Akifumi Eguchi

List of Publications by Year
in descending order

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85	1,727	279487	360668
papers	citations	23 h-index	35 g-index

86	86	86	2100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Different profiles of anthropogenic and naturally produced organohalogen compounds in serum from residents living near a coastal area and e-waste recycling workers in India. Environment International, 2012, 47, 8-16.	4.8	94
2	Trends in suicide in Japan by gender during the COVID-19 pandemic, up to September 2020. Psychiatry Research, 2021, 295, 113622.	1.7	94
3	Reasons for being unsure or unwilling regarding intention to take COVID-19 vaccine among Japanese people: A large cross-sectional national survey. The Lancet Regional Health - Western Pacific, 2021, 14, 100223.	1.3	84
4	Soil contamination by brominated flame retardants in open waste dumping sites in Asian developing countries. Chemosphere, 2013, 90, 2365-2371.	4.2	77
5	Impact of metals in surface matrices from formal and informal electronic-waste recycling around Metro Manila, the Philippines, and intra-Asian comparison. Journal of Hazardous Materials, 2012, 221-222, 139-146.	6.5	64
6	Residue profiles of organohalogen compounds in human serum from e-waste recycling sites in North Vietnam: Association with thyroid hormone levels. Environmental Research, 2015, 137, 440-449.	3.7	64
7	Mental health of family, friends, and co-workers of COVID-19 patients in Japan. Psychiatry Research, 2020, 291, 113067.	1.7	60
8	High Rate of Portal Thrombosis After Splenectomy in Patients With Esophageal Varices and Idiopathic Portal Hypertension. Archives of Surgery, 1991, 126, 752.	2.3	59
9	Anthropogenic and naturally occurring polybrominated phenolic compounds in the blood of cetaceans stranded along Japanese coastal waters. Environmental Pollution, 2011, 159, 3364-3373.	3.7	40
10	Organohalogen compounds and their metabolites in the blood of Japanese amberjack (Seriola) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Chemosphere, 2011, 85, 315-321.	4.2	40
11	Analysis of Thyroid Hormones in Serum of Baikal Seals and Humans by Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) and Immunoassay Methods: Application of the LC-MS/MS Method to Wildlife Tissues. Environmental Science & Technology, 2011, 45, 10140-10147.	4.6	39
12	The relationship between fever rate and telework implementation as a social distancing measure against the COVID-19 pandemic in Japan. Public Health, 2021, 192, 12-14.	1.4	39
13	Early SNS-Based Monitoring System for the COVID-19 Outbreak in Japan: A Population-Level Observational Study. Journal of Epidemiology, 2020, 30, 362-370.	1.1	35
14	An assessment of self-reported COVID-19 related symptoms of 227,898 users of a social networking service in Japan: Has the regional risk changed after the declaration of the state of emergency?. The Lancet Regional Health - Western Pacific, 2020, 1, 100011.	1.3	34
15	Reduced mortality during the COVID-19 outbreak in Japan, 2020: a two-stage interrupted time-series design. International Journal of Epidemiology, 2022, 51, 75-84.	0.9	32
16	Travel restrictions and SARS-CoV-2 transmission: an effective distance approach to estimate impact. Bulletin of the World Health Organization, 2020, 98, 518-529.	1.5	32
17	Protecting the environment from psychoactive drugs: Problems for regulators illustrated by the possible effects of tramadol on fish behaviour. Science of the Total Environment, 2019, 664, 915-926.	3.9	30
18	Chiba study of Mother and Children's Health (C-MACH): cohort study with omics analyses. BMJ Open, 2016, 6, e010531.	0.8	29

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19	Exploration of potential biomarkers and related biological pathways for PCB exposure in maternal and cord serum: A pilot birth cohort study in Chiba, Japan. Environment International, 2017, 102, 157-164.	4.8	29
20	Association between blood manganese level during pregnancy and birth size: The Japan environment and children's study (JECS). Environmental Research, 2019, 172, 117-126.	3.7	29
21	Reasons for Suicide During the COVID-19 Pandemic in Japan. JAMA Network Open, 2022, 5, e2145870.	2.8	29
22	Large-scale epidemiological monitoring of the COVID-19 epidemic in Tokyo. The Lancet Regional Health - Western Pacific, 2020, 3, 100016.	1.3	27
23	Alterations in urinary metabolomic profiles due to lead exposure from a leadâ€“acid battery recycling site. Environmental Pollution, 2018, 242, 98-105.	3.7	26
24	Toxicological Assessment of Polychlorinated Biphenyls and Their Metabolites in the Liver of Baikal Seal (Pusa sibirica). Environmental Science & Technology, 2014, 48, 13530-13539.	4.6	25
25	Occurrence of Perchlorate and Thiocyanate in Human Serum From E-Waste Recycling and Reference Sites in Vietnam: Association With Thyroid Hormone and Iodide Levels. Archives of Environmental Contamination and Toxicology, 2014, 67, 29-41.	2.1	25
26	Excess All-Cause Deaths during Coronavirus Disease Pandemic, Japan, Januaryâ€“May 20201. Emerging Infectious Diseases, 2021, 27, 789-795.	2.0	22
27	Changes in marriage, divorce and births during the COVID-19 pandemic in Japan. BMJ Global Health, 2022, 7, e007866.	2.0	22
28	Optimisation of the analytical method for octa-, nona- and deca-brominated diphenyl ethers using gas chromatographyâ€“quadrupole mass spectrometry and isotope dilution. International Journal of Environmental Analytical Chemistry, 2011, 91, 348-356.	1.8	21
29	Halogenated phenolic contaminants in the blood of marine mammals from Japanese coastal waters. Marine Environmental Research, 2014, 93, 15-22.	1.1	21
30	Lead contamination in surface soil on roads from used leadâ€“acid battery recycling in Dong Mai, Northern Vietnam. Journal of Material Cycles and Waste Management, 2016, 18, 599-607.	1.6	20
31	Time to Reconsider Diverse Ways of Working in Japan to Promote Social Distancing Measures against the COVID-19. Journal of Urban Health, 2020, 97, 457-460.	1.8	18
32	Maternalâ€“fetal transfer rates of PCBs, OCPs, PBDEs, and dioxin-like compounds predicted through quantitative structureâ€“activity relationship modeling. Environmental Science and Pollution Research, 2018, 25, 7212-7222.	2.7	17
33	Trends in Healthcare Access in Japan during the First Wave of the COVID-19 Pandemic, up to June 2020. International Journal of Environmental Research and Public Health, 2021, 18, 3271.	1.2	17
34	Mobility Patterns in Different Age Groups in Japan during the COVID-19 Pandemic: a Small Area Time Series Analysis through March 2021. Journal of Urban Health, 2021, 98, 635-641.	1.8	16
35	Individual and mixed metal maternal blood concentrations in relation to birth size: An analysis of the Japan Environment and Childrenâ€™s Study (JECS). Environment International, 2022, 165, 107318.	4.8	16
36	The relationship of maternal PCB, toxic, and essential trace element exposure levels with birth weight and head circumference in Chiba, Japan. Environmental Science and Pollution Research, 2019, 26, 15677-15684.	2.7	15

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37	Association between mercury in cord serum and sex-specific DNA methylation in cord tissues. Journal of Developmental Origins of Health and Disease, 2021, 12, 124-131.	0.7	15
38	Effects on the liver lipidome of rat offspring prenatally exposed to bisphenol A. Science of the Total Environment, 2021, 759, 143466.	3.9	15
39	Trends in suicide in Japan by gender during the COVID-19 pandemic, through December 2020. Psychiatry Research, 2021, 300, 113913.	1.7	15
40	Suicide by gender and 10-year age groups during the COVID-19 pandemic vs previous five years in Japan: An analysis of national vital statistics. Psychiatry Research, 2021, 305, 114173.	1.7	15
41	Simultaneous detection of multiple hydroxylated polychlorinated biphenyls from a complex tissue matrix using gas chromatography/isotope dilution mass spectrometry. Talanta, 2014, 118, 253-261.	2.9	14
42	Exploration of predictive metabolic factors for gestational diabetes mellitus in Japanese women using metabolomic analysis. Journal of Diabetes Investigation, 2019, 10, 513-520.	1.1	14
43	Association between sum of volatile organic compounds and occurrence of building-related symptoms in humans: A study in real full-scale laboratory houses. Science of the Total Environment, 2021, 750, 141635.	3.9	14
44	Arsenic and Mn levels in Isaza (Gymnogobius isaza) during the mass mortality event in Lake Biwa, Japan. Environmental Pollution, 2011, 159, 2789-2796.	3.7	13
45	The methylation levels of the H19 differentially methylated region in human umbilical cords reflect newborn parameters and changes by maternal environmental factors during early pregnancy. Environmental Research, 2017, 157, 1-8.	3.7	13
46	Fetal exposure markers of dioxins and dioxin-like PCBs. Environmental Science and Pollution Research, 2018, 25, 11940-11947.	2.7	12
47	Targeted metabolome analysis of the dog brain exposed to PCBs suggests inhibition of oxidative phosphorylation by hydroxylated PCBs. Toxicology and Applied Pharmacology, 2019, 377, 114620.	1.3	12
48	Excess deaths from COVID-19 in Japan and 47 prefectures from January through June 2021. Public Health, 2022, 203, 15-18.	1.4	12
49	DNA methylome of human neonatal umbilical cord: Enrichment of differentially methylated regions compared to umbilical cord blood DNA at transcription factor genes involved in body patterning and effects of maternal folate deficiency or childrenâ€™s sex. PLoS ONE, 2019, 14, e0214307.	1.1	11
50	Hsa-mir-144-3p expression is increased in umbilical cord serum of infants with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 143, 447-450.e11.	1.5	11
51	Geographically weighted generalized Farrington algorithm for rapid outbreak detection over short data accumulation periods. Statistics in Medicine, 2021, 40, 6277-6294.	0.8	11
52	Factors associated with the risk perception of COVID-19 infection and severe illness: A cross-sectional study in Japan. SSM - Population Health, 2022, 18, 101105.	1.3	10
53	Inter-prefectural Travel and Network Connectedness During the COVID-19 Pandemic in Japan. Journal of Epidemiology, 2022, 32, 510-518.	1.1	10
54	The effects of early postnatal exposure to a low dose of decabromodiphenyl ether (BDE-209) on serum metabolites in male mice. Journal of Toxicological Sciences, 2016, 41, 667-675.	0.7	9

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55	Trends in deaths from road injuries during the COVID-19 pandemic in Japan, January to September 2020. Injury Epidemiology, 2020, 7, 66.	0.8	9
56	Mother to Fetus Transfer of Hydroxylated Polychlorinated Biphenyl Congeners (OH-PCBs) in the Japanese Macaque (Macaca fuscata): Extrapolation of Exposure Scenarios to Humans. Environmental Science & Technology, 2020, 54, 11386-11395.	4.6	9
57	Metabolomic Alteration in the Plasma of Wild Rodents Environmentally Exposed to Lead: A Preliminary Study. International Journal of Environmental Research and Public Health, 2022, 19, 541.	1.2	9
58	Development of simple analytical methods of polychlorinated biphenyls in human serum by gas chromatography negative ion chemical ionization quadrupole mass spectrometry. Acta Chromatographica, 2017, 29, 503-506.	0.7	8
59	Dietary Habits and Cooking Methods Could Reduce Avoidable Exposure to PCBs in Maternal and Cord Sera. Scientific Reports, 2017, 7, 17357.	1.6	8
60	Association between gut microbiota composition and glycoalbumin level during pregnancy in Japanese women: Pilot study from Chiba Study of Mother and Child Health. Journal of Diabetes Investigation, 2020, 11, 699-706.	1.1	8
61	Trends in emergency transportation due to heat illness under the new normal lifestyle in the COVID-19 era, in Japan and 47 prefectures. Science of the Total Environment, 2021, 768, 144723.	3.9	8
62	Identification of optimum combinations of media channels for approaching COVID-19 vaccine unsure and unwilling groups in Japan. The Lancet Regional Health - Western Pacific, 2022, 18, 100330.	1.3	8
63	Effects of gestational exposure to bisphenol A on the hepatic transcriptome and lipidome of rat dams: Intergenerational comparison of effects in the offspring. Science of the Total Environment, 2022, 826, 153990.	3.9	8
64	An Altered DNA Methylation Status in the Human Umbilical Cord Is Correlated with Maternal Exposure to Polychlorinated Biphenyls. International Journal of Environmental Research and Public Health, 2019, 16, 2786.	1.2	7
65	Simultaneous determination of polybrominated diphenyl ethers and hexabromocyclododecane in plastic waste by short-column gas-chromatography-quadrupole mass spectrometry and electron capture detector. Chemosphere, 2021, 277, 130301.	4.2	7
66	Health impact assessment of pet cats caused by organohalogen contaminants by serum metabolomics and thyroid hormone analysis. Science of the Total Environment, 2022, 842, 156490.	3.9	7
67	Inflow and outflow loads of 484 daily-use chemicals in wastewater treatment plants across Japan. Environmental Monitoring and Contaminants Research, 2021, 1, 1-16.	0.4	6
68	Assessing the regional impact of Japanâ€™s COVID-19 state of emergency declaration: a population-level observational study using social networking services. BMJ Open, 2021, 11, e042002.	0.8	6
69	Recent changes in the reporting of STIs in Japan during the COVID-19 pandemic. Sexually Transmitted Infections, 2022, , sextrans-2021-055378.	0.8	6
70	Synchronous Multicentric Development of Hepatocellular Carcinoma. Journal of Clinical Gastroenterology, 1995, 20, 300-303.	1.1	5
71	Trend change of the transmission route of COVID-19â€“related symptoms in Japan. Public Health, 2020, 187, 157-160.	1.4	5
72	Longitudinal analyses of maternal and cord blood manganese levels and neurodevelopment in children up to 3Âyears of age: The Japan Environment and Childrenâ€™s Study (JECS). Environment International, 2022, 161, 107126.	4.8	5

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73	Decreased incidence followed by comeback of pediatric infections during the COVID-19 pandemic in Japan. World Journal of Pediatrics, 2022, 18, 564-567.	0.8	5
74	Accelerated oligosaccharide absorption and altered serum metabolites during oral glucose tolerance test in young Japanese with impaired glucose tolerance. Journal of Diabetes Investigation, 2018, 9, 512-521.	1.1	4
75	Concentrations of Formic Acid, Acetic Acid, and Ammonia in Newly Constructed Houses. International Journal of Environmental Research and Public Health, 2020, 17, 1940.	1.2	4
76	Dechlorination of short-chain chlorinated paraffins by the metal sodium dispersion method. Chemosphere, 2021, 283, 131201.	4.2	4
77	Assessment of questionnaire-based PCB exposure focused on food frequency in birth cohorts in Japan. Environmental Science and Pollution Research, 2017, 24, 3531-3538.	2.7	3
78	Comparison of the PCB serum levels among mother-child pairs in areas of Eastern Japan and Central Taiwan. Science of the Total Environment, 2021, 806, 150272.	3.9	3
79	Association between Total and Individual PCB Congener Levels in Maternal Serum and Birth Weight of Newborns: Results from the Chiba Study of Mother and Child Health Using Weighted Quantile Sum Regression. International Journal of Environmental Research and Public Health, 2022, 19, 694.	1.2	3
80	Association between telomere length in human umbilical cord tissues and polychlorinated biphenyls in maternal and cord serum. Chemosphere, 2022, 300, 134560.	4.2	3
81	Effect of emergency declaration on mental health during the COVID-19 pandemic in Japan: A social network service-based difference-in-differences approach. Science Progress, 2021, 104, 003685042110297.	1.0	1
82	Public transportation network scan for rapid surveillance. Biostatistics and Epidemiology, 2023, 7, .	0.4	1
83	2296-PUB: Serum Metabolome Reflects the Status of Glucose Metabolism of Japanese Pregnant Women. Diabetes, 2019, 68, 2296-PUB.	0.3	0
84	Vitamin D Metabolite Ratio in Pregnant Women with Low Blood Vitamin D Concentrations Is Associated with Neonatal Anthropometric Data. Nutrients, 2022, 14, 2201.	1.7	0
85	Public transportation network scan for rapid surveillance. Biostatistics and Epidemiology, 2023, 7, .	0.4	0