

Chia-Pin Chio

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,268
citations

361413

20
h-index

377865

34
g-index

55
all docs

55
docs citations

55
times ranked

1933
citing authors

#	ARTICLE	IF	CITATIONS
1	County-Wide Mortality Assessments Attributable to PM2.5 Emissions from Coal Consumption in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1599.	2.6	1
2	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.	5.3	6
3	Health impact assessment of PM2.5 from a planned coal-fired power plant in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1494-1503.	1.7	11
4	Patterns and Sources of PM10 in the Ecologically Sensitive Himalayan Region in Himachal Pradesh, India. <i>Aerosol and Air Quality Research</i> , 2019, , .	2.1	1
5	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.	1.7	7
6	Cluster analysis of fine particulate matter (PM2.5) emissions and its bioreactivity in the vicinity of a petrochemical complex. <i>Environmental Pollution</i> , 2018, 236, 591-597.	7.5	26
7	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.	3.3	17
8	Assessing coughing-induced influenza droplet transmission and implications for infection risk control. <i>Epidemiology and Infection</i> , 2016, 144, 333-345.	2.1	22
9	Air Pollution and Health in Taiwan. , 2016, , 47-64.		0
10	Probabilistic integrated risk assessment of human exposure risk to environmental bisphenol A pollution sources. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19897-19910.	5.3	8
11	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.	12.4	14
12	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, 270-276.	3.9	25
13	Assessing dengue infection risk in the southern region of Taiwan: implications for control. <i>Epidemiology and Infection</i> , 2015, 143, 1059-1072.	2.1	7
14	Probabilistic framework for assessing the arsenic exposure risk from cooked fish consumption. <i>Environmental Geochemistry and Health</i> , 2014, 36, 1115-1128.	3.4	10
15	Health risk assessment for residents exposed to atmospheric diesel exhaust particles in southern region of Taiwan. <i>Atmospheric Environment</i> , 2014, 85, 64-72.	4.1	18
16	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.	12.4	25
17	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.	2.1	15
18	Using experimental human influenza infections to validate a viral dynamic model and the implications for prediction. <i>Epidemiology and Infection</i> , 2012, 140, 1557-1568.	2.1	6

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19	Use of Seasonal Influenza Virus Titer and Respiratory Symptom Score to Estimate Effective Human Contact Rates. <i>Journal of Epidemiology</i> , 2012, 22, 353-363.	2.4	10
20	Response to "Letter 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 workplace". <i>Environmental Science and Pollution Research</i> , 2012, 19, 1328-1329.	5.3	1
21	Response to "Dr. Luca Giannini's Letter to the Editor". <i>Environmental Science and Pollution Research</i> , 2012, 19, 1331-1331.	5.3	0
22	Response to "Letter to editor re: Ling et al. 2011 (Environ Sci Pollut Res Int 18(6): 877-889)". <i>Environmental Science and Pollution Research</i> , 2012, 19, 1867-1868.	5.3	0
23	A Probabilistic Transmission and Population Dynamic Model to Assess Tuberculosis Infection Risk. <i>Risk Analysis</i> , 2012, 32, 1420-1432.	2.7	11
24	Quantitative estimation of excess mortality for drivers and passengers exposed to particulate matters in long-distance buses. <i>Atmospheric Environment</i> , 2012, 51, 260-267.	4.1	6
25	Assessing the potential risks to zebrafish posed by environmentally relevant copper and silver nanoparticles. <i>Science of the Total Environment</i> , 2012, 420, 111-118.	8.0	59
26	Assessing trends and predictors of tuberculosis in Taiwan. <i>BMC Public Health</i> , 2012, 12, 29.	2.9	38
27	The Association between Enterovirus 71 Infections and Meteorological Parameters in Taiwan. <i>PLoS ONE</i> , 2012, 7, e46845.	2.5	69
28	Quantitative Links Between Arsenic Exposure and Influenza A (H1N1) Infection-Associated Lung Function Exacerbations Risk. <i>Risk Analysis</i> , 2011, 31, 1281-1294.	2.7	15
29	Fluctuation analysis-based risk assessment for respiratory virus activity and air pollution associated asthma incidence. <i>Science of the Total Environment</i> , 2011, 409, 3325-3333.	8.0	22
30	Lung cancer risk in relation to traffic-related nano/ultrafine particle-bound PAHs exposure: A preliminary probabilistic assessment. <i>Journal of Hazardous Materials</i> , 2011, 190, 150-158.	12.4	82
31	Assessing the potential exposure risk and control for airborne titanium dioxide and carbon black nanoparticles in the workplace. <i>Environmental Science and Pollution Research</i> , 2011, 18, 877-889.	5.3	42
32	Understanding influenza virus-specific epidemiological properties by analysis of experimental human infections. <i>Epidemiology and Infection</i> , 2010, 138, 825-835.	2.1	10
33	Modeling human health risks of airborne endotoxin in homes during the winter and summer seasons. <i>Science of the Total Environment</i> , 2010, 408, 1530-1537.	8.0	11
34	Response to "Letter to Editor: Errors and misunderstandings invalidate estimates of titanium dioxide inhalation risk". <i>Science of the Total Environment</i> , 2010, 408, 2175-2178.	8.0	4
35	Lagged temperature effect with mosquito transmission potential explains dengue variability in southern Taiwan: Insights from a statistical analysis. <i>Science of the Total Environment</i> , 2010, 408, 4069-4075.	8.0	118
36	A probabilistic approach to quantitatively assess the inhalation risk for airborne endotoxin in cotton textile workers. <i>Journal of Hazardous Materials</i> , 2010, 177, 103-108.	12.4	10

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37	Response to "Letter to Editor: Multiple errors made by authors result in a huge overestimation of potential exposure to particles in the size range 10–30nm in TiO ₂ nanoparticle production facilities". <i>Journal of Hazardous Materials</i> , 2010, 182, 941-942.	12.4	0
38	Risk-Based Probabilistic Approach to Assess the Impact of False Mussel Invasions on Farmed Hard Clams. <i>Risk Analysis</i> , 2010, 30, 310-323.	2.7	9
39	Assessing the Exacerbations Risk of Influenza-Associated Chronic Occupational Asthma. <i>Risk Analysis</i> , 2010, 30, 1062-1075.	2.7	1
40	Empirical Models to Predict Parsimoniously the Mass and Number Concentrations of Ultrafine Particulate in Ambient Atmosphere. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 688-692.	2.7	1
41	Viral kinetics and exhaled droplet size affect indoor transmission dynamics of influenza infection. <i>Indoor Air</i> , 2009, 19, 401-413.	4.3	49
42	Assessing the airborne titanium dioxide nanoparticle-related exposure hazard at workplace. <i>Journal of Hazardous Materials</i> , 2009, 162, 57-65.	12.4	54
43	Assessing hazardous risks of human exposure to temple airborne polycyclic aromatic hydrocarbons. <i>Journal of Hazardous Materials</i> , 2009, 166, 676-685.	12.4	114
44	Assessing airborne PM-bound arsenic exposure risk in semiconductor manufacturing facilities. <i>Journal of Hazardous Materials</i> , 2009, 167, 976-986.	12.4	16
45	Low-cost farmed shrimp shells could remove arsenic from solutions kinetically. <i>Journal of Hazardous Materials</i> , 2009, 171, 859-864.	12.4	25
46	Carbonaceous Aerosol Measurements at Coastal, Urban, and Inland Sites in Central Taiwan. <i>Environmental Forensics</i> , 2009, 10, 7-17.	2.6	3
47	Influenza-associated morbidity in subtropical Taiwan. <i>International Journal of Infectious Diseases</i> , 2009, 13, 589-599.	3.3	19
48	Compositions and source apportionments of atmospheric aerosol during Asian dust storm and local pollution in central Taiwan. <i>Journal of Atmospheric Chemistry</i> , 2008, 61, 155-173.	3.2	25
49	Assessment of atmospheric ultrafine carbon particle-induced human health risk based on surface area dosimetry. <i>Atmospheric Environment</i> , 2008, 42, 8575-8584.	4.1	33
50	Model-based assessment for human inhalation exposure risk to airborne nano/fine titanium dioxide particles. <i>Science of the Total Environment</i> , 2008, 407, 165-177.	8.0	47
51	Oxidative stress risk analysis for exposure to diesel exhaust particle-induced reactive oxygen species. <i>Science of the Total Environment</i> , 2007, 387, 113-127.	8.0	25
52	Metal stresses affect the population dynamics of disease transmission in aquaculture species. <i>Aquaculture</i> , 2006, 257, 321-332.	3.5	28
53	Source apportionment to PM ₁₀ in different air quality conditions for Taichung urban and coastal areas, Taiwan. <i>Atmospheric Environment</i> , 2004, 38, 6893-6905.	4.1	60
54	Quantification on the source/receptor relationship of primary pollutants and secondary aerosols by a Gaussian plume trajectory model: Part II. Case study. <i>Atmospheric Environment</i> , 2003, 37, 3993-4006.	4.1	31