

# Anika E Wagner

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52  
papers

3,376  
citations

28  
h-index

57  
g-index

57  
ext. papers

3,844  
ext. citations

6.1  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
52	Curcumin--from molecule to biological function. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5308-32	16.4	520
51	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> , <b>2009</b> , 102, 1065-74	3.6	359
50	Daily quercetin supplementation dose-dependently increases plasma quercetin concentrations in healthy humans. <i>Journal of Nutrition</i> , <b>2008</b> , 138, 1615-21	4.1	230
49	Review: hypoxia-inducible factor-1 (HIF-1): a novel transcription factor in immune reactions. <i>Journal of Interferon and Cytokine Research</i> , <b>2005</b> , 25, 297-310	3.5	201
48	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> , <b>2011</b> , 22, 293-9	6.3	187
47	Betanin--a food colorant with biological activity. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 36-47	5.9	185
46	Anti-inflammatory potential of allyl-isothiocyanate--role of Nrf2, NF- $\kappa$ B and microRNA-155. <i>Journal of Cellular and Molecular Medicine</i> , <b>2012</b> , 16, 836-43	5.6	123
45	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> , <b>2011</b> , 11, 1	4.7	114
44	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> , <b>2012</b> , 15, 71-81	2.6	98
43	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> , <b>2012</b> , 65, 523-30	10.2	93
42	Free radical scavenging and antioxidant activity of betanin: electron spin resonance spectroscopy studies and studies in cultured cells. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 73, 119-26	4.7	88
41	Effects of apoE genotype on macrophage inflammation and heme oxygenase-1 expression. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 357, 319-24	3.4	81
40	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> , <b>2010</b> , 19, 137-44	4	80
39	Polyphenols from cocoa and vascular health-a critical review. <i>International Journal of Molecular Sciences</i> , <b>2009</b> , 10, 4290-309	6.3	79
38	Allyl-, butyl- and phenylethyl-isothiocyanate activate Nrf2 in cultured fibroblasts. <i>Pharmacological Research</i> , <b>2011</b> , 63, 233-40	10.2	67
37	DSS-induced acute colitis in C57BL/6 mice is mitigated by sulforaphane pre-treatment. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 2085-91	6.3	56
36	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> , <b>2010</b> , 61, 242-6	10.2	56

35	Epigallocatechin gallate affects glucose metabolism and increases fitness and lifespan in <i>Drosophila melanogaster</i> . <i>Oncotarget</i> , <b>2015</b> , 6, 30568-78	3.3	55
34	Ochratoxin A impairs Nrf2-dependent gene expression in porcine kidney tubulus cells. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2009</b> , 93, 547-54	2.6	54
33	Dexamethasone impairs hypoxia-inducible factor-1 function. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 372, 336-40	3.4	52
32	Brassica-Derived Plant Bioactives as Modulators of Chemopreventive and Inflammatory Signaling Pathways. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	50
31	Ascorbigen: chemistry, occurrence, and biologic properties. <i>Clinics in Dermatology</i> , <b>2009</b> , 27, 217-24	3	38
30	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> , <b>2013</b> , 78, 28-40	10.2	37
29	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> , <b>2012</b> , 7, e44621	3.7	37
28	<i>Drosophila melanogaster</i> as a Versatile Model Organism in Food and Nutrition Research. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 3737-3753	5.7	33
27	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> , <b>2008</b> , 56, 11694-9	5.7	33
26	Metabolic Activity of Radish Sprouts Derived Isothiocyanates in <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 251	6.3	32
25	Food derived microRNAs. <i>Food and Function</i> , <b>2015</b> , 6, 714-8	6.1	29
24	Curcumin vom Molekül zur biologischen Wirkung. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 5402-5427	3.6	26
23	Effect of dietary genistein on Phase II and antioxidant enzymes in rat liver. <i>Cancer Genomics and Proteomics</i> , <b>2009</b> , 6, 85-92	3.3	26
22	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> , <b>2016</b> , 2016, 8591286	6.7	25
21	Dietary ursolic acid improves health span and life span in male <i>Drosophila melanogaster</i> . <i>BioFactors</i> , <b>2019</b> , 45, 169-186	6.1	24
20	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> , <b>2018</b> , 19,	6.3	23
19	The phytoestrogen prunetin affects body composition and improves fitness and lifespan in male <i>Drosophila melanogaster</i> . <i>FASEB Journal</i> , <b>2016</b> , 30, 948-58	0.9	22
18	Stress resistance and longevity are not directly linked to levels of enzymatic antioxidants in the ponerine ant <i>Harpegnathos saltator</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e14601	3.7	21

17	Nrf2-dependent gene expression is affected by the proatherogenic apoE4 genotype-studies in targeted gene replacement mice. <i>Journal of Molecular Medicine</i> , <b>2011</b> , 89, 1027-35	5.5	20
16	Myrosinase-treated glucoerucin is a potent inducer of the Nrf2 target gene heme oxygenase 1--studies in cultured HT-29 cells and mice. <i>Journal of Nutritional Biochemistry</i> , <b>2015</b> , 26, 661-6	6.3	16
15	as an alternative model organism in nutrigenomics. <i>Genes and Nutrition</i> , <b>2019</b> , 14, 14	4.3	12
14	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> , <b>2013</b> , 83, 238-45	1.7	12
13	Apolipoprotein E genotype affects tissue metallothionein levels: studies in targeted gene replacement mice. <i>Genes and Nutrition</i> , <b>2012</b> , 7, 247-55	4.3	11
12	Lifespan effects of mitochondrial mutations. <i>Nature</i> , <b>2016</b> , 540, E13-E14	50.4	11
11	Social stress increases the susceptibility to infection in the ant <i>Harpegnathos saltator</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 25800	4.9	11
10	Lithocholic Acid Improves the Survival of <i>Drosophila Melanogaster</i> . <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1800424	5.9	8
9	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> , <b>2008</b> , 53, 122-8	4.5	8
8	Effects of the isoflavone prunetin on gut health and stress response in male <i>Drosophila melanogaster</i> . <i>Redox Biology</i> , <b>2016</b> , 8, 119-26	11.3	7
7	Allyl isothiocyanate as a potential inducer of paraoxonase-1--studies in cultured hepatocytes and in mice. <i>IUBMB Life</i> , <b>2012</b> , 64, 162-8	4.7	7
6	Atlantic salmon ( <i>Salmo salar</i> L.) as a marine functional source of gamma-tocopherol. <i>Marine Drugs</i> , <b>2014</b> , 12, 5944-59	6	6
5	Lam. Fruits: Their Potential Effects on Type 2 Diabetes Mellitus. <i>Molecules</i> , <b>2021</b> , 26,	4.8	5
4	Saccharin Supplementation Inhibits Bacterial Growth and Reduces Experimental Colitis in Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4
3	Purification and Functional Characterization of the Chloroform/Methanol-Soluble Protein 3 (CM3) From in. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 607937	6.2	1
2	Pharmacoeigenetics of Brassica-Derived Compounds <b>2019</b> , 847-857		0
1	Lam. fruit preparations counteract the negative effects of a high-sugar diet on the glucose metabolism in. <i>Food and Function</i> , <b>2021</b> , 12, 9238-9247	6.1	0