# Lars Gidhagen

List of Publications by Year
in descending order

| | | 430754 | 330025 |
|---|---|---|---|
| **37**<br>papers | **1,756**<br>citations | **18**<br>h-index | **37**<br>g-index |
| **40**<br>all docs | **40**<br>docs citations | **40**<br>times ranked | **2317**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Using Distributed Lag Non-Linear Models to Estimate Exposure Lag-Response Associations between Long-Term Air Pollution Exposure and Incidence of Cardiovascular Disease. International Journal of Environmental Research and Public Health, 2022, 19, 2630. | 1.2 | 10 |
| 2 | An integrated assessment of the impacts of PM2.5 and black carbon particles on the air quality of a large Brazilian city. Air Quality, Atmosphere and Health, 2021, 14, 1455-1473. | 1.5 | 15 |
| 3 | Long-term exposure to particulate air pollution and black carbon in relation to natural and cause-specific mortality: a multicohort study in Sweden. BMJ Open, 2021, 11, e046040. | 0.8 | 10 |
| 4 | Towards climate services for European cities: Lessons learnt from the Copernicus project Urban SIS. Urban Climate, 2020, 31, 100549. | 2.4 | 18 |
| 5 | High resolution simulation of Stockholm's air temperature and its interactions with urban development. Urban Climate, 2020, 32, 100632. | 2.4 | 9 |
| 6 | Cyclists' exposure to air pollution under different traffic management strategies. Science of the Total Environment, 2020, 723, 138043. | 3.9 | 26 |
| 7 | Model-simulated Source Contributions to PM2.5 in Santiago and the Central Region of Chile. Aerosol and Air Quality Research, 2020, 20, 1111-1126. | 0.9 | 7 |
| 8 | Towards a better understanding of urban air quality management capabilities in Latin America. Environmental Science and Policy, 2019, 102, 43-53. | 2.4 | 26 |
| 9 | Long-Term Exposure to Particulate Air Pollution, Black Carbon, and Their Source Components in Relation to Ischemic Heart Disease and Stroke. Environmental Health Perspectives, 2019, 127, 107012. | 2.8 | 101 |
| 10 | Modelling urban cyclists' exposure to black carbon particles using high spatiotemporal data: A statistical approach. Science of the Total Environment, 2019, 679, 115-125. | 3.9 | 25 |
| 11 | Passive sampling as a feasible tool for mapping and model evaluation of the spatial distribution of nitrogen oxides in the city of Curitiba, Brazil. Air Quality, Atmosphere and Health, 2019, 12, 837-846. | 1.5 | 7 |
| 12 | Long-term effects of total and source-specific particulate air pollution on incident cardiovascular disease in Gothenburg, Sweden. Environmental Research, 2017, 158, 61-71. | 3.7 | 129 |
| 13 | Human exposure to carcinogens in ambient air in Denmark, Finland and Sweden. Atmospheric Environment, 2017, 167, 283-297. | 1.9 | 8 |
| 14 | Health Impact of PM10, PM2.5 and Black Carbon Exposure Due to Different Source Sectors in Stockholm, Gothenburg and Umea, Sweden. International Journal of Environmental Research and Public Health, 2017, 14, 742. | 1.2 | 105 |
| 15 | Exposure Modeling of Traffic and Wood Combustion Emissions in Northern Sweden. IFIP Advances in Information and Communication Technology, 2015, , 242-251. | 0.5 | 1 |
| 16 | High-resolution modeling of residential outdoor particulate levels in Sweden. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 306-314. | 1.8 | 12 |
| 17 | Fine and coarse particulate air pollution in relation to respiratory health in Sweden. European Respiratory Journal, 2013, 42, 924-934. | 3.1 | 40 |
| 18 | Traffic noise and cardiovascular health in Sweden: The roadside study. Noise and Health, 2012, 14, 140. | 0.4 | 46 |

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|---|---------|----|-----------|
| 19 | Modeling Effects of Climate Change on Air Quality and Population Exposure in Urban Planning Scenarios. Advances in Meteorology, 2012, 2012, 1-12. | 0.6 | 11 |
| 20 | Evaluation of new model tools for meeting the targets of the EU Air Quality Directive: a case study on the studded tyre use in Sweden. International Journal of Environment and Pollution, 2011, 47, 79. | 0.2 | 11 |
| 21 | SIMAIRâ€"Evaluation tool for meeting the EU directive on air pollution limits. Atmospheric Environment, 2009, 43, 1029-1036. | 1.9 | 17 |
| 22 | Predominance of soot-mode ultrafine particles in Santiago de Chile: Possible sources. Atmospheric Environment, 2009, 43, 2260-2267. | 1.9 | 16 |
| 23 | Estimates of Black Carbon and Size-Resolved Particle Number Emission Factors from Residential Wood Burning Based on Ambient Monitoring and Model Simulations. Journal of the Air and Waste Management Association, 2008, 58, 838-848. | 0.9 | 10 |
| 24 | Estimation and validation of PM2.5/PM10 exhaust and non-exhaust emission factors for practical street pollution modelling. Atmospheric Environment, 2007, 41, 9370-9385. | 1.9 | 144 |
| 25 | Spatial & temporal variations of PM10 and particle number concentrations in urban air. Environmental Monitoring and Assessment, 2007, 127, 477-487. | 1.3 | 162 |
| 26 | Source contributions to PM10 and arsenic concentrations in Central Chile using positive matrix factorization. Atmospheric Environment, 2005, 39, 549-561. | 1.9 | 112 |
| 27 | Urban scale modeling of particle number concentration in Stockholm. Atmospheric Environment, 2005, 39, 1711-1711. | 1.9 | 68 |
| 28 | TRAFFIC-RELATED SOURCE CONTRIBUTIONS TO PM10 NEAR A HIGHWAY. Journal of Aerosol Science, 2004, 35, S795-S796. | 1.8 | 2 |
| 29 | Real-world traffic emission factors of gases and particles measured in a road tunnel in Stockholm, Sweden. Atmospheric Environment, 2004, 38, 657-673. | 1.9 | 252 |
| 30 | Simulation of NOx and ultrafine particles in a street canyon in Stockholm, Sweden. Atmospheric Environment, 2004, 38, 2029-2044. | 1.9 | 97 |
| 31 | Model Simulations of NOxand Ultrafine Particles Close to a Swedish Highway. Environmental Science &amp; Technology, 2004, 38, 6730-6740. | 4.6 | 45 |
| 32 | Model simulation of ultrafine particles inside a road tunnel. Atmospheric Environment, 2003, 37, 2023-2036. | 1.9 | 76 |
| 33 | Anthropogenic and natural levels of arsenic in PM10 in Central and Northern Chile. Atmospheric Environment, 2002, 36, 3803-3817. | 1.9 | 63 |
| 34 | A model of the deep water flow into the Baltic Sea. Tellus, Series A: Dynamic Meteorology and Oceanography, 1992, 44, 414-424. | 0.8 | 7 |
| 35 | Lagrangian modelling of dispersion, sedimentation and resuspension processes in marine environments. Ocean Dynamics, 1989, 42, 249-270. | 0.2 | 3 |
| 36 | Coastal upwelling in the Baltic Seaâ€"Satellite and in situ measurements of sea-surface temperatures indicating coastal upwelling. Estuarine, Coastal and Shelf Science, 1987, 24, 449-462. | 0.9 | 60 |

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|---|---------|-----|-----------|
| 37 | The mathematical modelling of baroclinic waves and fronts in the ocean. Applied Mathematical Modelling, 1987, 11, 11-18. | 2.2 | 3 |