

# Rex Britter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11610979/publications.pdf>

Version: 2024-02-01

18  
papers

2,841  
citations

430874

18  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

3346  
citing authors

#	ARTICLE	IF	CITATIONS
1	The rise of low-cost sensing for managing air pollution in cities. <i>Environment International</i> , 2015, 75, 199-205.	10.0	597
2	Ultrafine particles in cities. <i>Environment International</i> , 2014, 66, 1-10.	10.0	483
3	Dynamics and dispersion modelling of nanoparticles from road traffic in the urban atmospheric environment—A review. <i>Journal of Aerosol Science</i> , 2011, 42, 580-603.	3.8	293
4	A review of the characteristics of nanoparticles in the urban atmosphere and the prospects for developing regulatory controls. <i>Atmospheric Environment</i> , 2010, 44, 5035-5052.	4.1	284
5	A resistance-capacitance network model for the analysis of the interactions between the energy performance of buildings and the urban climate. <i>Building and Environment</i> , 2012, 54, 116-125.	6.9	135
6	Effect of wind direction and speed on the dispersion of nucleation and accumulation mode particles in an urban street canyon. <i>Science of the Total Environment</i> , 2008, 402, 82-94.	8.0	126
7	“Exposure Track”—The Impact of Mobile-Device-Based Mobility Patterns on Quantifying Population Exposure to Air Pollution. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9671-9681.	10.0	119
8	Pseudo-simultaneous measurements for the vertical variation of coarse, fine and ultrafine particles in an urban street canyon. <i>Atmospheric Environment</i> , 2008, 42, 4304-4319.	4.1	100
9	Measurements of particles in the 5–1000 nm range close to road level in an urban street canyon. <i>Science of the Total Environment</i> , 2008, 390, 437-447.	8.0	93
10	New Directions: Can a “blue sky” return to Indian megacities?. <i>Atmospheric Environment</i> , 2013, 71, 198-201.	4.1	91
11	Treatment of losses of ultrafine aerosol particles in long sampling tubes during ambient measurements. <i>Atmospheric Environment</i> , 2008, 42, 8819-8826.	4.1	85
12	Predicting vehicular emissions in high spatial resolution using pervasively measured transportation data and microscopic emissions model. <i>Atmospheric Environment</i> , 2016, 140, 352-363.	4.1	82
13	Comparative study of measured and modelled number concentrations of nanoparticles in an urban street canyon. <i>Atmospheric Environment</i> , 2009, 43, 949-958.	4.1	75
14	A numerical study of the flow field and exchange processes within a canopy of urban-type roughness. <i>Atmospheric Environment</i> , 2005, 39, 3243-3254.	4.1	72
15	Combining a Detailed Building Energy Model with a Physically-Based Urban Canopy Model. <i>Boundary-Layer Meteorology</i> , 2011, 140, 471-489.	2.3	71
16	Title is missing!. <i>Environmental Fluid Mechanics</i> , 2003, 3, 145-172.	1.6	57
17	Numerical Model Inter-comparison for Wind Flow and Turbulence Around Single-Block Buildings. <i>Environmental Modeling and Assessment</i> , 2011, 16, 169-181.	2.2	40
18	Fast response measurements of the dispersion of nanoparticles in a vehicle wake and a street canyon. <i>Atmospheric Environment</i> , 2009, 43, 6110-6118.	4.1	38