

Lauri Laakso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11680926/publications.pdf>

Version: 2024-02-01

35
papers

1,855
citations

430754

18
h-index

395590

33
g-index

39
all docs

39
docs citations

39
times ranked

2584
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of one year of Ion-DMPS data from the SMEAR II station, Finland. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 60, 318.	0.8	56
2	First Application of IFCB High-Frequency Imaging-in-Flow Cytometry to Investigate Bloom-Forming Filamentous Cyanobacteria in the Baltic Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	12
3	Evaluation of Methane Emissions Originating from LNG Ships Based on the Measurements at a Remote Marine Station. <i>Environmental Science & Technology</i> , 2021, 55, 13677-13686.	4.6	21
4	The diurnal cycle of CO_2 in the coastal region of the Baltic Sea. <i>Ocean Science</i> , 2021, 17, 1657-1675.	1.3	8
5	Statistical analysis of factors driving surface ozone variability over continental South Africa. <i>Journal of Integrative Environmental Sciences</i> , 2020, 17, 1-28.	1.0	5
6	Root-zone soil moisture variability across African savannas: From pulsed rainfall to land-cover switches. <i>Ecohydrology</i> , 2020, 13, e2213.	1.1	10
7	Six-year observations of aerosol optical properties at a southern African grassland savannah site. <i>Atmospheric Environment</i> , 2020, 230, 117477.	1.9	2
8	Characterising Particulate Organic Nitrogen at A Savannah-Grassland Region in South Africa. <i>Atmosphere</i> , 2019, 10, 492.	1.0	10
9	Assessment of polar organic aerosols at a regional background site in southern Africa. <i>Journal of Atmospheric Chemistry</i> , 2019, 76, 89-113.	1.4	5
10	OMI Satellite and Ground-Based Pandora Observations and Their Application to Surface NO_2 Estimations at Terrestrial and Marine Sites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1441-1459.	1.2	16
11	Seasonal influences on surface ozone variability in continental South Africa and implications for air quality. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15491-15514.	1.9	26
12	Size-resolved characteristics of inorganic ionic species in atmospheric aerosols at a regional background site on the South African Highveld. <i>Journal of Atmospheric Chemistry</i> , 2018, 75, 285-304.	1.4	5
13	Measuring turbulent CO_2 fluxes with a closed-path gas analyzer in a marine environment. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5335-5350.	1.2	10
14	Global analysis of continental boundary layer new particle formation based on long-term measurements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14737-14756.	1.9	113
15	100 Years of atmospheric and marine observations at the Finnish Utö Island in the Baltic Sea. <i>Ocean Science</i> , 2018, 14, 617-632.	1.3	25
16	Spatial, temporal and source contribution assessments of black carbon over the northern interior of South Africa. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6177-6196.	1.9	21
17	Atmospheric trace metals measured at a regional background site (Welgegund) in South Africa. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4251-4263.	1.9	47
18	Carbon balance of a grazed savanna grassland ecosystem in South Africa. <i>Biogeosciences</i> , 2017, 14, 1039-1054.	1.3	26

#	ARTICLE	IF	CITATIONS
19	composition of ambient and fresh biomass burning aerosols at a savannah site, South Africa. South African Journal of Science, 2016, 112, 8.	0.3	14
20	Submicrometer aerosols and excess CO as tracers for biomass burning air mass transport over southern Africa. Journal of Geophysical Research D: Atmospheres, 2016, 121, 10,262-10,282.	1.2	9
21	Measurements of biogenic volatile organic compounds at a grazed savannah grassland agricultural landscape in South Africa. Atmospheric Chemistry and Physics, 2016, 16, 15665-15688.	1.9	30
22	Reevaluating the contribution of sulfuric acid and the origin of organic compounds in atmospheric nanoparticle growth. Geophysical Research Letters, 2015, 42, 10,486.	1.5	27
23	Automated Continuous Air Monitoring. Comprehensive Analytical Chemistry, 2015, , 183-208.	0.7	10
24	Size-resolved characterisation of organic compounds in atmospheric aerosols collected at Welgegund, South Africa. Journal of Atmospheric Chemistry, 2015, 72, 43-64.	1.4	20
25	Assessment of atmospheric trace metals in the western Bushveld Igneous Complex, South Africa. South African Journal of Science, 2014, 110, 1-11.	0.3	13
26	Rapid changes in biomass burning aerosols by atmospheric oxidation. Geophysical Research Letters, 2014, 41, 2644-2651.	1.5	175
27	Ozone Concentrations and Their Potential Impacts on Vegetation in Southern Africa. Developments in Environmental Science, 2013, 13, 429-450.	0.5	9
28	Warming-induced increase in aerosol number concentration likely to moderate climate change. Nature Geoscience, 2013, 6, 438-442.	5.4	282
29	An air quality assessment in the industrialised western Bushveld Igneous Complex, South Africa. South African Journal of Science, 2012, 108, .	0.3	66
30	Toward Direct Measurement of Atmospheric Nucleation. Science, 2007, 318, 89-92.	6.0	478
31	Measurements of aerosol particle dry deposition velocity using the relaxed eddy accumulation technique. Tellus, Series B: Chemical and Physical Meteorology, 2007, 59, 381-386.	0.8	49
32	New Particle Formation in Clean Savannah Environment. , 2007, , 694-697.		1
33	Aerosol particles in the developing world; a comparison between New Delhi in India and Beijing in China. Water, Air, and Soil Pollution, 2006, 173, 5-20.	1.1	44
34	Diurnal and annual characteristics of particle mass and number concentrations in urban, rural and Arctic environments in Finland. Atmospheric Environment, 2003, 37, 2629-2641.	1.9	167
35	Effect of condensation rate enhancement factor on 3-nm (diameter) particle formation in binary ion-induced and homogeneous nucleation. Journal of Geophysical Research, 2003, 108, .	3.3	35