

Aron M Troen

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,563
citations

304602

22
h-index

233338

45
g-index

48
all docs

48
docs citations

48
times ranked

3606
citing authors

#	ARTICLE	IF	CITATIONS
1	Unmetabolized Folic Acid in Plasma Is Associated with Reduced Natural Killer Cell Cytotoxicity among Postmenopausal Women. <i>Journal of Nutrition</i> , 2006, 136, 189-194.	1.3	365
2	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 107-117.	1.8	250
3	Homocysteine versus the vitamins folate, B6, and B12 as predictors of cognitive function and decline in older high-functioning adults: MacArthur Studies of Successful Aging. <i>American Journal of Medicine</i> , 2005, 118, 161-167.	0.6	248
4	Cognitive findings of an exploratory trial of docosahexaenoic acid and lutein supplementation in older women. <i>Nutritional Neuroscience</i> , 2008, 11, 75-83.	1.5	242
5	B-vitamin deficiency causes hyperhomocysteinemia and vascular cognitive impairment in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12474-12479.	3.3	161
6	The atherogenic effect of excess methionine intake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15089-15094.	3.3	147
7	Circulating folic acid in plasma: relation to folic acid fortification. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 763-768.	2.2	112
8	The central nervous system in animal models of hyperhomocysteinemia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 1140-1151.	2.5	97
9	B vitamins and the aging brain. <i>Nutrition Reviews</i> , 2010, 68, S112-S118.	2.6	88
10	Cognitive Impairment in Folate-Deficient Rats Corresponds to Depleted Brain Phosphatidylcholine and Is Prevented by Dietary Methionine without Lowering Plasma Homocysteine. <i>Journal of Nutrition</i> , 2008, 138, 2502-2509.	1.3	73
11	Status of Vitamins B-12 and B-6 but Not of Folate, Homocysteine, and the Methylenetetrahydrofolate Reductase C677T Polymorphism Are Associated with Impaired Cognition and Depression in Adults. <i>Journal of Nutrition</i> , 2012, 142, 1554-1560.	1.3	67
12	Impaired spatial memory in APP-overexpressing mice on a homocysteinemia-inducing diet. <i>Neurobiology of Aging</i> , 2007, 28, 1195-1205.	1.5	54
13	Homocysteine and Cognitive Function. <i>Seminars in Vascular Medicine</i> , 2005, 5, 209-214.	2.1	50
14	Effects of dietary folate intake and folate binding protein-1 (Folbp1) on urinary speciation of sodium arsenate in mice. <i>Toxicology Letters</i> , 2003, 145, 167-174.	0.4	44
15	Sulfur amino acids and atherosclerosis: a role for excess dietary methionine. <i>Annals of the New York Academy of Sciences</i> , 2016, 1363, 18-25.	1.8	43
16	CpG and non-CpG Presenilin1 methylation pattern in course of neurodevelopment and neurodegeneration is associated with gene expression in human and murine brain. <i>Epigenetics</i> , 2020, 15, 781-799.	1.3	39
17	First Israeli National Iodine Survey Demonstrates Iodine Deficiency Among School-Aged Children and Pregnant Women. <i>Thyroid</i> , 2017, 27, 1083-1091.	2.4	35
18	Effect of Combination Folic Acid, Vitamin B6, and Vitamin B12 Supplementation on Fracture Risk in Women: A Randomized, Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2331-2338.	3.1	32

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19	Cognitive Dysfunction and Depression in Adult Kidney Transplant Recipients: Baseline Findings from the FAVORIT Ancillary Cognitive Trial (FACT). , 2012, 22, 268-276.e3.		30
20	Ensuring Effective Prevention of Iodine Deficiency Disorders. <i>Thyroid</i> , 2016, 26, 189-196.	2.4	30
21	B-vitamins for neuroprotection: Narrowing the evidence gap. <i>BioFactors</i> , 2012, 38, 145-150.	2.6	29
22	Cerebral perfusion and oxygenation are impaired by folate deficiency in rat: Absolute measurements with noninvasive near-infrared spectroscopy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1482-1492.	2.4	25
23	Developmental consequences of in utero sodium arsenate exposure in mice with folate transport deficiencies. <i>Toxicology and Applied Pharmacology</i> , 2005, 203, 18-26.	1.3	24
24	MAT1A variants are associated with hypertension, stroke, and markers of DNA damage and are modulated by plasma vitamin B-6 and folate. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1377-1386.	2.2	24
25	Dihydrofolate reductase 19-bp deletion polymorphism modifies the association of folate status with memory in a cross-sectional multi-ethnic study of adults. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1279-1288.	2.2	19
26	Progress and challenges in eliminating iodine deficiency in Ethiopia: a systematic review. <i>BMC Nutrition</i> , 2016, 2, .	0.6	19
27	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
28	Effects of dietary folate intake and folate binding protein-2 (Folbp2) on urinary speciation of sodium arsenate in mice. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 1-7.	2.0	18
29	A Technical and Policy Case Study of Large-Scale Rescue and Redistribution of Perishable Foods by the “Leket Israel” Food Bank. <i>Food and Nutrition Bulletin</i> , 2017, 38, 226-239.	0.5	18
30	Can desalinated seawater contribute to iodine-deficiency disorders? An observation and hypothesis. <i>Public Health Nutrition</i> , 2016, 19, 2808-2817.	1.1	17
31	Betaine attenuates pathology by stimulating lipid oxidation in liver and regulating phospholipid metabolism in brain of methionine“choline” deficient rats. <i>FASEB Journal</i> , 2019, 33, 9334-9349.	0.2	17
32	Effect of Advanced Glycation End Products on Cognition in Older Adults with Type 2 Diabetes: Results from a Pilot Clinical Trial. <i>Journal of Alzheimer’s Disease</i> , 2021, 82, 1785-1795.	1.2	17
33	Food-Aid Quality Correlates Positively With Diet Quality of Food Pantry Users in the Leket Israel Food Bank Collaborative. <i>Frontiers in Nutrition</i> , 2018, 5, 123.	1.6	14
34	The neuroprotective properties of a novel variety of passion fruit. <i>Journal of Functional Foods</i> , 2016, 23, 359-369.	1.6	12
35	Elevated Serum Thyroglobulin and Low Iodine Intake Are Associated with Nontoxic Nodular Goiter among Adults Living near the Eastern Mediterranean Coast. <i>Journal of Thyroid Research</i> , 2014, 2014, 1-6.	0.5	11
36	Folate and Vitamin B12: Function and Importance in Cognitive Development. <i>Nestle Nutrition Institute Workshop Series</i> , 2012, 70, 161-171.	1.5	10

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37	Low Iodine Intake from Dairy Foods Despite High Milk Iodine Content in Israel. <i>Thyroid</i> , 2018, 28, 1042-1051.	2.4	10
38	B-VITAMIN THERAPY FOR KIDNEY TRANSPLANT RECIPIENTS LOWERS HOMOCYSTEINE AND IMPROVES SELECTIVE COGNITIVE OUTCOMES IN THE RANDOMIZED FAVORIT ANCILLARY COGNITIVE TRIAL. <i>Journal of prevention of Alzheimer's disease</i> , 2017, 4, 1-8.	1.5	10
39	The Folate Hydrolase 1561C>T Polymorphism Is Associated With Depressive Symptoms in Puerto Rican Adults. <i>Psychosomatic Medicine</i> , 2011, 73, 385-392.	1.3	9
40	Cerebral Blood Volume and Vasodilation are Independently Diminished by Aging and Hypertension: A Near Infrared Spectroscopy Study. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S189-S198.	1.2	8
41	Long Term Dietary Restriction of Advanced Glycation End-Products (AGEs) in Older Adults with Type 2 Diabetes Is Feasible and Efficacious-Results from a Pilot RCT. <i>Nutrients</i> , 2020, 12, 3143.	1.7	7
42	Design and Feasibility of a Randomized Controlled Pilot Trial to Reduce Exposure and Cognitive Risk Associated With Advanced Glycation End Products in Older Adults With Type 2 Diabetes. <i>Frontiers in Nutrition</i> , 2021, 8, 614149.	1.6	5
43	Child food insecurity in the wake of the COVID-19 pandemic: urgent need for policy evaluation and reform in Israel's school feeding programs. <i>Israel Journal of Health Policy Research</i> , 2022, 11, 13.	1.4	3
44	Results of the national biomonitoring program show persistent iodine deficiency in Israel. <i>Israel Journal of Health Policy Research</i> , 2022, 11, 18.	1.4	2
45	[P2â€œ013]: Bâ€œVITAMIN THERAPY LOWERS HOMOCYSTEINE AND IMPROVES SELECTIVE COGNITIVE OUTCOMES IN THE RANDOMIZED FAVORIT ANCILLARY COGNITIVE TRIAL. <i>Alzheimer's and Dementia</i> , 2017, 13, P609.	0.4	0
46	Preventable decrements of cerebral microvascular volume and vasodilatation in a rat model of dietâ€œinduced Vascular Cognitive Impairment: nonâ€œinvasive detection by absolute Near Infrared Spectroscopy. <i>FASEB Journal</i> , 2013, 27, 1186.5.	0.2	0