

Akiko Honda

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,339
citations

430874

18
h-index

361022

35
g-index

58
all docs

58
docs citations

58
times ranked

1941
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns of levels of biological metals in CSF differ among neurodegenerative diseases. <i>Journal of the Neurological Sciences</i> , 2011, 303, 95-99.	0.6	213
2	Third isoform of the prostaglandin-E-receptor EP3 subtype with different C-terminal tail coupling to both stimulation and inhibition of adenylate cyclase. <i>FEBS Journal</i> , 1993, 217, 313-318.	0.2	159
3	Identification of prostaglandin E receptor ϵ -EP2 TM cloned from mastocytoma cells as EP4 subtype. <i>FEBS Letters</i> , 1995, 364, 339-341.	2.8	135
4	Effects of ambient air pollution on daily hospital admissions for respiratory and cardiovascular diseases in Bangkok, Thailand. <i>Science of the Total Environment</i> , 2019, 651, 1144-1153.	8.0	126
5	Health effects of PM _{2.5} sources on children's allergic and respiratory symptoms in Fukuoka, Japan. <i>Science of the Total Environment</i> , 2020, 709, 136023.	8.0	50
6	Effects of Asian sand dust particles on the respiratory and immune system. <i>Journal of Applied Toxicology</i> , 2014, 34, 250-257.	2.8	42
7	Aqueous and organic extract of PM _{2.5} collected in different seasons and cities of Japan differently affect respiratory and immune systems. <i>Environmental Pollution</i> , 2018, 235, 223-234.	7.5	38
8	Exposure to particulate matter upregulates ACE2 and TMPRSS2 expression in the murine lung. <i>Environmental Research</i> , 2021, 195, 110722.	7.5	37
9	Effects of Components of PM _{2.5} Collected in Japan on the Respiratory and Immune Systems. <i>International Journal of Toxicology</i> , 2017, 36, 153-164.	1.2	30
10	Acute Effects of Ambient PM _{2.5} on All-Cause and Cause-Specific Emergency Ambulance Dispatches in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 307.	2.6	27
11	Metallothionein-III knockout mice aggravates the neuronal damage after transient focal cerebral ischemia. <i>Brain Research</i> , 2009, 1292, 148-154.	2.2	25
12	Ambient fine and coarse particles in Japan affect nasal and bronchial epithelial cells differently and elicit varying immune response. <i>Environmental Pollution</i> , 2018, 242, 1693-1701.	7.5	25
13	Association between ambient temperature and intentional injuries: A case-crossover analysis using ambulance transport records in Japan. <i>Science of the Total Environment</i> , 2021, 774, 145511.	8.0	25
14	Metallothionein-3 deficient mice exhibit abnormalities of psychological behaviors. <i>Neuroscience Letters</i> , 2009, 467, 11-14.	2.1	24
15	Effects of high ambient temperature on ambulance dispatches in different age groups in Fukuoka, Japan. <i>Global Health Action</i> , 2018, 11, 1437882.	1.9	23
16	Resistance of metallothionein-III null mice to cadmium-induced acute hepatotoxicity. <i>Journal of Toxicological Sciences</i> , 2010, 35, 209-215.	1.5	21
17	DNA microarray analysis of normal rat kidney epithelial cells treated with cadmium. <i>Journal of Toxicological Sciences</i> , 2011, 36, 127-129.	1.5	21
18	High Levels of Copper, Zinc, Iron and Magnesium, but not Calcium, in the Cerebrospinal Fluid of Patients with Fahr TM s Disease. <i>Case Reports in Neurology</i> , 2010, 2, 46-51.	0.7	20

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19	Effects of Air Pollution-Related Heavy Metals on the Viability and Inflammatory Responses of Human Airway Epithelial Cells. <i>International Journal of Toxicology</i> , 2015, 34, 195-203.	1.2	19
20	Long-term air pollution exposure and self-reported morbidity: A longitudinal analysis from the Thai cohort study (TCS). <i>Environmental Research</i> , 2021, 192, 110330.	7.5	17
21	Metallothionein-III Deficiency Exacerbates Light-Induced Retinal Degeneration. , 2012, 53, 7896.		16
22	Interactive effects of specific fine particulate matter compositions and airborne pollen on frequency of clinic visits for pollinosis in Fukuoka, Japan. <i>Environmental Research</i> , 2017, 156, 411-419.	7.5	16
23	Association between PM10 from vegetation fire events and hospital visits by children in upper northern Thailand. <i>Science of the Total Environment</i> , 2021, 764, 142923.	8.0	15
24	Synergistic effect of carbon nuclei and polyaromatic hydrocarbons on respiratory and immune responses. <i>Environmental Toxicology</i> , 2017, 32, 2172-2181.	4.0	14
25	Effects of Ambient PM2.5 Collected Using Cyclonic Separator from Asian Cities on Human Airway Epithelial Cells. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1808-1819.	2.1	14
26	Neurobehavioral changes in response to alterations in gene expression profiles in the brains of mice exposed to low and high levels of mercury vapor during postnatal development. <i>Journal of Toxicological Sciences</i> , 2014, 39, 561-570.	1.5	13
27	PM2.5 collected using cyclonic separation causes stronger biological responses than that collected using a conventional filtration method. <i>Environmental Research</i> , 2021, 198, 110490.	7.5	13
28	Attenuation of cadmium-induced testicular injury in metallothionein-III null mice. <i>Life Sciences</i> , 2010, 87, 545-550.	4.3	12
29	Biological factor related to Asian sand dust particles contributes to the exacerbation of asthma. <i>Journal of Applied Toxicology</i> , 2017, 37, 583-590.	2.8	11
30	Long-term air pollution exposure and decreased kidney function: A longitudinal cohort study in Bangkok Metropolitan Region, Thailand from 2002 to 2012. <i>Chemosphere</i> , 2022, 287, 132117.	8.2	10
31	Role of necroptosis of alveolar macrophages in acute lung inflammation of mice exposed to titanium dioxide nanoparticles. <i>Nanotoxicology</i> , 2021, 15, 1312-1330.	3.0	10
32	Microarray analysis of the liver in metallothionein-III null mice treated with cadmium. <i>Journal of Toxicological Sciences</i> , 2010, 35, 271-273.	1.5	9
33	Microarray analysis of neonatal brain exposed to cadmium during gestation and lactation. <i>Journal of Toxicological Sciences</i> , 2013, 38, 151-153.	1.5	9
34	Role of Metallothioneins 1 and 2 in Ocular Neovascularization. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 3851-6860.	3.3	9
35	Effect of dental amalgam on gene expression profiles in rat cerebrum, cerebellum, liver and kidney. <i>Journal of Toxicological Sciences</i> , 2012, 37, 663-666.	1.5	8
36	DNA microarray analysis of transcriptional responses of mouse spinal cords to physical exercise. <i>Journal of Toxicological Sciences</i> , 2009, 34, 445-448.	1.5	7

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37	DNA microarray analysis of human coronary artery endothelial cells exposed to cadmium. <i>Journal of Toxicological Sciences</i> , 2011, 36, 141-143.	1.5	7
38	Emergence of delayed behavioral effects in offspring mice exposed to low levels of mercury vapor during the lactation period. <i>Journal of Toxicological Sciences</i> , 2013, 38, 1-6.	1.5	7
39	Association between PM2.5 exposure and heart rate variability for the patients with cardiac problems in Japan. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 339-347.	3.3	7
40	Effects of hydrogen peroxide on mucociliary transport in human airway epithelial cells. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 191-195.	2.7	6
41	Synergic effects of 9,10-phenanthrenequinone and cadmium on pro-inflammatory responses in airway epithelial cells. <i>Environmental Toxicology and Pharmacology</i> , 2017, 52, 276-279.	4.0	6
42	Effects of long-term air pollution exposure on ankle-brachial index and cardio-ankle vascular index: A longitudinal cohort study using data from the Electricity Generating Authority of Thailand study. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 236, 113790.	4.3	5
43	Long-term air pollution exposure and serum lipids and blood sugar: A longitudinal cohort study from the electricity generating authority of Thailand study. <i>Atmospheric Environment</i> , 2021, 259, 118515.	4.1	5
44	DNA microarray gene expression analysis of human vascular endothelial cells exposed to arsenite. <i>Journal of Toxicological Sciences</i> , 2010, 35, 275-278.	1.5	4
45	DNA microarray analysis of hepatic gene expression in mice exposed to cadmium for 30 days. <i>Journal of Toxicological Sciences</i> , 2013, 38, 155-157.	1.5	4
46	Hourly association between ambient PM2.5 and emergency ambulance dispatches in 11 cities in Japan. <i>Environmental Research</i> , 2020, 185, 109448.	7.5	4
47	Investigation of association between smoke haze and under-five mortality in Malaysia, accounting for time lag, duration and intensity. <i>International Journal of Epidemiology</i> , 2022, 51, 155-165.	1.9	4
48	Gene expression differences in the duodenum of 129/Sv and DBA/2 mice compared with that of C57BL/6J mice. <i>Journal of Toxicological Sciences</i> , 2014, 39, 173-177.	1.5	3
49	Extract of curry powder and its components protect against diesel exhaust particle-induced inflammatory responses in human airway epithelial cells. <i>Food and Agricultural Immunology</i> , 2019, 30, 1212-1224.	1.4	3
50	Application of three-dimensional Raman imaging to determination of the relationship between cellular localization of diesel exhaust particles and the toxicity. <i>Toxicology Mechanisms and Methods</i> , 2022, 32, 333-340.	2.7	3
51	Effect of a vegetation fire event ban on hospital visits for respiratory diseases in Upper Northern Thailand. <i>International Journal of Epidemiology</i> , 2022, 51, 514-524.	1.9	3
52	Distribution of mercury in metallothionein-null mice after exposure to mercury vapor: amount of metallothionein isoform does not affect accumulation of mercury in the brain. <i>Journal of Toxicological Sciences</i> , 2012, 37, 765-771.	1.5	2
53	Streamer discharge reduces pollen-induced inflammatory responses and injury in human airway epithelial cells. <i>Experimental Biology and Medicine</i> , 2013, 238, 187-192.	2.4	1
54	Di-(2-ethylhexyl) phthalate enhances cytokine release from group 2 innate lymphoid cells in the presence of interleukin-33. <i>Environmental Toxicology and Pharmacology</i> , 2021, 87, 103726.	4.0	1

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55	Long-term air pollution exposure and metabolic syndrome prevalence: A longitudinal cohort study from the electricity generating authority of Thailand study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
56	Assessment of Respiratory morbidity burden from exposure to vegetation fire-PM2.5 in Upper Northern Thailand for the year 2018. ISEE Conference Abstracts, 2021, 2021, .	0.0	0