

Chang-Chuan Chan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5993255/chang-chuan-chan-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 association of hypertension and prehypertension with greenness and PM in urban environment.. <i>Science of the Total Environment</i> , 2022 , 821, 153526	10.2	0
185	Characteristics of neonicotinoid and metabolite residues in Taiwanese tea leaves. <i>Journal of the Science of Food and Agriculture</i> , 2022 , 102, 341-349	4.3	3
184	Comparison of the PCB serum levels among mother-child pairs in areas of Eastern Japan and Central Taiwan. <i>Science of the Total Environment</i> , 2022 , 806, 150272	10.2	0
183	A matter of trust: a qualitative comparison of the determinants of COVID-19 vaccine hesitancy in Taiwan, the United States, the Netherlands, and Haiti.. <i>Human Vaccines and Immunotherapeutics</i> , 2022 , 1-10	4.4	2
182	"I Knew I Should Stop, but I Couldn't Control Myself": A Qualitative Study to Explore the Factors Influencing Adolescents' Consumption of Sugar-Sweetened Beverages and Sugary Snacks from a Socioecological Perspective.. <i>Public Health Nutrition</i> , 2022 , 1-30	3.3	0
181	Open space and adult's chronic kidney disease, overweight and diabetes in the metropolitan area of New Taipei City. <i>Journal of the Formosan Medical Association</i> , 2021 ,	3.2	1
180	Air-polluted environmental heavy metal exposure increase lung cancer incidence and mortality: A population-based longitudinal cohort study. <i>Science of the Total Environment</i> , 2021 , 810, 152186	10.2	1
179	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
178	Mortality, morbidity, and risk factors in Taiwan, 1990-2017: findings from the Global Burden of Disease Study 2017. <i>Journal of the Formosan Medical Association</i> , 2021 , 120, 1340-1349	3.2	1
177	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
176	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
175	Exposures and health impact for bicycle and electric scooter commuters in Taipei. <i>Transportation Research, Part D: Transport and Environment</i> , 2021 , 91, 102696	6.4	2
174	Assessment of the hyperlipidemia risk for residents exposed to potential emitted metals in the vicinity of a petrochemical complex. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 27966-27975	5.1	1
173	Lipidomics of children and adolescents exposed to multiple industrial pollutants. <i>Environmental Research</i> , 2021 , 201, 111448	7.9	3
172	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
171	Association of Ambient Fine Particulate Matter (PM) with Elevated Fecal Hemoglobin Concentration and Colorectal Carcinogenesis: A Population-Based Retrospective Cohort Study. <i>Cancer Control</i> , 2021 , 28, 10732748211041232	2.2	2
170	Using Genetic Risk Score Approaches to Infer Whether an Environmental Factor Attenuates or Exacerbates the Adverse Influence of a Candidate Gene. <i>Frontiers in Genetics</i> , 2020 , 11, 331	4.5	0

169	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
168	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, 34442-34454	5.1	4
167	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
166	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
165	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
164	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
163	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
162	Association between air pollution exposure and diabetic retinopathy among diabetics. <i>Environmental Research</i> , 2020 , 181, 108960	7.9	13
161	Association between faecal haemoglobin concentration and the risk of cardiovascular diseases among Taiwanese adults in a community-based screening cohort. <i>BMJ Open</i> , 2020 , 10, e032633	3	2
160	A randomized, double-blind water taste test to evaluate the equivalence of taste between tap water and filtered water in the Taipei metropolis. <i>Scientific Reports</i> , 2020 , 10, 13387	4.9	2
159	Sex-specific autosomal genetic effects across 26 human complex traits. <i>Human Molecular Genetics</i> , 2020 , 29, 1218-1228	5.6	4
158	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
157	"I felt angry, but I couldn't do anything about it": a qualitative study of cyberbullying among Taiwanese high school students. <i>BMC Public Health</i> , 2019 , 19, 654	4.1	3
156	Metabolomics of Children and Adolescents Exposed to Industrial Carcinogenic Pollutants. <i>Environmental Science & Technology</i> , 2019 , 53, 5454-5465	10.3	15
155	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
154	Urban Open Space Is Associated with Better Renal Function of Adult Residents in New Taipei City. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	3
153	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
152	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

151	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
150	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
149	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
148	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
147	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
146	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
145	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
144	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
143	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
142	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
141	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
140	Regulation of fine particulate matter (PM _{2.5}) 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
139	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
138	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
137	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
136	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
135	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
134	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

133	Ambient air pollution and risk of tuberculosis: a cohort study. <i>Occupational and Environmental Medicine</i> , 2016 , 73, 56-61	2.1	59
132	Glycemic Control and the Risk of Tuberculosis: A Cohort Study. <i>PLoS Medicine</i> , 2016 , 13, e1002072	11.6	48
131	Increased Risk of Respiratory Mortality Associated with the High-Tech Manufacturing Industry: A 26-Year Study. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	3
130	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
129	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
128	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
127	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
126	Air Pollution and Health in Taiwan 2016 , 47-64		
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	A case-crossover analysis of forest fire haze events and mortality in Malaysia. <i>Atmospheric Environment</i> , 2014 , 96, 257-265	5.3	62
117	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
116	Land use regression models for estimating individual NOx and NO2 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

115	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
114	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
113	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
112	Current asthma in schoolchildren is related to fungal spores in classrooms. <i>Chest</i> , 2014 , 146, 123-134	5.3	42
111	Governance matters: an ecological association between governance and child mortality. <i>International Health</i> , 2014 , 6, 249-57	2.4	26
110	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
109	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
108	Land use patterns and SO2 and NO2 pollution in Ulaanbaatar, Mongolia. <i>Environmental Research</i> , 2013 , 124, 1-6	7.9	31
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	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
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	The influence of emission sources and meteorological conditions on SO2 pollution in Mongolia. <i>Atmospheric Environment</i> , 2012 , 61, 542-549	5.3	39

97	Meteorological factors and ambient bacterial levels in a subtropical urban environment. <i>International Journal of Biometeorology</i> , 2012 , 56, 1001-9	3.7	18
96	Asian forum on environmental health policy: challenges and perspectives of environmental health problems in the region in the next 30 years. <i>Environmental Health and Preventive Medicine</i> , 2012 , 17, 170-2	4.2	1
95	The association of ambient air pollution with airway inflammation in schoolchildren. <i>American Journal of Epidemiology</i> , 2012 , 175, 764-74	3.8	31
94	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
93	Short-term effects of air pollution on pulse pressure among nonsmoking adults. <i>Epidemiology</i> , 2012 , 23, 341-8	3.1	40
92	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
91	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
90	C-reactive protein and particulate matter predict plasma fibrinogen levels. <i>International Journal of Cardiology</i> , 2011 , 153, 100-1	3.2	3
89	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
88	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
87	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
86	Progress of ambient air pollution and cardiovascular disease research in Asia. <i>Progress in Cardiovascular Diseases</i> , 2011 , 53, 369-78	8.5	29
85	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
84	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
83	A Fukushima-Like Nuclear Crisis in Taiwan or a Nonnuclear Taiwan?. <i>East Asian Science, Technology and Society</i> , 2011 , 5, 403-407	0.7	3
82	Effects of ambient particulate matter and fungal spores on lung function in schoolchildren. <i>Pediatrics</i> , 2011 , 127, e690-8	7.4	20
81	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
80	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

79	Occupational stress and burnout of judges and procurators. <i>International Archives of Occupational and Environmental Health</i> , 2010 , 83, 133-42	3.2	26
78	Traffic-related air pollution and cardiovascular mortality in central Taiwan. <i>Science of the Total Environment</i> , 2010 , 408, 1818-23	10.2	59
77	Temporal characteristics from continuous measurements of PM _{2.5} and speciation at the Taipei Aerosol Supersite from 2002 to 2008. <i>Atmospheric Environment</i> , 2010 , 44, 1088-1096	5.3	30
76	Effects of heat on workers' health and productivity in Taiwan. <i>Global Health Action</i> , 2009 , 2,	3	32
75	Sampling strategies for occupational exposure assessment under generalized linear model. <i>Annals of Occupational Hygiene</i> , 2009 , 53, 509-21		8
74	Occupational stress and burnout of lawyers. <i>Journal of Occupational Health</i> , 2009 , 51, 443-50	2.3	32
73	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
72	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
71	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
70	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
69	Increasing cardiopulmonary emergency visits by long-range transported Asian dust storms in Taiwan. <i>Environmental Research</i> , 2008 , 106, 393-400	7.9	133
68	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
67	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
66	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
65	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
64	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
63	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
62	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

61	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
60	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
59	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
58	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
57	Ecological association between asbestos-related diseases and historical asbestos consumption: an international analysis. <i>Lancet, The</i> , 2007 , 369, 844-849	40	167
56	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
55	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
54	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
53	Workplace air quality and lung function among dental laboratory technicians. <i>American Journal of Industrial Medicine</i> , 2006 , 49, 85-92	2.7	18
52	Urban air pollution and emergency admissions for cerebrovascular diseases in Taipei, Taiwan. <i>European Heart Journal</i> , 2006 , 27, 1238-44	9.5	100
51	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
50	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
49	Taiwan and the global outbreak alert and response network. <i>Lancet, The</i> , 2006 , 367, 1901-2	40	2
48	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	2.2	34
47	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
46	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
45	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
44	Reduction of post-shift traffic injuries among gasoline station workers: Are they related to the reduction of occupational gasoline vapor exposure?. <i>Accident Analysis and Prevention</i> , 2005 , 37, 956-61	6.1	3

43	Effects of ambient ozone exposure on mail carriers' peak expiratory flow rates. <i>Environmental Health Perspectives</i> , 2005 , 113, 735-8	8.4	36
42	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
41	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
40	Saved by a material safety data sheet. <i>Occupational Medicine</i> , 2005 , 55, 635-7	2.1	1
39	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
38	Personal exposure to submicrometer particles and heart rate variability in human subjects. <i>Environmental Health Perspectives</i> , 2004 , 112, 1063-7	8.4	86
37	Occupational risk assessment on allergic contact dermatitis in a resin model making process. <i>Journal of Occupational Health</i> , 2004 , 46, 148-52	2.3	2
36	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
35	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
34	Community-based multiple screening model: design, implementation, and analysis of 42,387 participants. <i>Cancer</i> , 2004 , 100, 1734-43	6.4	131
33	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
32	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
31	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
30	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
29	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
28	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
27	Effects of occupational noise exposure on blood pressure. <i>Journal of Occupational and Environmental Medicine</i> , 2003 , 45, 1289-96	2	44
26	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

25	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
24	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
23	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
22	Validation of ozone precursor measurement through inter-comparison with NOx and CO measurement. <i>Atmospheric Environment</i> , 2002 , 36, 3041-3047	5.3	10
21	Hwang and Chan Respond to "Air Pollution and Health" by Dominici. <i>American Journal of Epidemiology</i> , 2002 , 155, 16-16	3.8	2
20	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
19	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
18	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
17	Transfer of dioxin risk between nine major municipal waste incinerators in Taiwan. <i>Environment International</i> , 2002 , 28, 103-10	12.9	21
16	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
15	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
14	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
13	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
12	Site Representativeness of Urban Air Monitoring Stations. <i>Journal of the Air and Waste Management Association</i> , 1996 , 46, 755-760	2.4	15
11	Volatile organic compounds in water near petrochemical factories in Taiwan. <i>Chemosphere</i> , 1996 , 33, 913-920	8.4	5
10	Receptor modeling of VOCs, CO, NOx, and THC in Taipei. <i>Atmospheric Environment</i> , 1996 , 30, 25-33	5.3	15
9	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
8	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

7	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
6	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
5	Office workers's exposure to volatile organic compounds while commuting and working in Taipei City. <i>Atmospheric Environment</i> , 1994 , 28, 2351-2359	5.3	30
4	The indoor/outdoor relationship of acid aerosols in Taipei. <i>Science of the Total Environment</i> , 1994 , 153, 267-273	10.2	5
3	Student's 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
2	Commuter exposures to VOCs in Boston, Massachusetts. <i>Journal of the Air and Waste Management Association</i> , 1991 , 41, 1594-600		80
1	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