

# Maria Mulhern

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,714  
citations

279487

23  
h-index

288905

40  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of the dietary requirement for vitamin D in healthy adults. American Journal of Clinical Nutrition, 2008, 88, 1535-1542.	2.2	221
2	Vitamin D deficiency and insufficiency in pregnant women: a longitudinal study. British Journal of Nutrition, 2009, 102, 876-881.	1.2	209
3	Estimation of the dietary requirement for vitamin D in free-living adults ≥64 y of age. American Journal of Clinical Nutrition, 2009, 89, 1366-1374.	2.2	152
4	Prenatal exposure to methyl mercury from fish consumption and polyunsaturated fatty acids: associations with child development at 20 mo of age in an observational study in the Republic of Seychelles. American Journal of Clinical Nutrition, 2015, 101, 530-537.	2.2	107
5	Associations of Prenatal Mercury Exposure From Maternal Fish Consumption and Polyunsaturated Fatty Acids With Child Neurodevelopment: A Prospective Cohort Study in Italy. Journal of Epidemiology, 2013, 23, 360-370.	1.1	81
6	Maternal PUFA Status but Not Prenatal Methylmercury Exposure Is Associated with Children's Language Functions at Age Five Years in the Seychelles. Journal of Nutrition, 2012, 142, 1943-1949.	1.3	60
7	Micronutrients, iodine status and concentrations of thyroid hormones: a systematic review. Nutrition Reviews, 2018, 76, 418-431.	2.6	54
8	Maternal Serum Cytokine Concentrations in Healthy Pregnancy and Preeclampsia. Journal of Pregnancy, 2021, 2021, 1-33.	1.1	54
9	Assessment of 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D3 concentrations in male and female multiple sclerosis patients and control volunteers. Multiple Sclerosis Journal, 2007, 13, 670-672.	1.4	53
10	Effect of adiposity on vitamin D status and the 25-hydroxycholecalciferol response to supplementation in healthy young and older Irish adults. British Journal of Nutrition, 2012, 107, 126-134.	1.2	48
11	Effect of vitamin D supplementation on vitamin D status and bone turnover markers in young adults. European Journal of Clinical Nutrition, 2006, 60, 727-733.	1.3	47
12	Maintenance of Wintertime Vitamin D Status with Cholecalciferol Supplementation Is Not Associated with Alterations in Serum Cytokine Concentrations among Apparently Healthy Younger or Older Adults. Journal of Nutrition, 2011, 141, 476-481.	1.3	42
13	Prenatal methyl mercury exposure in relation to neurodevelopment and behavior at 19 years of age in the Seychelles Child Development Study. Neurotoxicology and Teratology, 2013, 39, 19-25.	1.2	42
14	Iodine knowledge is positively associated with dietary iodine intake among women of childbearing age in the UK and Ireland. British Journal of Nutrition, 2016, 116, 1728-1735.	1.2	35
15	Genetic variation in FADS genes is associated with maternal long-chain PUFA status but not with cognitive development of infants in a high fish-eating observational study. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 102-103, 13-20.	1.0	34
16	Vitamin D, Muscle Function, and Cardiorespiratory Fitness in Adolescents From the Young Hearts Study. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4621-4628.	1.8	34
17	Maternal polymorphisms in glutathione-related genes are associated with maternal mercury concentrations and early child neurodevelopment in a population with a fish-rich diet. Environment International, 2018, 115, 142-149.	4.8	34
18	Cholecalciferol Supplementation throughout Winter Does Not Affect Markers of Bone Turnover in Healthy Young and Elderly Adults. Journal of Nutrition, 2010, 140, 454-460.	1.3	32

#	ARTICLE	IF	CITATIONS
19	Polymorphisms in ATP-binding cassette transporters associated with maternal methylmercury disposition and infant neurodevelopment in mother-infant pairs in the Seychelles Child Development Study. <i>Environment International</i> , 2016, 94, 224-229.	4.8	32
20	Incremental Cholecalciferol Supplementation up to 15 $\hat{1}/4$ g/d Throughout Winter at 51 $\hat{1}$ 55 $\hat{1}$ N Has No Effect on Biomarkers of Cardiovascular Risk in Healthy Young and Older Adults. <i>Journal of Nutrition</i> , 2012, 142, 1519-1525.	1.3	30
21	Validation of a food frequency questionnaire to determine vitamin <sc>D</sc> intakes using the method of triads. <i>Journal of Human Nutrition and Dietetics</i> , 2016, 29, 255-261.	1.3	28
22	Neurodevelopmental outcomes at 5 years in children exposed prenatally to maternal dental amalgam: The Seychelles Child Development Nutrition Study. <i>Neurotoxicology and Teratology</i> , 2013, 39, 57-62.	1.2	27
23	The Effect of Processing and Seasonality on the Iodine and Selenium Concentration of Cow $\hat{1}$ ™s Milk Produced in Northern Ireland (NI): Implications for Population Dietary Intake. <i>Nutrients</i> , 2018, 10, 287.	1.7	26
24	Choline status and neurodevelopmental outcomes at 5 years of age in the Seychelles Child Development Nutrition Study. <i>British Journal of Nutrition</i> , 2013, 110, 330-336.	1.2	25
25	Prenatal exposure to dental amalgam in the Seychelles Child Development Nutrition Study: Associations with neurodevelopmental outcomes at 9 and 30 months. <i>NeuroToxicology</i> , 2012, 33, 1511-1517.	1.4	23
26	Maternal Vitamin D Status and the Relationship with Neonatal Anthropometric and Childhood Neurodevelopmental Outcomes: Results from the Seychelles Child Development Nutrition Study. <i>Nutrients</i> , 2017, 9, 1235.	1.7	23
27	Vitamin D status is associated with muscle strength and quality of life in patients with COPD: a seasonal prospective observation study. <i>International Journal of COPD</i> , 2018, Volume 13, 2613-2622.	0.9	21
28	PUFA Status and Methylmercury Exposure Are Not Associated with Leukocyte Telomere Length in Mothers or Their Children in the Seychelles Child Development Study. <i>Journal of Nutrition</i> , 2017, 147, 2018-2024.	1.3	20
29	Associations of blood mercury and fatty acid concentrations with blood mitochondrial DNA copy number in the Seychelles Child Development Nutrition Study. <i>Environment International</i> , 2019, 124, 278-283.	4.8	15
30	Intakes and adequacy of potentially important nutrients for cognitive development among 5-year-old children in the Seychelles Child Development and Nutrition Study. <i>Public Health Nutrition</i> , 2012, 15, 1670-1677.	1.1	14
31	Cow Milk Consumption Increases Iodine Status in Women of Childbearing Age in a Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2018, 148, 401-408.	1.3	14
32	Dietary Determinants of Polyunsaturated Fatty Acid (PUFA) Status in a High Fish-Eating Cohort during Pregnancy. <i>Nutrients</i> , 2018, 10, 927.	1.7	14
33	Associations of maternal immune response with MeHg exposure at 28 weeks $\hat{1}$ ™ gestation in the Seychelles Child Development Study. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e13046.	1.2	12
34	Indices of adiposity as predictors of cardiometabolic risk and inflammation in young adults. <i>Journal of Human Nutrition and Dietetics</i> , 2016, 29, 26-37.	1.3	11
35	Maternal immune markers during pregnancy and child neurodevelopmental outcomes at age 20 months in the Seychelles Child Development Study. <i>Journal of Neuroimmunology</i> , 2019, 335, 577023.	1.1	11
36	Maternal obesity and baseline vitamin D insufficiency alter the response to vitamin D supplementation: a double-blind, randomized trial in pregnant women. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1208-1218.	2.2	11

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37	Maternal Gestational Immune Response and Autism Spectrum Disorder Phenotypes at 7 Years of Age in the Seychelles Child Development Study. <i>Molecular Neurobiology</i> , 2019, 56, 5000-5008.	1.9	9
38	Prenatal and recent methylmercury exposure and heart rate variability in young adults: the Seychelles Child Development Study. <i>Neurotoxicology and Teratology</i> , 2019, 74, 106810.	1.2	6
39	Serum cytokines are associated with n-3 polyunsaturated fatty acids and not with methylmercury measured in infant cord blood in the Seychelles child development study. <i>Environmental Research</i> , 2022, 204, 112003.	3.7	2
40	Vitamin D: Status, Supplementation and Immunomodulation. <i>Current Nutrition and Food Science</i> , 2006, 2, 315-336.	0.3	1
41	Vitamin D status in pregnancy: Data from the Seychelles Child Development Nutrition Study. <i>Proceedings of the Nutrition Society</i> , 2012, 71, .	0.4	0