

Joel B Mason

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

6,934
citations

81434

41
h-index

66518

82
g-index

98
all docs

98
docs citations

98
times ranked

7619
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspective: The High-Folate“Low-Vitamin B-12 Interaction Is a Novel Cause of Vitamin B-12 Depletion with a Specific Etiology” A Hypothesis. <i>Advances in Nutrition</i> , 2022, 13, 16-33.	2.9	19
2	Multiple Dietary Vitamin K Forms Are Converted to Tissue Menaquinone-4 in Mice. <i>Journal of Nutrition</i> , 2022, 152, 981-993.	1.3	22
3	Dietary vitamin K is remodeled by gut microbiota and influences community composition. <i>Gut Microbes</i> , 2021, 13, 1-16.	4.3	59
4	Healthy Aging“Nutrition Matters: Start Early and Screen Often. <i>Advances in Nutrition</i> , 2021, 12, 1438-1448.	2.9	47
5	Folate and colon cancer: dietary habits from the distant past coming home to roost. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1-2.	2.2	5
6	Combined Supplementation with Vitamin B-6 and Curcumin is Superior to Either Agent Alone in Suppressing Obesity-Promoted Colorectal Tumorigenesis in Mice. <i>Journal of Nutrition</i> , 2021, 151, 3678-3688.	1.3	3
7	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.	1.9	8
8	Knowledge gaps in understanding the metabolic and clinical effects of excess folates/folic acid: a summary, and perspectives, from an NIH workshop. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1390-1403.	2.2	95
9	The Combination of Curcumin and Salsalate is Superior to Either Agent Alone in Suppressing Pro“Cancerous Molecular Pathways and Colorectal Tumorigenesis in Obese Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801097.	1.5	17
10	Safe and effective delivery of supplemental iron to healthy older adults: The double-blind, randomized, placebo-controlled trial protocol of the Safe Iron Study. <i>Gates Open Research</i> , 2019, 3, 1510.	2.0	1
11	Safe and effective delivery of supplemental iron to healthy older adults: The double-blind, randomized, placebo-controlled trial protocol of the Safe Iron Study. <i>Gates Open Research</i> , 2019, 3, 1510.	2.0	0
12	<i>Parabacteroides distasonis</i> attenuates toll“like receptor 4 signaling and Akt activation and blocks colon tumor formation in high“fat diet“fed azoxymethane“treated mice. <i>International Journal of Cancer</i> , 2018, 143, 1797-1805.	2.3	85
13	Incremental Elevations in TNF“ and IL6 in the Human Colon and Procarcinogenic Changes in the Mucosal Transcriptome Accompany Adiposity. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 1416-1423.	1.1	8
14	Interleukin-1 Signaling Mediates Obesity-Promoted Elevations in Inflammatory Cytokines, Wnt Activation, and Epithelial Proliferation in the Mouse Colon. <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 445-451.	0.5	4
15	The Decline in Vitamin Research Funding: A Missed Opportunity?. <i>Current Developments in Nutrition</i> , 2017, 1, e000430.	0.1	4
16	Folate status and colorectal cancer risk: A 2016 update. <i>Molecular Aspects of Medicine</i> , 2017, 53, 73-79.	2.7	39
17	Curcumin and Salsalate Suppresses Colonic Inflammation and Procarcinogenic Signaling in High-Fat-Fed, Azoxymethane-Treated Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7200-7209.	2.4	15
18	Why devote an entire issue to the topic of how nutrients in one-carbon metabolism play roles in modern medicine?. <i>Molecular Aspects of Medicine</i> , 2017, 53, 1.	2.7	0

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19	Oral administration of curcumin and salsalate attenuates high fat diet-induced up-regulation of pro-inflammatory colonic cytokines and suppresses Akt/NF- κ B signaling in azoxymethane-treated mice. <i>FASEB Journal</i> , 2017, 31, .	0.2	0
20	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.	1.2	61
21	Genetic variation in one-carbon metabolism in relation to genome-wide DNA methylation in breast tissue from healthy women. <i>Carcinogenesis</i> , 2016, 37, 471-480.	1.3	22
22	Interactions between the colonic transcriptome, metabolome, and microbiome in mouse models of obesity-induced intestinal cancer. <i>Physiological Genomics</i> , 2016, 48, 545-553.	1.0	21
23	Paternal B Vitamin Intake Is a Determinant of Growth, Hepatic Lipid Metabolism and Intestinal Tumor Volume in Female Apc1638N Mouse Offspring. <i>PLoS ONE</i> , 2016, 11, e0151579.	1.1	9
24	The Influence of Commensal Microflora on Small Intestinal Inflammation and Wnt Pathway in High Fat and Genetically-induced Obese Apc 1638N Mice. <i>FASEB Journal</i> , 2016, 30, .	0.2	0
25	Diet- and Genetically-Induced Obesity Differentially Affect the Fecal Microbiome and Metabolome in Apc1638N Mice. <i>PLoS ONE</i> , 2015, 10, e0135758.	1.1	42
26	Obesity Is Associated with Increased Red Blood Cell Folate Despite Lower Dietary Intakes and Serum Concentrations ¹⁻⁴ . <i>Journal of Nutrition</i> , 2015, 145, 79-86.	1.3	124
27	Associations between genetic variation in one-carbon metabolism and LINE-1 DNA methylation in histologically normal breast tissues. <i>Epigenetics</i> , 2015, 10, 727-735.	1.3	15
28	Relationships among folate, alcohol consumption, gene variants in one-carbon metabolism and p16INK4a methylation and expression in healthy breast tissues. <i>Carcinogenesis</i> , 2015, 36, 60-67.	1.3	18
29	Colon-specific tumorigenesis in mice driven by Cre-mediated inactivation of Apc and activation of mutant Kras. <i>Cancer Letters</i> , 2014, 347, 191-195.	3.2	17
30	Dietary vitamin B6 intake modulates colonic inflammation in the IL10 ^{-/-} model of inflammatory bowel disease. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 2138-2143.	1.9	74
31	Dietary Vitamin B6 intake modulates colonic inflammation in the IL10 ^{-/-} model of Inflammatory Bowel Disease. <i>FASEB Journal</i> , 2013, 27, 1077.19.	0.2	0
32	Loss of tumor necrosis factor- α diminishes indicators of colonic Wnt signaling activation induced by obesity. <i>FASEB Journal</i> , 2013, 27, 46.4.	0.2	0
33	Diet-induced obesity elevates colonic TNF- α in mice and is accompanied by an activation of Wnt signaling: a mechanism for obesity-associated colorectal cancer. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1207-1213.	1.9	137
34	Promoter Methylation of E-Cadherin, p16, and RAR- β Genes in Breast Tumors and Dietary Intake of Nutrients Important in One-Carbon Metabolism. <i>Nutrition and Cancer</i> , 2011, 63, 1143-1150.	0.9	19
35	Maternal one-carbon nutrient intake and cancer risk in offspring. <i>Nutrition Reviews</i> , 2011, 69, 561-571.	2.6	24
36	Unraveling the complex relationship between folate and cancer risk. <i>BioFactors</i> , 2011, 37, 253-260.	2.6	44

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37	Increased cancer cell proliferation in prostate cancer patients with high levels of serum folate. <i>Prostate</i> , 2011, 71, 1287-1293.	1.2	42
38	Maternal B vitamin supplementation from preconception through weaning suppresses intestinal tumorigenesis in Apc1638N mouse offspring. <i>Gut</i> , 2011, 60, 1695-1702.	6.1	21
39	Altered Folate Availability Modifies the Molecular Environment of the Human Colorectum: Implications for Colorectal Carcinogenesis. <i>Cancer Prevention Research</i> , 2011, 4, 530-543.	0.7	41
40	Folate consumption and cancer risk: a confirmation and some reassurance, but we're not out of the woods quite yet. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 965-966.	2.2	30
41	Combined inadequacies of multiple B vitamins amplify colonic <i>Wnt</i> signaling and promote intestinal tumorigenesis in <i>BATfA-LacZ-Apc1638N</i> mice. <i>FASEB Journal</i> , 2011, 25, 3136-3145.	0.2	18
42	Concentration of folate in colorectal tissue biopsies predicts prevalence of adenomatous polyps. <i>Gut</i> , 2011, 60, 66-72.	6.1	8
43	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.	1.2	29
44	Revisiting the Goldilocks Phenomenon: Folate and Colorectal Cancer Risk. <i>American Journal of Gastroenterology</i> , 2010, 105, 1914-1916.	0.2	5
45	Mild inadequacy in multiple one-carbon vitamins elevates <i>Wnt</i> signaling and promotes intestinal tumorigenesis in the <i>BATfA-LacZx-Apc1638N</i> mouse model. <i>FASEB Journal</i> , 2010, 24, 1b382.	0.2	1
46	TNF α induced alterations in the <i>Wnt</i> signaling cascade: a potential mechanism for obesity-associated colorectal tumorigenesis. <i>FASEB Journal</i> , 2010, 24, 1b384.	0.2	0
47	Maternal B vitamin supplementation from preconception through weaning suppresses intestinal tumorigenesis among offspring in the <i>Apc+/1638N</i> mouse. <i>FASEB Journal</i> , 2010, 24, 217.1.	0.2	0
48	Polymorphisms in uracil-processing genes, but not one-carbon nutrients, are associated with altered DNA uracil concentrations in an urban Puerto Rican population. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1927-1936.	2.2	13
49	Nutrition Chemoprevention of Gastrointestinal Cancers: A Critical Review. <i>Nutrition Reviews</i> , 2009, 54, 259-279.	2.6	57
50	Folate, cancer risk, and the Greek god, Proteus: a tale of two chameleons. <i>Nutrition Reviews</i> , 2009, 67, 206-212.	2.6	85
51	Too much folate: a risk factor for cancer and cardiovascular disease?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 30-36.	1.3	104
52	Not all cases of neural-tube defect can be prevented by increasing the intake of folic acid. <i>British Journal of Nutrition</i> , 2009, 102, 173-180.	1.2	106
53	Ethanol increases histone H3K4 methylation and decreases histone H3K9 acetylation in conjunction with increased p16 gene expression in the normal colonic epithelial cells. <i>FASEB Journal</i> , 2009, 23, 555.5.	0.2	0
54	Multiple B vitamin inadequacy amplifies alterations induced by folate depletion in <i>p53</i> expression and its downstream effector <i>MDM2</i> . <i>International Journal of Cancer</i> , 2008, 123, 519-525.	2.3	22

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55	Moderate folate depletion modulates the expression of selected genes involved in cell cycle, intracellular signaling and folate uptake in human colonic epithelial cell lines. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 328-335.	1.9	84
56	Other one-carbon micronutrients and age modulate the effects of folate on colorectal carcinogenesis. <i>Nutrition Reviews</i> , 2008, 66, S15-S17.	2.6	7
57	Associations between single nucleotide polymorphisms in folate uptake and metabolizing genes with blood folate, homocysteine, and DNA uracil concentrations. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 1149-1158.	2.2	90
58	A Temporal Association between Folic Acid Fortification and an Increase in Colorectal Cancer Rates May Be Illuminating Important Biological Principles: A Hypothesis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 1325-1329.	1.1	393
59	Folate depletion in human lymphocytes up-regulates p53 expression despite marked induction of strand breaks in exons 5-8 of the gene. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 626, 171-179.	0.9	22
60	Older Age and Dietary Folate Are Determinants of Genomic and p16-Specific DNA Methylation in Mouse Colon. <i>Journal of Nutrition</i> , 2007, 137, 1713-1717.	1.3	99
61	Mild Depletion of Dietary Folate Combined with Other B Vitamins Alters Multiple Components of the Wnt Pathway in Mouse Colon. <i>Journal of Nutrition</i> , 2007, 137, 2701-2708.	1.3	42
62	Folic Acid and Vitamin B-12 Supplementation Does Not Favorably Influence Uracil Incorporation and Promoter Methylation in Rectal Mucosa DNA of Subjects with Previous Colorectal Adenomas. <i>Journal of Nutrition</i> , 2007, 137, 2114-2120.	1.3	57
63	DNA Methylation Changes after 5-Aza-2-Deoxycytidine Therapy in Patients with Leukemia. <i>Cancer Research</i> , 2006, 66, 5495-5503.	0.4	253
64	Chronic cigarette smoking is associated with diminished folate status, altered folate form distribution, and increased genetic damage in the buccal mucosa of healthy adults. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 835-841.	2.2	135
65	A Comparison of Carotenoids, Retinoids, and Tocopherols in the Serum and Buccal Mucosa of Chronic Cigarette Smokers versus Nonsmokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 993-999.	1.1	41
66	Genetic and Epigenetic Interactions between Folate and Aging in Carcinogenesis. <i>Journal of Nutrition</i> , 2005, 135, 2967S-2971S.	1.3	50
67	Folate supplementation increases genomic DNA methylation in the liver of elder rats. <i>British Journal of Nutrition</i> , 2005, 93, 31-35.	1.2	148
68	Effects of alcohol on folate metabolism: implications for carcinogenesis. <i>Alcohol</i> , 2005, 35, 235-241.	0.8	170
69	Accumulation of mitochondrial DNA deletions is age, tissue and folate-dependent in rats. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 570, 63-70.	0.4	48
70	Relationship of aging and tobacco use with the development of aberrant crypt foci in a predominantly African-American population. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 271-278.	2.4	36
71	Vitamin B-12 Deficiency Induces Anomalies of Base Substitution and Methylation in the DNA of Rat Colonic Epithelium. <i>Journal of Nutrition</i> , 2004, 134, 750-755.	1.3	86
72	The effect of dietary folate on genomic and p53-specific DNA methylation in rat colon. <i>Carcinogenesis</i> , 2003, 24, 81-90.	1.3	97

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73	Effects of dietary folate and aging on gene expression in the colonic mucosa of rats: implications for carcinogenesis. <i>Carcinogenesis</i> , 2003, 25, 69-76.	1.3	50
74	Biomarkers of Nutrient Exposure and Status in One-Carbon (Methyl) Metabolism. <i>Journal of Nutrition</i> , 2003, 133, 941S-947S.	1.3	185
75	Biochemical and Molecular Aberrations in the Rat Colon Due to Folate Depletion Are Age-Specific. <i>Journal of Nutrition</i> , 2003, 133, 1206-1212.	1.3	64
76	A common mutation in the 5,10-methylenetetrahydrofolate reductase gene affects genomic DNA methylation through an interaction with folate status. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5606-5611.	3.3	847
77	Diet, folate, and colon cancer. <i>Current Opinion in Gastroenterology</i> , 2002, 18, 229-234.	1.0	9
78	Severe Folate Deficiency Impairs Natural Killer Cell-Mediated Cytotoxicity in Rats. <i>Journal of Nutrition</i> , 2002, 132, 1361-1367.	1.3	34
79	Folate Status and Age Affect the Accumulation of I-isoaspartyl Residues in Rat Liver Proteins. <i>Journal of Nutrition</i> , 2002, 132, 1357-1360.	1.3	26
80	Folate Status: Effects on Pathways of Colorectal Carcinogenesis. <i>Journal of Nutrition</i> , 2002, 132, 2413S-2418S.	1.3	330
81	Nutritional chemoprevention of colon cancer. <i>Seminars in Gastrointestinal Disease</i> , 2002, 13, 143-53.	0.8	17
82	Effects of folate supplementation on two provisional molecular markers of colon cancer: a prospective, randomized trial. <i>American Journal of Gastroenterology</i> , 2001, 96, 184-195.	0.2	117
83	Folate status among patients with non-small cell lung cancer: A case-control study. <i>Journal of Surgical Oncology</i> , 2001, 77, 247-252.	0.8	19
84	Folate and Carcinogenesis: An Integrated Scheme. <i>Journal of Nutrition</i> , 2000, 130, 129-132.	1.3	782
85	Effect of Chronic Alcohol Consumption on Total Plasma Homocysteine Level in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 259-264.	1.4	94
86	Folate and carcinogenesis: developing a unifying hypothesis. <i>Advances in Enzyme Regulation</i> , 2000, 40, 127-141.	2.9	71
87	Effects of dietary folate on DNA strand breaks within mutation-prone exons of the p53 gene in rat colon. <i>Gastroenterology</i> , 2000, 119, 151-161.	0.6	88
88	Chronic Alcohol Consumption Induces Genomic but Not p53-Specific DNA Hypomethylation in Rat Colon. <i>Journal of Nutrition</i> , 1999, 129, 1945-1950.	1.3	114
89	The effect of dietary folate on Apc and p53 mutations in the dimethylhydrazine rat model of colorectal cancer *. <i>Carcinogenesis</i> , 1999, 20, 2345-2350.	1.3	22
90	Nutritional strategies in the prevention of colorectal cancer. <i>Current Gastroenterology Reports</i> , 1999, 1, 341-353.	1.1	10

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91	A Prospective Survey for Central Line Skin Site Colonization by the Pathogen <i>Malassezia furfur</i> Among Hospitalized Adults Receiving Total Parenteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 1997, 21, 230-232.	1.3	8
92	Folate Status: Modulation of Colorectal Carcinogenesis. <i>Developments in Cardiovascular Medicine</i> , 1997, , 167-176.	0.1	1
93	DNA hypomethylation in inflammatory arthritis: Reversal with methotrexate. <i>Translational Research</i> , 1996, 128, 165-172.	2.4	91
94	Severe Folate Deficiency Causes Secondary Depletion of Choline and Phosphocholine in Rat Liver. <i>Journal of Nutrition</i> , 1994, 124, 2197-2203.	1.3	154
95	Global DNA hypomethylation increases progressively in cervical dysplasia and carcinoma. <i>Cancer</i> , 1994, 74, 893-899.	2.0	179
96	Folate and colonic carcinogenesis: searching for a mechanistic understanding. <i>Journal of Nutritional Biochemistry</i> , 1994, 5, 170-175.	1.9	54
97	The Vitamin K Content of Intravenous Lipid Emulsions. <i>Journal of Parenteral and Enteral Nutrition</i> , 1993, 17, 142-144.	1.3	46
98	Folate, dysplasia, and cancer. <i>Gastroenterology</i> , 1989, 97, 502-503.	0.6	24