

Folate Deficiency Alters Hepatic and Colon MGMT and O⁶-Methylguanine-DNA Methyltransferase in Rats but Has No Effect on Genome-Wide DNA Methylation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Vitamin Bs, One Carbon Metabolism and Prostate Cancer. Mini-Reviews in Medicinal Chemistry, 2010, 10, 1385-1392.	2.4	11
2	DNA Damage Protection and Induction of Repair by Dietary Phytochemicals and Cancer Prevention: What Do We Know?. , 0, , .		4
3	Folate and cancer: how DNA damage, repair and methylation impact on colon carcinogenesis. Journal of Inherited Metabolic Disease, 2011, 34, 101-109.	3.6	214
4	Differential effects of nutritional folic acid deficiency and moderate hyperhomocysteinemia on aortic plaque formation and genome-wide DNA methylation in vascular tissue from ApoE ^{-/-} mice. Clinical Epigenetics, 2011, 2, 361-368.	4.1	18
5	Folate supplementation differently affects uracil content in DNA in the mouse colon and liver. British Journal of Nutrition, 2011, 105, 688-693.	2.3	8
6	Folate and DNA Methylation. Antioxidants and Redox Signaling, 2012, 17, 302-326.	5.4	87
7	Dietary Agents in Cancer Chemoprevention and Treatment. Journal of Oncology, 2012, 2012, 1-2.	1.3	20
8	Folate and Colorectal Cancer in Rodents: A Model of DNA Repair Deficiency. Journal of Oncology, 2012, 2012, 1-17.	1.3	8
9	Nutritional ^B vitamin deficiency disrupts lipid metabolism causing accumulation of proatherogenic lipoproteins in the aorta adventitia of ^Apo^E null mice. Molecular Nutrition and Food Research, 2012, 56, 1122-1130.	3.3	11
10	Effect of gestational protein deficiency and excess on hepatic expression of genes related to cell cycle and proliferation in offspring from late gestation to finishing phase in pig. Molecular Biology Reports, 2012, 39, 7095-7104.	2.3	11
11	Effects of micronutrients on DNA repair. European Journal of Nutrition, 2012, 51, 261-279.	3.9	63
12	Maternal folate depletion and high-fat feeding from weaning affects DNA methylation and DNA repair in brain of adult offspring. FASEB Journal, 2013, 27, 3323-3334.	0.5	73
14	Homocysteine induces blood vessel global hypomethylation mediated by LOX-1. Genetics and Molecular Research, 2014, 13, 3787-3799.	0.2	23
15	Homocysteine and DNA methylation: A review of animal and human literature. Molecular Genetics and Metabolism, 2014, 113, 243-252.	1.1	121
16	One-Carbon Metabolism Nutrients and Epigenetics: A Mechanistic Link Between Aberrant One-Carbon Metabolism and Cancer Risk?. , 2014, , 277-353.		1
17	Interrelationships among genetic ^C677^T polymorphism of 5,10-methylenetetrahydrofolate reductase, biochemical folate status, and lymphocytic ^{p53} oxidative damage in association with tumor malignancy and survivals of patients with hepatocellular carcinoma. Molecular Nutrition and Food Research, 2014, 58, 329-342.	3.3	12
20	Genomic instability and carcinogenesis. , 0, , 93-112.		0
21	Palm tocotrienol-rich fraction inhibits methionine-induced cystathionine β -synthase in rat liver. Journal of Physiology and Biochemistry, 2015, 71, 659-667.	3.0	5

#	ARTICLE	IF	CITATIONS
22	Genotoxicity and cytotoxicity of chromium, copper, manganese and lead, and their mixture in WIL2-NS human B lymphoblastoid cells is enhanced by folate depletion. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2016, 798-799, 35-47.	1.7	49
23	Measurement of urinary arsenic profiles and DNA hypomethylation in a caseâ€“control study of urothelial carcinoma. Archives of Toxicology, 2019, 93, 2155-2164.	4.2	17
24	Deoxyuracil in DNA and disease: Genomic signal or managed situation?. DNA Repair, 2019, 77, 36-44.	2.8	18
25	Low folate status, and MTHFR 677Câ€“>â€“T and MTR 2756Aâ€“>â€“G polymorphisms associated with colorectal cancer risk in Thais: a case-control study. Nutrition Research, 2019, 72, 80-91.	2.9	10
26	Folate, genomic stability and colon cancer: The use of single cell gel electrophoresis in assessing the impact of folate in vitro, in vivo and in human biomonitoring. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 843, 73-80.	1.7	18
27	The enzyme-modified comet assay: Past, present and future. Food and Chemical Toxicology, 2021, 147, 111865.	3.6	46
28	Epigenetic Perturbations in the Context of the Multi-hit Hypothesis of Carcinogenesis. , 2014, , 383-399.		1
29	Dietary and environmental influences on the genomic and epigenomic codes in cancer. , 2015, , 154-168.		1
31	Prevention of Mutation, Cancer, and Other Age-Associated Diseases by Optimizing Micronutrient Intake. Journal of Nucleic Acids, 2010, 2010, 1-11.	1.2	68
32	Folate and DNA Methylation. , 2010, , 31-75.		0
33	DNA methylation of oxidative stress genes and cancer risk in the Normative Aging Study. American Journal of Cancer Research, 2016, 6, 553-61.	1.4	9