

Miyuki Iwai-Shimada

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,479
citations

448610

19
h-index

371746

37
g-index

55
all docs

55
docs citations

55
times ranked

1886
citing authors

#	ARTICLE	IF	CITATIONS
1	Study Design and Participants' Profile in the Sub-Cohort Study in the Japan Environment and Children's Study (JECS). <i>Journal of Epidemiology</i> , 2022, 32, 228-236.	1.1	29
2	Intra- and Inter-Day Element Variability in Human Breast Milk: Pilot Study. <i>Toxics</i> , 2022, 10, 109.	1.6	1
3	Global DNA Methylation in Cord Blood as a Biomarker for Prenatal Lead and Antimony Exposures. <i>Toxics</i> , 2022, 10, 157.	1.6	3
4	Baseline Complete Blood Count and Chemistry Panel Profile from the Japan Environment and Children's Study (JECS). <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3277.	1.2	2
5	Association between whole blood metallic elements concentrations and gestational diabetes mellitus in Japanese women: The Japan environment and Children's study. <i>Environmental Research</i> , 2022, 212, 113231.	3.7	10
6	History of Human Exposure to Chemicals by Imaging Mass Spectrometry. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2022, 70, 139-141.	0.0	0
7	Exposure to heavy metals modifies optimal gestational weight gain: A large nationally representative cohort of the Japan Environment and Children's Study. <i>Environment International</i> , 2021, 146, 106276.	4.8	8
8	Comparison of Simultaneous Quantitative Analysis of Methylmercury and Inorganic Mercury in Cord Blood Using LC-ICP-MS and LC-CVAFS: The Pilot Study of the Japan Environment and Children's Study. <i>Toxics</i> , 2021, 9, 82.	1.6	2
9	Urinary Metabolites of Organophosphate Pesticides among Pregnant Women Participating in the Japan Environment and Children's Study (JECS). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5929.	1.2	8
10	Cold Spells and Cause-Specific Mortality in 47 Japanese Prefectures: A Systematic Evaluation. <i>Environmental Health Perspectives</i> , 2021, 129, 67001.	2.8	30
11	Indoor air quality of 5,000 households and its determinants. Part B: Volatile organic compounds and inorganic gaseous pollutants in the Japan Environment and Children's study. <i>Environmental Research</i> , 2021, 197, 111135.	3.7	26
12	Indoor air quality of 5,000 households and its determinants. Part A: Particulate matter (PM2.5 and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2021, 198, 111196.	3.7	20
13	Association of prenatal exposure to cadmium with neurodevelopment in children at 2 years of age: The Japan Environment and Children's Study. <i>Environment International</i> , 2021, 156, 106762.	4.8	27
14	Prenatal and postnatal lead exposures and intellectual development among 12-year-old Japanese children. <i>Environmental Research</i> , 2020, 189, 109844.	3.7	25
15	Determination of Urinary Cotinine Cut-Off Concentrations for Pregnant Women in the Japan Environment and Children's Study (JECS). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5537.	1.2	28
16	Estimated postnatal p,p'-DDT and p,p'-DDE levels and body mass index at 42 months of age in a longitudinal study of Japanese children. <i>Environmental Health</i> , 2020, 19, 49.	1.7	4
17	Maternal intake of one-carbon metabolism-related B vitamins and anorectal malformations in the Japan Environment and Children's Study. <i>British Journal of Nutrition</i> , 2020, 124, 865-873.	1.2	1
18	Poly- and perfluoroalkyl substances in maternal serum: Method development and application in Pilot Study of the Japan Environment and Children's Study. <i>Journal of Chromatography A</i> , 2020, 1618, 460933.	1.8	17

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19	The association between gestational use of personal care products and neonatal urological abnormality at birth: The Japan Environment and Children's Study. <i>Reproductive Toxicology</i> , 2020, 93, 83-88.	1.3	3
20	Does overweight before pregnancy reduce the occurrence of gastroschisis?: the Japan Environment and Children's Study. <i>BMC Research Notes</i> , 2020, 13, 47.	0.6	0
21	Health Risk Assessment and Source Apportionment of Mercury, Lead, Cadmium, Selenium, and Manganese in Japanese Women: An Adjunct Study to the Japan Environment and Children's Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2231.	1.2	18
22	Benefits of cooperation among large-scale cohort studies and human biomonitoring projects in environmental health research: An exercise in blood lead analysis of the Environment and Child Health International Birth Cohort Group. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 1059-1067.	2.1	16
23	Induction of chemokine CCL3 by NF- κ B reduces methylmercury toxicity in C17.2 mouse neural stem cells. <i>Environmental Toxicology and Pharmacology</i> , 2019, 71, 103216.	2.0	4
24	Maternal dietary intake of vitamin A during pregnancy was inversely associated with congenital diaphragmatic hernia: the Japan Environment and Children's Study. <i>British Journal of Nutrition</i> , 2019, 122, 1295-1302.	1.2	12
25	Dioxins levels in human blood after implementation of measures against dioxin exposure in Japan. <i>Environmental Health and Preventive Medicine</i> , 2019, 24, 6.	1.4	18
26	Exposure profile of mercury, lead, cadmium, arsenic, antimony, copper, selenium and zinc in maternal blood, cord blood and placenta: the Tohoku Study of Child Development in Japan. <i>Environmental Health and Preventive Medicine</i> , 2019, 24, 35.	1.4	59
27	Blood mercury, lead, cadmium, manganese and selenium levels in pregnant women and their determinants: the Japan Environment and Children's Study (JECS). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 633-647.	1.8	60
28	For making a declaration of countermeasures against the falling birth rate from the Japanese Society for Hygiene: summary of discussion in the working group on academic research strategy against an aging society with low birth rate. <i>Environmental Health and Preventive Medicine</i> , 2019, 24, 14.	1.4	23
29	Worldwide trends in tracing poly- and perfluoroalkyl substances (PFAS) in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115410.	5.8	233
30	Isoflavone Intake in Early Pregnancy and Hypospadias in the Japan Environment and Children's Study. <i>Urology</i> , 2019, 124, 229-236.	0.5	11
31	Fish consumption in early pregnancy and congenital gastrointestinal tract atresia in the Japan Environment and Children's Study. <i>British Journal of Nutrition</i> , 2019, 121, 100-108.	1.2	5
32	Variability and reliability of POP concentrations in multiple breast milk samples collected from the same mothers. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16309-16315.	2.7	2
33	Baseline Profile of Participants in the Japan Environment and Children's Study (JECS). <i>Journal of Epidemiology</i> , 2018, 28, 99-104.	1.1	380
34	Questionnaire results on exposure characteristics of pregnant women participating in the Japan Environment and Children Study (JECS). <i>Environmental Health and Preventive Medicine</i> , 2018, 23, 45.	1.4	51
35	Chemokine CCL4 Induced in Mouse Brain Has a Protective Role against Methylmercury Toxicity. <i>Toxics</i> , 2018, 6, 36.	1.6	10
36	Total mercury levels in hair of children aged 7 years before and after the Great East Japan Earthquake. <i>Science of the Total Environment</i> , 2017, 596-597, 207-211.	3.9	8

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37	Effects of intrauterine exposures to polychlorinated biphenyls, methylmercury, and lead on birth weight in Japanese male and female newborns. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 39.	1.4	30
38	A methodological consideration for blood lead concentrations obtained from the earlobe in Japanese adults occupationally unexposed to lead. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 78.	1.4	0
39	Psychomotor Ability in Children Prenatally Exposed to Methylmercury: The 18-Month Follow-Up of Tohoku Study of Child Development. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 242, 1-8.	0.5	32
40	Methylmercury induces the expression of TNF- α selectively in the brain of mice. <i>Scientific Reports</i> , 2016, 6, 38294.	1.6	33
41	Methylmercury induces expression of interleukin-1 β and interleukin-19 in mice brains. <i>Fundamental Toxicological Sciences</i> , 2015, 2, 239-243.	0.2	6
42	Methylmercury in the breast milk of Japanese mothers and lactational exposure of their infants. <i>Chemosphere</i> , 2015, 126, 67-72.	4.2	26
43	Response to: Letter to the Editor: "Methylmercury in colostrum and milk of Japanese mothers". <i>Chemosphere</i> , 2015, 137, 222.	4.2	0
44	Impacts of prenatal exposures to polychlorinated biphenyls, methylmercury, and lead on intellectual ability of 42-month-old children in Japan. <i>Environmental Research</i> , 2014, 133, 321-326.	3.7	44
45	Increase in accumulation of polychlorinated biphenyls in offspring mouse brain via maternal coexposure to methylmercury and polychlorinated biphenyls. <i>Journal of Toxicological Sciences</i> , 2013, 38, 689-696.	0.7	2
46	II-2. Effects of prenatal exposure to methylmercury derived from fish with methylmercury chloride in mice. <i>Nippon Suisan Gakkaishi</i> , 2013, 79, 894-894.	0.0	0
47	Hair-to-blood ratio and biological half-life of mercury: experimental study of methylmercury exposure through fish consumption in humans. <i>Journal of Toxicological Sciences</i> , 2012, 37, 123-130.	0.7	86
48	Prenatal exposures to environmental chemicals and birth order as risk factors for child behavior problems. <i>Environmental Research</i> , 2012, 114, 47-52.	3.7	34