

Chang-Chuan Chan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

186
papers

5,903
citations

42
h-index

65
g-index

198
ext. papers

6,720
ext. citations

6.2
avg, IF

5.81
L-index

#	Paper	IF	Citations
186	The effect of urban air pollution on inflammation, oxidative stress, coagulation, and autonomic dysfunction in young adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 370-6	10.2	472
185	Ambient influenza and avian influenza virus during dust storm days and background days. <i>Environmental Health Perspectives</i> , 2010 , 118, 1211-6	8.4	167
184	Ecological association between asbestos-related diseases and historical asbestos consumption: an international analysis. <i>Lancet, The</i> , 2007 , 369, 844-849	4.0	167
183	Increasing cardiopulmonary emergency visits by long-range transported Asian dust storms in Taiwan. <i>Environmental Research</i> , 2008 , 106, 393-400	7.9	133
182	Community-based multiple screening model: design, implementation, and analysis of 42,387 participants. <i>Cancer</i> , 2004 , 100, 1734-43	6.4	131
181	Effects of Asian dust event particles on inflammation markers in peripheral blood and bronchoalveolar lavage in pulmonary hypertensive rats. <i>Environmental Research</i> , 2004 , 95, 71-6	7.9	108
180	Urban air pollution and emergency admissions for cerebrovascular diseases in Taipei, Taiwan. <i>European Heart Journal</i> , 2006 , 27, 1238-44	9.5	100
179	Long-term psychological outcome of 1999 Taiwan earthquake survivors: a survey of a high-risk sample with property damage. <i>Comprehensive Psychiatry</i> , 2007 , 48, 269-75	7.3	96
178	Effects of submicrometer particle compositions on cytokine production and lipid peroxidation of human bronchial epithelial cells. <i>Environmental Health Perspectives</i> , 2003 , 111, 478-82	8.4	89
177	Personal exposure to submicrometer particles and heart rate variability in human subjects. <i>Environmental Health Perspectives</i> , 2004 , 112, 1063-7	8.4	86
176	Land use regression models for estimating individual NO _x and NO ₂ exposures in a metropolis with a high density of traffic roads and population. <i>Science of the Total Environment</i> , 2014 , 472, 1163-71	10.2	82
175	Effects of particle size fractions on reducing heart rate variability in cardiac and hypertensive patients. <i>Environmental Health Perspectives</i> , 2005 , 113, 1693-7	8.4	80
174	Commuter exposures to VOCs in Boston, Massachusetts. <i>Journal of the Air and Waste Management Association</i> , 1991 , 41, 1594-600		80
173	Effects on Chinese restaurant workers of exposure to cooking oil fumes: a cautionary note on urinary 8-hydroxy-2-deoxyguanosine. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 3351-7	4	78
172	Containing COVID-19 Among 627,386 Persons in Contact With the Diamond Princess Cruise Ship Passengers Who Disembarked in Taiwan: Big Data Analytics. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19540	7.6	77
171	Office workers' sick building syndrome and indoor carbon dioxide concentrations. <i>Journal of Occupational and Environmental Hygiene</i> , 2012 , 9, 345-51	2.9	76
170	Associations between Long-Term Particulate Matter Exposure and Adult Renal Function in the Taipei Metropolis. <i>Environmental Health Perspectives</i> , 2017 , 125, 602-607	8.4	72

169	Comparisons of commuter's exposure to particulate matters while using different transportation modes. <i>Science of the Total Environment</i> , 2008 , 405, 71-7	10.2	72
168	Effects of air pollution on daily clinic visits for lower respiratory tract illness. <i>American Journal of Epidemiology</i> , 2002 , 155, 1-10	3.8	69
167	Effects of particulate air pollution and ozone on lung function in non-asthmatic children. <i>Environmental Research</i> , 2015 , 137, 40-8	7.9	68
166	Increased incidence of allergic rhinitis, bronchitis and asthma, in children living near a petrochemical complex with SO pollution. <i>Environment International</i> , 2016 , 96, 1-7	12.9	65
165	A case-crossover analysis of forest fire haze events and mortality in Malaysia. <i>Atmospheric Environment</i> , 2014 , 96, 257-265	5.3	62
164	Ambient air pollution and risk of tuberculosis: a cohort study. <i>Occupational and Environmental Medicine</i> , 2016 , 73, 56-61	2.1	59
163	Traffic-related air pollution and cardiovascular mortality in central Taiwan. <i>Science of the Total Environment</i> , 2010 , 408, 1818-23	10.2	59
162	Enhanced oxidative stress and endothelial dysfunction in streptozotocin-diabetic rats exposed to fine particles. <i>Environmental Research</i> , 2005 , 99, 335-43	7.9	56
161	Associations between Long-Term Air Pollutant Exposures and Blood Pressure in Elderly Residents of Taipei City: A Cross-Sectional Study. <i>Environmental Health Perspectives</i> , 2015 , 123, 779-84	8.4	55
160	A case-crossover analysis of Asian dust storms and mortality in the downwind areas using 14-year data in Taipei. <i>Science of the Total Environment</i> , 2011 , 410-411, 47-52	10.2	55
159	Effects of personal exposure to particulate matter and ozone on arterial stiffness and heart rate variability in healthy adults. <i>American Journal of Epidemiology</i> , 2010 , 171, 1299-309	3.8	55
158	Burden of disease attributable to ambient fine particulate matter exposure in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2017 , 116, 32-40	3.2	53
157	Aerosol characteristics from the Taiwan aerosol supersite in the Asian yellow-dust periods of 2002. <i>Atmospheric Environment</i> , 2006 , 40, 3409-3418	5.3	53
156	Traffic-related air pollution associated with chronic kidney disease among elderly residents in Taipei City. <i>Environmental Pollution</i> , 2018 , 234, 838-845	9.3	52
155	Respiratory and irritant health effects of a population living in a petrochemical-polluted area in Taiwan. <i>Environmental Research</i> , 1997 , 74, 145-9	7.9	52
154	The Relationship Between Air Pollution and Lung Cancer in Nonsmokers in Taiwan. <i>Journal of Thoracic Oncology</i> , 2019 , 14, 784-792	8.9	51
153	Effects of ozone on DNA single-strand breaks and 8-oxoguanine formation in A549 cells. <i>Environmental Research</i> , 2003 , 93, 279-84	7.9	48
152	Glycemic Control and the Risk of Tuberculosis: A Cohort Study. <i>PLoS Medicine</i> , 2016 , 13, e1002072	11.6	48

151	A population-based study on the immediate and prolonged effects of the 1999 Taiwan earthquake on mortality. <i>Annals of Epidemiology</i> , 2003 , 13, 502-8	6.4	47
150	Associations between particulate sulfate and organic carbon exposures and heart rate variability in patients with or at risk for cardiovascular diseases. <i>Journal of Occupational and Environmental Medicine</i> , 2007 , 49, 610-7	2	46
149	Effects of concentrated ambient particles on heart rate and blood pressure in pulmonary hypertensive rats. <i>Environmental Health Perspectives</i> , 2003 , 111, 147-50	8.4	45
148	Effects of occupational noise exposure on blood pressure. <i>Journal of Occupational and Environmental Medicine</i> , 2003 , 45, 1289-96	2	44
147	Effects of concentrated ambient particles on heart rate, blood pressure, and cardiac contractility in spontaneously hypertensive rats. <i>Inhalation Toxicology</i> , 2004 , 16, 421-9	2.7	44
146	Linking sources to early effects by profiling urine metabolome of residents living near oil refineries and coal-fired power plants. <i>Environment International</i> , 2017 , 102, 87-96	12.9	43
145	Current asthma in schoolchildren is related to fungal spores in classrooms. <i>Chest</i> , 2014 , 146, 123-134	5.3	42
144	Political and social determinants of life expectancy in less developed countries: a longitudinal study. <i>BMC Public Health</i> , 2012 , 12, 85	4.1	42
143	Mass eradication of to reduce gastric cancer incidence and mortality: a long-term cohort study on Matsu Islands. <i>Gut</i> , 2021 , 70, 243-250	19.2	41
142	Short-term effects of air pollution on pulse pressure among nonsmoking adults. <i>Epidemiology</i> , 2012 , 23, 341-8	3.1	40
141	Validation of a laboratory-constructed automated gas chromatograph for the measurement of ozone precursors through comparison with a commercial analogy. <i>Journal of Chromatography A</i> , 2004 , 1027, 11-8	4.5	40
140	Contribution of endotoxin in macrophage cytokine response to ambient particles in vitro. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 1261-72	3.2	40
139	LUR models for particulate matters in the Taipei metropolis with high densities of roads and strong activities of industry, commerce and construction. <i>Science of the Total Environment</i> , 2015 , 514, 178-84	10.2	39
138	The influence of emission sources and meteorological conditions on SO ₂ pollution in Mongolia. <i>Atmospheric Environment</i> , 2012 , 61, 542-549	5.3	39
137	Health risk assessment on residents exposed to chlorinated hydrocarbons contaminated in groundwater of a hazardous waste site. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 219-35	3.2	39
136	Carotid Intima-Media Thickness and Long-Term Exposure to Traffic-Related Air Pollution in Middle-Aged Residents of Taiwan: A Cross-Sectional Study. <i>Environmental Health Perspectives</i> , 2015 , 123, 773-8	8.4	38
135	Particulate and gaseous pollutants on inflammation, thrombosis, and autonomic imbalance in subjects at risk for cardiovascular disease. <i>Environmental Pollution</i> , 2017 , 223, 403-408	9.3	36
134	Land use regression modeling with vertical distribution measurements for fine particulate matter and elements in an urban area. <i>Atmospheric Environment</i> , 2015 , 104, 256-263	5.3	36

133	Effects of ambient ozone exposure on mail carriers' peak expiratory flow rates. <i>Environmental Health Perspectives</i> , 2005 , 113, 735-8	8.4	36
132	Characteristics, determinants, and spatial variations of ambient fungal levels in the subtropical Taipei metropolis. <i>Atmospheric Environment</i> , 2007 , 41, 2500-2509	5.3	35
131	Workers' exposures and potential health risks to air toxics in a petrochemical complex assessed by improved methodology. <i>International Archives of Occupational and Environmental Health</i> , 2006 , 79, 135-42	3.2	34
130	Comparison of Tail-Pipe Emissions from Motorcycles and Passenger Cars. <i>Journal of the Air and Waste Management Association</i> , 1995 , 45, 116-124	2.4	34
129	Vasoactive alteration and inflammation induced by polycyclic aromatic hydrocarbons and trace metals of vehicle exhaust particles. <i>Toxicology Letters</i> , 2012 , 214, 131-6	4.4	33
128	Effects of heat on workers' health and productivity in Taiwan. <i>Global Health Action</i> , 2009 , 2,	3	32
127	Occupational stress and burnout of lawyers. <i>Journal of Occupational Health</i> , 2009 , 51, 443-50	2.3	32
126	Simulation of long-range transport aerosols from the Asian Continent to Taiwan by a southward Asian high-pressure system. <i>Science of the Total Environment</i> , 2008 , 406, 168-79	10.2	32
125	Assessment of the levels of urinary 1-hydroxypyrene and air polycyclic aromatic hydrocarbon in PM2.5 for adult exposure to the petrochemical complex emissions. <i>Environmental Research</i> , 2015 , 136, 219-26	7.9	31
124	Land use patterns and SO2 and NO2 pollution in Ulaanbaatar, Mongolia. <i>Environmental Research</i> , 2013 , 124, 1-6	7.9	31
123	The association of ambient air pollution with airway inflammation in schoolchildren. <i>American Journal of Epidemiology</i> , 2012 , 175, 764-74	3.8	31
122	Associations between submicrometer particles exposures and blood pressure and heart rate in patients with lung function impairments. <i>Journal of Occupational and Environmental Medicine</i> , 2005 , 47, 1093-8	2	31
121	Students' exposure to volatile organic compounds while commuting by motorcycle and bus in Taipei City. <i>Journal of the Air and Waste Management Association</i> , 1993 , 43, 1231-8		31
120	Performing different kinds of physical exercise differentially attenuates the genetic effects on obesity measures: Evidence from 18,424 Taiwan Biobank participants. <i>PLoS Genetics</i> , 2019 , 15, e1008277	6	30
119	Temporal characteristics from continuous measurements of PM2.5 and speciation at the Taipei Aerosol Supersite from 2002 to 2008. <i>Atmospheric Environment</i> , 2010 , 44, 1088-1096	5.3	30
118	Association of heart rate variability of the elderly with personal exposure to PM 1, PM 1-2.5, and PM 2.5-10. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 79, 552-6	2.7	30
117	Health information system for community-based multiple screening in Keelung, Taiwan (Keelung Community-based Integrated Screening No. 3). <i>International Journal of Medical Informatics</i> , 2006 , 75, 369-83	5.3	30
116	Office workers' exposure to volatile organic compounds while commuting and working in Taipei City. <i>Atmospheric Environment</i> , 1994 , 28, 2351-2359	5.3	30

115	Gestational diabetes mellitus was related to ambient air pollutant nitric oxide during early gestation. <i>Environmental Research</i> , 2017 , 158, 318-323	7.9	29
114	Progress of ambient air pollution and cardiovascular disease research in Asia. <i>Progress in Cardiovascular Diseases</i> , 2011 , 53, 369-78	8.5	29
113	Respiratory symptoms of primary school children living in a petrochemical polluted area in Taiwan. <i>Pediatric Pulmonology</i> , 1998 , 25, 299-303	3.5	29
112	The effects of synoptical weather pattern and complex terrain on the formation of aerosol events in the Greater Taipei area. <i>Science of the Total Environment</i> , 2008 , 399, 128-46	10.2	29
111	Modeling horizontal and vertical variation in intraurban exposure to PM2.5 concentrations and compositions. <i>Environmental Research</i> , 2014 , 133, 96-102	7.9	28
110	Effects of personal particulate matter on peak expiratory flow rate of asthmatic children. <i>Science of the Total Environment</i> , 2007 , 382, 43-51	10.2	28
109	Respiratory symptoms among residents of a heavy-industry province in China: prevalence and risk factors. <i>Respiratory Medicine</i> , 2008 , 102, 1536-44	4.6	27
108	Increasing emergency room visits for stroke by elevated levels of fine particulate constituents. <i>Science of the Total Environment</i> , 2014 , 473-474, 446-50	10.2	26
107	Tracking hazardous air pollutants from a refinery fire by applying on-line and off-line air monitoring and back trajectory modeling. <i>Journal of Hazardous Materials</i> , 2013 , 261, 72-82	12.8	26
106	Governance matters: an ecological association between governance and child mortality. <i>International Health</i> , 2014 , 6, 249-57	2.4	26
105	Urinary levels of 1-hydroxypyrene in children residing near a coal-fired power plant. <i>Environmental Research</i> , 2011 , 111, 1185-91	7.9	26
104	Occupational stress and burnout of judges and procurators. <i>International Archives of Occupational and Environmental Health</i> , 2010 , 83, 133-42	3.2	26
103	Interaction effects of ultrafine carbon black with iron and nickel on heart rate variability in spontaneously hypertensive rats. <i>Environmental Health Perspectives</i> , 2007 , 115, 1012-7	8.4	26
102	Effectiveness of workstation design on reducing musculoskeletal risk factors and symptoms among semiconductor fabrication room workers. <i>International Journal of Industrial Ergonomics</i> , 2007 , 37, 35-42	2.9	26
101	A Double Triage and Telemedicine Protocol to Optimize Infection Control in an Emergency Department in Taiwan During the COVID-19 Pandemic: Retrospective Feasibility Study. <i>Journal of Medical Internet Research</i> , 2020 , 22, e20586	7.6	26
100	Association between nitrogen dioxide and heart rate variability in a susceptible population. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005 , 12, 580-586		26
99	A modified Nordic prediction model of road traffic noise in a Taiwanese city with significant motorcycle traffic. <i>Science of the Total Environment</i> , 2012 , 432, 375-81	10.2	25
98	A study of ground-level ozone pollution, ozone precursors and subtropical meteorological conditions in central Taiwan. <i>Journal of Environmental Monitoring</i> , 2008 , 10, 109-18		24

97	Assessing vanadium and arsenic exposure of people living near a petrochemical complex with two-stage dispersion models. <i>Journal of Hazardous Materials</i> , 2014 , 271, 98-107	12.8	23
96	The effects of transported Asian dust on the composition and concentration of ambient fungi in Taiwan. <i>International Journal of Biometeorology</i> , 2012 , 56, 211-9	3.7	23
95	Predicting personal exposure levels to carbon monoxide (CO) in Taipei, based on actual CO measurements in microenvironments and a Monte Carlo simulation method. <i>Atmospheric Environment</i> , 1994 , 28, 2361-2368	5.3	23
94	Cluster analysis of fine particulate matter (PM) emissions and its bioreactivity in the vicinity of a petrochemical complex. <i>Environmental Pollution</i> , 2018 , 236, 591-597	9.3	22
93	Spatiotemporal modeling with temporal-invariant variogram subgroups to estimate fine particulate matter PM2.5 concentrations. <i>Atmospheric Environment</i> , 2012 , 54, 1-8	5.3	22
92	Effects of occupational noise exposure on 24-hour ambulatory vascular properties in male workers. <i>Environmental Health Perspectives</i> , 2007 , 115, 1660-4	8.4	22
91	Effects of concentrated ambient particles on heart rate variability in spontaneously hypertensive rats. <i>Journal of Occupational Health</i> , 2005 , 47, 471-80	2.3	22
90	Associations between renal functions and exposure of arsenic and polycyclic aromatic hydrocarbon in adults living near a petrochemical complex. <i>Environmental Pollution</i> , 2020 , 256, 113457	9.3	22
89	Overlap of traditional bullying and cyberbullying and correlates of bullying among Taiwanese adolescents: a cross-sectional study. <i>BMC Public Health</i> , 2019 , 19, 1756	4.1	22
88	Urban air pollution increases plasma fibrinogen and plasminogen activator inhibitor-1 levels in susceptible patients. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006 , 13, 849-52		21
87	PCDD/Fs levels in indoor environments and blood of workers of three municipal waste incinerators in Taiwan. <i>Chemosphere</i> , 2004 , 55, 611-20	8.4	21
86	Transfer of dioxin risk between nine major municipal waste incinerators in Taiwan. <i>Environment International</i> , 2002 , 28, 103-10	12.9	21
85	Increased cancers among residents living in the neighborhood of a petrochemical complex: A 12-year retrospective cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 308-314	6.9	20
84	Effects of ambient particulate matter and fungal spores on lung function in schoolchildren. <i>Pediatrics</i> , 2011 , 127, e690-8	7.4	20
83	The distance-to-source trend in vanadium and arsenic exposures for residents living near a petrochemical complex. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016 , 26, 270-6	6.7	19
82	Association between dioxins/furans exposures and incinerator workers hepatic function and blood lipids. <i>Journal of Occupational and Environmental Medicine</i> , 2003 , 45, 601-8	2	19
81	Metabolic profiling of residents in the vicinity of a petrochemical complex. <i>Science of the Total Environment</i> , 2016 , 548-549, 260-269	10.2	19
80	Meteorological factors and ambient bacterial levels in a subtropical urban environment. <i>International Journal of Biometeorology</i> , 2012 , 56, 1001-9	3.7	18

79	Workplace air quality and lung function among dental laboratory technicians. <i>American Journal of Industrial Medicine</i> , 2006 , 49, 85-92	2.7	18
78	Training the next generation of global health experts: experiences and recommendations from Pacific Rim universities. <i>Globalization and Health</i> , 2016 , 12, 34	10	18
77	The influence of season and living environment on children's urinary 1-hydroxypyrene levels in Ulaanbaatar, Mongolia. <i>Environmental Research</i> , 2015 , 137, 170-5	7.9	17
76	Effects of concentrated ambient particles on heart rate, blood pressure, and cardiac contractility in spontaneously hypertensive rats during a dust storm event. <i>Inhalation Toxicology</i> , 2007 , 19, 973-8	2.7	17
75	Feasibility of tele-ophthalmology for screening for eye disease in remote communities. <i>Journal of Telemedicine and Telecare</i> , 2004 , 10, 337-41	6.8	17
74	Subject-domain approach to the study of air pollution effects on schoolchildren's illness absence. <i>American Journal of Epidemiology</i> , 2000 , 152, 67-74	3.8	17
73	The impact of the 2008 financial crisis on psychological work stress among financial workers and lawyers. <i>International Archives of Occupational and Environmental Health</i> , 2011 , 84, 445-52	3.2	16
72	Metabolomics of Children and Adolescents Exposed to Industrial Carcinogenic Pollutants. <i>Environmental Science & Technology</i> , 2019 , 53, 5454-5465	10.3	15
71	A 10-year follow-up study on suicidal mortality after 1999 Taiwan earthquake. <i>Journal of Psychiatric Research</i> , 2016 , 79, 42-49	5.2	15
70	Assessment of urinary thiodiglycolic acid exposure in school-aged children in the vicinity of a petrochemical complex in central Taiwan. <i>Environmental Research</i> , 2016 , 150, 566-572	7.9	15
69	Site Representativeness of Urban Air Monitoring Stations. <i>Journal of the Air and Waste Management Association</i> , 1996 , 46, 755-760	2.4	15
68	Receptor modeling of VOCs, CO, NO _x , and THC in Taipei. <i>Atmospheric Environment</i> , 1996 , 30, 25-33	5.3	15
67	Personal and indoor/outdoor nitrogen dioxide exposure assessments of 23 homes in Taiwan. <i>Toxicology and Industrial Health</i> , 1990 , 6, 173-82	1.8	15
66	Adult mortality of diseases and injuries attributable to selected metabolic, lifestyle, environmental, and infectious risk factors in Taiwan: a comparative risk assessment. <i>Population Health Metrics</i> , 2017 , 15, 17	3	14
65	The impact of petrochemical industrialisation on life expectancy and per capita income in Taiwan: an 11-year longitudinal study. <i>BMC Public Health</i> , 2014 , 14, 247	4.1	14
64	Association between nitrogen dioxide and heart rate variability in a susceptible population. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005 , 12, 580-6		14
63	Web Server for Peak Detection, Baseline Correction, and Alignment in Two-Dimensional Gas Chromatography Mass Spectrometry-Based Metabolomics Data. <i>Analytical Chemistry</i> , 2016 , 88, 10395-10403	7.8	14
62	Association Between Long-term Exposure to Traffic-related Air Pollution and Inflammatory and Thrombotic Markers in Middle-aged Adults. <i>Epidemiology</i> , 2017 , 28 Suppl 1, S74-S81	3.1	13

61	Is the reporting timeliness gap for avian flu and H1N1 outbreaks in global health surveillance systems associated with country transparency?. <i>Globalization and Health</i> , 2013 , 9, 14	10	13
60	Using pollution roses to assess sulfur dioxide impacts in a township downwind of a petrochemical complex. <i>Journal of the Air and Waste Management Association</i> , 2013 , 63, 702-11	2.4	13
59	Association between air pollution exposure and diabetic retinopathy among diabetics. <i>Environmental Research</i> , 2020 , 181, 108960	7.9	13
58	Regulation of fine particulate matter (PM2.5) in the Pacific Rim: perspectives from the APRU Global Health Program. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 1039-1049	5.6	12
57	Applying the global positioning system and google earth to evaluate the accessibility of birth services for pregnant women in northern Malawi. <i>Journal of Midwifery and Women's Health</i> , 2011 , 56, 68-74	2.2	12
56	Association between urinary thiodiglycolic acid level and hepatic function or fibrosis index in school-aged children living near a petrochemical complex. <i>Environmental Pollution</i> , 2019 , 244, 648-656	9.3	12
55	Source apportionment of mass concentration and inhalation risk with long-term ambient PCDD/Fs measurements in an urban area. <i>Journal of Hazardous Materials</i> , 2016 , 317, 180-187	12.8	11
54	Application of Positive Matrix Factorization in the Identification of the Sources of PM in Taipei City. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	11
53	Reduction of cooking oil fume exposure following an engineering intervention in Chinese restaurants. <i>Occupational and Environmental Medicine</i> , 2011 , 68, 10-5	2.1	11
52	Relationship between indoor nicotine concentrations, time-activity data, and urine cotinine-creatinine ratios in evaluating children's exposure to environmental tobacco smoke. <i>Archives of Environmental Health</i> , 1995 , 50, 230-4		11
51	Fine particulate matter results in hemodynamic changes in subjects with blunted nocturnal blood pressure dipping. <i>Environmental Research</i> , 2014 , 131, 1-5	7.9	10
50	Effects of concentrated ambient particles on airway responsiveness and pulmonary inflammation in pulmonary hypertensive rats. <i>Inhalation Toxicology</i> , 2004 , 16, 785-92	2.7	10
49	Validation of ozone precursor measurement through inter-comparison with NOx and CO measurement. <i>Atmospheric Environment</i> , 2002 , 36, 3041-3047	5.3	10
48	Air Pollution Mix and Emergency Room Visits for Respiratory and Cardiac Diseases in Taipei. <i>Journal of Data Science</i> , 2004 , 2, 311-327	2.1	10
47	The risk factors and quality of life in children with allergic rhinitis in relation to seasonal attack patterns. <i>Paediatric and Perinatal Epidemiology</i> , 2012 , 26, 146-55	2.7	9
46	Temporal and Spatial Variations in Ambient Air Quality during 1996-2009 in Bangkok, Thailand. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1741-1754	4.6	9
45	Sampling strategies for occupational exposure assessment under generalized linear model. <i>Annals of Occupational Hygiene</i> , 2009 , 53, 509-21		8
44	Computational Fluid Dynamics Simulation of Air Exhaust Dispersion From Negative Isolation Wards of Hospitals. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2011 , 5, 276-285	4.5	7

43	Redundant Measurements of Urban Air Monitoring Networks in Air Quality Reporting. <i>Journal of the Air and Waste Management Association</i> , 1997 , 47, 614-619	2.4	7
42	The effectiveness of continuing training for traditional birth attendants on their reproductive health-care knowledge and performance. <i>Midwifery</i> , 2011 , 27, 648-53	2.8	6
41	Quantification of toxic hydrocarbon target compounds in engine exhaust and air by aluminum oxide porous-layer open-tubular capillary gas chromatography-mass spectrometry using isotopically labeled internal standards. <i>Journal of Chromatography A</i> , 1996 , 731, 217-224	4.5	6
40	An Index for Lifting Social Distancing During the COVID-19 Pandemic: Algorithm Recommendation for Lifting Social Distancing. <i>Journal of Medical Internet Research</i> , 2020 , 22, e22469	7.6	6
39	Risk stratification for gastric cancer after Helicobacter pylori eradication: A population-based study on Matsu Islands. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 671-679	4	6
38	Health impact assessment of PM from a planned coal-fired power plant in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2019 , 118, 1494-1503	3.2	5
37	Increased cancer incidence of Changhua residents living in Taisi Village north to the No. 6 Naphtha Cracking Complex. <i>Journal of the Formosan Medical Association</i> , 2018 , 117, 1101-1107	3.2	5
36	Volatile organic compounds in water near petrochemical factories in Taiwan. <i>Chemosphere</i> , 1996 , 33, 913-920	8.4	5
35	The indoor/outdoor relationship of acid aerosols in Taipei. <i>Science of the Total Environment</i> , 1994 , 153, 267-273	10.2	5
34	The Bayesian Susceptible-Exposed-Infected-Recovered model for the outbreak of COVID-19 on the Diamond Princess Cruise Ship. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021 , 35, 1-15	3.5	5
33	Relationship between renal function and metal exposure of residents living near the No. 6 Naphtha Cracking Complex: A cross-sectional study. <i>Journal of the Formosan Medical Association</i> , 2021 , 120, 1845-1854	3.2	5
32	Liver fibrosis associated with potential vinyl chloride and ethylene dichloride exposure from the petrochemical industry. <i>Science of the Total Environment</i> , 2020 , 739, 139920	10.2	4
31	Associations of soluble metals and lung and liver toxicity in mice induced by fine particulate matter originating from a petrochemical complex. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 34442-34452	5.1	4
30	Emission-related Heavy Metal Associated with Oxidative Stress in Children: Effect of Antioxidant Intake. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
29	Grand rounds: outbreak of hematologic abnormalities in a community of people exposed to leakage of fire extinguisher gas. <i>Environmental Health Perspectives</i> , 2006 , 114, 1713-7	8.4	4
28	Sex-specific autosomal genetic effects across 26 human complex traits. <i>Human Molecular Genetics</i> , 2020 , 29, 1218-1228	5.6	4
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