Chia-Pin Chio

List of Publications by Year
in descending order

54	1,268	361413	377865
papers	citations	20 h-index	34 g-index

55	55	55	1933
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lagged temperature effect with mosquito transmission potential explains dengue variability in southern Taiwan: Insights from a statistical analysis. Science of the Total Environment, 2010, 408, 4069-4075.	8.0	118
2	Assessing hazardous risks of human exposure to temple airborne polycyclic aromatic hydrocarbons. Journal of Hazardous Materials, 2009, 166, 676-685.	12.4	114
3	Lung cancer risk in relation to traffic-related nano/ultrafine particle-bound PAHs exposure: A preliminary probabilistic assessment. Journal of Hazardous Materials, 2011, 190, 150-158.	12.4	82
4	The Association between Enterovirus 71 Infections and Meteorological Parameters in Taiwan. PLoS ONE, 2012, 7, e46845.	2.5	69
5	Source apportionment to PM10 in different air quality conditions for Taichung urban and coastal areas, Taiwan. Atmospheric Environment, 2004, 38, 6893-6905.	4.1	60
6	Assessing the potential risks to zebrafish posed by environmentally relevant copper and silver nanoparticles. Science of the Total Environment, 2012, 420, 111-118.	8.0	59
7	Assessing the airborne titanium dioxide nanoparticle-related exposure hazard at workplace. Journal of Hazardous Materials, 2009, 162, 57-65.	12.4	54
8	Viral kinetics and exhaled droplet size affect indoor transmission dynamics of influenza infection. Indoor Air, 2009, 19, 401-413.	4.3	49
9	Model-based assessment for human inhalation exposure risk to airborne nano/fine titanium dioxide particles. Science of the Total Environment, 2008, 407, 165-177.	8.0	47
10	Assessing the potential exposure risk and control for airborne titanium dioxide and carbon black nanoparticles in the workplace. Environmental Science and Pollution Research, 2011, 18, 877-889.	5.3	42
11	Assessing trends and predictors of tuberculosis in Taiwan. BMC Public Health, 2012, 12, 29.	2.9	38
12	Assessment of atmospheric ultrafine carbon particle-induced human health risk based on surface area dosimetry. Atmospheric Environment, 2008, 42, 8575-8584.	4.1	33
13	Quantification on the source/receptor relationship of primary pollutants and secondary aerosols by a Gaussian plume trajectory model: Part II. Case study. Atmospheric Environment, 2003, 37, 3993-4006.	4.1	31
14	Metal stresses affect the population dynamics of disease transmission in aquaculture species. Aquaculture, 2006, 257, 321-332.	3.5	28
15	Cluster analysis of fine particulate matter (PM2.5) emissions and its bioreactivity in the vicinity of a petrochemical complex. Environmental Pollution, 2018, 236, 591-597.	7.5	26
16	Oxidative stress risk analysis for exposure to diesel exhaust particle-induced reactive oxygen species. Science of the Total Environment, 2007, 387, 113-127.	8.0	25
17	Compositions and source apportionments of atmospheric aerosol during Asian dust storm and local pollution in central Taiwan. Journal of Atmospheric Chemistry, 2008, 61, 155-173.	3.2	25
18	Low-cost farmed shrimp shells could remove arsenic from solutions kinetically. Journal of Hazardous Materials, 2009, 171, 859-864.	12.4	25

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19	Assessing vanadium and arsenic exposure of people living near a petrochemical complex with two-stage dispersion models. Journal of Hazardous Materials, 2014, 271, 98-107.	12.4	25
20	The distance-to-source trend in vanadium and arsenic exposures for residents living near a petrochemical complex. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 270-276.	3.9	25
21	Fluctuation analysis-based risk assessment for respiratory virus activity and air pollution associated asthma incidence. Science of the Total Environment, 2011, 409, 3325-3333.	8.0	22
22	Assessing coughing-induced influenza droplet transmission and implications for infection risk control. Epidemiology and Infection, 2016, 144, 333-345.	2.1	22
23	Influenza-associated morbidity in subtropical Taiwan. International Journal of Infectious Diseases, 2009, 13, 589-599.	3.3	19
24	Health risk assessment for residents exposed to atmospheric diesel exhaust particles in southern region of Taiwan. Atmospheric Environment, 2014, 85, 64-72.	4.1	18
25	Regulation of fine particulate matter (PM2.5) in the Pacific Rim: perspectives from the APRU Global Health Program. Air Quality, Atmosphere and Health, 2017, 10, 1039-1049.	3.3	17
26	Assessing airborne PM-bound arsenic exposure risk in semiconductor manufacturing facilities. Journal of Hazardous Materials, 2009, 167, 976-986.	12.4	16
27	Quantitative Links Between Arsenic Exposure and Influenza A (H1N1) Infectionâ€Associated Lung Function Exacerbations Risk. Risk Analysis, 2011, 31, 1281-1294.	2.7	15
28	Temporal and Spatial Variations in Ambient Air Quality during 1996-2009 in Bangkok, Thailand. Aerosol and Air Quality Research, 2013, 13, 1741-1754.	2.1	15
29	Source apportionment of mass concentration and inhalation risk with long-term ambient PCDD/Fs measurements in an urban area. Journal of Hazardous Materials, 2016, 317, 180-187.	12.4	14
30	Modeling human health risks of airborne endotoxin in homes during the winter and summer seasons. Science of the Total Environment, 2010, 408, 1530-1537.	8.0	11
31	A Probabilistic Transmission and Population Dynamic Model to Assess Tuberculosis Infection Risk. Risk Analysis, 2012, 32, 1420-1432.	2.7	11
32	Health impact assessment of PM2.5 from a planned coal-fired power plant in Taiwan. Journal of the Formosan Medical Association, 2019, 118, 1494-1503.	1.7	11
33	Understanding influenza virus-specific epidemiological properties by analysis of experimental human infections. Epidemiology and Infection, 2010, 138, 825-835.	2.1	10
34	A probabilistic approach to quantitatively assess the inhalation risk for airborne endotoxin in cotton textile workers. Journal of Hazardous Materials, 2010, 177, 103-108.	12.4	10
35	Use of Seasonal Influenza Virus Titer and Respiratory Symptom Score to Estimate Effective Human Contact Rates. Journal of Epidemiology, 2012, 22, 353-363.	2.4	10
36	Probabilistic framework for assessing the arsenic exposure risk from cooked fish consumption. Environmental Geochemistry and Health, 2014, 36, 1115-1128.	3.4	10

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37	Risk-Based Probabilistic Approach to Assess the Impact of False Mussel Invasions on Farmed Hard Clams. Risk Analysis, 2010, 30, 310-323.	2.7	9
38	Probabilistic integrated risk assessment of human exposure risk to environmental bisphenol A pollution sources. Environmental Science and Pollution Research, 2016, 23, 19897-19910.	5.3	8
39	Assessing dengue infection risk in the southern region of Taiwan: implications for control. Epidemiology and Infection, 2015, 143, 1059-1072.	2.1	7
40	Increased cancer incidence of Changhua residents living in Taisi Village north to the No. 6 Naphtha Cracking Complex. Journal of the Formosan Medical Association, 2018, 117, 1101-1107.	1.7	7
41	Using experimental human influenza infections to validate a viral dynamic model and the implications for prediction. Epidemiology and Infection, 2012, 140, 1557-1568.	2.1	6
42	Quantitative estimation of excess mortality for drivers and passengers exposed to particulate matters in long-distance buses. Atmospheric Environment, 2012, 51, 260-267.	4.1	6
43	Associations of soluble metals and lung and liver toxicity in mice induced by fine particulate matter originating from a petrochemical complex. Environmental Science and Pollution Research, 2020, 27, 34442-34452.	5.3	6
44	Response to â€œLetter to Editor: Errors and misunderstandings invalidate estimates of titanium dioxide inhalation riskâ€• Science of the Total Environment, 2010, 408, 2175-2178.	8.0	4
45	Carbonaceous Aerosol Measurements at Coastal, Urban, and Inland Sites in Central Taiwan. Environmental Forensics, 2009, 10, 7-17.	2.6	3
46	Empirical Models to Predict Parsimoniously the Mass and Number Concentrations of Ultrafine Particulate in Ambient Atmosphere. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 688-692.	2.7	1
47	Assessing the Exacerbations Risk of Influenza-Associated Chronic Occupational Asthma. Risk Analysis, 2010, 30, 1062-1075.	2.7	1
48	Response to â€œLetter to Editor: Inappropriate exposure data and misleading calculations invalidate the estimates of health risk for airborne titanium dioxide and carbon black nanoparticle exposures in the workplaceâ€• Environmental Science and Pollution Research, 2012, 19, 1328-1329.	5.3	1
49	Patterns and Sources of PM10 in the Ecologically Sensitive Himalayan Region in Himachal Pradesh, India. Aerosol and Air Quality Research, 2019, , .	2.1	1
50	County-Wide Mortality Assessments Attributable to PM2.5 Emissions from Coal Consumption in Taiwan. International Journal of Environmental Research and Public Health, 2022, 19, 1599.	2.6	1
51	Response to â€œLetter to Editor: Multiple errors made by authors result in a huge overestimation of potential exposure to particles in the size range 10â€“30nm in TiO2 nanoparticle production facilitiesâ€• Journal of Hazardous Materials, 2010, 182, 941-942.	12.4	0
52	Response to â€œDr. Luca Gianniniâ€™s Letter to the Editorâ€• Environmental Science and Pollution Research, 2012, 19, 1331-1331.	5.3	0
53	Response to â€œLetter to editor re: Ling et al. 2011 (Environ Sci Pollut Res Int 18(6): 877â€“889)â€• Environmental Science and Pollution Research, 2012, 19, 1867-1868.	5.3	0
54	Air Pollution and Health in Taiwan. , 2016, , 47-64.		0