioFactors</i> , 2007 , 31, 35-41	6.1	43

198	Induction of glutathione synthesis in human keratinocytes by Ginkgo biloba extract (EGb761). <i>BioFactors</i> , 2001 , 15, 39-52	6.1	43
197	Nitric oxide synthesis and TNF-alpha secretion in RAW 264.7 macrophages: mode of action of a fermented papaya preparation. <i>Life Sciences</i> , 2000 , 67, 679-94	6.8	43
196	Rapid method for glutathione quantitation using high-performance liquid chromatography with coulometric electrochemical detection. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 402-8	5.7	42
195	Determinants of paraoxonase 1 status: genes, drugs and nutrition. <i>Current Medicinal Chemistry</i> , 2011 , 18, 5624-43	4.3	42
194	Influence of Coenzyme Q ₁₀ on release of pro-inflammatory chemokines in the human monocytic cell line THP-1. <i>BioFactors</i> , 2007 , 31, 211-7	6.1	42
193	Apolipoprotein E (APOE) genotype regulates body weight and fatty acid utilization-Studies in gene-targeted replacement mice. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 334-43	5.9	41
192	Vitamin C and lifespan in model organisms. <i>Food and Chemical Toxicology</i> , 2013 , 58, 255-63	4.7	40
191	Analysis of the enhanced stability of r(+)-alpha lipoic Acid by the complex formation with cyclodextrins. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 3639-55	6.3	40
190	Enriched cereal bars are more effective in increasing plasma quercetin compared with quercetin from powder-filled hard capsules. <i>British Journal of Nutrition</i> , 2012 , 107, 539-46	3.6	39
189	ApoE genotype: from geographic distribution to function and responsiveness to dietary factors. <i>Proceedings of the Nutrition Society</i> , 2012 , 71, 410-24	2.9	39
188	Bioavailability of quercetin in humans and the influence of food matrix comparing quercetin capsules and different apple sources. <i>Food Research International</i> , 2016 , 88, 159-165	7	38
187	Fractionation, enzyme inhibitory and cellular antioxidant activity of bioactives from purple sweet potato (<i>Ipomoea batatas</i>). <i>Food Chemistry</i> , 2017 , 221, 447-456	8.5	38
186	Ascorbigen: chemistry, occurrence, and biologic properties. <i>Clinics in Dermatology</i> , 2009 , 27, 217-24	3	38
185	Sulforaphane and phenylethyl isothiocyanate protect human skin against UVR-induced oxidative stress and apoptosis: role of Nrf2-dependent gene expression and antioxidant enzymes. <i>Pharmacological Research</i> , 2013 , 78, 28-40	10.2	37
184	Associations between apolipoprotein E genotype and circulating F2-isoprostane levels in humans. <i>Lipids</i> , 2005 , 40, 329-34	1.6	37
183	Gene expression and physiological changes of different populations of the long-lived bivalve <i>Arctica islandica</i> under low oxygen conditions. <i>PLoS ONE</i> , 2012 , 7, e44621	3.7	37
182	Biochanin A and prunetin improve epithelial barrier function in intestinal CaCo-2 cells via downregulation of ERK, NF- κ B, and tyrosine phosphorylation. <i>Free Radical Biology and Medicine</i> , 2014 , 70, 255-64	7.8	36
181	Nutrigenetics and personalised nutrition: how far have we progressed and are we likely to get there?. <i>Proceedings of the Nutrition Society</i> , 2009 , 68, 162-72	2.9	35

180	Effect of vitamin E and polyphenols on ochratoxin A-induced cytotoxicity in liver (HepG2) cells. <i>Journal of Plant Physiology</i> , 2005 , 162, 818-22	3.6	35
179	In silico search for single nucleotide polymorphisms in genes important in vitamin E homeostasis. <i>IUBMB Life</i> , 2004 , 56, 615-20	4.7	35
178	Genistein blocks homocysteine-induced alterations in the proteome of human endothelial cells. <i>Proteomics</i> , 2005 , 5, 2808-18	4.8	35
177	Impact of apolipoprotein E genotype and dietary quercetin on paraoxonase 1 status in apoE3 and apoE4 transgenic mice. <i>Atherosclerosis</i> , 2010 , 211, 110-3	3.1	34
176	Effects of quercetin and catechin on hepatic glutathione-S transferase (GST), NAD(P)H quinone oxidoreductase 1 (NQO1), and antioxidant enzyme activity levels in rats. <i>Nutrition and Cancer</i> , 2009 , 61, 717-22	2.8	34
175	Dietary phytate reduces magnesium bioavailability in growing rats. <i>Nutrition Research</i> , 1998 , 18, 1029-1037	3.7	34
174	Differential gene expression in skeletal muscle of rats with vitamin E deficiency. <i>IUBMB Life</i> , 2006 , 58, 540-8	4.7	34
173	Drosophila melanogaster as a Versatile Model Organism in Food and Nutrition Research. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 3737-3753	5.7	33
172	Quercetin supplementation and its effect on human monocyte gene expression profiles in vivo. <i>British Journal of Nutrition</i> , 2010 , 104, 336-45	3.6	33
171	Implications of apolipoprotein E genotype on inflammation and vitamin E status. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 623-30	5.9	33
170	Free radical scavenging and antioxidant activity of ascorbigen versus ascorbic acid: studies in vitro and in cultured human keratinocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11694-9	5.7	33
169	Differential effects of apolipoprotein E3 and E4 on markers of oxidative status in macrophages. <i>British Journal of Nutrition</i> , 2007 , 97, 864-71	3.6	33
168	Phytic acid inhibits free radical formation in vitro but does not affect liver oxidant or antioxidant status in growing rats. <i>Journal of Nutrition</i> , 1998 , 128, 1950-5	4.1	33
167	Energy restriction and potential energy restriction mimetics. <i>Nutrition Research Reviews</i> , 2015 , 28, 100-120	7.0	32
166	Positional Distribution of Fatty Acids in Triacylglycerols and Phospholipids from Fillets of Atlantic Salmon (<i>Salmo Salar</i>) Fed Vegetable and Fish Oil Blends. <i>Marine Drugs</i> , 2015 , 13, 4255-69	6	32
165	Metabolic Activity of Radish Sprouts Derived Isothiocyanates in <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2016 , 17, 251	6.3	32
164	Dietary β -cyclodextrin modifies gut microbiota and reduces fat accumulation in high-fat-diet-fed obese mice. <i>BioFactors</i> , 2018 , 44, 336	6.1	31
163	Effects of ubiquinol-10 on microRNA-146a expression in vitro and in vivo. <i>Mediators of Inflammation</i> , 2009 , 2009, 415437	4.3	30

162	Simultaneous ingestion of dietary proteins reduces the bioavailability of galloylated catechins from green tea in humans. <i>European Journal of Nutrition</i> , 2013 , 52, 281-8	5.2	29
161	Food derived microRNAs. <i>Food and Function</i> , 2015 , 6, 714-8	6.1	29
160	A combination of lipoic acid plus coenzyme Q10 induces PGC1 α master switch of energy metabolism, improves stress response, and increases cellular glutathione levels in cultured C2C12 skeletal muscle cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2012 , 2012, 835970	6.7	29
159	Adenosine triphosphate concentrations are higher in the brain of APOE3- compared to APOE4-targeted replacement mice and can be modulated by curcumin. <i>Genes and Nutrition</i> , 2014 , 9, 397	4.3	28
158	Major urinary protein 5, a scent communication protein, is regulated by dietary restriction and subsequent re-feeding in mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 201301011	4.4	28
157	Beneficial effects of a 6-month dietary restriction are time-dependently abolished within 2 weeks or 6 months of refeeding-genome-wide transcriptome analysis in mouse liver. <i>Free Radical Biology and Medicine</i> , 2013 , 61, 170-8	7.8	27
156	Modulation of hepatic gene expression by alpha-tocopherol in cultured cells and in vivo. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 102-8	6.5	27
155	Proteome analysis for identification of target proteins of genistein in primary human endothelial cells stressed with oxidized LDL or homocysteine. <i>European Journal of Nutrition</i> , 2005 , 44, 95-104	5.2	27
154	Assessing bioflavonoids as regulators of NF-kappa B activity and inflammatory gene expression in mammalian cells. <i>Methods in Enzymology</i> , 2001 , 335, 380-7	1.7	27
153	Curcumin vom Molekl zur biologischen Wirkung. <i>Angewandte Chemie</i> , 2012 , 124, 5402-5427	3.6	26
152	No or only population-specific effect of PON1 on human longevity: a comprehensive meta-analysis. <i>Ageing Research Reviews</i> , 2010 , 9, 238-44	12	26
151	Dietary alpha-tocopherol affects differential gene expression in rat testes. <i>IUBMB Life</i> , 2004 , 56, 277-80	4.7	26
150	Molecular mechanisms by which dietary isoflavones potentially prevent atherosclerosis. <i>Expert Reviews in Molecular Medicine</i> , 2003 , 5, 1-15	6.7	26
149	Effect of dietary genistein on Phase II and antioxidant enzymes in rat liver. <i>Cancer Genomics and Proteomics</i> , 2009 , 6, 85-92	3.3	26
148	Olive oil bioactives protect pigs against experimentally-induced chronic inflammation independently of alterations in gut microbiota. <i>PLoS ONE</i> , 2017 , 12, e0174239	3.7	25
147	Chemical Characterization, Free Radical Scavenging, and Cellular Antioxidant and Anti-Inflammatory Properties of a Stilbenoid-Rich Root Extract of <i>Vitis vinifera</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 8591286	6.7	25
146	Genistein reverses changes of the proteome induced by oxidized-LDL in EA.hy 926 human endothelial cells. <i>Journal of Proteome Research</i> , 2005 , 4, 369-76	5.6	24
145	Dietary ursolic acid improves health span and life span in male <i>Drosophila melanogaster</i> . <i>BioFactors</i> , 2019 , 45, 169-186	6.1	24

144	Dietary Resveratrol Does Not Affect Life Span, Body Composition, Stress Response, and Longevity-Related Gene Expression in <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	23
143	Anthocyanins do not influence long-chain n-3 fatty acid status: studies in cells, rodents and humans. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 211-8	6.3	23
142	Dietary vitamin E, brain redox status and expression of Alzheimer's disease-relevant genes in rats. <i>British Journal of Nutrition</i> , 2009 , 102, 398-406	3.6	23
141	The phytoestrogen prunetin affects body composition and improves fitness and lifespan in male <i>Drosophila melanogaster</i> . <i>FASEB Journal</i> , 2016 , 30, 948-58	0.9	22
140	Biomarkers of oxidative stress, antioxidant defence and inflammation are altered in the senescence-accelerated mouse prone 8. <i>Age</i> , 2013 , 35, 1205-17		22
139	Cadmium accumulation, zinc status, and mineral bioavailability of growing rats fed diets high in zinc with increasing amounts of phytic acid. <i>Biological Trace Element Research</i> , 1997 , 57, 59-70	4.5	22
138	Fatty Acid Profile Is Modulated by Dietary Resveratrol in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Marine Drugs</i> , 2017 , 15,	6	21
137	Alpha-tocopherol transport in the lung is affected by the apoE genotype--studies in transgenic apoE3 and apoE4 mice. <i>IUBMB Life</i> , 2009 , 61, 453-6	4.7	21
136	Dietary vitamin C down-regulates inflammatory gene expression in apoE4 smokers. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 951-5	3.4	21
135	Alpha-tocopherol affects androgen metabolism in male rat. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1031, 334-6	6.5	21
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