

Sang-Woon Choi

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,447
citations

331670

21
h-index

345221

36
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47
all docs

47
docs citations

47
times ranked

4220
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetics: A New Bridge between Nutrition and Health. <i>Advances in Nutrition</i> , 2010, 1, 8-16.	6.4	468
2	A Method to Assess Genomic DNA Methylation Using High-Performance Liquid Chromatography/Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2002, 74, 4526-4531.	6.5	216
3	Nutritional influences on epigenetics and age-related disease. <i>Proceedings of the Nutrition Society</i> , 2012, 71, 75-83.	1.0	175
4	One-carbon metabolism and epigenetics. <i>Molecular Aspects of Medicine</i> , 2017, 54, 28-36.	6.4	153
5	Folate supplementation increases genomic DNA methylation in the liver of elder rats. <i>British Journal of Nutrition</i> , 2005, 93, 31-35.	2.3	148
6	Obesity Is Associated with Increased Red Blood Cell Folate Despite Lower Dietary Intakes and Serum Concentrations. <i>Journal of Nutrition</i> , 2015, 145, 79-86.	2.9	124
7	Chronic Alcohol Consumption Induces Genomic but Not p53-Specific DNA Hypomethylation in Rat Colon. <i>Journal of Nutrition</i> , 1999, 129, 1945-1950.	2.9	114
8	Epigenetics in non-alcoholic fatty liver disease. <i>Molecular Aspects of Medicine</i> , 2017, 54, 78-88.	6.4	98
9	Effect of Chronic Alcohol Consumption on Total Plasma Homocysteine Level in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 259-264.	2.4	94
10	Epigenetic Mechanisms Underlying the Link between Non-Alcoholic Fatty Liver Diseases and Nutrition. <i>Nutrients</i> , 2014, 6, 3303-3325.	4.1	93
11	High-Fat Diet and Antibiotics Cooperatively Impair Mitochondrial Bioenergetics to Trigger Dysbiosis that Exacerbates Pre-inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2020, 28, 273-284.e6.	11.0	88
12	DNA methylation and gene expression profiles show novel regulatory pathways in hepatocellular carcinoma. <i>Clinical Epigenetics</i> , 2015, 7, 43.	4.1	85
13	S-adenosylmethionine mediates inhibition of inflammatory response and changes in DNA methylation in human macrophages. <i>Physiological Genomics</i> , 2014, 46, 617-623.	2.3	68
14	Biochemical and Molecular Aberrations in the Rat Colon Due to Folate Depletion Are Age-Specific. <i>Journal of Nutrition</i> , 2003, 133, 1206-1212.	2.9	64
15	Diet- and Genetically-induced Obesity Produces Alterations in the Microbiome, Inflammation and Wnt Pathway in the Intestine of Apc ^{+/1638N} Mice: Comparisons and Contrasts. <i>Journal of Cancer</i> , 2016, 7, 1780-1790.	2.5	61
16	Walnut Phenolic Extract and Its Bioactive Compounds Suppress Colon Cancer Cell Growth by Regulating Colon Cancer Stemness. <i>Nutrients</i> , 2016, 8, 439.	4.1	57
17	Global DNA methylation and hydroxymethylation differ in hepatocellular carcinoma and cholangiocarcinoma and relate to survival rate. <i>Hepatology</i> , 2015, 62, 496-504.	7.3	53
18	Apparent Mineralocorticoid Excess by a Novel Mutation and Epigenetic Modulation by HSD11B2 Promoter Methylation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1234-E1241.	3.6	33

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19	Ageing, chronic alcohol consumption and folate are determinants of genomic DNA methylation, p16 promoter methylation and the expression of p16 in the mouse colon. <i>British Journal of Nutrition</i> , 2010, 104, 24-30.	2.3	29
20	Oral Supplementation with Cocoa Extract Reduces UVB-Induced Wrinkles in Hairless Mouse Skin. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1012-1021.	0.7	29
21	Aging and Alcohol Interact to Alter Hepatic DNA Hydroxymethylation. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2178-2185.	2.4	25
22	Aging Alters Hepatic DNA Hydroxymethylation, as Measured by Liquid Chromatography/Mass Spectrometry. <i>Journal of Cancer Prevention</i> , 2014, 19, 301-308.	2.0	22
23	One-carbon genetic variants and the role of MTHFD1 1958G>A in liver and colon cancer risk according to global DNA methylation. <i>PLoS ONE</i> , 2017, 12, e0185792.	2.5	19
24	A Traditional Korean Diet with a Low Dietary Inflammatory Index Increases Anti-Inflammatory IL-10 and Decreases Pro-Inflammatory NF- κ B in a Small Dietary Intervention Study. <i>Nutrients</i> , 2020, 12, 2468.	4.1	18
25	Genome-wide hepatic DNA methylation changes in high-fat diet-induced obese mice. <i>Nutrition Research and Practice</i> , 2017, 11, 105.	1.9	16
26	Maternal and Cord Blood Folate Concentrations Are Inversely Associated with Fetal DNA Hydroxymethylation, but Not DNA Methylation, in a Cohort of Pregnant Canadian Women. <i>Journal of Nutrition</i> , 2020, 150, 202-211.	2.9	14
27	Dietary modulators of statin efficacy in cardiovascular disease and cognition. <i>Molecular Aspects of Medicine</i> , 2014, 38, 1-53.	6.4	13
28	DNA Methylation and Hydroxymethylation in Primary Colon Cancer and Synchronous Hepatic Metastasis. <i>Frontiers in Genetics</i> , 2017, 8, 229.	2.3	12
29	Dietary modulation of gut microbiota for the relief of irritable bowel syndrome. <i>Nutrition Research and Practice</i> , 2021, 15, 411.	1.9	11
30	A Traditional Korean Diet Alters the Expression of Circulating MicroRNAs Linked to Diabetes Mellitus in a Pilot Trial. <i>Nutrients</i> , 2020, 12, 2558.	4.1	10
31	Hepatic DNA hydroxymethylation is site-specifically altered by chronic alcohol consumption and aging. <i>European Journal of Nutrition</i> , 2017, 56, 535-544.	3.9	9
32	Walnut phenolic extracts reduce telomere length and telomerase activity in a colon cancer stem cell model. <i>Nutrition Research and Practice</i> , 2019, 13, 58.	1.9	7
33	Iron Supplementation Reverses the Reduction of Hydroxymethylcytosine in Hepatic DNA Associated With Chronic Alcohol Consumption in Rats. <i>Journal of Cancer Prevention</i> , 2016, 21, 264-270.	2.0	7
34	A lifelong exposure to a Western-style diet, but not aging, alters global DNA methylation in mouse colon. <i>Nutrition Research and Practice</i> , 2015, 9, 358.	1.9	5
35	Traditional Korean diet can alter the urine organic acid profile, which may reflect the metabolic influence of the diet. <i>Journal of Nutrition and Health</i> , 2020, 53, 231.	0.8	5
36	Metabolic influence of walnut phenolic extract on mitochondria in a colon cancer stem cell model. <i>European Journal of Nutrition</i> , 2019, 58, 1635-1645.	3.9	4

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37	Ethanol increases histone H3â€K4 methylation and decreases histone H3â€K9 acetylation in conjunction with increased p16 gene expression in the normal colonic epithelial cells. FASEB Journal, 2009, 23, 555.5.	0.5	0
38	Measurement of Menadione in Urine by HPLC. FASEB Journal, 2009, 23, 566.4.	0.5	0
39	Aging modifies splenocyte DNA methylation in response to influenza infection. FASEB Journal, 2011, 25, 360.12.	0.5	0
40	An interaction between folate and methylenetetrahydrofolate reductase alters genomeâ€wide DNA methylation patterns in mouse colon. FASEB Journal, 2012, 26, lb280.	0.5	0
41	Differential genomeâ€wide DNA methylation patterns in young and old mice on calorie restricted or ad libitum diets. FASEB Journal, 2012, 26, lb453.	0.5	0
42	Aging is a more significant determinant of hepatic DNA methylation patterns than a Western style diet. FASEB Journal, 2012, 26, 243.5.	0.5	0
43	Sâ€adenosylmethionine Lowers Inflammatory Response in Human Monocytic Cells (THPâ€1) and Alters DNA Methylation. FASEB Journal, 2013, 27, 370.3.	0.5	0
44	Oneâ€carbon Metabolism Related Bâ€vitamins Alter the Expression of microRNAs Associated with the Wnt Pathway in Mouse Colonic Epithelium. FASEB Journal, 2013, 27, .	0.5	0
45	Aging alters global hepatic DNA hydroxymethylation in mice, as determined by a novel LC/MSâ€MS method. FASEB Journal, 2013, 27, 370.4.	0.5	0
46	Chronic alcohol consumption has greater impact on hepatic DNA hydroxymethylation in young mice relative to old. FASEB Journal, 2013, 27, 640.15.	0.5	0