

Joshua W Miller

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,992
citations

304743

22
h-index

377865

34
g-index

49
all docs

49
docs citations

49
times ranked

8693
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.	6.4	19
2	Tobacco Industry Efforts to Respond to Smoke-Free Policies in Multi-Unit Housing: An Evaluation of Tobacco Industry Documents. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3053.	2.6	3
3	Physiologic Responses to Dietary Sulfur Amino Acid Restriction in Mice Are Influenced by Atf4 Status and Biological Sex. <i>Journal of Nutrition</i> , 2021, 151, 785-799.	2.9	24
4	Perspective: Planning and Conducting Statistical Analyses for Human Nutrition Randomized Controlled Trials: Ensuring Data Quality and Integrity. <i>Advances in Nutrition</i> , 2021, 12, 1610-1624.	6.4	13
5	Perspective: Laboratory Considerations and Clinical Data Management for Human Nutrition Randomized Controlled Trials: Guidance for Ensuring Quality and Integrity. <i>Advances in Nutrition</i> , 2021, 12, 46-58.	6.4	11
6	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.	4.7	95
7	Genetic meta-analysis of diagnosed Alzheimer’s disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430.	21.4	1,962
8	Maternal folic acid supplementation with vitamin B ₁₂ deficiency during pregnancy and lactation affects the metabolic health of adult female offspring but is dependent on offspring diet. <i>FASEB Journal</i> , 2018, 32, 5039-5050.	0.5	29
9	Proton Pump Inhibitors, H ₂ -Receptor Antagonists, Metformin, and Vitamin B-12 Deficiency: Clinical Implications. <i>Advances in Nutrition</i> , 2018, 9, 511S-518S.	6.4	75
10	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer’s disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384.	21.4	783
11	The Human Serum Metabolome of Vitamin B-12 Deficiency and Repletion, and Associations with Neurological Function in Elderly Adults. <i>Journal of Nutrition</i> , 2017, 147, 1839-1849.	2.9	18
12	Vitamin B12 deficiency. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17040.	30.5	543
13	Folic Acid Supplementation of Female Mice, with or without Vitamin B-12, before and during Pregnancy and Lactation Programs Adiposity and Vascular Health in Adult Male Offspring. <i>Journal of Nutrition</i> , 2016, 146, 688-696.	2.9	20
14	Reply to LR Solomon. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1379.	4.7	1
15	25-Hydroxyvitamin D in Patients With Cognitive Decline”Reply. <i>JAMA Neurology</i> , 2016, 73, 358.	9.0	1
16	Vitamin B-12 treatment of asymptomatic, deficient, elderly Chileans improves conductivity in myelinated peripheral nerves, but high serum folate impairs vitamin B-12 status response assessed by the combined indicator of vitamin B-12 status. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 250-257.	4.7	49
17	Relationship between Insulin-Resistance Processing Speed and Specific Executive Function Profiles in Neurologically Intact Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 622-628.	1.8	9
18	Maternal obesity disrupts the methionine cycle in baboon pregnancy. <i>Physiological Reports</i> , 2015, 3, e12564.	1.7	26

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19	Combined indicator of vitamin B12 status: modification for missing biomarkers and folate status and recommendations for revised cut-points. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 1215-25.	2.3	127
20	Vitamin D Status and Rates of Cognitive Decline in a Multiethnic Cohort of Older Adults. <i>JAMA Neurology</i> , 2015, 72, 1295.	9.0	162
21	Effects of Folic Acid Deficiency on the Murine Mammary Gland. <i>FASEB Journal</i> , 2015, 29, 919.10.	0.5	0
22	Vitamin D Status Predicts Rates of Cognitive Decline in a Multiethnic Cohort of Older Adults. <i>FASEB Journal</i> , 2015, 29, 253.2.	0.5	0
23	Plasma Choline Metabolites and Colorectal Cancer Risk in the Women's Health Initiative Observational Study. <i>Cancer Research</i> , 2014, 74, 7442-7452.	0.9	198
24	Impact of folic acid fortification on global DNA methylation and one-carbon biomarkers in the Women's Health Initiative Observational Study cohort. <i>Epigenetics</i> , 2014, 9, 396-403.	2.7	37
25	Interleukin-6, Age, and Corpus Callosum Integrity. <i>PLoS ONE</i> , 2014, 9, e106521.	2.5	48
26	Homocysteine is associated with microvascular abnormalities in sickle cell disease (827.13). <i>FASEB Journal</i> , 2014, 28, 827.13.	0.5	0
27	Folate deficiency affects mammary gland development in pre- and peri-pubescent mice (827.12). <i>FASEB Journal</i> , 2014, 28, 827.12.	0.5	0
28	Homocysteine, cysteine, and risk of incident colorectal cancer in the Women's Health Initiative observational cohort. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 827-834.	4.7	70
29	Plasma homocysteine is directly correlated with white matter hyperintensity and lateral ventricular volume, and inversely correlated with regional brain volumes in folic acid fortified, cognitively intact older adults. <i>FASEB Journal</i> , 2013, 27, 246.5.	0.5	0
30	Exchange transfusion therapy and its effects on real-time microcirculation in pediatric sickle cell anemia patients. <i>FASEB Journal</i> , 2012, 26, 832.8.	0.5	0
31	Expression of tumor suppressor genes in diet-induced liver injury: a model of the control of gene expression by gene-specific CpG island methylation. <i>FASEB Journal</i> , 2012, 26, 116.2.	0.5	0
32	Homocysteine, cysteine and risk of incident colorectal cancer in the Women's Health Initiative Observational Cohort. <i>FASEB Journal</i> , 2011, 25, 214.8.	0.5	0
33	Vitamin B12 is inversely correlated with latency of multifocal visual evoked potential in healthy older adults. <i>FASEB Journal</i> , 2011, 25, 97.2.	0.5	0
34	In vivo enrichment of chicken eggs with ¹⁴ C-B12 for determining vitamin B12 bioavailability in humans. <i>FASEB Journal</i> , 2010, 24, 915.12.	0.5	0
35	Metabolic evidence of vitamin B-12 deficiency, including high homocysteine and methylmalonic acid and low holotranscobalamin, is more pronounced in older adults with elevated plasma folate. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1586-1592.	4.7	99
36	Oral Administration of Carbon-14 Labeled Cyanocobalamin (14C-Cbl) Reveals Variable Degradation of Vitamin B12 in the Gastrointestinal Tract That Impacts Vitamin B12 Absorption and Status.. <i>Blood</i> , 2009, 114, 3018-3018.	1.4	5

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37	Inhibition of DNMT1 with 5-aza-2'-deoxycytidine induces expression of tumor antigens (GAGE, MAGE, PAGE, Tj ETQq1 1 0.784	0.5	0
38	Elevated plasma folate in older adults is associated with more pronounced evidence of vitamin B12 deficiency, including high homocysteine and methylmalonic acid and low holotranscobalamin. FASEB Journal, 2009, 23, 335.5.	0.5	0
39	Evidence that physiological doses of vitamin B12 are metabolized or degraded in the gastrointestinal tract: implications for vitamin B12 bioavailability and fortification. FASEB Journal, 2009, 23, 335.6.	0.5	0
40	Diverse effects of DNMT1 inhibition and MBD2 knockdown on gene expression in Hep3B and HepG2 cells. FASEB Journal, 2009, 23, 925.5.	0.5	0
41	Folate, DNA methylation, and mouse models of breast tumorigenesis. Nutrition Reviews, 2008, 66, S59-S64.	5.8	13
42	Measurement of Total Vitamin B12 and Holotranscobalamin, Singly and in Combination, in Screening for Metabolic Vitamin B12 Deficiency. Clinical Chemistry, 2006, 52, 278-285.	3.2	125
43	Quantitation of in vivo human folate metabolism. American Journal of Clinical Nutrition, 2004, 80, 680-691.	4.7	83
44	Correlation between Real-Time Microvascular Abnormalities and Whole Blood Viscosity (WBV) in Type-2 Diabetes Mellitus (T2DM) Patients.. Blood, 2004, 104, 3909-3909.	1.4	0
45	Homocysteine and cognitive function in the Sacramento Area Latino Study on Aging. American Journal of Clinical Nutrition, 2003, 78, 441-447.	4.7	128
46	Transcobalamin II 775G>C polymorphism and indices of vitamin B12 status in healthy older adults. Blood, 2002, 100, 718-720.	1.4	112
47	Homocysteine, Folate Deficiency, and Parkinson's Disease. Nutrition Reviews, 2002, 60, 410-413.	5.8	29
48	Vitamin B12 Deficiency, Tumor Necrosis Factor-Î± and Epidermal Growth Factor: a Novel Function for Vitamin B12?. Nutrition Reviews, 2002, 60, 142-144.	5.8	26