# Gerald Rimbach

## List of Publications by Year in Descending Order



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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 | Anti-Hyperglycemic Effects of Oils and Extracts Derived from Sea Buckthorn - A Comprehensive Analysis Utilizing In-Vitro and In-Vivo Models.. *Molecular Nutrition and Food Research*, **2022**, e2101133 | 5.9 | 0 |
| 286 | Avens Root ( L.) Extract Discovered by Target-Based Screening Exhibits Antidiabetic Activity in the Hen's Egg Test Model and .. *Frontiers in Pharmacology*, **2021**, 12, 794404 | 5.6 | 1 |
| 285 | Plasma boron concentrations in the general population: a cross-sectional analysis of cardio-metabolic and dietary correlates. *European Journal of Nutrition*, **2021**, 1 | 5.2 | 3 |
| 284 | Biomarkers of geroprotection and cardiovascular health: An overview of omics studies and established clinical biomarkers in the context of diet. *Critical Reviews in Food Science and Nutrition*, **2021**, 1-21 | 11.5 | 1 |
| 283 | Boron Intake and decreased risk of mortality in kidney transplant recipients. *European Journal of Nutrition*, **2021**, 1 | 5.2 | 0 |
| 282 | Cyclodextrins, Natural Compounds, and Plant Bioactives-A Nutritional Perspective. *Biomolecules*, **2021**, 11, | 5.9 | 13 |
| 281 | A postbiotic from Aspergillus oryzae attenuates the impact of heat stress in ectothermic and endothermic organisms. *Scientific Reports*, **2021**, 11, 6407 | 4.9 | 6 |
| 280 | Boron Contents of German Mineral and Medicinal Waters and Their Bioavailability in Drosophila melanogaster and Humans. *Molecular Nutrition and Food Research*, **2021**, 65, e2100345 | 5.9 | 3 |
| 279 | Engineering of a functional Ɛ-tocopherol transfer protein. *Redox Biology*, **2021**, 38, 101773 | 11.3 | 1 |
| 278 | The Potential of Resveratrol to Act as a Caloric Restriction Mimetic Appears to Be Limited: Insights from Studies in Mice. *Advances in Nutrition*, **2021**, 12, 995-1005 | 10 | 1 |
| 277 | Taurine Enhances Iron-Related Proteins and Reduces Lipid Peroxidation in Differentiated C2C12 Myotubes. *Antioxidants*, **2020**, 9, | 7.1 | 3 |
| 276 | In Contrast to Dietary Restriction, Application of Resveratrol in Mice Does not Alter Mouse Major Urinary Protein Expression. *Nutrients*, **2020**, 12, | 6.7 | 2 |
| 275 | Lithium Content of 160 Beverages and Its Impact on Lithium Status in. *Foods*, **2020**, 9, | 4.9 | 2 |
| 274 | The Putative Caloric Restriction Mimetic Resveratrol has Moderate Impact on Insulin Sensitivity, Body Composition, and the Metabolome in Mice. *Molecular Nutrition and Food Research*, **2020**, 64, e1901116 | 5.9 | 6 |
| 273 | Furbellow (Brown Algae) Extract Increases Lifespan in by Interfering with TOR-Signaling. *Nutrients*, **2020**, 12, | 6.7 | 2 |
| 272 | Effects of dietary gamma-cyclodextrin on voluntary activity and muscle strength in mice. *Journal of Physiology and Pharmacology*, **2020**, 71, | 2.1 | 2 |
| 271 | Supplementation with nitrate only modestly affects lipid and glucose metabolism in genetic and dietary-induced murine models of obesity. *Journal of Clinical Biochemistry and Nutrition*, **2020**, 66, 24-35 | 3.1 | 4 |

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| 270 | Chemical Composition, Bioactivity and Safety Aspects of Kuding Tea-From Beverage to Herbal Extract. *Nutrients*, **2020**, 12, | 6.7 | 6 |
| 269 | Historical Reflection of Food Processing and the Role of Legumes as Part of a Healthy Balanced Diet. *Foods*, **2020**, 9, | 4.9 | 8 |
| 268 | Plasma Lithium Levels in a General Population: A Cross-Sectional Analysis of Metabolic and Dietary Correlates. *Nutrients*, **2020**, 12, | 6.7 | 3 |
| 267 | Urinary Taurine Excretion and Risk of Late Graft Failure in Renal Transplant Recipients. *Nutrients*, **2019**, 11, | 6.7 | 3 |
| 266 | A Natural mtDNA Polymorphism in Complex III Is a Modifier of Healthspan in Mice. *International Journal of Molecular Sciences*, **2019**, 20, | 6.3 | 7 |
| 265 | Combined effects of nutritional, biochemical and environmental stimuli on growth performance and fatty acid composition of gilthead sea bream (Sparus aurata). *PLoS ONE*, **2019**, 14, e0216611 | 3.7 | 1 |
| 264 | Plasma Malondialdehyde and Risk of New-Onset Diabetes after Transplantation in Renal Transplant Recipients: A Prospective Cohort Study. *Journal of Clinical Medicine*, **2019**, 8, | 5.1 | 6 |
| 263 | Lithium-Rich Mineral Water is a Highly Bioavailable Lithium Source for Human Consumption. *Molecular Nutrition and Food Research*, **2019**, 63, e1900039 | 5.9 | 7 |
| 262 | Resveratrol, lunularin and dihydroresveratrol do not act as caloric restriction mimetics when administered intraperitoneally in mice. *Scientific Reports*, **2019**, 9, 4445 | 4.9 | 16 |
| 261 | Gene Regulatory Activity of Vitamin E **2019**, 81-98 | | 1 |
| 260 | Screening dietary biochanin A, daidzein, equol and genistein for their potential to increase DHA biosynthesis in rainbow trout (Oncorhynchus mykiss). *PLoS ONE*, **2019**, 14, e0210197 | 3.7 | 5 |
| 259 | Are dietary genistein and equol potent enhancers of eicosapentaenoic acid and docosahexaenoic acid levels in rainbow trout (Oncorhynchus mykiss)?. *Aquaculture Research*, **2019**, 50, 2170-2180 | 1.9 | |
| 258 | High Dietary Kuding Tea Extract Supplementation Induces Hepatic Xenobiotic-Metabolizing Enzymes-A 6-Week Feeding Study in Mice. *Nutrients*, **2019**, 12, | 6.7 | 7 |
| 257 | in nutrition research-the importance of standardizing experimental diets. *Genes and Nutrition*, **2019** , 14, 3 | 4.3 | 17 |
| 256 | The Effects of Anthocyanins and Their Microbial Metabolites on the Expression and Enzyme Activities of Paraoxonase 1, an Important Marker of HDL Function. *Nutrients*, **2019**, 11, | 6.7 | 3 |
| 255 | Taurine: A Regulator of Cellular Redox Homeostasis and Skeletal Muscle Function. *Molecular Nutrition and Food Research*, **2019**, 63, e1800569 | 5.9 | 61 |
| 254 | Dietary ursolic acid improves health span and life span in male Drosophila melanogaster. *BioFactors* , **2019**, 45, 169-186 | 6.1 | 24 |
| 253 | Effects of resveratrol and genistein on growth, nutrient utilization and fatty acid composition of rainbow trout. *Animal*, **2019**, 13, 933-940 | 3.1 | 10 |

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|---|---|---|---|
| 252 | Dietary resveratrol impairs body weight gain due to reduction of feed intake without affecting fatty acid composition in Atlantic salmon. *Animal*, **2019**, 13, 25-32 | 3.1 | 4 |
| 251 | Combination of Dietary Ahiflower Oil and Equol Enhances Long-Chain Polyunsaturated Fatty Acid Levels in Rainbow Trout Tissues. *Lipids*, **2018**, 53, 1069-1083 | 1.6 | 1 |
| 250 | Drosophila melanogaster as a Versatile Model Organism in Food and Nutrition Research. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 3737-3753 | 5.7 | 33 |
| 249 | Effects of resveratrol and genistein on nutrient digestibility and intestinal histopathology of rainbow trout (Oncorhynchus mykiss). *Aquaculture*, **2018**, 491, 114-120 | 4.4 | 8 |
| 248 | On a Western diet, APOEe4 is associated with low innate immune sensing, but not APOEe3. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1346-1349.e9 | 11.5 | 3 |
| 247 | Lithocholic Acid Improves the Survival of Drosophila Melanogaster. *Molecular Nutrition and Food Research*, **2018**, 62, e1800424 | 5.9 | 8 |
| 246 | Association of Circulating Vitamin E (and Tocopherol) Levels with Gallstone Disease. *Nutrients*, **2018**, 10, | 6.7 | 9 |
| 245 | Dietary Resveratrol Does Not Affect Life Span, Body Composition, Stress Response, and Longevity-Related Gene Expression in Drosophila melanogaster. *International Journal of Molecular Sciences*, **2018**, 19, | 6.3 | 23 |
| 244 | Dietary cyclodextrin modifies gut microbiota and reduces fat accumulation in high-fat-diet-fed obese mice. *BioFactors*, **2018**, 44, 336 | 6.1 | 31 |
| 243 | Resveratrol Modulates Desaturase Expression and Fatty Acid Composition of Cultured Hepatocytes. *Frontiers in Nutrition*, **2018**, 5, 106 | 6.2 | 7 |
| 242 | Flavonoids as putative modulators of 4-, 5-, and 6-desaturases: Studies in cultured hepatocytes, myocytes, and adipocytes. *BioFactors*, **2018**, 44, 485-495 | 6.1 | 3 |
| 241 | Fatty Acid Composition and Fatty Acid Associated Gene-Expression in Gilthead Sea Bream () are Affected by Low-Fish Oil Diets, Dietary Resveratrol, and Holding Temperature. *Marine Drugs*, **2018**, 16, | 6 | 10 |
| 240 | Dietary Buglossoides arvensis Oil as a Potential Candidate to Substitute Fish Oil in Rainbow Trout Diets. *Lipids*, **2018**, 53, 809-823 | 1.6 | 7 |
| 239 | Effect of diets low in fish oil and supplemented with chlorogenic acid on fatty acid composition and lipid metabolism in Atlantic salmon (Salmo salar L.). *Aquaculture Nutrition*, **2017**, 23, 730-740 | 3.2 | 3 |
| 238 | Time Course Effect of R-Alpha-Lipoic Acid on Cellular Metabolomics in Cultured Hepatoma Cells. *Journal of Medicinal Food*, **2017**, 20, 211-222 | 2.8 | 9 |
| 237 | Regulation of 11hydroxysteroid dehydrogenase type 1 following caloric restriction and re-feeding is species dependent. *Chemico-Biological Interactions*, **2017**, 276, 95-104 | 5 | 2 |
| 236 | A literature review of flavonoids and lifespan in model organisms. *Proceedings of the Nutrition Society*, **2017**, 76, 145-162 | 2.9 | 58 |
| 235 | Antidiabetic Properties of an Apple/Kale Extract In Vitro, In Situ, and in Mice Fed a Western-Type Diet. *Journal of Medicinal Food*, **2017**, 20, 846-854 | 2.8 | 8 |

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| 234 | Sesquiterpene Lactone Composition and Cellular Nrf2 Induction of Taraxacum officinale Leaves and Roots and Taraxinic Acid β-D-Glucopyranosyl Ester. *Journal of Medicinal Food*, **2017**, 20, 71-78 | 2.8 | 14 |
| 233 | Flavonoids as Putative Inducers of the Transcription Factors Nrf2, FoxO, and PPAR. *Oxidative Medicine and Cellular Longevity*, **2017**, 2017, 4397340 | 6.7 | 44 |
| 232 | Olive oil bioactives protect pigs against experimentally-induced chronic inflammation independently of alterations in gut microbiota. *PLoS ONE*, **2017**, 12, e0174239 | 3.7 | 25 |
| 231 | Impact of chocolate liquor on vascular lesions in apoE-knockout mice. *Clinical Science*, **2017**, 131, 2549-2560 | 5.9 | |
| 230 | Identification and characterization of two functional variants in the human longevity gene FOXO3. *Nature Communications*, **2017**, 8, 2063 | 17.4 | 46 |
| 229 | Circulating Haptoglobin and Metabolic Syndrome in Renal Transplant Recipients. *Scientific Reports*, **2017**, 7, 14264 | 4.9 | 4 |
| 228 | Evolution of human apolipoprotein E (APOE) isoforms: Gene structure, protein function and interaction with dietary factors. *Ageing Research Reviews*, **2017**, 37, 146-161 | 12 | 59 |
| 227 | Self-assembled α-Tocopherol Transfer Protein Nanoparticles Promote Vitamin E Delivery Across an Endothelial Barrier. *Scientific Reports*, **2017**, 7, 4970 | 4.9 | 16 |
| 226 | Fractionation, enzyme inhibitory and cellular antioxidant activity of bioactives from purple sweet potato (Ipomoea batatas). *Food Chemistry*, **2017**, 221, 447-456 | 8.5 | 38 |
| 225 | Canthaxanthin: From molecule to function. *Molecular Nutrition and Food Research*, **2017**, 61, 1600469 | 5.9 | 45 |
| 224 | An extract from the Atlantic brown algae counteracts diet-induced obesity in mice via a gut related multi-factorial mechanisms. *Oncotarget*, **2017**, 8, 73501-73515 | 3.3 | 14 |
| 223 | Association of Vitamin E Levels with Metabolic Syndrome, and MRI-Derived Body Fat Volumes and Liver Fat Content. *Nutrients*, **2017**, 9, | 6.7 | 18 |
| 222 | Fatty Acid Profile Is Modulated by Dietary Resveratrol in Rainbow Trout (Oncorhynchus mykiss). *Marine Drugs*, **2017**, 15, | 6 | 21 |
| 221 | Anti-Inflammatory Properties of Brazilian Green Propolis Encapsulated in a β-Cyclodextrin Complex in Mice Fed a Western-Type Diet. *International Journal of Molecular Sciences*, **2017**, 18, | 6.3 | 14 |
| 220 | Vitamin E (β-and γ-Tocopherol) Levels in the Community: Distribution, Clinical and Biochemical Correlates, and Association with Dietary Patterns. *Nutrients*, **2017**, 10, | 6.7 | 21 |
| 219 | Dietary beta-carotene and lutein metabolism is modulated by the APOE genotype. *BioFactors*, **2016**, 42, 388-96 | 6.1 | 7 |
| 218 | Fish protein increases circulating levels of trimethylamine-N-oxide and accelerates aortic lesion formation in apoE null mice. *Molecular Nutrition and Food Research*, **2016**, 60, 358-68 | 5.9 | 18 |
| 217 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222 | 10.2 | 3838 |

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| 216 | Effects of the isoflavone prunetin on gut health and stress response in male Drosophila melanogaster. *Redox Biology*, **2016**, 8, 119-26 | 11.3 | 7 |
| 215 | Early postnatal feed restriction reduces liver connective tissue levels and affects H3K9 acetylation state of regulated genes associated with protein metabolism in low birth weight pigs. *Journal of Nutritional Biochemistry*, **2016**, 29, 41-55 | 6.3 | 4 |
| 214 | Quantitative Determination of Spermidine in 50 German Cheese Samples on a Core-Shell Column by High-Performance Liquid Chromatography with a Photodiode Array Detector Using a Fully Validated Method. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 2105-11 | 5.7 | 13 |
| 213 | Bioavailability of quercetin in humans and the influence of food matrix comparing quercetin capsules and different apple sources. *Food Research International*, **2016**, 88, 159-165 | 7 | 38 |
| 212 | The phytoestrogen prunetin affects body composition and improves fitness and lifespan in male Drosophila melanogaster. *FASEB Journal*, **2016**, 30, 948-58 | 0.9 | 22 |
| 211 | Coenzyme Q10 Status as a Determinant of Muscular Strength in Two Independent Cohorts. *PLoS ONE*, **2016**, 11, e0167124 | 3.7 | 17 |
| 210 | Resveratrol and Lifespan in Model Organisms. *Current Medicinal Chemistry*, **2016**, 23, 4639-4680 | 4.3 | 47 |
| 209 | Effects of a six-week intraduodenal supplementation with quercetin on liver lipid metabolism and oxidative stress in peripartal dairy cows. *Journal of Animal Science*, **2016**, 94, 1913-23 | 0.7 | 4 |
| 208 | Chemical Characterization, Free Radical Scavenging, and Cellular Antioxidant and Anti-Inflammatory Properties of a Stilbenoid-Rich Root Extract of Vitis vinifera. *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 8591286 | 6.7 | 25 |
| 207 | Free Radical Scavenging and Cellular Antioxidant Properties of Astaxanthin. *International Journal of Molecular Sciences*, **2016**, 17, | 6.3 | 93 |
| 206 | Metabolic Activity of Radish Sprouts Derived Isothiocyanates in Drosophila melanogaster. *International Journal of Molecular Sciences*, **2016**, 17, 251 | 6.3 | 32 |
| 205 | Social stress increases the susceptibility to infection in the ant Harpegnathos saltator. *Scientific Reports*, **2016**, 6, 25800 | 4.9 | 11 |
| 204 | Influence of the APOE genotype on hepatic stress response: Studies in APOE targeted replacement mice and human liver cells. *Free Radical Biology and Medicine*, **2016**, 96, 264-72 | 7.8 | 3 |
| 203 | APOE genotype and stress response - a mini review. *Lipids in Health and Disease*, **2016**, 15, 121 | 4.4 | 58 |
| 202 | Living Long and Well: Prospects for a Personalized Approach to the Medicine of Ageing. *Gerontology*, **2016**, 62, 409-16 | 5.5 | 10 |
| 201 | Genome-wide association analysis identifies variation in vitamin D receptor and other host factors influencing the gut microbiota. *Nature Genetics*, **2016**, 48, 1396-1406 | 36.3 | 369 |
| 200 | Fractionation of Plant Bioactives from Black Carrots (Daucus carota subspecies sativus varietas atrorubens Alef.) by Adsorptive Membrane Chromatography and Analysis of Their Potential Anti-Diabetic Activity. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 5901-8 | 5.7 | 20 |
| 199 | Non-targeted 1H-NMR-metabolomics suggest the induction of master regulators of energy metabolism in the liver of vitamin E-deficient rats. *Food and Function*, **2015**, 6, 1090-7 | 6.1 | 14 |

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| 198 | Myrosinase-treated glucoerucin is a potent inducer of the Nrf2 target gene heme oxygenase 1--studies in cultured HT-29 cells and mice. *Journal of Nutritional Biochemistry*, **2015**, 26, 661-6 | 6.3 | 16 |
| 197 | Restriction on an energy-dense diet improves markers of metabolic health and cellular aging in mice through decreasing hepatic mTOR activity. *Rejuvenation Research*, **2015**, 18, 30-9 | 2.6 | 14 |
| 196 | Betanin--a food colorant with biological activity. *Molecular Nutrition and Food Research*, **2015**, 59, 36-47 | 5.9 | 185 |
| 195 | Energy restriction and potential energy restriction mimetics. *Nutrition Research Reviews*, **2015**, 28, 100-120 | 7 | 32 |
| 194 | Cromolyn-mediated improvement of intestinal barrier function is associated with enhanced piglet performance after weaning. *BMC Veterinary Research*, **2015**, 11, 274 | 2.7 | 10 |
| 193 | Epigallocatechin gallate affects glucose metabolism and increases fitness and lifespan in Drosophila melanogaster. *Oncotarget*, **2015**, 6, 30568-78 | 3.3 | 55 |
| 192 | Positional Distribution of Fatty Acids in Triacylglycerols and Phospholipids from Fillets of Atlantic Salmon (Salmo Salar) Fed Vegetable and Fish Oil Blends. *Marine Drugs*, **2015**, 13, 4255-69 | 6 | 32 |
| 191 | Molecular Mechanisms by Which a Fucus vesiculosus Extract Mediates Cell Cycle Inhibition and Cell Death in Pancreatic Cancer Cells. *Marine Drugs*, **2015**, 13, 4470-91 | 6 | 20 |
| 190 | Dietary Tocotrienol/Cyclodextrin Complex Increases Mitochondrial Membrane Potential and ATP Concentrations in the Brains of Aged Mice. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 789710 | 6.7 | 20 |
| 189 | The Antiatherogenic Effect of Fish Oil in Male Mice Is Associated with a Diminished Release of Endothelial ADAM17 and ADAM10 Substrates. *Journal of Nutrition*, **2015**, 145, 1218-26 | 4.1 | 11 |
| 188 | Anthocyanins do not influence long-chain n-3 fatty acid status: studies in cells, rodents and humans. *Journal of Nutritional Biochemistry*, **2015**, 26, 211-8 | 6.3 | 23 |
| 187 | Apolipoprotein E (APOE) genotype regulates body weight and fatty acid utilization-Studies in gene-targeted replacement mice. *Molecular Nutrition and Food Research*, **2015**, 59, 334-43 | 5.9 | 41 |
| 186 | Food derived microRNAs. *Food and Function*, **2015**, 6, 714-8 | 6.1 | 29 |
| 185 | Thermal stability, antioxidant, and anti-inflammatory activity of curcumin and its degradation product 4-vinyl guaiacol. *Food and Function*, **2015**, 6, 887-93 | 6.1 | 70 |
| 184 | Rapid method for glutathione quantitation using high-performance liquid chromatography with coulometric electrochemical detection. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 402-8 | 5.7 | 42 |
| 183 | Variability in APOE genotype status in human-derived cell lines: a cause for concern in cell culture studies?. *Genes and Nutrition*, **2014**, 9, 364 | 4.3 | 7 |
| 182 | Free radical scavenging and antioxidant activity of betanin: electron spin resonance spectroscopy studies and studies in cultured cells. *Food and Chemical Toxicology*, **2014**, 73, 119-26 | 4.7 | 88 |
| 181 | Nitrogen-bisphosphonate therapy is linked to compromised coenzyme Q10 and vitamin E status in postmenopausal women. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 1307-13 | 5.6 | 11 |

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| 180 | Nutri-informatics: a new kid on the block?. *Genes and Nutrition*, **2014**, 9, 394 | 4.3 | 5 |
| 179 | Adenosine triphosphate concentrations are higher in the brain of APOE3- compared to APOE4-targeted replacement mice and can be modulated by curcumin. *Genes and Nutrition*, **2014**, 9, 397 | 4.3 | 28 |
| 178 | R-□lipoic acid □cyclodextrin complex increases energy expenditure: a 4-month feeding study in mice. *Nutrition*, **2014**, 30, 228-33 | 4.8 | 10 |
| 177 | Curcumin may impair iron status when fed to mice for six months. *Redox Biology*, **2014**, 2, 563-9 | 11.3 | 49 |
| 176 | Atlantic salmon (Salmo salar L.) as a marine functional source of gamma-tocopherol. *Marine Drugs*, **2014**, 12, 5944-59 | 6 | 6 |
| 175 | A fast and validated method for the determination of malondialdehyde in fish liver using high-performance liquid chromatography with a photodiode array detector. *Journal of Food Science* , **2014**, 79, C484-8 | 3.4 | 16 |
| 174 | A comparative study into alterations of coenzyme Q redox status in ageing pigs, mice, and worms. *BioFactors*, **2014**, 40, 346-54 | 6.1 | 15 |
| 173 | Biochanin A and prunetin improve epithelial barrier function in intestinal CaCo-2 cells via downregulation of ERK, NF-B, and tyrosine phosphorylation. *Free Radical Biology and Medicine*, **2014**, 70, 255-64 | 7.8 | 36 |
| 172 | Biomarkers of oxidative stress, antioxidant defence and inflammation are altered in the senescence-accelerated mouse prone 8. *Age*, **2013**, 35, 1205-17 | | 22 |
| 171 | Simultaneous ingestion of dietary proteins reduces the bioavailability of galloylated catechins from green tea in humans. *European Journal of Nutrition*, **2013**, 52, 281-8 | 5.2 | 29 |
| 170 | DSS-induced acute colitis in C57BL/6 mice is mitigated by sulforaphane pre-treatment. *Journal of Nutritional Biochemistry*, **2013**, 24, 2085-91 | 6.3 | 56 |
| 169 | Effect of quercetin on traits of the metabolic syndrome, endothelial function and inflammation in men with different APOE isoforms. *Nutrition, Metabolism and Cardiovascular Diseases*, **2013**, 23, 403-9 | 4.5 | 100 |
| 168 | Sulforaphane and phenylethyl isothiocyanate protect human skin against UVR-induced oxidative stress and apoptosis: role of Nrf2-dependent gene expression and antioxidant enzymes. *Pharmacological Research*, **2013**, 78, 28-40 | 10.2 | 37 |
| 167 | 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. *Food Chemistry*, **2013**, 138, 1663-9 | 8.5 | 44 |
| 166 | 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. *Molecular Nutrition and Food Research*, **2013**, 57, 504-15 | 5.9 | 77 |
| 165 | Vitamin E supplementation and lifespan in model organisms. *Ageing Research Reviews*, **2013**, 12, 365-75 | 12 | 54 |
| 164 | Oral green tea catechins transiently lower plasma glucose concentrations in female db/db mice. *Journal of Medicinal Food*, **2013**, 16, 312-7 | 2.8 | 15 |
| 163 | Autophagy, polyphenols and healthy ageing. *Ageing Research Reviews*, **2013**, 12, 237-52 | 12 | 111 |

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| 162 | Synthesis and Nrf2-inducing activity of the isothiocyanates iberverin, iberin and cheirolin. *Pharmacological Research*, **2013**, 70, 155-62 | 10.2 | 19 |
| 161 | The senescence-accelerated mouse-prone 8 is not a suitable model for the investigation of cardiac inflammation and oxidative stress and their modulation by dietary phytochemicals. *Pharmacological Research*, **2013**, 74, 113-20 | 10.2 | 8 |
| 160 | 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. *Free Radical Biology and Medicine*, **2013**, 61, 170-8 | 7.8 | 27 |
| 159 | Curcumin prevents mitochondrial dysfunction in the brain of the senescence-accelerated mouse-prone 8. *Neurochemistry International*, **2013**, 62, 595-602 | 4.4 | 64 |
| 158 | Vitamine und Vitaminoide. *Springer-Lehrbuch*, **2013**, 235-247 | 0.4 | |
| 157 | Prävention kardiovaskulärer Erkrankungen und Atherosklerose. *Springer-Lehrbuch*, **2013**, 85-107 | 0.4 | |
| 156 | Vitamin C and lifespan in model organisms. *Food and Chemical Toxicology*, **2013**, 58, 255-63 | 4.7 | 40 |
| 155 | Analysis of the enhanced stability of r(+)-alpha lipoic Acid by the complex formation with cyclodextrins. *International Journal of Molecular Sciences*, **2013**, 14, 3639-55 | 6.3 | 40 |
| 154 | Major urinary protein 5, a scent communication protein, is regulated by dietary restriction and subsequent re-feeding in mice. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20130101 | 4.4 | 28 |
| 153 | Dietary alpha-tocopherol affects tissue vitamin e and malondialdehyde levels but does not change antioxidant enzymes and fatty acid composition in farmed Atlantic salmon (Salmo salar L.). *International Journal for Vitamin and Nutrition Research*, **2013**, 83, 238-45 | 1.7 | 12 |
| 152 | Metabolic signature of electrosurgical liver dissection. *PLoS ONE*, **2013**, 8, e72022 | 3.7 | 2 |
| 151 | Neuroprotective properties of curcumin in Alzheimer's disease--merits and limitations. *Current Medicinal Chemistry*, **2013**, 20, 3955-85 | 4.3 | 89 |
| 150 | Health promoting effects of brassica-derived phytochemicals: from chemopreventive and anti-inflammatory activities to epigenetic regulation. *Oxidative Medicine and Cellular Longevity*, **2013**, 2013, 964539 | 6.7 | 77 |
| 149 | Nutrition and healthy ageing: calorie restriction or polyphenol-rich "MediterrAsian" diet?. *Oxidative Medicine and Cellular Longevity*, **2013**, 2013, 707421 | 6.7 | 74 |
| 148 | Polyphenole. *Springer-Lehrbuch*, **2013**, 207-215 | 0.4 | |
| 147 | Glucosinolate. *Springer-Lehrbuch*, **2013**, 227-234 | 0.4 | |
| 146 | Asiatic acid protects primary neurons against C2-ceramide-induced apoptosis. *European Journal of Pharmacology*, **2012**, 679, 51-9 | 5.3 | 61 |
| 145 | Anti-inflammatory potential of allyl-isothiocyanate--role of Nrf2, NF-κB and microRNA-155. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 836-43 | 5.6 | 123 |

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| 144 | Allyl isothiocyanate as a potential inducer of paraoxonase-1--studies in cultured hepatocytes and in mice. *IUBMB Life*, **2012**, 64, 162-8 | 4.7 | 7 |
| 143 | A diet rich in olive oil phenolics reduces oxidative stress in the heart of SAMP8 mice by induction of Nrf2-dependent gene expression. *Rejuvenation Research*, **2012**, 15, 71-81 | 2.6 | 98 |
| 142 | Comprehensive analysis of polyphenols in 55 extra virgin olive oils by HPLC-ECD and their correlation with antioxidant activities. *Plant Foods for Human Nutrition*, **2012**, 67, 326-36 | 3.9 | 71 |
| 141 | Plant extracts of winter savory, purple coneflower, buckwheat and black elder activate PPAR-γ in COS-1 cells but do not lower blood glucose in Db/db mice in vivo. *Plant Foods for Human Nutrition*, **2012**, 67, 377-83 | 3.9 | 6 |
| 140 | Do tocotrienols have potential as neuroprotective dietary factors?. *Ageing Research Reviews*, **2012**, 11, 163-80 | 12 | 71 |
| 139 | Enriched cereal bars are more effective in increasing plasma quercetin compared with quercetin from powder-filled hard capsules. *British Journal of Nutrition*, **2012**, 107, 539-46 | 3.6 | 39 |
| 138 | Genistein as a potential inducer of the anti-atherogenic enzyme paraoxonase-1: studies in cultured hepatocytes in vitro and in rat liver in vivo. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 2331-41 | 5.6 | 15 |
| 137 | Cyanidin does not affect sulforaphane-mediated Nrf2 induction in cultured human keratinocytes. *British Journal of Nutrition*, **2012**, 107, 360-3 | 3.6 | 3 |
| 136 | Effect of quercetin on inflammatory gene expression in mice liver in vivo - role of redox factor 1, miRNA-122 and miRNA-125b. *Pharmacological Research*, **2012**, 65, 523-30 | 10.2 | 93 |
| 135 | A combination of lipoic acid plus coenzyme Q10 induces PGC1α a master switch of energy metabolism, improves stress response, and increases cellular glutathione levels in cultured C2C12 skeletal muscle cells. *Oxidative Medicine and Cellular Longevity*, **2012**, 2012, 835970 | 6.7 | 29 |
| 134 | Curcumin Vom Molek zur biologischen Wirkung. *Angewandte Chemie*, **2012**, 124, 5402-5427 | 3.6 | 26 |
| 133 | Curcumin--from molecule to biological function. *Angewandte Chemie - International Edition*, **2012**, 51, 5308-32 | 16.4 | 520 |
| 132 | Potential anti-inflammatory, anti-adhesive, anti/estrogenic, and angiotensin-converting enzyme inhibitory activities of anthocyanins and their gut metabolites. *Genes and Nutrition*, **2012**, 7, 295-306 | 4.3 | 115 |
| 131 | Apolipoprotein E genotype affects tissue metallothionein levels: studies in targeted gene replacement mice. *Genes and Nutrition*, **2012**, 7, 247-55 | 4.3 | 11 |
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