Yayoi Kobayashi

List of Publications by Year
in descending order

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41 papers	1,393 citations	471509 17 h-index	345221 36 g-index
43 all docs	43 docs citations	43 times ranked	1563 citing authors

#	Article	IF	Citations
1	Baseline Profile of Participants in the Japan Environment and Childrenâ€™s Study (JECS). Journal of Epidemiology, 2018, 28, 99-104.	2.4	380
2	Worldwide trends in tracing poly- and perfluoroalkyl substances (PFAS) in the environment. TrAC - Trends in Analytical Chemistry, 2019, 121, 115410.	11.4	233
3	The accumulation and toxicity of methylated arsenicals in endothelial cells: important roles of thiol compounds. Toxicology and Applied Pharmacology, 2004, 198, 458-467.	2.8	162
4	Blood mercury, lead, cadmium, manganese and selenium levels in pregnant women and their determinants: the Japan Environment and Childrenâ€™s Study (JECS). Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 633-647.	3.9	60
5	Stability of arsenic metabolites, arsenic triglutathione [As(GS)3] and methylarsenic diglutathione [CH3As(GS)2], in rat bile. Toxicology, 2005, 211, 115-123.	4.2	51
6	Questionnaire results on exposure characteristics of pregnant women participating in the Japan Environment and Children Study (JECS). Environmental Health and Preventive Medicine, 2018, 23, 45.	3.4	51
7	Cytotoxic effects of S-(dimethylarsino)-glutathione: A putative intermediate metabolite of inorganic arsenicals. Toxicology, 2006, 227, 45-52.	4.2	29
8	Study Design and Participantsâ€™ Profile in the Sub-Cohort Study in the Japan Environment and Childrenâ€™s Study (JECS). Journal of Epidemiology, 2022, 32, 228-236.	2.4	29
9	Determination of Urinary Cotinine Cut-Off Concentrations for Pregnant Women in the Japan Environment and Childrenâ€™s Study (JECS). International Journal of Environmental Research and Public Health, 2020, 17, 5537.	2.6	28
10	The effect of a methylâ€deficient diet on the global DNA methylation and the DNA methylation regulatory pathways. Journal of Applied Toxicology, 2015, 35, 1550-1556.	2.8	27
11	Association of prenatal exposure to cadmium with neurodevelopment in children at 2Âyears of age: The Japan Environment and Childrenâ€™s Study. Environment International, 2021, 156, 106762.	10.0	27
12	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. Environmental Research, 2021, 197, 111135.	7.5	26
13	Production of two morphologically different antimony trioxides by a novel antimonate-reducing bacterium, Geobacter sp. SVR. Journal of Hazardous Materials, 2021, 411, 125100.	12.4	22
14	Expression and activity of arsenic methyltransferase Cyt19 in rat tissues. Environmental Toxicology and Pharmacology, 2007, 23, 115-120.	4.0	21
15	Distribution and excretion of arsenic in cynomolgus monkey following repeated administration of diphenylarsinic acid. Archives of Toxicology, 2008, 82, 553-561.	4.2	20
16	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.	7.5	20
17	Effects of endogenous hydrogen peroxide and glutathione on the stability of arsenic metabolites in rat bile. Toxicology and Applied Pharmacology, 2008, 232, 33-40.	2.8	19
18	Poly- and perfluoroalkyl substances in maternal serum: Method development and application in Pilot Study of the Japan Environment and Children's Study. Journal of Chromatography A, 2020, 1618, 460933.	3.7	17

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19	Lead Exposure Assessment among Pregnant Women, Newborns, and Children: Case Study from Karachi, Pakistan. International Journal of Environmental Research and Public Health, 2017, 14, 413.	2.6	16
20	Hijiki seaweed consumption elevates levels of inorganic arsenic intake in Japanese children and pregnant women. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 84-95.	2.3	15
21	Solubility shift and SUMOylaltion of promyelocytic leukemia (PML) protein in response to arsenic(III) and fate of the SUMOylated PML. Toxicology and Applied Pharmacology, 2015, 287, 191-201.	2.8	14
22	Maternal dietary intake of vitamin A during pregnancy was inversely associated with congenital diaphragmatic hernia: the Japan Environment and Childrenâ€™s Study. British Journal of Nutrition, 2019, 122, 1295-1302.	2.3	12
23	The role of glutathione in the metabolism of diphenylarsinic acid in rats. Metallomics, 2013, 5, 469.	2.4	11
24	Solubility changes of promyelocytic leukemia (PML) and SUMO monomers and dynamics of PML nuclear body proteins in arsenite-treated cells. Toxicology and Applied Pharmacology, 2018, 360, 150-159.	2.8	11
25	Oral exposure to lead for Japanese children and pregnant women, estimated using duplicate food portions and house dust analyses. Environmental Health and Preventive Medicine, 2019, 24, 72.	3.4	11
26	Isoflavone Intake in Early Pregnancy and Hypospadias in the Japan Environment and Children's Study. Urology, 2019, 124, 229-236.	1.0	11
27	External lead contamination of women's nails by surma in Pakistan: Is the biomarker reliable?. Environmental Pollution, 2016, 218, 723-727.	7.5	10
28	Dysregulation of MAP kinase signaling pathways including p38MAPK, SAPK/JNK, and ERK1/2 in cultured rat cerebellar astrocytes exposed to diphenylarsinic acid. Toxicological Sciences, 2017, 156, kfx012.	3.1	8
29	Exposure to heavy metals modifies optimal gestational weight gain: A large nationally representative cohort of the Japan Environment and Childrenâ€™s Study. Environment International, 2021, 146, 106276.	10.0	8
30	Urinary Metabolites of Organophosphate Pesticides among Pregnant Women Participating in the Japan Environment and Childrenâ€™s Study (JECS). International Journal of Environmental Research and Public Health, 2021, 18, 5929.	2.6	8
31	Distribution and Excretion of Arsenic Metabolites after Oral Administration of Seafood-Related Organoarsenicals in Rats. Metals, 2016, 6, 231.	2.3	7
32	Fish consumption in early pregnancy and congenital gastrointestinal tract atresia in the Japan Environment and Childrenâ€™s Study. British Journal of Nutrition, 2019, 121, 100-108.	2.3	5
33	Association between prenatal cadmium exposure and child development: The Japan Environment and Children's study. International Journal of Hygiene and Environmental Health, 2022, 243, 113989.	4.3	5
34	Elucidation of the Metabolic Pathways of Selenium and Arsenic by Analytical Toxicology. Journal of Health Science, 2010, 56, 154-160.	0.9	4
35	Pharmacodynamics of S-dimethylarsino-glutathione, a putative metabolic intermediate of inorganic arsenic, in mice. Biochemical Pharmacology, 2017, 126, 79-86.	4.4	3
36	Arsenic Metabolism and Toxicity in Humans and Animals: Racial and Species Differences. Current Topics in Environmental Health and Preventive Medicine, 2019, , 13-28.	0.1	3

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37	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 Childrenâ€™s Study. Toxics, 2021, 9, 82.	3.7	2
38	Baseline Complete Blood Count and Chemistry Panel Profile from the Japan Environment and Childrenâ€™s Study (JECS). International Journal of Environmental Research and Public Health, 2022, 19, 3277.	2.6	2
39	Maternal intake of one-carbon metabolism-related B vitamins and anorectal malformations in the Japan Environment and Childrenâ€™s Study. British Journal of Nutrition, 2020, 124, 865-873.	2.3	1
40	Intra- and Inter-Day Element Variability in Human Breast Milk: Pilot Study. Toxics, 2022, 10, 109.	3.7	1
41	Does overweight before pregnancy reduce the occurrence of gastroschisis?: the Japan Environment and Childrenâ€™s Study. BMC Research Notes, 2020, 13, 47.	1.4	0