

Anika E Wagner

List of Publications by Year in descending order

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54
papers

4,326
citations

147566

31
h-index

161609

54
g-index

57
all docs

57
docs citations

57
times ranked

7301
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcuminâ€”From Molecule to Biological Function. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5308-5332.	7.2	684
2	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, 1065-1074.	1.2	464
3	Daily Quercetin Supplementation Dose-Dependently Increases Plasma Quercetin Concentrations in Healthy Humans. <i>Journal of Nutrition</i> , 2008, 138, 1615-1621.	1.3	273
4	Betaninâ€”A food colorant with biological activity. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 36-47.	1.5	268
5	Review:Hypoxia-Inducible Factor-1 (HIF-1): A Novel Transcription Factor in Immune Reactions. <i>Journal of Interferon and Cytokine Research</i> , 2005, 25, 297-310.	0.5	236
6	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, 293-299.	1.9	221
7	Antiâ€”inflammatory potential of allylâ€”isothiocyanate â€” role of Nrf2, NFâ€” κ B and microRNAâ€”155. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 836-843.	1.6	145
8	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.	3.7	143
9	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, 119-126.	1.8	126
10	Effect of quercetin on inflammatory gene expression in mice liver in vivo â€” role of redox factor 1, miRNA-122 and miRNA-125b. <i>Pharmacological Research</i> , 2012, 65, 523-530.	3.1	114
11	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.	0.9	111
12	Sulforaphane but not ascorbigen, indoleâ€”3â€”carbinole and ascorbic acid activates the transcription factor Nrf2 and induces phaseâ€”2 and antioxidant enzymes in human keratinocytes in culture. <i>Experimental Dermatology</i> , 2010, 19, 137-144.	1.4	90
13	Polyphenols from Cocoa and Vascular Healthâ€”A Critical Review. <i>International Journal of Molecular Sciences</i> , 2009, 10, 4290-4309.	1.8	89
14	Effects of apoE genotype on macrophage inflammation and heme oxygenase-1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 319-324.	1.0	88
15	Allyl-, butyl- and phenylethyl-isothiocyanate activate Nrf2 in cultured fibroblasts. <i>Pharmacological Research</i> , 2011, 63, 233-240.	3.1	81
16	Epigallocatechin gallate affects glucose metabolism and increases fitness and lifespan in <i>Drosophila melanogaster</i> . <i>Oncotarget</i> , 2015, 6, 30568-30578.	0.8	76
17	Brassica-Derived Plant Bioactives as Modulators of Chemopreventive and Inflammatory Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1890.	1.8	75
18	DSS-induced acute colitis in C57BL/6 mice is mitigated by sulforaphane pre-treatment. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 2085-2091.	1.9	72

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19	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, 242-246.	3.1	67
20	Dexamethasone impairs hypoxia-inducible factor-1 function. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 336-340.	1.0	63
21	<i>Drosophila melanogaster</i> as a Versatile Model Organism in Food and Nutrition Research. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3737-3753.	2.4	61
22	Ochratoxin A impairs Nrf2-dependent gene expression in porcine kidney tubulus cells. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2009, 93, 547-554.	1.0	60
23	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.	1.1	51
24	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.	3.1	45
25	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, 11694-11699.	2.4	44
26	Ascorbigen: chemistry, occurrence, and biologic properties. <i>Clinics in Dermatology</i> , 2009, 27, 217-224.	0.8	43
27	Metabolic Activity of Radish Sprouts Derived Isothiocyanates in <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 251.	1.8	43
28	Dietary ursolic acid improves health span and life span in male <i>Drosophila melanogaster</i> . <i>BioFactors</i> , 2019, 45, 169-186.	2.6	39
29	Food derived microRNAs. <i>Food and Function</i> , 2015, 6, 714-718.	2.1	36
30	The phytoestrogen prunetin affects body composition and improves fitness and lifespan in male <i>Drosophila melanogaster</i> . <i>FASEB Journal</i> , 2016, 30, 948-958.	0.2	36
31	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, 1-11.	1.9	33
32	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, 223.	1.8	33
33	Effect of dietary genistein on Phase II and antioxidant enzymes in rat liver. <i>Cancer Genomics and Proteomics</i> , 2009, 6, 85-92.	1.0	26
34	Nrf2-dependent gene expression is affected by the proatherogenic apoE4 genotype studies in targeted gene replacement mice. <i>Journal of Molecular Medicine</i> , 2011, 89, 1027-1035.	1.7	25
35	Stress Resistance and Longevity Are Not Directly Linked to Levels of Enzymatic Antioxidants in the Ponerine Ant Harpegnathos saltator. <i>PLoS ONE</i> , 2011, 6, e14601.	1.1	24
36	<i>Drosophila melanogaster</i> as an alternative model organism in nutrigenomics. <i>Genes and Nutrition</i> , 2019, 14, 14.	1.2	21

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37	Myrosinase-treated glucoerucin is a potent inducer of the Nrf2 target gene heme oxygenase 1 in studies in cultured HT-29 cells and mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 661-666.	1.9	20
38	Saccharin Supplementation Inhibits Bacterial Growth and Reduces Experimental Colitis in Mice. <i>Nutrients</i> , 2020, 12, 1122.	1.7	18
39	Lifespan effects of mitochondrial mutations. <i>Nature</i> , 2016, 540, E13-E14.	13.7	16
40	Apolipoprotein E genotype affects tissue metallothionein levels: studies in targeted gene replacement mice. <i>Genes and Nutrition</i> , 2012, 7, 247-255.	1.2	15
41	Dietary Alpha-Tocopherol Affects Tissue Vitamin E and Malondialdehyde Levels but Does not Change Antioxidant Enzymes and Fatty Acid Composition in Farmed Atlantic Salmon (<i>Salmo salar</i> L.). <i>International Journal for Vitamin and Nutrition Research</i> , 2013, 83, 238-245.	0.6	14
42	Social stress increases the susceptibility to infection in the ant <i>Harpegnathos saltator</i> . <i>Scientific Reports</i> , 2016, 6, 25800.	1.6	14
43	Impact of Food-Derived Bioactive Compounds on Intestinal Immunity. <i>Biomolecules</i> , 2021, 11, 1901.	1.8	14
44	Lithocholic Acid Improves the Survival of <i>Drosophila Melanogaster</i> . <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800424.	1.5	11
45	Atlantic Salmon (<i>Salmo salar</i> L.) as a Marine Functional Source of Gamma-Tocopherol. <i>Marine Drugs</i> , 2014, 12, 5944-5959.	2.2	10
46	Effects of the isoflavone prunetin on gut health and stress response in male <i>Drosophila melanogaster</i> . <i>Redox Biology</i> , 2016, 8, 119-126.	3.9	10
47	<i>Drosophila melanogaster</i> as a Model Organism for Obesity and Type-2 Diabetes Mellitus by Applying High-Sugar and High-Fat Diets. <i>Biomolecules</i> , 2022, 12, 307.	1.8	10
48	<i>Solanum anguivi</i> Lam. Fruits: Their Potential Effects on Type 2 Diabetes Mellitus. <i>Molecules</i> , 2021, 26, 2044.	1.7	9
49	The Natural Compound Ascorbigen Modulates NADPH-Quinone Oxidoreductase (NQO1) mRNA and Enzyme Activity Levels in Cultured Liver Cells and in Laboratory Rats. <i>Annals of Nutrition and Metabolism</i> , 2008, 53, 122-128.	1.0	8
50	Allyl isothiocyanate as a potential inducer of paraoxonase-1 in studies in cultured hepatocytes and in mice. <i>IUBMB Life</i> , 2012, 64, 162-168.	1.5	8
51	<i>Solanum anguivi</i> Lam. fruit preparations counteract the negative effects of a high-sugar diet on the glucose metabolism in <i>Drosophila melanogaster</i> . <i>Food and Function</i> , 2021, 12, 9238-9247.	2.1	5
52	Pharmacoeugenetics of Brassica-Derived Compounds. , 2019, , 847-857.		2
53	Purification and Functional Characterization of the Chloroform/Methanol-Soluble Protein 3 (CM3) From <i>Triticum aestivum</i> in <i>Drosophila melanogaster</i> . <i>Frontiers in Nutrition</i> , 2020, 7, 607937.	1.6	2
54	Effects of non-caloric artificial sweeteners on naïve and dextran sodium sulfate-exposed <i>Drosophila melanogaster</i> . <i>Food Frontiers</i> , 0, , .	3.7	1