

Stuart K Grange

List of Publications by Year in descending order

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19
papers

1,049
citations

566801

15
h-index

794141

19
g-index

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all docs

32
docs citations

32
times ranked

1383
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose in atmospheric particulate matter at rural and urban sites across France and Switzerland. Atmospheric Chemistry and Physics, 2022, 22, 6021-6043.	1.9	4
2	Linking Switzerland's PM ₁₀ and PM _{2.5} ; oxidative potential (OP) with emission sources. Atmospheric Chemistry and Physics, 2022, 22, 7029-7050.	1.9	20
3	Machine Learning and Meteorological Normalization for Assessment of Particulate Matter Changes during the COVID-19 Lockdown in Zagreb, Croatia. International Journal of Environmental Research and Public Health, 2022, 19, 6937.	1.2	9
4	Understanding the true effects of the COVID-19 lockdown on air pollution by means of machine learning. Environmental Pollution, 2021, 274, 115900.	3.7	54
5	COVID-19 lockdowns highlight a risk of increasing ozone pollution in European urban areas. Atmospheric Chemistry and Physics, 2021, 21, 4169-4185.	1.9	91
6	Frequency of use of household products containing VOCs and indoor atmospheric concentrations in homes. Environmental Sciences: Processes and Impacts, 2021, 23, 699-713.	1.7	25
7	Switzerland's PM ₁₀ and PM _{2.5} environmental increments show the importance of non-exhaust emissions. Atmospheric Environment: X, 2021, 12, 100145.	0.8	3
8	Temporal and spatial analysis of ozone concentrations in Europe based on timescale decomposition and a multi-clustering approach. Atmospheric Chemistry and Physics, 2020, 20, 9051-9066.	1.9	29
9	Post-Dieselgate: Evidence of NO _x Emission Reductions Using On-Road Remote Sensing. Environmental Science and Technology Letters, 2020, 7, 382-387.	3.9	18
10	Evaluation of equivalent black carbon source apportionment using observations from Switzerland between 2008 and 2018. Atmospheric Measurement Techniques, 2020, 13, 1867-1885.	1.2	28
11	Strong Temperature Dependence for Light-Duty Diesel Vehicle NO _x Emissions. Environmental Science & Technology, 2019, 53, 6587-6596.	4.6	82
12	Using meteorological normalisation to detect interventions in air quality time series. Science of the Total Environment, 2019, 653, 578-588.	3.9	172
13	Global simulation of tropospheric chemistry at 12.5 km resolution: performance and evaluation of the GEOS-Chem chemical module (v10-1) within the NASA GEOS Earth system model (GEOS-5 ESM). Geoscientific Model Development, 2018, 11, 4603-4620.	1.3	60
14	Random forest meteorological normalisation models for Swiss PM ₁₀ and PM _{2.5} ; trend analysis. Atmospheric Chemistry and Physics, 2018, 18, 6223-6239.	1.9	210
15	Lower vehicular primary emissions of NO ₂ in Europe than assumed in policy projections. Nature Geoscience, 2017, 10, 914-918.	5.4	72
16	Reliable Long-Term Data from Low-Cost Gas Sensor Networks in the Environment. Proceedings (mdpi), 2017, 1, .	0.2	5
17	Source apportionment advances using polar plots of bivariate correlation and regression statistics. Atmospheric Environment, 2016, 145, 128-134.	1.9	72
18	Data Verification Tools for Minimizing Management Costs of Dense Air-Quality Monitoring Networks. Environmental Science & Technology, 2016, 50, 835-846.	4.6	23

#	ARTICLE	IF	CITATIONS
19	High Density Ozone Monitoring Using Gas Sensitive Semi-Conductor Sensors in the Lower Fraser Valley, British Columbia. Environmental Science & Technology, 2014, 48, 3970-3977.	4.6	61