

Donna Mergler

List of Publications by Year in descending order

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82
papers

6,449
citations

57758

44
h-index

64796

79
g-index

83
all docs

83
docs citations

83
times ranked

6093
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to common-use pesticides, manganese, lead, and thyroid function among pregnant women from the Infants' Environmental Health (ISA) study, Costa Rica. <i>Science of the Total Environment</i> , 2022, 810, 151288.	8.0	16
2	Past mercury exposure and current symptoms of nervous system dysfunction in adults of a First Nation community (Canada). <i>Environmental Health</i> , 2022, 21, 34.	4.0	6
3	Executive functions in school-aged children exposed to airborne manganese: A multilevel analysis. <i>Environmental Research</i> , 2022, 210, 112940.	7.5	2
4	Ecosystem approaches to mercury and human health: A way toward the future. <i>Ambio</i> , 2021, 50, 527-531.	5.5	13
5	Mercury exposure and premature mortality in the Grassy Narrows First Nation community: a retrospective longitudinal study. <i>Lancet Planetary Health</i> , The, 2020, 4, e141-e148.	11.4	13
6	Rural development and shifts in household dietary practices from 1999 to 2010 in the Tapaj�s River region, Brazilian Amazon: empirical evidence from dietary surveys. <i>Globalization and Health</i> , 2020, 16, 36.	4.9	4
7	A benchmark concentration analysis for manganese in drinking water and IQ deficits in children. <i>Environment International</i> , 2019, 130, 104889.	10.0	72
8	Levels of 1-hydroxypyrene in urine of people living in an oil producing region of the Andean Amazon (Ecuador and Peru). <i>International Archives of Occupational and Environmental Health</i> , 2018, 91, 105-115.	2.3	14
9	Manganese and lead levels in settled dust in elementary schools are correlated with biomarkers of exposure in school-aged children. <i>Environmental Pollution</i> , 2018, 236, 1004-1013.	7.5	26
10	Changes in water manganese levels and longitudinal assessment of intellectual function in children exposed through drinking water. <i>NeuroToxicology</i> , 2018, 64, 118-125.	3.0	44
11	Environmental Co-Exposure to Lead and Manganese and Intellectual Deficit in School-Aged Children. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2418.	2.6	54
12	Airborne manganese exposure and neurobehavior in school-aged children living near a ferro-manganese alloy plant. <i>Environmental Research</i> , 2018, 167, 66-77.	7.5	51
13	Manganese concentrations in drinking water from villages near banana plantations with aerial mancozeb spraying in Costa Rica: Results from the Infants' Environmental Health Study (ISA). <i>Environmental Pollution</i> , 2016, 215, 247-257.	7.5	51
14	MRI pallidal signal in children exposed to manganese in drinking water. <i>NeuroToxicology</i> , 2016, 53, 124-131.	3.0	32
15	Manganese and lead in dust fall accumulation in elementary schools near a ferromanganese alloy plant. <i>Environmental Research</i> , 2016, 148, 322-329.	7.5	29
16	Pesticide exposure and neurodevelopment in children aged 6-9 years from Talamanca, Costa Rica. <i>Cortex</i> , 2016, 85, 137-150.	2.4	110
17	Mercury concentrations in urine of amerindian populations near oil fields in the peruvian and ecuadorian amazon. <i>Environmental Research</i> , 2016, 151, 344-350.	7.5	17
18	The role of strong-tie social networks in mediating food security of fish resources by a traditional riverine community in the Brazilian Amazon. <i>Ecology and Society</i> , 2015, 20, .	2.3	29

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19	Mercury Contamination in an Indicator Fish Species from Andean Amazonian Rivers Affected by Petroleum Extraction. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 279-285.	2.7	12
20	Maternal blood and hair manganese concentrations, fetal growth, and length of gestation in the ISA cohort in Costa Rica. <i>Environmental Research</i> , 2015, 136, 47-56.	7.5	54
21	Neurobehavioral Function in School-Age Children Exposed to Manganese in Drinking Water. <i>Environmental Health Perspectives</i> , 2014, 122, 1343-1350.	6.0	188
22	Aerial Application of Mancozeb and Urinary Ethylene Thiourea (ETU) Concentrations among Pregnant Women in Costa Rica: The Infants' Environmental Health Study (ISA). <i>Environmental Health Perspectives</i> , 2014, 122, 1321-1328.	6.0	66
23	Blood and Hair Manganese Concentrations in Pregnant Women from the Infants' Environmental Health Study (ISA) in Costa Rica. <i>Environmental Science & Technology</i> , 2014, 48, 3467-3476.	10.0	63
24	Elevated manganese exposure and school-aged children's behavior: A gender-stratified analysis. <i>NeuroToxicology</i> , 2014, 45, 293-300.	3.0	69
25	Toxic risks and nutritional benefits of traditional diet on near visual contrast sensitivity and color vision in the Brazilian Amazon. <i>NeuroToxicology</i> , 2013, 37, 173-181.	3.0	24
26	Risks and Benefits of Consumption of Great Lakes Fish. <i>Environmental Health Perspectives</i> , 2012, 120, 11-18.	6.0	106
27	Neurotoxic exposures and effects: Gender and sex matter! Hänninen Lecture 2011. <i>NeuroToxicology</i> , 2012, 33, 644-651.	3.0	53
28	No evidence of selenosis from a selenium-rich diet in the Brazilian Amazon. <i>Environment International</i> , 2012, 40, 128-136.	10.0	51
29	A Virtuous Cycle in the Amazon: Reducing Mercury Exposure from Fish Consumption Requires Sustainable Agriculture. , 2012, , 109-118.		4
30	Social communication network analysis of the role of participatory research in the adoption of new fish consumption behaviors. <i>Social Science and Medicine</i> , 2012, 75, 643-650.	3.8	35
31	Biomarkers of Methylmercury Exposure Immunotoxicity among Fish Consumers in Amazonian Brazil. <i>Environmental Health Perspectives</i> , 2011, 119, 1733-1738.	6.0	96
32	Elevated manganese and cognitive performance in school-aged children and their mothers. <i>Environmental Research</i> , 2011, 111, 156-163.	7.5	209
33	Selenium from dietary sources and motor functions in the Brazilian Amazon. <i>NeuroToxicology</i> , 2011, 32, 944-953.	3.0	47
34	Visual acuity in fish consumers of the Brazilian Amazon: risks and benefits from local diet. <i>Public Health Nutrition</i> , 2011, 14, 2236-2244.	2.2	15
35	Neurotoxic Sequelae of Mercury Exposure: An Intervention and Follow-up Study in the Brazilian Amazon. <i>EcoHealth</i> , 2011, 8, 210-222.	2.0	35
36	Intellectual Impairment in School-Age Children Exposed to Manganese from Drinking Water. <i>Environmental Health Perspectives</i> , 2011, 119, 138-143.	6.0	503

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37	Mercury exposure and oxidative stress in communities of the Brazilian Amazon. <i>Science of the Total Environment</i> , 2010, 408, 806-811.	8.0	108
38	Elevated levels of selenium in the typical diet of Amazonian riverside populations. <i>Science of the Total Environment</i> , 2010, 408, 4076-4084.	8.0	64
39	Tools for Thoughtful Action: The Role of Ecosystem Approaches to Health in Enhancing Public Health. <i>Canadian Journal of Public Health</i> , 2010, 101, 439-441.	2.3	73
40	Selenium and Mercury in the Brazilian Amazon: Opposing Influences on Age-Related Cataracts. <i>Environmental Health Perspectives</i> , 2010, 118, 1584-1589.	6.0	69
41	Trace element levels in whole blood of riparian villagers of the Brazilian Amazon. <i>Science of the Total Environment</i> , 2009, 407, 4168-4173.	8.0	22
42	Quality of Life and Health Perceptions Among Fish-Eating Communities of the Brazilian Amazon: An Ecosystem Approach to Well-Being. <i>EcoHealth</i> , 2009, 6, 121-134.	2.0	10
43	Biomarkers of selenium status in the amazonian context: Blood, urine and sequential hair segments. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009, 19, 213-222.	3.9	31
44	Mercury Exposure Increases Circulating Net Matrix Metalloproteinase (MMP)-2 and MMP-9 Activities. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 281-288.	2.5	18
45	Elevated blood lead levels in a riverside population in the Brazilian Amazon. <i>Environmental Research</i> , 2009, 109, 594-599.	7.5	47
46	High levels of hair manganese in children living in the vicinity of a ferro-manganese alloy production plant. <i>NeuroToxicology</i> , 2009, 30, 1207-1213.	3.0	92
47	Daily mercury intake in fish-eating populations in the Brazilian Amazon. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008, 18, 76-87.	3.9	106
48	Ecosystem matters: Fish consumption, mercury intake and exposure among fluvial lake fish-eaters. <i>Science of the Total Environment</i> , 2008, 407, 154-164.	8.0	21
49	The new tapestry of risk assessment. <i>NeuroToxicology</i> , 2008, 29, 883-890.	3.0	16
50	Gender differences in the effects of organochlorines, mercury, and lead on thyroid hormone levels in lakeside communities of Quebec (Canada). <i>Environmental Research</i> , 2008, 107, 380-392.	7.5	102
51	Emergence and Robustness of a Community Discussion Network on Mercury Contamination and Health in the Brazilian Amazon. <i>Health Education and Behavior</i> , 2008, 35, 509-521.	2.5	25
52	Human mercury exposure and adverse health effects in the Amazon: a review. <i>Cadernos De Saude Publica</i> , 2008, 24, s503-s520.	1.0	124
53	Epidemiologic confirmation that fruit consumption influences mercury exposure in riparian communities in the Brazilian Amazon. <i>Environmental Research</i> , 2007, 105, 183-193.	7.5	92
54	Methylmercury Exposure and Health Effects in Humans: A Worldwide Concern. <i>Ambio</i> , 2007, 36, 3-11.	5.5	979

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55	Dose-effect relationships between manganese exposure and neurological, neuropsychological and pulmonary function in confined space bridge welders. <i>Occupational and Environmental Medicine</i> , 2007, 64, 167-177.	2.8	234
56	Analysis of Mercury in Sequential Micrometer Segments of Single Hair Strands of Fish-Eaters. <i>Environmental Science & Technology</i> , 2007, 41, 593-598.	10.0	25
57	Hair Manganese and Hyperactive Behaviors: Pilot Study of School-Age Children Exposed through Tap Water. <i>Environmental Health Perspectives</i> , 2007, 115, 122-127.	6.0	332
58	Fish consumption and bioindicators of inorganic mercury exposure. <i>Science of the Total Environment</i> , 2007, 373, 68-76.	8.0	80
59	A preliminary study of mercury exposure and blood pressure in the Brazilian Amazon. <i>Environmental Health</i> , 2006, 5, 29.	4.0	131
60	New Evidence on Variations of Human Body Burden of Methylmercury from Fish Consumption. <i>Environmental Health Perspectives</i> , 2006, 114, 302-306.	6.0	91
61	Fish intake and serum fatty acid profiles from freshwater fish. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 1299-1307.	4.7	66
62	Data use in a toxicokinetic model to reconstruct methylmercury intake. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2006, 16, 299-299.	3.9	1
63	Elevated blood selenium levels in the Brazilian Amazon. <i>Science of the Total Environment</i> , 2006, 366, 101-111.	8.0	55
64	Network Approach for Analyzing and Promoting Equity in Participatory Ecohealth Research. <i>EcoHealth</i> , 2005, 2, 113-126.	2.0	56
65	Biomonitoring of Mercury Exposure with Single Human Hair Strand. <i>Environmental Science & Technology</i> , 2005, 39, 4594-4598.	10.0	39
66	Mercury in Fish-eating Communities of the Andean Amazon, Napo River Valley, Ecuador. <i>EcoHealth</i> , 2004, 1, SU59-SU71.	2.0	30
67	Environmental biomonitoring using cytogenetic endpoints in a population exposed to mercury in the Brazilian Amazon. <i>Environmental and Molecular Mutagenesis</i> , 2004, 44, 346-349.	2.2	10
68	Manganese levels during pregnancy and at birth: relation to environmental factors and smoking in a Southwest Quebec population. <i>Environmental Research</i> , 2004, 95, 119-125.	7.5	116
69	Temporal variation of blood and hair mercury levels in pregnancy in relation to fish consumption history in a population living along the St. Lawrence River. <i>Environmental Research</i> , 2004, 95, 363-374.	7.5	107
70	Eating tropical fruit reduces mercury exposure from fish consumption in the Brazilian Amazon. <i>Environmental Research</i> , 2003, 93, 123-130.	7.5	96
71	Pesticide Usage and Health Consequences for Women in Developing Countries: Out of Sight Out of Mind?. <i>International Journal of Occupational and Environmental Health</i> , 2002, 8, 46-59.	1.2	62
72	Review of neurobehavioral deficits and river fish consumption from the Tapaj�s (Brazil) and St. Lawrence (Canada). <i>Environmental Toxicology and Pharmacology</i> , 2002, 12, 93-99.	4.0	24

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73	Sequential analysis of hair mercury levels in relation to fish diet of an Amazonian population, Brazil. Science of the Total Environment, 2001, 271, 87-97.	8.0	116
74	Cumulative exposure to styrene and visual functions. American Journal of Industrial Medicine, 2001, 39, 351-360.	2.1	46
75	Beyond the workplace: An exploratory study of the impact of neurotoxic workplace exposure on marital relations. , 2000, 37, 316-323.		9
76	Mercury methylation along a lake-forest transect in the Tapaj�s river floodplain, Brazilian Amazon: seasonal and vertical variations. Science of the Total Environment, 2000, 261, 91-98.	8.0	101
77	Neurotoxic Effects of Low Level Exposure to Manganese in Human Populations. Environmental Research, 1999, 80, 99-102.	7.5	73
78	Neurotoxic Effects of Low-Level Methylmercury Contamination in the Amazonian Basin. Environmental Research, 1998, 79, 20-32.	7.5	267
79	Workplace Exposures beyond the Workplace: Exposure Assessment for a Pilot Study of Effects of Workplace Exposures on Family Life. Journal of Occupational and Environmental Hygiene, 1998, 13, 629-633.	0.4	1
80	Sant�mental et relations conjugales chez les travailleurs expos�s � des substances neurotoxiques.. Canadian Journal of Behavioural Science, 1998, 30, 147-158.	0.6	1
81	Affective and personality disturbances among female former microelectronics workers. Journal of Clinical Psychology, 1991, 47, 41-52.	1.9	25
82	Contrast-Sensitivity Loss in a Group of Former Microelectronics Workers with Normal Visual Acuity. Optometry and Vision Science, 1991, 68, 556-560.	1.2	43