

Gary J Myers

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95 papers	5,184 citations	33 h-index	71 g-index
105 ext. papers	5,747 ext. citations	7.3 avg, IF	5.01 L-index

#	Paper	IF	Citations
95	The toxicology of mercury--current exposures and clinical manifestations. <i>New England Journal of Medicine</i> , 2003 , 349, 1731-7	59.2	1321
94	Effects of prenatal and postnatal methylmercury exposure from fish consumption on neurodevelopment: outcomes at 66 months of age in the Seychelles Child Development Study. <i>JAMA - Journal of the American Medical Association</i> , 1998 , 280, 701-7	27.4	492
93	Prenatal methylmercury exposure from ocean fish consumption in the Seychelles child development study. <i>Lancet, The</i> , 2003 , 361, 1686-92	40	455
92	Associations of maternal long-chain polyunsaturated fatty acids, methyl mercury, and infant development in the Seychelles Child Development Nutrition Study. <i>NeuroToxicology</i> , 2008 , 29, 776-82	4.4	176
91	Neuroimaging and neurodevelopmental outcome in extremely preterm infants. <i>Pediatrics</i> , 2015 , 135, e32-42	7.4	165
90	Neurodevelopmental effects of maternal nutritional status and exposure to methylmercury from eating fish during pregnancy. <i>NeuroToxicology</i> , 2008 , 29, 767-75	4.4	156
89	Fetal methylmercury poisoning: clinical and toxicological data on 29 cases. <i>Annals of Neurology</i> , 1980 , 7, 348-53	9.4	140
88	The chemical nature of mercury in human brain following poisoning or environmental exposure. <i>ACS Chemical Neuroscience</i> , 2010 , 1, 810-8	5.7	135
87	Twenty-seven years studying the human neurotoxicity of methylmercury exposure. <i>Environmental Research</i> , 2000 , 83, 275-85	7.9	114
86	Early clinical manifestations and intellectual outcome in children with symptomatic congenital cytomegalovirus infection. <i>Journal of Pediatrics</i> , 1987 , 111, 343-8	3.6	112
85	Fish consumption and prenatal methylmercury exposure: cognitive and behavioral outcomes in the main cohort at 17 years from the Seychelles child development study. <i>NeuroToxicology</i> , 2011 , 32, 711-7	4.4	89
84	Postnatal exposure to methyl mercury from fish consumption: a review and new data from the Seychelles Child Development Study. <i>NeuroToxicology</i> , 2009 , 30, 338-49	4.4	86
83	Prenatal methyl mercury exposure from fish consumption and child development: a review of evidence and perspectives from the Seychelles Child Development Study. <i>NeuroToxicology</i> , 2006 , 27, 1106-9	4.4	86
82	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. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 530-7	7	77
81	Nutrient and methyl mercury exposure from consuming fish. <i>Journal of Nutrition</i> , 2007 , 137, 2805-8	4.1	77
80	Longitudinal, 15-year follow-up of children born at less than 29 weeksTgestation after introduction of surfactant therapy into a region: neurologic, cognitive, and educational outcomes. <i>Pediatrics</i> , 2002 , 110, 1094-102	7.4	74
79	Methylmercury and neurodevelopment: longitudinal analysis of the Seychelles child development cohort. <i>Neurotoxicology and Teratology</i> , 2006 , 28, 529-35	3.9	68

78	Human exposure to mercury: The three modern dilemmas. <i>Journal of Trace Elements in Experimental Medicine</i> , 2003 , 16, 321-343		59
77	The biological monitoring of prenatal exposure to methylmercury. <i>NeuroToxicology</i> , 2007 , 28, 1015-22	4.4	55
76	A longitudinal analysis of prenatal exposure to methylmercury and fatty acids in the Seychelles. <i>Neurotoxicology and Teratology</i> , 2011 , 33, 325-8	3.9	54
75	Neurodevelopmental outcomes of Seychellois children from the pilot cohort at 108 months following prenatal exposure to methylmercury from a maternal fish diet. <i>Environmental Research</i> , 2000 , 84, 1-11	7.9	53
74	Neurodevelopmental outcomes of premature infants with severe respiratory failure enrolled in a randomized controlled trial of inhaled nitric oxide. <i>Journal of Pediatrics</i> , 2007 , 151, 16-22, 22.e1-3	3.6	52
73	Benchmark concentrations for methyl mercury obtained from the 9-year follow-up of the Seychelles Child Development Study. <i>NeuroToxicology</i> , 2006 , 27, 702-9	4.4	51
72	Fish consumption, mercury exposure, and their associations with scholastic achievement in the Seychelles Child Development Study. <i>NeuroToxicology</i> , 2010 , 31, 439-47	4.4	50
71	Maternal PUFA status but not prenatal methylmercury exposure is associated with children's language functions at age five years in the Seychelles. <i>Journal of Nutrition</i> , 2012 , 142, 1943-9	4.1	50
70	Does prenatal methylmercury exposure from fish consumption affect blood pressure in childhood?. <i>NeuroToxicology</i> , 2007 , 28, 924-30	4.4	49
69	Association between methylmercury exposure from fish consumption and child development at five and a half years of age in the Seychelles Child Development Study: an evaluation of nonlinear relationships. <i>Environmental Research</i> , 2000 , 84, 71-80	7.9	46
68	Association between prenatal exposure to methylmercury and visuospatial ability at 10.7 years in the seychelles child development study. <i>NeuroToxicology</i> , 2008 , 29, 453-9	4.4	45
67	Relationships between seafood consumption during pregnancy and childhood and neurocognitive development: Two systematic reviews. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 151, 14-36	2.8	44
66	Methyl mercury exposure and neurodevelopmental outcomes in the Seychelles Child Development Study Main cohort at age 22 and 24years. <i>Neurotoxicology and Teratology</i> , 2017 , 59, 35-42	3.9	38
65	Secondary analysis from the Seychelles Child Development Study: the child behavior checklist. <i>Environmental Research</i> , 2000 , 84, 12-9	7.9	38
64	Varying coefficient function models to explore interactions between maternal nutritional status and prenatal methylmercury toxicity in the Seychelles Child Development Nutrition Study. <i>Environmental Research</i> , 2011 , 111, 75-80	7.9	37
63	Prenatal methyl mercury exposure in relation to neurodevelopment and behavior at 19 years of age in the Seychelles Child Development Study. <i>Neurotoxicology and Teratology</i> , 2013 , 39, 19-25	3.9	35
62	Association between prenatal exposure to methylmercury and cognitive functioning in Seychellois children: a reanalysis of the McCarthy Scales of Children's Ability from the main cohort study. <i>Environmental Research</i> , 2000 , 84, 81-8	7.9	31
61	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. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015 , 102-103, 13-20	2.8	29

60	Contribution of fish to intakes of micronutrients important for fetal development: a dietary survey of pregnant women in the Republic of Seychelles. <i>Public Health Nutrition</i> , 2009 , 12, 1312-20	3.3	29
59	Habitual fish consumption does not prevent a decrease in LCPUFA status in pregnant women (the Seychelles Child Development Nutrition Study). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008 , 78, 343-50	2.8	28
58	Rethinking the Minamata Tragedy: What Mercury Species Was Really Responsible?. <i>Environmental Science & Technology</i> , 2020 , 54, 2726-2733	10.3	25
57	The chemical forms of mercury in human hair: a study using X-ray absorption spectroscopy. <i>Journal of Biological Inorganic Chemistry</i> , 2010 , 15, 709-15	3.7	25
56	Exploring nonlinear association between prenatal methylmercury exposure from fish consumption and child development: evaluation of the Seychelles Child Development Study nine-year data using semiparametric additive models. <i>Environmental Research</i> , 2005 , 97, 100-8	7.9	23
55	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	3.9	21
54	Prenatal exposure to dental amalgam: evidence from the Seychelles Child Development Study main cohort. <i>Journal of the American Dental Association</i> , 2011 , 142, 1283-94	1.9	21
53	Hyperbilirubinemia and language delay in premature infants. <i>Pediatrics</i> , 2009 , 123, 327-31	7.4	20
52	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	4.4	19
51	The chemical forms of mercury and selenium in whale skeletal muscle. <i>Metallomics</i> , 2011 , 3, 1232-7	4.5	19
50	Maternal fish consumption benefits children's development. <i>Lancet, The</i> , 2007 , 369, 537-8	4.0	19
49	CYP3A genes and the association between prenatal methylmercury exposure and neurodevelopment. <i>Environment International</i> , 2017 , 105, 34-42	12.9	18
48	Does Methylmercury Have a Role in Causing Developmental Disabilities in Children?. <i>Environmental Health Perspectives</i> , 2000 , 108, 413	8.4	18
47	Prenatal exposure to methylmercury and LCPUFA in relation to birth weight. <i>Annals of Epidemiology</i> , 2014 , 24, 273-8	6.4	17
46	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,	6.7	17
45	Prenatal exposure to methylmercury and child development: influence of social factors. <i>Neurotoxicology and Teratology</i> , 2004 , 26, 553-9	3.9	17
44	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	4.1	16
43	Is susceptibility to prenatal methylmercury exposure from fish consumption non-homogeneous? Tree-structured analysis for the Seychelles Child Development Study. <i>NeuroToxicology</i> , 2007 , 28, 1237-44	4.4	16

42	Prenatal Methylmercury Exposure and Children: Neurologic, Developmental, and Behavioral Research. <i>Environmental Health Perspectives</i> , 1998 , 106, 841	8.4	13
41	Using measurement error models to assess effects of prenatal and postnatal methylmercury exposure in the Seychelles Child Development Study. <i>Environmental Research</i> , 2003 , 93, 115-22	7.9	13
40	Mercury in fish. <i>Science</i> , 1998 , 279, 459, 461	33.3	12
39	Neuropathology associated with exposure to different concentrations and species of mercury: A review of autopsy cases and the literature. <i>NeuroToxicology</i> , 2020 , 78, 88-98	4.4	11
38	Prenatal methylmercury exposure and DNA methylation in seven-year-old children in the Seychelles Child Development Study. <i>Environment International</i> , 2021 , 147, 106321	12.9	11
37	Associations of maternal immune response with MeHg exposure at 28 weeksTgestation in the Seychelles Child Development Study. <i>American Journal of Reproductive Immunology</i> , 2018 , 80, e13046	3.8	10
36	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, 1670-7	3.3	9
35	Dietary Determinants of Polyunsaturated Fatty Acid (PUFA) Status in a High Fish-Eating Cohort during Pregnancy. <i>Nutrients</i> , 2018 , 10,	6.7	8
34	Associations of baroreflex sensitivity, heart rate variability, and initial orthostatic hypotension with prenatal and recent postnatal methylmercury exposure in the Seychelles Child Development Study at age 19 years. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 3395-405	4.6	8
33	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	12.9	7
32	Associations between prenatal and recent postnatal methylmercury exposure and auditory function at age 19 years in the Seychelles Child Development Study. <i>Neurotoxicology and Teratology</i> , 2014 , 46, 68-76	3.9	7
31	Interpreting epidemiological evidence in the presence of multiple endpoints: an alternative analytic approach using the 9-year follow-up of the Seychelles child development study. <i>International Archives of Occupational and Environmental Health</i> , 2009 , 82, 1031-41	3.2	7
30	Contribution of heavy metals to developmental disabilities in children. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 1997 , 3, 239-245		7
29	Methylmercury exposure and developmental neurotoxicity. <i>Bulletin of the World Health Organization</i> , 2015 , 93, 132	8.2	6
28	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	3.5	5
27	An abundance of seafood consumption studies presents new opportunities to evaluate effects on neurocognitive development. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 151, 8-13	2.8	5
26	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	3.9	4
25	Associations of prenatal methylmercury exposure and maternal polyunsaturated fatty acid status with neurodevelopmental outcomes at 7 years of age: results from the Seychelles Child Development Study Nutrition Cohort 2. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 304-313	7	4

24	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	6.2	4
23	Neurophysiologic measures of auditory function in fish consumers: associations with long chain polyunsaturated fatty acids and methylmercury. <i>NeuroToxicology</i> , 2013 , 38, 147-57	4.4	3
22	Maternal Long-Chain Polyunsaturated Fatty Acid Status, Methylmercury Exposure, and Birth Outcomes in a High-Fish-Eating Mother-Child Cohort. <i>Journal of Nutrition</i> , 2020 , 150, 1749-1756	4.1	3
21	Reply to Comments on "Rethinking the Minamata Tragedy: What Mercury Species Was Really Responsible?". <i>Environmental Science & Technology</i> , 2020 , 54, 8488-8490	10.3	2
20	Analysis of Nonlinear Associations between Prenatal Methylmercury Exposure from Fish Consumption and Neurodevelopmental Outcomes in the Seychelles Main Cohort at 17 Years. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 893-904	3.5	2
19	Neurodevelopmental and health outcomes in term infants treated with surfactant for severe respiratory failure. <i>Journal of Perinatology</i> , 2000 , 20, 291-4	3.1	2
18	Methylmercury and long chain polyunsaturated fatty acids are associated with immune dysregulation in young adults from the Seychelles child development study. <i>Environmental Research</i> , 2020 , 183, 109072	7.9	2
17	Putting findings from the Seychelles Child Development Study into perspective: The importance of a historical special issue of the Seychelles Medical and Dental Journal. <i>NeuroToxicology</i> , 2020 , 76, 111-113	4.4	2
16	Scholastic achievement among children enrolled in the Seychelles Child Development Study. <i>NeuroToxicology</i> , 2020 , 81, 347-352	4.4	1
15	Reply to Comments on "Rethinking the Minamata Tragedy: What Mercury Species Was Really Responsible?". <i>Environmental Science & Technology</i> , 2020 , 54, 8484-8485	10.3	1
14	Association of Audiometric Measures with plasma long chain polyunsaturated fatty acids in a high-fish eating population: The Seychelles Child Development Study. <i>NeuroToxicology</i> , 2020 , 77, 137-144	4.4	1
13	Association between prenatal dietary methyl mercury exposure and developmental outcomes on acquisition of articulatory-phonologic skills in children in the Republic of Seychelles. <i>NeuroToxicology</i> , 2020 , 81, 353-357	4.4	1
12	The Seychelles Child Development Study: two decades of collaboration.. <i>NeuroToxicology</i> , 2020 , 81, 315-322	4.4	1
11	Associations between maternal thyroid function in pregnancy and child neurodevelopmental outcomes at 20 months in the Seychelles Child Development Study, Nutrition Cohort 2 (SCDS NC2). <i>Journal of Nutritional Science</i> , 2021 , 10, e71	2.7	1
10	Maternal and child fatty acid desaturase genotype as determinants of cord blood long-chain PUFA (LCPUFA) concentrations in the Seychelles Child Development Study. <i>British Journal of Nutrition</i> , 2021 , 126, 1687-1697	3.6	1
9	Contribution of heavy metals to developmental disabilities in children 1997 , 3, 239		1
8	Neurodevelopmental outcome of preterm infants enrolled in myo-inositol randomized controlled trial. <i>Journal of Perinatology</i> , 2021 , 41, 2072-2087	3.1	0
7	Can one get amnesia from canned tuna? What are we forgetting?. <i>Lancet, The</i> , 2009 , 373, 1672; author reply 1672	4.0	

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| 6 | The safety of amalgam compared with resin composite restorations in children older than 6 years showed no significant differences on neurobehavioral or renal studies during a 5-year follow-up. <i>Journal of Evidence-based Dental Practice</i> , 2007 , 7, 138-40 | 1.9 |
| 5 | Developmental Disabilities Following Prenatal Exposure to Methyl Mercury from Maternal Fish Consumption: A Review of the Evidence. <i>International Review of Research in Mental Retardation</i> , 2005 , 141-169 | |
| 4 | Principles of studying low-level neurotoxic exposures in children: using the Seychelles Child Development Study of methyl mercury as a prototype. <i>NeuroToxicology</i> , 2020 , 81, 307-314 | 4.4 |
| 3 | Neurodevelopmental Effects of Maternal Nutrition Status and Exposure to Methyl Mercury from Eating Fish during Pregnancy: Evidence from the Seychelles Child Development Study 319-334 | |
| 2 | 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 | 7.9 |
| 1 | Philip William Davidson, Ph.D. obituary.. <i>NeuroToxicology</i> , 2022 , 91, 44 | 4.4 |