

Thuan-Quoc Thach

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

6,225
citations

186209

28
h-index

128225

60
g-index

63
all docs

63
docs citations

63
times ranked

8445
citing authors

#	ARTICLE	IF	CITATIONS
1	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9592-9597.	3.3	1,407
2	Transmission Dynamics of the Etiological Agent of SARS in Hong Kong: Impact of Public Health Interventions. Science, 2003, 300, 1961-1966.	6.0	1,004
3	Epidemiological determinants of spread of causal agent of severe acute respiratory syndrome in Hong Kong. Lancet, The, 2003, 361, 1761-1766.	6.3	840
4	Public Health and Air Pollution in Asia (PAPA): A Multicity Study of Short-Term Effects of Air Pollution on Mortality. Environmental Health Perspectives, 2008, 116, 1195-1202.	2.8	382
5	The Epidemiology of Severe Acute Respiratory Syndrome in the 2003 Hong Kong Epidemic: An Analysis of All 1755 Patients. Annals of Internal Medicine, 2004, 141, 662.	2.0	293
6	Cardiorespiratory and all-cause mortality after restrictions on sulphur content of fuel in Hong Kong: an intervention study. Lancet, The, 2002, 360, 1646-1652.	6.3	269
7	Satellite-Based Estimates of Long-Term Exposure to Fine Particles and Association with Mortality in Elderly Hong Kong Residents. Environmental Health Perspectives, 2015, 123, 1167-1172.	2.8	148
8	Cancer Mortality Risks from Long-term Exposure to Ambient Fine Particle. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 839-845.	1.1	147
9	Land use regression modelling of air pollution in high density high rise cities: A case study in Hong Kong. Science of the Total Environment, 2017, 592, 306-315.	3.9	125
10	Both low and high temperature may increase the risk of stroke mortality. Neurology, 2013, 81, 1064-1070.	1.5	116
11	The Effects of Air Pollution on Mortality in Socially Deprived Urban Areas in Hong Kong, China. Environmental Health Perspectives, 2008, 116, 1189-1194.	2.8	112
12	Trends in breast cancer incidence in Hong Kong between 1973 and 1999: an age-period-cohort analysis. British Journal of Cancer, 2002, 87, 982-988.	2.9	106
13	Long term exposure to air pollution and mortality in an elderly cohort in Hong Kong. Environment International, 2018, 117, 99-106.	4.8	98
14	Short-term effects of daily air pollution on mortality. Atmospheric Environment, 2013, 65, 69-79.	1.9	85
15	Modification by Influenza on Health Effects of Air Pollution in Hong Kong. Environmental Health Perspectives, 2009, 117, 248-253.	2.8	84
16	Is Exercise Protective Against Influenza-Associated Mortality?. PLoS ONE, 2008, 3, e2108.	1.1	74
17	Socioeconomic disparities in air pollution-associated mortality. Environmental Research, 2008, 107, 237-244.	3.7	63
18	Rates of Cesarean Births in Hong Kong: 1987-1999. Birth, 2001, 28, 166-172.	1.1	53

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19	Integrating travel behavior with land use regression to estimate dynamic air pollution exposure in Hong Kong. <i>Environment International</i> , 2018, 113, 100-108.	4.8	45
20	Daily visibility and mortality: Assessment of health benefits from improved visibility in Hong Kong. <i>Environmental Research</i> , 2010, 110, 617-623.	3.7	43
21	Does regular exercise protect against air pollution-associated mortality?. <i>Preventive Medicine</i> , 2007, 44, 386-392.	1.6	42
22	Obesity and influenza associated mortality: Evidence from an elderly cohort in Hong Kong. <i>Preventive Medicine</i> , 2013, 56, 118-123.	1.6	42
23	Temperature as a modifier of the effects of fine particulate matter on acute mortality in Hong Kong. <i>Environmental Pollution</i> , 2015, 205, 357-364.	3.7	42
24	Digital Biomarkers for Depression Screening With Wearable Devices: Cross-sectional Study With Machine Learning Modeling. <i>JMIR MHealth and UHealth</i> , 2021, 9, e24872.	1.8	42
25	Cigarette smoking as a risk factor for influenza-associated mortality: evidence from an elderly cohort. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 531-539.	1.5	38
26	Assessing spatial associations between thermal stress and mortality in Hong Kong: A small-area ecological study. <i>Science of the Total Environment</i> , 2015, 502, 666-672.	3.9	35
27	Prevalence of sick building syndrome and its association with perceived indoor environmental quality in an Asian multi-ethnic working population. <i>Building and Environment</i> , 2019, 166, 106420.	3.0	34
28	A novel method to construct an air quality index based on air pollution profiles. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 17-26.	2.1	30
29	Air pollution and admissions for acute lower respiratory infections in young children of Ho Chi Minh City. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 167-179.	1.5	28
30	Quantifying the burden of disease due to premature mortality in Hong Kong using standard expected years of life lost. <i>BMC Public Health</i> , 2013, 13, 863.	1.2	28
31	Air pollutants and health outcomes: Assessment of confounding by influenza. <i>Atmospheric Environment</i> , 2010, 44, 1437-1442.	1.9	25
32	Thermal stress associated mortality risk and effect modification by sex and obesity in an elderly cohort of Chinese in Hong Kong. <i>Environmental Pollution</i> , 2013, 178, 288-293.	3.7	25
33	The influence of pre-existing health conditions on short-term mortality risks of temperature: Evidence from a prospective Chinese elderly cohort in Hong Kong. <i>Environmental Research</i> , 2016, 148, 7-14.	3.7	25
34	Vertical monitoring of traffic-related air pollution (TRAP) in urban street canyons of Hong Kong. <i>Science of the Total Environment</i> , 2019, 670, 696-703.	3.9	23
35	Who is more vulnerable to death from extremely cold temperatures? A case-only approach in Hong Kong with a temperate climate. <i>International Journal of Biometeorology</i> , 2016, 60, 711-717.	1.3	20
36	Associations of perceived indoor environmental quality with stress in the workplace. <i>Indoor Air</i> , 2020, 30, 1166-1177.	2.0	20

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37	Short-Term Effects of Particulate Air Pollution on Male Smokers and Never-Smokers. <i>Epidemiology</i> , 2007, 18, 593-598.	1.2	18
38	Association between shift work and poor sleep quality in an Asian multi-ethnic working population: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0229693.	1.1	18
39	Prevalence of psychological distress and its association with perceived indoor environmental quality and workplace factors in under and aboveground workplaces. <i>Building and Environment</i> , 2020, 175, 106799.	3.0	18
40	Spatial analytical methods for deriving a historical map of physiological equivalent temperature of Hong Kong. <i>Building and Environment</i> , 2016, 99, 22-28.	3.0	17
41	STROBE-Long-Term Exposure to Ambient Fine Particulate Air Pollution and Hospitalization Due to Peptic Ulcers. <i>Medicine (United States)</i> , 2016, 95, e3543.	0.4	16
42	Activity Tracker-Based Metrics as Digital Markers of Cardiometabolic Health: Cross-Sectional Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e16409.	1.8	16
43	Health Effects of Underground Workspaces cohort: study design and baseline characteristics. <i>Epidemiology and Health</i> , 2019, 41, e2019025.	0.8	16
44	Age-period-cohort analysis of cervical cancer incidence in Hong Kong from 1972 to 2001 using maximum likelihood and Bayesian methods. <i>Journal of Epidemiology and Community Health</i> , 2006, 60, 712-720.	2.0	13
45	The smoke-free legislation in Hong Kong: its impact on mortality. <i>Tobacco Control</i> , 2016, 25, 685-691.	1.8	12
46	Health impact assessment of exposure to fine particulate matter based on satellite and meteorological information. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 239-246.	1.7	11
47	Comparison of influenza disease burden in older populations of Hong Kong and Brisbane: the impact of influenza and pneumococcal vaccination. <i>BMC Infectious Diseases</i> , 2019, 19, 162.	1.3	10
48	Short-term, medium-term, long-term, and lifetime risks of developing and dying of breast carcinoma in a Westernized Chinese population. <i>Cancer</i> , 2005, 103, 501-508.	2.0	9
49	Modelling the impact of population-based cytologic screening on cervical cancer incidence and mortality in Hong Kong: an age-period-cohort approach. <i>British Journal of Cancer</i> , 2005, 93, 1077-1083.	2.9	7
50	Factors associated with health-related quality of life in an Asian working population. <i>Epidemiology and Health</i> , 2020, 42, e2020048.	0.8	7
51	A Multifactorial Approach to Sleep and Its Association with Health-Related Quality of Life in a Multiethnic Asian Working Population: A Cross-Sectional Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4147.	1.2	6
52	The importance of air quality for underground spaces: An international survey of public attitudes. <i>Indoor Air</i> , 2021, 31, 2239-2251.	2.0	6
53	A method to derive the relationship between the annual and short-term air quality limits—Analysis using the WHO Air Quality Guidelines for health protection. <i>Environment International</i> , 2013, 59, 86-91.	4.8	5
54	Long-term effects of traffic exposures on mortality in a Chinese cohort. <i>Journal of Transport and Health</i> , 2019, 14, 100609.	1.1	5

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55	Acute effects of air pollution on all-cause mortality: a natural experiment from haze control measures in Chiang Mai Province, Thailand. PeerJ, 2020, 8, e9207.	0.9	5
56	Effectiveness of a brief positive skills intervention to improve psychological adjustment in patients with end-stage kidney disease newly initiated on haemodialysis: protocol for a randomised controlled trial (HED-Start). BMJ Open, 2021, 11, e053588.	0.8	4
57	Binary latent variable modelling and its application in the study of air pollution in Hong Kong. Statistics in Medicine, 2004, 23, 667-684.	0.8	3
58	Constructing a Map of Physiological Equivalent Temperature by Spatial Analysis Techniques. , 2018, , 389-401.		2
59	Risk Factors for Non-Communicable Diseases at Baseline and Their Short-Term Changes in a Workplace Cohort in Singapore. International Journal of Environmental Research and Public Health, 2019, 16, 4551.	1.2	2
60	Improved nonparametric penalized maximum likelihood estimation for arbitrarily censored survival data. Statistics in Medicine, 0, , .	0.8	0