

# Michihiro Kamijima

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,510  
citations

257101

24  
h-index

315357

38  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure characterization of three major insecticide lines in urine of young children in Japan—neonicotinoids, organophosphates, and pyrethroids. <i>Environmental Research</i> , 2016, 147, 89-96.	3.7	142
2	Temporal Levels of Urinary Neonicotinoid and Dialkylphosphate Concentrations in Japanese Women Between 1994 and 2011. <i>Environmental Science &amp; Technology</i> , 2015, 49, 14522-14528.	4.6	115
3	A comprehensive evaluation of the testicular toxicity of dichlorvos in Wistar rats. <i>Toxicology</i> , 2005, 213, 129-137.	2.0	112
4	Simultaneous determination of urinary dialkylphosphate metabolites of organophosphorus pesticides using gas chromatography—mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 832, 58-66.	1.2	70
5	Prenatal and postnatal exposure to organophosphate pesticides and childhood neurodevelopment in Shandong, China. <i>Environment International</i> , 2017, 108, 119-126.	4.8	69
6	Permethrin may induce adult male mouse reproductive toxicity due to cis isomer not trans isomer. <i>Toxicology</i> , 2008, 248, 136-141.	2.0	57
7	Urinary excretion of 3-phenoxybenzoic acid in middle-aged and elderly general population of Japan. <i>Environmental Research</i> , 2009, 109, 175-180.	3.7	55
8	Quantitation of neonicotinoid metabolites in human urine using GC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 941, 109-115.	1.2	55
9	Sick Building Syndrome by Indoor Air Pollution in Dalian, China. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 1489-1504.	1.2	55
10	8-Hydroxydeoxyguanosine levels in human leukocyte and urine according to exposure to organophosphorus pesticides and paraoxonase 1 genotype. <i>International Archives of Occupational and Environmental Health</i> , 2007, 80, 217-227.	1.1	46
11	Broken Sperm, Cytoplasmic Droplets and Reduced Sperm Motility Are Principal Markers of Decreased Sperm Quality Due to Organophosphorus Pesticides in Rats. <i>Journal of Occupational Health</i> , 2009, 51, 478-487.	1.0	43
12	Japan Environment and Children—Study: backgrounds, activities, and future directions in global perspectives. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 61.	1.4	42
13	Comprehensive review of 2-ethylhexanol as an indoor air pollutant. <i>Journal of Occupational Health</i> , 2019, 61, 19-35.	1.0	42
14	Biological Monitoring of Pyrethroid Exposure of Pest Control Workers in Japan. <i>Journal of Occupational Health</i> , 2007, 49, 509-514.	1.0	39
15	β-Glucuronidase activity is a sensitive biomarker to assess low-level organophosphorus insecticide exposure. <i>Toxicology Letters</i> , 2010, 193, 115-119.	0.4	37
16	Effects of long working hours and shift work during pregnancy on obstetric and perinatal outcomes: A large prospective cohort study—Japan Environment and Children—Study. <i>Birth</i> , 2020, 47, 67-79.	1.1	33
17	Toxicity of diazinon and its metabolites increases in diabetic rats. <i>Toxicology Letters</i> , 2007, 170, 229-237.	0.4	32
18	Occupational trichloroethylene hypersensitivity syndrome: Human herpesvirus 6 reactivation and rash phenotypes. <i>Journal of Dermatological Science</i> , 2013, 72, 218-224.	1.0	32

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19	Urinary concentrations of organophosphorus insecticide metabolites in Japanese workers. <i>Chemosphere</i> , 2012, 87, 1403-1409.	4.2	31
20	Biomonitoring method for neonicotinoid insecticides in urine of non-toilet-trained children using LC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 304-315.	1.1	29
21	Relationship between dietary habits and urinary concentrations of 3-phenoxybenzoic acid in a middle-aged and elderly general population in Japan. <i>Environmental Health and Preventive Medicine</i> , 2009, 14, 173-179.	1.4	27
22	Revised method for routine determination of urinary dialkyl phosphates using gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1257-1263.	1.2	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. <i>Environmental Health and Preventive Medicine</i> , 2014, 19, 405-413.	1.4	26
24	Cumulative exposure assessment of neonicotinoids and an investigation into their intake-related factors in young children in Japan. <i>Science of the Total Environment</i> , 2021, 750, 141630.	3.9	26
25	Quantitative analysis of organophosphate insecticide metabolites in urine extracted from disposable diapers of toddlers in Japan. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 209-216.	2.1	25
26	Effect of the organophosphorus pesticide diazinon on glucose tolerance in type 2 diabetic rats. <i>Toxicology Letters</i> , 2008, 182, 42-47.	0.4	21
27	Evidence for diazinon-mediated inhibition of cis-permethrin metabolism and its effects on reproductive toxicity in adult male mice. <i>Reproductive Toxicology</i> , 2012, 34, 489-497.	1.3	20
28	Effect of DDVP on urinary excretion levels of pyrethroid metabolite 3-phenoxybenzoic acid in rats. <i>Toxicology Letters</i> , 2011, 203, 28-32.	0.4	16
29	Fenitrothion action at the endocannabinoid system leading to spermatotoxicity in Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 331-337.	1.3	16
30	New analytical method for sensitive quantification of urinary 3-methyl-4-nitrophenol to assess fenitrothion exposure in general population and occupational sprayers. <i>Toxicology Letters</i> , 2012, 210, 220-224.	0.4	15
31	Exposure levels of organophosphate pesticides in Japanese diapered children: Contributions of exposure-related behaviors and mothers' considerations of food selection and preparation. <i>Environment International</i> , 2020, 134, 105294.	4.8	15
32	Association between Prenatal Exposure to Household Pesticides and Neonatal Weight and Length Growth in the Japan Environment and Children's Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4608.	1.2	15
33	Comparison of Different Urine Pretreatments for Biological Monitoring of Pyrethroid Insecticides. <i>Journal of Analytical Toxicology</i> , 2015, 39, 133-136.	1.7	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. <i>Archives of Toxicology</i> , 2016, 90, 1949-1958.	1.9	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. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6207-6217.	1.9	10
36	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

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37	Toxicokinetics of pyrethroid metabolites in male and female rats. <i>Environmental Toxicology and Pharmacology</i> , 2010, 30, 88-91.	2.0	9
38	Temporal trend and cross-sectional characterization of urinary concentrations of glyphosate in Japanese children from 2006 to 2015. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 242, 113963.	2.1	9
39	Relationship between Urinary Pesticide Metabolites and Pest Control Operation among Occupational Pesticide Sprayers. <i>Journal of Occupational Health</i> , 2009, 51, 100-105.	1.0	8
40	Effects of Paraoxonase 1 gene polymorphisms on organophosphate insecticide metabolism in Japanese pest control workers. <i>Journal of Occupational Health</i> , 2016, 58, 56-65.	1.0	8
41	Association of Maternal Total Cholesterol With SGA or LGA Birth at Term: the Japan Environment and Children's Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e118-e129.	1.8	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. <i>Indoor Air</i> , 2022, 32, .	2.0	7
43	Cohort profile: Aichi regional sub-cohort of the Japan Environment and Children's Study (JECS-A). <i>BMJ Open</i> , 2019, 9, e028105.	0.8	6
44	Association between prenatal cadmium exposure and child development: The Japan Environment and Children's study. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 243, 113989.	2.1	5
45	Can self-monitoring mobile health apps reduce sedentary behavior? A randomized controlled trial. <i>Journal of Occupational Health</i> , 2020, 62, e12159.	1.0	4
46	Epididymal phospholipidosis is a possible mechanism for spermatotoxicity induced by the organophosphorus insecticide fenitrothion in rats. <i>Toxicology Letters</i> , 2018, 285, 27-33.	0.4	3
47	Impact of Ready-Meal Consumption during Pregnancy on Birth Outcomes: The Japan Environment and Children's Study. <i>Nutrients</i> , 2022, 14, 895.	1.7	3
48	Identifying characteristics of indicators of sedentary behavior using objective measurements. <i>Journal of Occupational Health</i> , 2020, 62, e12089.	1.0	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. <i>Toxicology</i> , 2021, 450, 152679.	2.0	2
50	Reliability of anthropometric landmarks on body surface for estimating pelvic incidence without lateral X-ray. <i>Environmental and Occupational Health Practice</i> , 2021, 3, n/a.	0.3	2
51	Relationship between Physical Activity and Physical and Mental Health Status in Pregnant Women: A Prospective Cohort Study of the Japan Environment and Children's Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11373.	1.2	2
52	Indoor volatile organic compounds exposures and risk of childhood acute leukemia: a case-control study in shanghai. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 1-10.	0.9	2
53	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
54	Occupational exposure limits for ethylene glycol monobutyl ether, isoprene, isopropyl acetate and propyleneimine, and classifications on carcinogenicity, occupational sensitizer and reproductive toxicant. <i>Journal of Occupational Health</i> , 2017, 59, 364-366.	1.0	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. <i>Journal of Occupational Health</i> , 2021, 63, e12218.	1.0	1
56	Can Hip-Knee Line Angle Distinguish the Size of Pelvic Incidence? Development of Quick Noninvasive Assessment Tool for Pelvic Incidence Classification. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1387.	1.2	0
57	Simultaneous quantification of pyrethroid metabolites in urine of non-toilet-trained children in Japan. <i>Environmental Health and Preventive Medicine</i> , 2022, 27, 25-25.	1.4	0