

Huawei Zeng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3650961/huawei-zeng-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68

papers

2,258

citations

26

h-index

47

g-index

73

ext. papers

2,700

ext. citations

4

avg, IF

5.41

L-index

#	Paper	IF	Citations
68	Selenium as an anticancer nutrient: roles in cell proliferation and tumor cell invasion. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 1-7	6.3	313
67	Mechanisms linking dietary fiber, gut microbiota and colon cancer prevention. <i>World Journal of Gastrointestinal Oncology</i> , 2014 , 6, 41-51	3.4	156
66	Secondary Bile Acids and Short Chain Fatty Acids in the Colon: A Focus on Colonic Microbiome, Cell Proliferation, Inflammation, and Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	125
65	Selenium as an essential micronutrient: roles in cell cycle and apoptosis. <i>Molecules</i> , 2009 , 14, 1263-78	4.8	122
64	Mechanistic aspects of the interaction between selenium and arsenic. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 1269-74	4.2	113
63	Thioredoxin reductase in human hepatoma cells is transcriptionally regulated by sulforaphane and other electrophiles via an antioxidant response element. <i>Journal of Nutrition</i> , 2003 , 133, 2721-7	4.1	95
62	Selenium in bone health: roles in antioxidant protection and cell proliferation. <i>Nutrients</i> , 2013 , 5, 97-110	6.7	91
61	Colonic inflammation accompanies an increase of β -catenin signaling and Lachnospiraceae/Streptococcaceae bacteria in the hind gut of high-fat diet-fed mice. <i>Journal of Nutritional Biochemistry</i> , 2016 , 35, 30-36	6.3	80
60	High Fat Diet Alters Gut Microbiota and the Expression of Paneth Cell-Antimicrobial Peptides Preceding Changes of Circulating Inflammatory Cytokines. <i>Mediators of Inflammation</i> , 2017 , 2017, 947489	4.3	75
59	Selenite and selenomethionine promote HL-60 cell cycle progression. <i>Journal of Nutrition</i> , 2002 , 132, 674-9	4.1	73
58	Selenium-enriched broccoli decreases intestinal tumorigenesis in multiple intestinal neoplasia mice. <i>Journal of Nutrition</i> , 2002 , 132, 307-9	4.1	66
57	Methylselenol, a selenium metabolite, induces cell cycle arrest in G1 phase and apoptosis via the extracellular-regulated kinase 1/2 pathway and other cancer signaling genes. <i>Journal of Nutrition</i> , 2009 , 139, 1613-8	4.1	65
56	Fatty liver accompanies an increase in lactobacillus species in the hind gut of C57BL/6 mice fed a high-fat diet. <i>Journal of Nutrition</i> , 2013 , 143, 627-31	4.1	62
55	Selenium deficiency decreases antioxidative capacity and is detrimental to bone microarchitecture in mice. <i>Journal of Nutrition</i> , 2012 , 142, 1526-31	4.1	50
54	Encapsulation of selenium in chitosan nanoparticles improves selenium availability and protects cells from selenium-induced DNA damage response. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 1137-42	6.3	43
53	Dietary selenomethionine increases exon-specific DNA methylation of the p53 gene in rat liver and colon mucosa. <i>Journal of Nutrition</i> , 2011 , 141, 1464-8	4.1	40
52	Prolonged butyrate treatment inhibits the migration and invasion potential of HT1080 tumor cells. <i>Journal of Nutrition</i> , 2005 , 135, 291-5	4.1	37

51	The selenium metabolite methylselenol inhibits the migration and invasion potential of HT1080 tumor cells. <i>Journal of Nutrition</i> , 2006 , 136, 1528-32	4.1	35
50	Effect of selenium-enriched broccoli diet on differential gene expression in min mouse liver(1,2). <i>Journal of Nutritional Biochemistry</i> , 2003 , 14, 227-31	6.3	32
49	Arsenic suppresses necrosis induced by selenite in human leukemia HL-60 cells. <i>Biological Trace Element Research</i> , 2001 , 83, 1-15	4.5	31
48	Methylselenol, a selenium metabolite, modulates p53 pathway and inhibits the growth of colon cancer xenografts in Balb/c mice. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 776-80	6.3	29
47	Butyrate Inhibits Cancerous HCT116 Colon Cell Proliferation but to a Lesser Extent in Noncancerous NCM460 Colon Cells. <i>Nutrients</i> , 2017 , 9,	6.7	28
46	Beneficial and paradoxical roles of selenium at nutritional levels of intake in healthspan and longevity. <i>Free Radical Biology and Medicine</i> , 2018 , 127, 3-13	7.8	28
45	Prolonged sulforaphane treatment activates survival signaling in nontumorigenic NCM460 colon cells but apoptotic signaling in tumorigenic HCT116 colon cells. <i>Nutrition and Cancer</i> , 2011 , 63, 248-55	2.8	27
44	Methylselenol, a selenium metabolite, plays common and different roles in cancerous colon HCT116 cell and noncancerous NCM460 colon cell proliferation. <i>Nutrition and Cancer</i> , 2012 , 64, 128-35	2.8	27
43	Copper deficiency decreases complex IV but not complex I, II, III, or V in the mitochondrial respiratory chain in rat heart. <i>Journal of Nutrition</i> , 2007 , 137, 14-8	4.1	27
42	Dietary saturated fatty acid type impacts obesity-induced metabolic dysfunction and plasma lipidomic signatures in mice. <i>Journal of Nutritional Biochemistry</i> , 2019 , 64, 32-44	6.3	26
41	Colonic aberrant crypt formation accompanies an increase of opportunistic pathogenic bacteria in C57BL/6 mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2018 , 54, 18-27	6.3	26
40	Butyrate and deoxycholic acid play common and distinct roles in HCT116 human colon cell proliferation. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 1022-8	6.3	25
39	Analyses of Selenotranscriptomes and Selenium Concentrations in Response to Dietary Selenium Deficiency and Age Reveal Common and Distinct Patterns by Tissue and Sex in Telomere-Dysfunctional Mice. <i>Journal of Nutrition</i> , 2017 , 147, 1858-1866	4.1	24
38	Opposing impacts on healthspan and longevity by limiting dietary selenium in telomere dysfunctional mice. <i>Aging Cell</i> , 2017 , 16, 125-135	9.9	22
37	Advanced liver steatosis accompanies an increase in hepatic inflammation, colonic, secondary bile acids and Lactobacillaceae/Lachnospiraceae bacteria in C57BL/6 mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2020 , 78, 108336	6.3	20
36	Obesity-related colon cancer: dietary factors and their mechanisms of anticancer action. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 161-7	3	20
35	A selenium-deficient Caco-2 cell model for assessing differential incorporation of chemical or food selenium into glutathione peroxidase. <i>Biological Trace Element Research</i> , 2008 , 123, 98-108	4.5	20
34	The Inhibitory Efficacy of Methylseleninic Acid Against Colon Cancer Xenografts in C57BL/6 Mice. <i>Nutrition and Cancer</i> , 2015 , 67, 831-8	2.8	18

33	Chemical form of selenium affects its uptake, transport, and glutathione peroxidase activity in the human intestinal Caco-2 cell model. <i>Biological Trace Element Research</i> , 2011 , 143, 1209-18	4.5	18
32	Down-regulation of proliferating cell nuclear antigen gene expression occurs during cell cycle arrest induced by human fecal water in colonic HT-29 cells. <i>Journal of Nutrition</i> , 2003 , 133, 2682-7	4.1	18
31	Deoxycholic acid and selenium metabolite methylselenol exert common and distinct effects on cell cycle, apoptosis, and MAP kinase pathway in HCT116 human colon cancer cells. <i>Nutrition and Cancer</i> , 2010 , 62, 85-92	2.8	17
30	Superior inhibitory efficacy of butyrate over propionate and acetate against human colon cancer cell proliferation via cell cycle arrest and apoptosis: linking dietary fiber to cancer prevention. <i>Nutrition Research</i> , 2020 , 83, 63-72	4	16
29	Trifluoroselenomethionine: A New Unnatural Amino Acid. <i>ChemBioChem</i> , 2016 , 17, 1738-51	3.8	14
28	Copper may interact with selenite extracellularly in cultured HT-29 cells. <i>Journal of Nutritional Biochemistry</i> , 2004 , 15, 179-84	6.3	12
27	Short- and Long-Term Soy Diet Versus Casein Protects Liver Steatosis Independent of the Arginine Content. <i>Journal of Medicinal Food</i> , 2015 , 18, 1274-80	2.8	11
26	Selenium is critical for cancer-signaling gene expression but not cell proliferation in human colon Caco-2 cells. <i>BioFactors</i> , 2007 , 31, 155-64	6.1	10
25	Integrating Multiple Analytical Datasets to Compare Metabolite Profiles of Mouse Colonic-Cecal Contents and Feces. <i>Metabolites</i> , 2015 , 5, 489-501	5.6	9
24	Effect of dietary selenium and cancer cell xenograft on peripheral T and B lymphocytes in adult nude mice. <i>Biological Trace Element Research</i> , 2012 , 146, 230-5	4.5	8
23	Loss of Selenium-Binding Protein 1 Decreases Sensitivity to Clastogens and Intracellular Selenium Content in HeLa Cells. <i>PLoS ONE</i> , 2016 , 11, e0158650	3.7	8
22	A diet containing a high- versus low-daidzein level does not protect against liver steatosis in the obese Zucker rat model. <i>Food and Function</i> , 2017 , 8, 1293-1298	6.1	5
21	Butyrate Inhibits Deoxycholic-Acid-Resistant Colonic Cell Proliferation via Cell Cycle Arrest and Apoptosis: A Potential Pathway Linking Dietary Fiber to Cancer Prevention. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1901014	5.9	5
20	Methylseleninic acid sensitizes Notch3-activated OVCA429 ovarian cancer cells to carboplatin. <i>PLoS ONE</i> , 2014 , 9, e101664	3.7	5
19	Copper deficiency increases fibulin-5 (DANCE/EVEC) but decreases cytochrome C oxidase VIb subunit expression in rat heart. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 186-91	4.2	5
18	Increased type I collagen content and DNA binding activity of a single-stranded, cytosine-rich sequence in the high-salt buffer protein extract of the copper-deficient rat heart. <i>Journal of Nutritional Biochemistry</i> , 2004 , 15, 694-9	6.3	5
17	Fecal fermentation products of common bean-derived fiber inhibit C/EBP α and PPAR α expression and lipid accumulation but stimulate PPAR β and UCP2 expression in the adipogenesis of 3T3-L1 cells. <i>Journal of Nutritional Biochemistry</i> , 2018 , 60, 9-15	6.3	4
16	High dietary intake of sodium selenite does not affect gene mutation frequency in rat colon and liver. <i>Biological Trace Element Research</i> , 2009 , 131, 71-80	4.5	3

15	Genetic ablation of tumor necrosis factor-alpha attenuates the promoted colonic Wnt signaling in high fat diet-induced obese mice. <i>Journal of Nutritional Biochemistry</i> , 2020 , 77, 108302	6.3	3
14	Adequacy of calcium and vitamin D reduces inflammation, E-catenin signaling, and dysbiotic Parasutterella bacteria in the colon of C57BL/6 mice fed a western-style diet. <i>Journal of Nutritional Biochemistry</i> , 2021 , 92, 108613	6.3	3
13	Time-restricted feeding mice a high-fat diet induces a unique lipidomic profile. <i>Journal of Nutritional Biochemistry</i> , 2021 , 88, 108531	6.3	3
12	Dietary Selenium Requirement for the Prevention of Glucose Intolerance and Insulin Resistance in Middle-Aged Mice. <i>Journal of Nutrition</i> , 2021 , 151, 1894-1900	4.1	2
11	The von Hippel-Lindau (VHL) tumor-suppressor gene is down-regulated in Caco-2 cells incubated in low-selenium (Se) media. <i>FASEB Journal</i> , 2007 , 21, A717	0.9	1
10	Methylselenol, a selenium metabolite, plays a critical role in inhibiting colon cancer cell growth in vitro and in vivo. <i>FASEB Journal</i> , 2011 , 25, 110.4	0.9	1
9	Fatty liver accompanies an increase of Lactobacillus acidophilus in the hind gut of C57/BL mice fed a high-fat diet. <i>FASEB Journal</i> , 2013 , 27, 1067.4	0.9	0
8	Selenium metabolite methylselenol inhibits migration and invasion potential of HT1080 tumor cells. <i>FASEB Journal</i> , 2006 , 20, A1011	0.9	
7	New findings on protein expression in copper deficient rat heart using proteomic approaches. <i>FASEB Journal</i> , 2006 , 20, A553	0.9	
6	High dietary intake of sodium selenite does not affect gene mutation frequency in rat colon and liver. <i>FASEB Journal</i> , 2008 , 22, 146.7	0.9	
5	Selenium is critical for the regulation of tumor suppressor and pro-inflammatory gene expression in human colon Caco-2 cells. <i>FASEB Journal</i> , 2008 , 22, 696.2	0.9	
4	Colonic Inflammation Accompanies An Increase of E-catenin Signaling and Lachnospiraceae/Streptococcaceae in the Hind Gut of High-Fat Diet-Fed Mice. <i>FASEB Journal</i> , 2016 , 30, 1166.4	0.9	
3	Butyrate Plays Differential Roles in Cellular Signaling in Cancerous HCT116 and Noncancerous NCM460 Colon Cells. <i>FASEB Journal</i> , 2016 , 30, 688.9	0.9	
2	Effect of chitosan on the induction of DNA damage response by selenium compounds. <i>FASEB Journal</i> , 2010 , 24, lb251	0.9	
1	Methylselenol, a selenium metabolite, inhibits colon cancer cell growth in vitro and in vivo. <i>FASEB Journal</i> , 2013 , 27, 860.13	0.9	