Michihiro Kamijima

List of Publications by Year
in descending order

57	1,510	236925 25	315739 38
papers	citations	h-index	g-index

57	57	57	1563
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exposure characterization of three major insecticide lines in urine of young children in Japanâ€”neonicotinoids, organophosphates, and pyrethroids. Environmental Research, 2016, 147, 89-96.	7.5	142
2	Temporal Levels of Urinary Neonicotinoid and Dialkylphosphate Concentrations in Japanese Women Between 1994 and 2011. Environmental Science & Technology, 2015, 49, 14522-14528.	10.0	115
3	A comprehensive evaluation of the testicular toxicity of dichlorvos in Wistar rats. Toxicology, 2005, 213, 129-137.	4.2	112
4	Simultaneous determination of urinary dialkylphosphate metabolites of organophosphorus pesticides using gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 832, 58-66.	2.3	70
5	Prenatal and postnatal exposure to organophosphate pesticides and childhood neurodevelopment in Shandong, China. Environment International, 2017, 108, 119-126.	10.0	69
6	Permethrin may induce adult male mouse reproductive toxicity due to cis isomer not trans isomer. Toxicology, 2008, 248, 136-141.	4.2	57
7	Urinary excretion of 3-phenoxybenzoic acid in middle-aged and elderly general population of Japan. Environmental Research, 2009, 109, 175-180.	7.5	55
8	Quantitation of neonicotinoid metabolites in human urine using GC-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 941, 109-115.	2.3	55
9	Sick Building Syndrome by Indoor Air Pollution in Dalian, China. International Journal of Environmental Research and Public Health, 2013, 10, 1489-1504.	2.6	55
10	8-Hydroxydeoxyguanosine levels in human leukocyte and urine according to exposure to organophosphorus pesticides and paraoxonase 1 genotype. International Archives of Occupational and Environmental Health, 2007, 80, 217-227.	2.3	46
11	Broken Sperm, Cytoplasmic Droplets and Reduced Sperm Motility Are Principal Markers of Decreased Sperm Quality Due to Organophosphorus Pesticides in Rats. Journal of Occupational Health, 2009, 51, 478-487.	2.1	43
12	Japan Environment and Childrenâ€™s Study: backgrounds, activities, and future directions in global perspectives. Environmental Health and Preventive Medicine, 2017, 22, 61.	3.4	42
13	Comprehensive review of 2â€ethylâ€1â€hexanol as an indoor air pollutant. Journal of Occupational Health, 2019, 61, 19-35.	2.1	42
14	Biological Monitoring of Pyrethroid Exposure of Pest Control Workers in Japan. Journal of Occupational Health, 2007, 49, 509-514.	2.1	39
15	Î²-Glucuronidase activity is a sensitive biomarker to assess low-level organophosphorus insecticide exposure. Toxicology Letters, 2010, 193, 115-119.	0.8	37
16	Effects of long working hours and shift work during pregnancy on obstetric and perinatal outcomes: A large prospective cohort studyâ€”Japan Environment and Childrenâ€™s Study. Birth, 2020, 47, 67-79.	2.2	33
17	Toxicity of diazinon and its metabolites increases in diabetic rats. Toxicology Letters, 2007, 170, 229-237.	0.8	32
18	Occupational trichloroethylene hypersensitivity syndrome: Human herpesvirus 6 reactivation and rash phenotypes. Journal of Dermatological Science, 2013, 72, 218-224.	1.9	32

#	Article	IF	Citations
19	Urinary concentrations of organophosphorus insecticide metabolites in Japanese workers. Chemosphere, 2012, 87, 1403-1409.	8.2	31
20	Biomonitoring method for neonicotinoid insecticides in urine of non-toilet-trained children using LC-MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 304-315.	2.3	29
21	Relationship between dietary habits and urinary concentrations of 3-phenoxybonzoic acid in a middle-aged and elderly general population in Japan. Environmental Health and Preventive Medicine, 2009, 14, 173-179.	3.4	27
22	Revised method for routine determination of urinary dialkyl phosphates using gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 1257-1263.	2.3	27
23	A revised method for determination of dialkylphosphate levels in human urine by solid-phase extraction and liquid chromatography with tandem mass spectrometry: application to human urine samples from Japanese children. Environmental Health and Preventive Medicine, 2014, 19, 405-413.	3.4	26
24	Cumulative exposure assessment of neonicotinoids and an investigation into their intake-related factors in young children in Japan. Science of the Total Environment, 2021, 750, 141630.	8.0	26
25	Quantitative analysis of organophosphate insecticide metabolites in urine extracted from disposable diapers of toddlers in Japan. International Journal of Hygiene and Environmental Health, 2017, 220, 209-216.	4.3	25
26	Effect of the organophosphorus pesticide diazinon on glucose tolerance in type 2 diabetic rats. Toxicology Letters, 2008, 182, 42-47.	0.8	21
27	Evidence for diazinon-mediated inhibition of cis-permethrin metabolism and its effects on reproductive toxicity in adult male mice. Reproductive Toxicology, 2012, 34, 489-497.	2.9	20
28	Effect of DDVP on urinary excretion levels of pyrethroid metabolite 3-phenoxybenzoic acid in rats. Toxicology Letters, 2011, 203, 28-32.	0.8	16
29	Fenitrothion action at the endocannabinoid system leading to spermatotoxicity in Wistar rats. Toxicology and Applied Pharmacology, 2014, 279, 331-337.	2.8	16
30	New analytical method for sensitive quantification of urinary 3-methyl-4-nitrophenol to assess fenitrothion exposure in general population and occupational sprayers. Toxicology Letters, 2012, 210, 220-224.	0.8	15
31	Exposure levels of organophosphate pesticides in Japanese diapered children: Contributions of exposure-related behaviors and mothersâ€™ considerations of food selection and preparation. Environment International, 2020, 134, 105294.	10.0	15
32	Association between Prenatal Exposure to Household Pesticides and Neonatal Weight and Length Growth in the Japan Environment and Childrenâ€™s Study. International Journal of Environmental Research and Public Health, 2020, 17, 4608.	2.6	15
33	Comparison of Different Urine Pretreatments for Biological Monitoring of Pyrethroid Insecticides. Journal of Analytical Toxicology, 2015, 39, 133-136.	2.8	11
34	Subchronic inhalation exposure to 2-ethyl-1-hexanol impairs the mouse olfactory bulb via injury and subsequent repair of the nasal olfactory epithelium. Archives of Toxicology, 2016, 90, 1949-1958.	4.2	10
35	A sensitive and efficient procedure for the high-throughput determination of nine urinary metabolites of pyrethroids by GC-MS/MS and its application in a sample of Japanese children. Analytical and Bioanalytical Chemistry, 2018, 410, 6207-6217.	3.7	10
36	Association between whole blood metallic elements concentrations and gestational diabetes mellitus in Japanese women: The Japan environment and Children's study. Environmental Research, 2022, 212, 113231.	7.5	10

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37	Toxicokinetics of pyrethroid metabolites in male and female rats. Environmental Toxicology and Pharmacology, 2010, 30, 88-91.	4.0	9
38	Temporal trend and cross-sectional characterization of urinary concentrations of glyphosate in Japanese children from 2006 to 2015. International Journal of Hygiene and Environmental Health, 2022, 242, 113963.	4.3	9
39	Relationship between Urinary Pesticide Metabolites and Pest Control Operation among Occupational Pesticide Sprayers. Journal of Occupational Health, 2009, 51, 100-105.	2.1	8
40	Effects of Paraoxonase 1 gene polymorphisms on organophosphate insecticide metabolism in Japanese pest control workers. Journal of Occupational Health, 2016, 58, 56-65.	2.1	8
41	Association of Maternal Total Cholesterol With SGA or LGA Birth at Term: the Japan Environment and Childrenâ€™s Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e118-e129.	3.6	8
42	Relations of mold, stove, and fragrance products on childhood wheezing and asthma: A prospective cohort study from the Japan Environment and Children's Study. Indoor Air, 2022, 32, .	4.3	7
43	Cohort profile: Aichi regional sub-cohort of the Japan Environment and Childrenâ€™s Study (JECS-A). BMJ Open, 2019, 9, e028105.	1.9	6
44	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
45	Can self-monitoring mobile health apps reduce sedentary behavior? A randomized controlled trial. Journal of Occupational Health, 2020, 62, e12159.	2.1	4
46	Epididymal phospholipidosis is a possible mechanism for spermatotoxicity induced by the organophosphorus insecticide fenitrothion in rats. Toxicology Letters, 2018, 285, 27-33.	0.8	3
47	Impact of Ready-Meal Consumption during Pregnancy on Birth Outcomes: The Japan Environment and Childrenâ€™s Study. Nutrients, 2022, 14, 895.	4.1	3
48	Identifying characteristics of indicators of sedentary behavior using objective measurements. Journal of Occupational Health, 2020, 62, e12089.	2.1	2
49	Non-linear model analysis of the relationship between cholinesterase activity in rats exposed to 2, 2-dichlorovinyl dimethylphosphate (dichlorvos) and its metabolite concentrations in urine. Toxicology, 2021, 450, 152679.	4.2	2
50	Reliability of anthropometric landmarks on body surface for estimating pelvic incidence without lateral X-ray. Environmental and Occupational Health Practice, 2021, 3, n/a.	0.5	2
51	Relationship between Physical Activity and Physical and Mental Health Status in Pregnant Women: A Prospective Cohort Study of the Japan Environment and Childrenâ€™s Study. International Journal of Environmental Research and Public Health, 2021, 18, 11373.	2.6	2
52	Indoor volatile organic compounds exposures and risk of childhood acute leukemia: a case-control study in shanghai. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 1-10.	1.7	2
53	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
54	Occupational exposure limits for ethylene glycol monobutyl ether, isoprene, isopropyl acetate and propyleneimine, and classifications on carcinogenicity, occupational sensitizer and reproductive toxicant. Journal of Occupational Health, 2017, 59, 364-366.	2.1	1

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55	Development of a strategic approach for comprehensive detection of organophosphate pesticide metabolites in urine: Extrapolation of cadusafos and prothiofos metabolomics data of mice to humans. Journal of Occupational Health, 2021, 63, e12218.	2.1	1
56	Can Hip-Knee Line Angle Distinguish the Size of Pelvic Incidence?â€"Development of Quick Noninvasive Assessment Tool for Pelvic Incidence Classification. International Journal of Environmental Research and Public Health, 2022, 19, 1387.	2.6	0
57	Simultaneous quantification of pyrethroid metabolites in urine of non-toilet-trained children in Japan. Environmental Health and Preventive Medicine, 2022, 27, 25-25.	3.4	0