

Huey-Jen Jenny Su

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

5,130
citations

117625

34
h-index

91884

69
g-index

108
all docs

108
docs citations

108
times ranked

6546
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of ventilation in airborne transmission of infectious agents in the built environment ? a multidisciplinary systematic review. <i>Indoor Air</i> , 2007, 17, 2-18.	4.3	822
2	Arsenic methylation and bladder cancer risk in Taiwan. <i>Cancer Causes and Control</i> , 2003, 14, 303-310.	1.8	219
3	Higher temperature and urbanization affect the spatial patterns of dengue fever transmission in subtropical Taiwan. <i>Science of the Total Environment</i> , 2009, 407, 2224-2233.	8.0	218
4	Arsenic Methylation and Skin Cancer Risk in Southwestern Taiwan. <i>Journal of Occupational and Environmental Medicine</i> , 2003, 45, 241-248.	1.7	214
5	Weather as an effective predictor for occurrence of dengue fever in Taiwan. <i>Acta Tropica</i> , 2007, 103, 50-57.	2.0	206
6	Predicted risk of childhood allergy, asthma, and reported symptoms using measured phthalate exposure in dust and urine. <i>Indoor Air</i> , 2012, 22, 186-199.	4.3	172
7	Linking Student Performance in Massachusetts Elementary Schools with the "Greenness" of School Surroundings Using Remote Sensing. <i>PLoS ONE</i> , 2014, 9, e108548.	2.5	141
8	An Internet-Based Interactive Telemonitoring System for Improving Childhood Asthma Outcomes in Taiwan. <i>Telemedicine Journal and E-Health</i> , 2007, 13, 257-268.	2.8	130
9	Diseases Caused by Enterovirus 71 Infection. <i>Pediatric Infectious Disease Journal</i> , 2009, 28, 904-910.	2.0	129
10	Exposure of Workers to Airborne Microorganisms in Open-Air Swine Houses. <i>Applied and Environmental Microbiology</i> , 2001, 67, 155-161.	3.1	116
11	Indoor air quality varies with ventilation types and working areas in hospitals. <i>Building and Environment</i> , 2015, 85, 190-195.	6.9	113
12	Fine Particle Pollution, Alanine Transaminase, and Liver Cancer: A Taiwanese Prospective Cohort Study (REVEAL-HBV). <i>Journal of the National Cancer Institute</i> , 2016, 108, .	6.3	113
13	Increased levels of ambient fungal spores in Taiwan are associated with dust events from China. <i>Atmospheric Environment</i> , 2004, 38, 4879-4886.	4.1	108
14	Effects of Extreme Precipitation to the Distribution of Infectious Diseases in Taiwan, 1994"2008. <i>PLoS ONE</i> , 2012, 7, e34651.	2.5	108
15	Exposure Assessment of Indoor Allergens, Endotoxin, and Airborne Fungi for Homes in Southern Taiwan. <i>Environmental Research</i> , 2001, 85, 135-144.	7.5	107
16	Traffic-Related Air Pollution, Climate, and Prevalence of Eczema in Taiwanese School Children. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2412-2420.	0.7	107
17	The effects of evaporating essential oils on indoor air quality. <i>Atmospheric Environment</i> , 2007, 41, 1230-1236.	4.1	89
18	Hepatocellular carcinoma"related cyclin D1 is selectively regulated by autophagy degradation system. <i>Hepatology</i> , 2018, 68, 141-154.	7.3	84

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19	The seasonal distribution of bioaerosols in municipal landfill sites: a 3-yr study. <i>Atmospheric Environment</i> , 2002, 36, 4385-4395.	4.1	83
20	Simultaneous exposure of non-diabetics to high levels of dioxins and mercury increases their risk of insulin resistance. <i>Journal of Hazardous Materials</i> , 2011, 185, 749-755.	12.4	70
21	The Association between Enterovirus 71 Infections and Meteorological Parameters in Taiwan. <i>PLoS ONE</i> , 2012, 7, e46845.	2.5	69
22	A Comparison of Sampling Media for Environmental Viable Fungi Collected in a Hospital Environment. <i>Environmental Research</i> , 2000, 82, 253-257.	7.5	64
23	Changing microbial concentrations are associated with ventilation performance in Taiwan's air-conditioned office buildings. <i>Indoor Air</i> , 2005, 15, 19-26.	4.3	61
24	Interaction between environmental tobacco smoke and arsenic methylation ability on the risk of bladder cancer. <i>Cancer Causes and Control</i> , 2005, 16, 75-81.	1.8	57
25	Profile of PCDD/F levels in serum of general Taiwanese between different gender, age and smoking status. <i>Science of the Total Environment</i> , 2005, 337, 31-43.	8.0	51
26	Relationship between mean daily ambient temperature range and hospital admissions for schizophrenia: Results from a national cohort of psychiatric inpatients. <i>Science of the Total Environment</i> , 2011, 410-411, 41-46.	8.0	51
27	Examining non-stationary effects of social determinants on cardiovascular mortality after cold surges in Taiwan. <i>Science of the Total Environment</i> , 2010, 408, 2042-2049.	8.0	50
28	Associations between dietary intake and serum polychlorinated dibenzo-p-dioxin and dibenzofuran (PCDD/F) levels in Taiwanese. <i>Environmental Research</i> , 2003, 91, 172-178.	7.5	48
29	Relationship between heat index and mortality of 6 major cities in Taiwan. <i>Science of the Total Environment</i> , 2013, 442, 275-281.	8.0	46
30	A hybrid kriging/land-use regression model with Asian culture-specific sources to assess NO ₂ spatial-temporal variations. <i>Environmental Pollution</i> , 2020, 259, 113875.	7.5	46
31	Different cell death mechanisms and gene expression in human cells induced by pentachlorophenol and its major metabolite, tetrachlorohydroquinone. <i>Chemico-Biological Interactions</i> , 2000, 128, 173-188.	4.0	41
32	Risk assessment of formaldehyde in typical office buildings in Taiwan. <i>Indoor Air</i> , 2003, 13, 359-363.	4.3	37
33	Dioxin Exposure and Insulin Resistance in Taiwanese Living Near a Highly Contaminated Area. <i>Epidemiology</i> , 2010, 21, 56-61.	2.7	37
34	Cardiovascular mortality during heat and cold events: determinants of regional vulnerability in Taiwan. <i>Occupational and Environmental Medicine</i> , 2011, 68, 525-530.	2.8	37
35	Airborne Fungi and Endotoxin Concentrations in Different Areas within Textile Plants in Taiwan: A 3-Year Study. <i>Environmental Research</i> , 2002, 89, 58-65.	7.5	34
36	The association between tumor necrosis factor, HLA-DR alleles, and IgE-mediated asthma in Taiwanese adolescents. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2002, 57, 831-834.	5.7	34

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37	Cognitive function and blood methylmercury in adults living near a deserted chloralkali factory. <i>Environmental Research</i> , 2008, 108, 334-339.	7.5	34
38	Effects of essential oils on the formation of formaldehyde and secondary organic aerosols in an aromatherapy environment. <i>Building and Environment</i> , 2012, 57, 120-125.	6.9	34
39	Fatty Liver and Hepatic Function for Residents with Markedly High Serum PCDD/Fs Levels in Taiwan. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 367-380.	2.3	33
40	Biochemistry examinations and health disorder evaluation of Taiwanese living near incinerators and with low serum PCDD/Fs levels. <i>Science of the Total Environment</i> , 2006, 366, 538-548.	8.0	31
41	Association between indoor air pollutant exposure and blood pressure and heart rate in subjects according to body mass index. <i>Science of the Total Environment</i> , 2016, 539, 271-276.	8.0	31
42	Home Exposures, Parental Atopy, and Occurrence of Asthma Symptoms in Adulthood in Southern Taiwan. <i>Chest</i> , 2006, 129, 300-308.	0.8	30
43	Fungal Exposure of Children at Homes and Schools: A Health Perspective. <i>Archives of Environmental Health</i> , 2001, 56, 144-149.	0.4	29
44	Levels of House Dust Mite-Specific IgE and Cockroach-Specific IgE and Their Association With Lower Pulmonary Function in Taiwanese Children. <i>Chest</i> , 2002, 121, 347-353.	0.8	29
45	Cold surge: A sudden and spatially varying threat to health?. <i>Science of the Total Environment</i> , 2009, 407, 3421-3424.	8.0	29
46	Higher moisture content is associated with greater emissions of DEHP from PVC wallpaper. <i>Environmental Research</i> , 2017, 152, 1-6.	7.5	29
47	Genetic Polymorphism in p53 Codon 72 and Skin Cancer in Southwestern Taiwan. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2003, 38, 201-211.	1.7	28
48	Evaluation of background persistent organic pollutant levels in human from Taiwan: Polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls. <i>Environment International</i> , 2009, 35, 33-42.	10.0	28
49	Abdominal Obesity and Insulin Resistance in People Exposed to Moderate-to-High Levels of Dioxin. <i>PLoS ONE</i> , 2016, 11, e0145818.	2.5	28
50	Changes in profiles of airborne fungi in flooded homes in southern Taiwan after Typhoon Morakot. <i>Science of the Total Environment</i> , 2011, 409, 1677-1682.	8.0	27
51	The association between the incidence of mumps and meteorological parameters in Taiwan. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1406-1412.	3.3	26
52	Susceptibility of endothelial cells to bovine herpesvirus type 4 (BHV-4). <i>Journal of Virological Methods</i> , 1997, 63, 219-225.	2.1	24
53	Sustainability of higher education institutions in Taiwan. <i>International Journal of Sustainability in Higher Education</i> , 2010, 11, 163-172.	3.1	24
54	Incorporating land-use regression into machine learning algorithms in estimating the spatial-temporal variation of carbon monoxide in Taiwan. <i>Environmental Modelling and Software</i> , 2021, 139, 104996.	4.5	21

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55	Using land-use machine learning models to estimate daily NO ₂ concentration variations in Taiwan. <i>Journal of Cleaner Production</i> , 2021, 317, 128411.	9.3	21
56	Global greenness in relation to reducing the burden of cardiovascular diseases: ischemic heart disease and stroke. <i>Environmental Research Letters</i> , 2020, 15, 124003.	5.2	21
57	Allostatic Load Model Associated with Indoor Environmental Quality and Sick Building Syndrome among Office Workers. <i>PLoS ONE</i> , 2014, 9, e95791.	2.5	21
58	Hyperuricemia After Exposure to Polychlorinated Dibenzo-P-Dioxins and Dibenzofurans Near a Highly Contaminated Area. <i>Epidemiology</i> , 2013, 24, 582-589.	2.7	20
59	Temporal and spatial variations in IAQ and its association with building characteristics and human activities in tropical and subtropical areas. <i>Building and Environment</i> , 2019, 163, 106249.	6.9	20
60	Effects of changing risk factors on increasing asthma prevalence in southern Taiwan. <i>Paediatric and Perinatal Epidemiology</i> , 2003, 17, 3-9.	1.7	19
61	A positive relationship between ambient temperature and bipolar disorder identified using a national cohort of psychiatric inpatients. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2013, 48, 295-302.	3.1	19
62	Early-life or lifetime sun exposure, sun reaction, and the risk of squamous cell carcinoma in an Asian population. <i>Cancer Causes and Control</i> , 2010, 21, 771-776.	1.8	16
63	A dose-dependent relationship between the severity of visible mold growth and IgE levels of pre-school-aged resident children in Taiwan. <i>Indoor Air</i> , 2010, 20, 392-398.	4.3	15
64	Cumulative effect of indoor temperature on cardiovascular disease-related emergency department visits among older adults in Taiwan. <i>Science of the Total Environment</i> , 2020, 731, 138958.	8.0	15
65	Linkage between residential green spaces and allergic rhinitis among Asian children (case study: Tj ETQq1 1 0.784314 rgBT /Overlock 15	7.5	15
66	The Effect of Surrounding Greenness on Type 2 Diabetes Mellitus: A Nationwide Population-Based Cohort in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 267.	2.6	15
67	Climate variability of cold surge and its impact on the air quality of Taiwan. <i>Climatic Change</i> , 2009, 94, 457-471.	3.6	14
68	Association Between Surrounding Greenness and Schizophrenia: A Taiwanese Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1415.	2.6	14
69	Roles of Genotypes of β ₂ -Adrenergic Receptor in the Relationship Between Eosinophil Counts and Lung Function in Taiwanese Adolescents. <i>Journal of Asthma</i> , 2003, 40, 265-272.	1.7	13
70	Airborne fungi and bacteria in child daycare centers and the effectiveness of weak acid hypochlorous water on controlling microbes. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2692.	2.1	12
71	COVID-19 reveals the systemic nature of urban health globally. <i>Cities and Health</i> , 2020, , 1-5.	2.6	12
72	Chemical and stable isotopic characteristics of PM _{2.5} emitted from Chinese cooking. <i>Environmental Pollution</i> , 2020, 267, 115577.	7.5	12

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73	Associations among phthalate exposure, DNA methylation of TSLP, and childhood allergy. <i>Clinical Epigenetics</i> , 2021, 13, 76.	4.1	12
74	Domestic Exposure to Fungi and Total Serum IgE Levels in Asthmatic Children. <i>Mediators of Inflammation</i> , 2005, 2005, 167-170.	3.0	11
75	Patterns of serum PCDD/Fs affected by vegetarian regime and consumption of local food for residents living near municipal waste incinerators from Taiwan. <i>Environment International</i> , 2006, 32, 650-655.	10.0	11
76	Precipitation Increases the Occurrence of Sporadic Legionnairesâ€™ Disease in Taiwan. <i>PLoS ONE</i> , 2014, 9, e114337.	2.5	11
77	Development of Hourly Indoor PM2.5 Concentration Prediction Model: The Role of Outdoor Air, Ventilation, Building Characteristic, and Human Activity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5906.	2.6	11
78	Pollen of <i>Broussonetia papyrifera</i> : An emerging aeroallergen associated with allergic illness in Taiwan. <i>Science of the Total Environment</i> , 2019, 657, 804-810.	8.0	10
79	Distribution variations of multi allergens at asthmatic children's homes. <i>Science of the Total Environment</i> , 2002, 289, 249-254.	8.0	9
80	New Phenylpropane and Anti-inflammatory Diterpene Derivatives from <i>Amentotaxus formosana</i> . <i>Planta Medica</i> , 2005, 71, 344-348.	1.3	9
81	Association between tofu intake and serum polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in the elderly Taiwanese. <i>Environment International</i> , 2007, 33, 265-271.	10.0	9
82	Developing a water literacy. <i>Current Opinion in Environmental Sustainability</i> , 2011, 3, 517-519.	6.3	9
83	Feeding Bottles Usage and the Prevalence of Childhood Allergy and Asthma. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-8.	3.3	9
84	Paternal Heredity and Housing Characteristics Affect Childhood Asthma and Allergy Morbidity. <i>Archives of Environmental and Occupational Health</i> , 2012, 67, 155-162.	1.4	9
85	The topical application of 2,3,7,8-tetrachlorodibenzo-p-dioxin lacks skin tumor-promoting potency but induces hepatic injury and tumor necrosis factor- α expression in ICR male mice. <i>Food and Chemical Toxicology</i> , 2004, 42, 1217-1225.	3.6	7
86	Effects of Vitamin C and E Intake on Peak Expiratory Flow Rate of Asthmatic Children Exposed to Atmospheric Particulate Matter. <i>Archives of Environmental and Occupational Health</i> , 2013, 68, 80-86.	1.4	7
87	Development of an efficient viral aerosol collector for higher sampling flow rate. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3884-3893.	5.3	7
88	Residential green space structures are associated with a lower risk of bipolar disorder: A nationwide population-based study in Taiwan. <i>Environmental Pollution</i> , 2021, 283, 115864.	7.5	7
89	New land use regression model to estimate atmospheric temperature and heat island intensity in Taiwan. <i>Theoretical and Applied Climatology</i> , 2020, 141, 1451-1459.	2.8	6
90	Influence of Indoor Temperature Exposure on Emergency Department Visits Due to Infectious and Non-Infectious Respiratory Diseases for Older People. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5273.	2.6	6

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91	Is green space exposure beneficial in a developing country?. <i>Landscape and Urban Planning</i> , 2021, 215, 104226.	7.5	6
92	When Are We Most Vulnerable to Temperature Variations in a Day?. <i>PLoS ONE</i> , 2014, 9, e113195.	2.5	6
93	Predicting the risk of cardiovascular disease in people exposed to moderate to high levels of dioxin. <i>Journal of Hazardous Materials</i> , 2011, 198, 317-322.	12.4	5
94	Ambient viral and bacterial distribution during long-range transport in Northern Taiwan. <i>Environmental Pollution</i> , 2021, 270, 116231.	7.5	5
95	Estimations of infiltration factors of diurnal PM _{2.5} and heavy metals in children's bedrooms. <i>Indoor Air</i> , 2022, 32, .	4.3	5
96	School type, stress and sport-related injuries in middle school students in central Taiwan. <i>Safety Science</i> , 2001, 39, 137-144.	4.9	4
97	Allergen exposure induces inflammation and affects adiponectin levels in adipose tissue. <i>Toxicology Letters</i> , 2013, 223, 88-95.	0.8	4
98	Allergen exposure induces adipose tissue inflammation and insulin resistance. <i>International Immunopharmacology</i> , 2014, 23, 104-112.	3.8	3
99	Extreme Precipitation and Climate-related Infectious Diseases in Taiwan (1994-2008). <i>Epidemiology</i> , 2011, 22, S20-S21.	2.7	2
100	Long-term allergen exposure induces adipose tissue inflammation and circulatory system injury. <i>Cellular Immunology</i> , 2016, 303, 34-42.	3.0	2
101	Stable C and N isotopes of PM _{2.5} and size-segregated particles emitted from incense stick and cigarette burning. <i>Environmental Research</i> , 2022, 212, 113346.	7.5	2
102	Changes in Ambient Bacterial Community in Northern Taiwan during Long-Range Transport: Asian Dust Storm and Frontal Pollution. <i>Atmosphere</i> , 2022, 13, 841.	2.3	2
103	Interactive Effects Between CYP1A1 Genotypes and Environmental Polychlorinated Dibenzo-p-Dioxins and Dibenzofurans Exposures on Liver Function Profile. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 269-281.	2.3	1
104	Application of a stable carbon isotope for identifying <i>Broussonetia papyrifera</i> pollen. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27353-27361.	5.3	1
105	Contribution of Indoor- and Outdoor-Generated Fine and Coarse Particles to Indoor Air in Taiwanese Hospitals. <i>Aerosol and Air Quality Research</i> , 2018, 18, 3234-3242.	2.1	1
106	Extreme Precipitation and Public Health Consequences in Taiwan. <i>Global Bioethics</i> , 2011, 24, 107-108.	1.5	0
107	Climate Variability and Human Health in Southeast Asia: A Taiwan Study. <i>Advances in Asian Human-Environmental Research</i> , 2016, , 237-242.	1.0	0