Sotiris Vardoulakis

List of Publications by Year in Descending Order

114 papers	5,678 citations	39 h-index	73 g-index
132 ext. papers	6,991 ext. citations	6.5 avg, IF	5.98 L-index

#	Paper	IF	Citations
114	Future perspectives of emerging infectious diseases control: A One Health approach.. *One Health*, **2022**, 14, 100371	7.6	2
113	Aerosols and Bacteria From Hand Washing and Drying in Indoor Air.. *Frontiers in Public Health*, **2022**, 10, 804825	6	1
112	Transmission of COVID-19 and other infectious diseases in public washrooms: A systematic review. *Science of the Total Environment*, **2022**, 803, 149932	10.2	10
111	Exposure to urban greenspace and pathways to respiratory health: An exploratory systematic review.. *Science of the Total Environment*, **2022**, 829, 154447	10.2	3
110	The relationship between greenspace and personal exposure to PM during walking trips in Delhi, India.. *Environmental Pollution*, **2022**, 119294	9.3	1
109	How to build Urbanome, the genome of the city?. *Science of the Total Environment*, **2021**, 810, 152310	10.2	
108	Physical and Mental Health Effects of Bushfire and Smoke in the Australian Capital Territory 2019-20. *Frontiers in Public Health*, **2021**, 9, 682402	6	7
107	Efficacy of Communication Techniques and Health Outcomes of Bushfire Smoke Exposure: A Scoping Review. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	2
106	Coronavirus seasonality, respiratory infections and weather. *BMC Infectious Diseases*, **2021**, 21, 1101	4	8
105	A Systematic Review of the Development and Validation of the Heat Vulnerability Index: Major Factors, Methods, and Spatial Units. *Current Climate Change Reports*, **2021**, 7, 87-97	9	3
104	A health impact assessment of long-term exposure to particulate air pollution in Thailand. *Environmental Research Letters*, **2021**, 16, 055018	6.2	3
103	Potential health impacts from sulphur dioxide and sulphate exposure in the UK resulting from an Icelandic effusive volcanic eruption. *Science of the Total Environment*, **2021**, 774, 145549	10.2	6
102	Future air pollution related health burdens associated with RCP emission changes in the UK. *Science of the Total Environment*, **2021**, 773, 145635	10.2	2
101	Neighbourhood and path-based greenspace in three European countries: associations with objective physical activity. *BMC Public Health*, **2021**, 21, 282	4.1	2
100	Exposure to ambient particulate matter and biomass burning during pregnancy: associations with birth weight in Thailand. *Journal of Exposure Science and Environmental Epidemiology*, **2021**, 31, 672-682	6.7	1
99	Reflections on climate change and the Australian health system. *Australian Health Review*, **2021**, 45, 2-3	1.8	1
98	Local actions to health risks of heatwaves and dengue fever under climate change: Strategies and barriers among primary healthcare professionals in southern China. *Environmental Research*, **2020**, 187, 109688	7.9	5

97	Advancing Global Health through Environmental and Public Health Tracking. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	4
96	Ambient particulate matter and biomass burning: an ecological time series study of respiratory and cardiovascular hospital visits in northern Thailand. *Environmental Health*, **2020**, 19, 77	6	17
95	Bushfire smoke: urgent need for a national health protection strategy. *Medical Journal of Australia*, **2020**, 212, 349-353.e1	4	41
94	Lessons Learned from the Australian Bushfires: Climate Change, Air Pollution, and Public Health. *JAMA Internal Medicine*, **2020**, 180, 635-636	11.5	25
93	Environmental factors associated with general practitioner consultations for allergic rhinitis in London, England: a retrospective time series analysis. *BMJ Open*, **2020**, 10, e036724	3	3
92	School children exposure to indoor fine particulate matter. *Environmental Research Letters*, **2020**, 15, 115003	6.2	2
91	Avoidable Mortality Attributable to Anthropogenic Fine Particulate Matter (PM) in Australia. *International Journal of Environmental Research and Public Health*, **2020**, 18,	4.6	4
90	A Collaborative Framework Highlighting Climate-Sensitive Non-communicable Diseases in Urban Sub-Saharan Africa. *Sustainable Development Goals Series*, **2020**, 267-278	0.5	1
89	Health Effects of Indoor Air Quality on Children and Young People. *Issues in Environmental Science and Technology*, **2020**, 151-188	0.7	4
88	Performance evaluation of a multiscale modelling system applied to particulate matter dispersion in a real traffic hot spot in Madrid (Spain). *Atmospheric Pollution Research*, **2020**, 11, 141-155	4.5	11
87	Urban greenspace and the indoor environment: Pathways to health via indoor particulate matter, noise, and road noise annoyance. *Environmental Research*, **2020**, 180, 108850	7.9	40
86	Years of life lost and mortality due to heat and cold in the three largest English cities. *Environment International*, **2020**, 144, 105966	12.9	16
85	In Utero Exposure to Particulate Air Pollution during Pregnancy: Impact on Birth Weight and Health through the Life Course. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	6
84	Indoor Exposure to Selected Air Pollutants in the Home Environment: A Systematic Review. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	59
83	COVID-19 environmental transmission and preventive public health measures. *Australian and New Zealand Journal of Public Health*, **2020**, 44, 333-335	2.3	24
82	Responding to COVID-19 requires strong epidemiological evidence of environmental and societal determining factors. *Lancet Planetary Health, The*, **2020**, 4, e375-e376	9.8	7
81	Towards Urbanome the genome of the city to enhance the form and function of future cities. *Nature Communications*, **2019**, 10, 4014	17.4	5
80	Modelling public health improvements as a result of air pollution control policies in the UK over four decades 1970 to 2010. *Environmental Research Letters*, **2019**, 14, 074001	6.2	24

79	Spatial variability in air pollution exposure in relation to socioeconomic indicators in nine European metropolitan areas: A study on environmental inequality. *Environmental Pollution*, **2019**, 249, 345-353	9.3	47
78	Population Health Inequalities Across and Within European Metropolitan Areas through the Lens of the EURO-HEALTHY Population Health Index. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	23
77	Meteorological drivers and mortality associated with O3 and PM2.5 air pollution episodes in the UK in 2006. *Atmospheric Environment*, **2019**, 213, 699-710	5.3	13
76	How Harmful Is Particulate Matter Emitted from Biomass Burning? A Thailand Perspective. *Current Pollution Reports*, **2019**, 5, 353-377	7.6	34
75	Cold-related mortality in three European metropolitan areas: Athens, Lisbon and London. Implications for health promotion. *Urban Climate*, **2019**, 30, 100532	6.8	6
74	Grand Challenges in Sustainable Cities and Health. *Frontiers in Sustainable Cities*, **2019**, 1,	2.2	12
73	Environmental public health risks in European metropolitan areas within the EURO-HEALTHY project. *Science of the Total Environment*, **2019**, 658, 1630-1639	10.2	30
72	Urban vegetation and particle air pollution: Experimental campaigns in a traffic hotspot. *Environmental Pollution*, **2019**, 247, 195-205	9.3	24
71	Local action on outdoor air pollution to improve public health. *International Journal of Public Health* , **2018**, 63, 557-565	4	20
70	Public health co-benefits of greenhouse gas emissions reduction: A systematic review. *Science of the Total Environment*, **2018**, 627, 388-402	10.2	56
69	Assessing urban population vulnerability and environmental risks across an urban area during heatwaves - Implications for health protection. *Science of the Total Environment*, **2018**, 610-611, 678-690	10.2	60
68	Taking Action on Air Pollution Control in the Beijing-Tianjin-Hebei (BTH) Region: Progress, Challenges and Opportunities. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	63
67	The influence of model spatial resolution on simulated ozone and fine particulate matter for Europe: implications for health impact assessments. *Atmospheric Chemistry and Physics*, **2018**, 18, 5765-5784	6.8	19
66	What is cold-related mortality? A multi-disciplinary perspective to inform climate change impact assessments. *Environment International*, **2018**, 121, 119-129	12.9	17
65	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. *Climatic Change*, **2018**, 150, 391-402	4.5	67
64	Greenhouse gas emissions reduction in different economic sectors: Mitigation measures, health co-benefits, knowledge gaps, and policy implications. *Environmental Pollution*, **2018**, 240, 683-698	9.3	25
63	Extreme heat-related mortality avoided under Paris Agreement goals. *Nature Climate Change*, **2018** , 8, 551-553	21.4	24
62	'Green' on the ground but not in the air: Pro-environmental attitudes are related to household behaviours but not discretionary air travel. *Global Environmental Change*, **2017**, 42, 136-147	10.1	81

61	Pollen exposure and hospitalization due to asthma exacerbations: daily time series in a European city. *International Journal of Biometeorology*, **2017**, 61, 1837-1848	3.7	50
60	Mapping allergenic pollen vegetation in UK to study environmental exposure and human health. *Science of the Total Environment*, **2017**, 599-600, 483-499	10.2	55
59	Household air pollution following replacement of traditional open fire with an improved rocket type cookstove. *Science of the Total Environment*, **2017**, 580, 440-447	10.2	13
58	Land cover and air pollution are associated with asthma hospitalisations: A cross-sectional study. *Environment International*, **2017**, 109, 29-41	12.9	49
57	Challenges in developing methods for quantifying the effects of weather and climate on water-associated diseases: A systematic review. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005659	4.8	26
56	The Urban Heat Island: Implications for Health in a Changing Environment. *Current Environmental Health Reports*, **2017**, 4, 296-305	6.5	168
55	Projections of temperature-related excess mortality under climate change scenarios. *Lancet Planetary Health, The*, **2017**, 1, e360-e367	9.8	272
54	Haze, public health and mitigation measures in China: A review of the current evidence for further policy response. *Science of the Total Environment*, **2017**, 578, 148-157	10.2	171
53	Impact of Air Temperature on London Ambulance Call-Out Incidents and Response Times. *Climate*, **2017**, 5, 61	3.1	13
52	An Exposure-Mortality Relationship for Residential Indoor PM2.5 Exposure from Outdoor Sources. *Climate*, **2017**, 5, 66	3.1	9
51	Perceptions of Health Co-Benefits in Relation to Greenhouse Gas Emission Reductions: A Survey among Urban Residents in Three Chinese Cities. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	3
50	Human mortality in Cyprus: the role of temperature and particulate air pollution. *Regional Environmental Change*, **2016**, 16, 1905-1913	4.3	15
49	Heat-related mortality in Cyprus for current and future climate scenarios. *Science of the Total Environment*, **2016**, 569-570, 627-633	10.2	31
48	Mortality and emergency hospitalizations associated with atmospheric particulate matter episodes across the UK in spring 2014. *Environment International*, **2016**, 97, 108-116	12.9	17
47	Attributing human mortality during extreme heat waves to anthropogenic climate change. *Environmental Research Letters*, **2016**, 11, 074006	6.2	158
46	Monitoring the effect of air pollution episodes on health care consultations and ambulance call-outs in England during March/April 2014: A retrospective observational analysis. *Environmental Pollution*, **2016**, 214, 903-911	9.3	32
45	Development of an England-wide indoor overheating and air pollution model using artificial neural networks. *Journal of Building Performance Simulation*, **2016**, 9, 606-619	2.8	27
44	Attribution of mortality to the urban heat island during heatwaves in the West Midlands, UK. *Environmental Health*, **2016**, 15 Suppl 1, 27	6	105

43	Assessment of microscale spatio-temporal variation of air pollution at an urban hotspot in Madrid (Spain) through an extensive field campaign. *Atmospheric Environment*, **2016**, 140, 432-445	5.3	37
42	Changes in population susceptibility to heat and cold over time: assessing adaptation to climate change. *Environmental Health*, **2016**, 15 Suppl 1, 33	6	84
41	Health and climate related ecosystem services provided by street trees in the urban environment. *Environmental Health*, **2016**, 15 Suppl 1, 36	6	198
40	Extreme weather and air pollution effects on cardiovascular and respiratory hospital admissions in Cyprus. *Science of the Total Environment*, **2016**, 542, 247-53	10.2	37
39	Air Quality Strategies on Public Health and Health Equity in Europe-A Systematic Review. *International Journal of Environmental Research and Public Health*, **2016**, 13,	4.6	32
38	Long-term exposure to ambient ozone and mortality: a quantitative systematic review and meta-analysis of evidence from cohort studies. *BMJ Open*, **2016**, 6, e009493	3	93
37	Challenges and Opportunities for Urban Environmental Health and Sustainability: the HEALTHY-POLIS initiative. *Environmental Health*, **2016**, 15 Suppl 1, 30	6	24
36	Housing interventions and health: Quantifying the impact of indoor particles on mortality and morbidity with disease recovery. *Environment International*, **2015**, 81, 73-9	12.9	6
35	Civil aviation, air pollution and human health. *Environmental Research Letters*, **2015**, 10, 041001	6.2	18
34	Using real-time syndromic surveillance systems to help explore the acute impact of the air pollution incident of March/April 2014 in England. *Environmental Research*, **2015**, 136, 500-4	7.9	15
33	The effects of horizontal advection on the urban heat island in Birmingham and the West Midlands, United Kingdom during a heatwave. *Quarterly Journal of the Royal Meteorological Society*, **2015**, 141, 1429-1441	6.4	56
32	Impact of climate change on the domestic indoor environment and associated health risks in the UK. *Environment International*, **2015**, 85, 299-313	12.9	134
31	Comparative assessment of the effects of climate change on heat- and cold-related mortality in the United Kingdom and Australia. *Environmental Health Perspectives*, **2014**, 122, 1285-92	8.4	137
30	The modifying effect of the building envelope on population exposure to PM2.5 from outdoor sources. *Indoor Air*, **2014**, 24, 639-51	5.4	49
29	Climate change effects on human health: projections of temperature-related mortality for the UK during the 2020s, 2050s and 2080s. *Journal of Epidemiology and Community Health*, **2014**, 68, 641-8	5.1	252
28	Are rocket mud stoves associated with lower indoor carbon monoxide and personal exposure in rural Kenya?. *Indoor Air*, **2013**, 23, 14-24	5.4	26
27	A comparison of fuel use between a low cost, improved wood stove and traditional three-stone stove in rural Kenya. *Biomass and Bioenergy*, **2013**, 58, 258-266	5.3	37
26	Health burdens of surface ozone in the UK for a range of future scenarios. *Environment International*, **2013**, 61, 36-44	12.9	53

25	Comparative assessment of a real-time particle monitor against the reference gravimetric method for PM10 and PM2.5 in indoor air. *Atmospheric Environment*, **2012**, 54, 358-364	5.3	28
24	Modelling inhalation exposure to combustion-related air pollutants in residential buildings: Application to health impact assessment. *Environment International*, **2011**, 37, 268-79	12.9	35
23	Dynamics and dispersion modelling of nanoparticles from road traffic in the urban atmospheric environmentâ review. *Journal of Aerosol Science*, **2011**, 42, 580-603	4.3	247
22	Technical challenges in tackling regulatory concerns for urban atmospheric nanoparticles. *Particuology*, **2011**, 9, 566-571	2.8	43
21	A novel methodology for interpreting air quality measurements from urban streets using CFD modelling. *Atmospheric Environment*, **2011**, 45, 5230-5239	5.3	34
20	Intra-urban and street scale variability of BTEX, NO2 and O3 in Birmingham, UK: Implications for exposure assessment. *Atmospheric Environment*, **2011**, 45, 5069-5078	5.3	68
19	Numerical Model Inter-comparison for Wind Flow and Turbulence Around Single-Block Buildings. *Environmental Modeling and Assessment*, **2011**, 16, 169-181	2	28
18	Focus on exposure to air pollution and related health impacts. *Air Quality, Atmosphere and Health*, **2011**, 4, 159-160	5.6	2
17	Comparison of statistical clustering techniques for the classification of modelled atmospheric trajectories. *Theoretical and Applied Climatology*, **2010**, 102, 1-12	3	40
16	A review of the characteristics of nanoparticles in the urban atmosphere and the prospects for developing regulatory controls. *Atmospheric Environment*, **2010**, 44, 5035-5052	5.3	235
15	Health Effects of Air Pollutants. *Environmental Pollution*, **2010**, 143-184	0	2
14	Modelling dispersion of traffic pollution in a deep street canyon: Application of CFD and operational models. *Atmospheric Environment*, **2009**, 43, 2303-2311	5.3	54
13	Comparative evaluation of nitrogen oxides and ozone passive diffusion tubes for exposure studies. *Atmospheric Environment*, **2009**, 43, 2509-2517	5.3	30
12	Improved parameterisation for the numerical modelling of air pollution within an urban street canyon. *Environmental Modelling and Software*, **2009**, 24, 381-388	5.2	36
11	Measurement of personal exposure to volatile organic compounds and particle associated PAH in three UK regions. *Environmental Science & Technology*, **2009**, 43, 4582-8	10.3	44
10	An integrated tool to assess the role of new planting in PM10 capture and the human health benefits: a case study in London. *Environmental Pollution*, **2009**, 157, 2645-53	9.3	109
9	Measurement and modeling of exposure to selected air toxics for health effects studies and verification by biomarkers. *Research Report (health Effects Institute)*, **2009**, 3-96; discussion 97-100	0.9	12
8	Sources and factors affecting PM10 levels in two European cities: Implications for local air quality management. *Atmospheric Environment*, **2008**, 42, 3949-3963	5.3	111

7	Modelling wind flow and vehicle-induced turbulence in urban streets. *Atmospheric Environment*, **2008**, 42, 4918-4931	5.3	60
6	Impact and uncertainty of a traffic management intervention: population exposure to polycyclic aromatic hydrocarbons. *Science of the Total Environment*, **2008**, 394, 244-51	10.2	25
5	Evaluation of traffic-producing turbulence schemes within Operational Street Pollution Models using roadside measurements. *Atmospheric Environment*, **2007**, 41, 5357-5370	5.3	36
4	Operational air pollution modelling in the UK Street canyon applications and challenges. *Atmospheric Environment*, **2007**, 41, 4622-4637	5.3	83
3	Modelling air quality in street canyons: a review. *Atmospheric Environment*, **2003**, 37, 155-182	5.3	729
2	Model sensitivity and uncertainty analysis using roadside air quality measurements. *Atmospheric Environment*, **2002**, 36, 2121-2134	5.3	49
1	BTX concentrations near a stage II implemented petrol station. *Environmental Science and Pollution Research*, **2002**, 9, 169-74	5.1	14