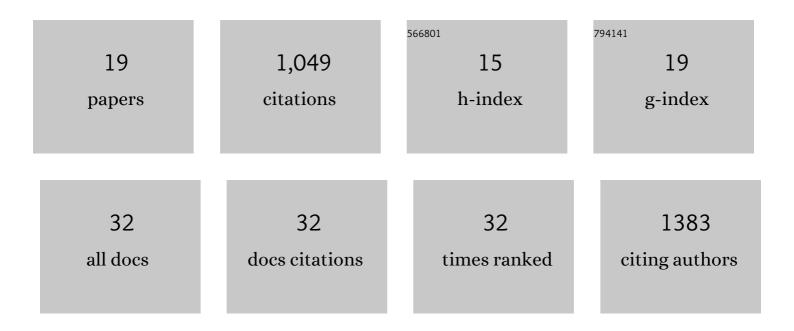
Stuart K Grange

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9140912/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Random forest meteorological normalisation models for Swiss PM ₁₀ trend analysis. Atmospheric Chemistry and Physics, 2018, 18, 6223-6239. | 1.9 | 210 |
| 2 | Using meteorological normalisation to detect interventions in air quality time series. Science of the Total Environment, 2019, 653, 578-588. | 3.9 | 172 |
| 3 | 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 |
| 4 | Strong Temperature Dependence for Light-Duty Diesel Vehicle NO _{<i>x</i>} Emissions. Environmental Science & Technology, 2019, 53, 6587-6596. | 4.6 | 82 |
| 5 | Source apportionment advances using polar plots of bivariate correlation and regression statistics. Atmospheric Environment, 2016, 145, 128-134. | 1.9 | 72 |
| 6 | Lower vehicular primary emissions of NO2 in Europe than assumed in policy projections. Nature Geoscience, 2017, 10, 914-918. | 5.4 | 72 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Data Verification Tools for Minimizing Management Costs of Dense Air-Quality Monitoring Networks. Environmental Science & Technology, 2016, 50, 835-846. | 4.6 | 23 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Reliable Long-Term Data from Low-Cost Gas Sensor Networks in the Environment. Proceedings (mdpi), 2017, 1, . | 0.2 | 5 |
| 18 | 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 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Switzerland's PM10 and PM2.5 environmental increments show the importance of non-exhaust emissions. Atmospheric Environment: X, 2021, 12, 100145. | 0.8 | 3 |