Annika Saarto

List of Publications by Year
in descending order

22 papers	772 citations	623734 14 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	1224 citing authors

#	Article	IF	Citations
1	Temperature-related changes in airborne allergenic pollen abundance and seasonality across the northern hemisphere: a retrospective data analysis. Lancet Planetary Health, The, 2019, 3, e124-e131.	11.4	204
2	Higher airborne pollen concentrations correlated with increased SARS-CoV-2 infection rates, as evidenced from 31 countries across the globe. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	92
3	MACC regional multi-model ensemble simulations of birch pollen dispersion in Europe. Atmospheric Chemistry and Physics, 2015, 15, 8115-8130.	4.9	70
4	Near-ground effect of height on pollen exposure. Environmental Research, 2019, 174, 160-169.	7.5	58
5	Gloves, extra gloves or special types of gloves for preventing percutaneous exposure injuries in healthcare personnel. The Cochrane Library, 2014, 2014, CD009573.	2.8	54
6	First comparison of symptom data with allergen content (Bet v 1 and Phl p 5 measurements) and pollen data from four European regions during 2009â€“2011. Science of the Total Environment, 2016, 548-549, 229-235.	8.0	41
7	Pollen season is reflected on symptom load for grass and birch pollenâ€induced allergic rhinitis in different geographic areasâ€”An EAACI Task Force Report. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1099-1106.	5.7	34
8	Blunt versus sharp suture needles for preventing percutaneous exposure incidents in surgical staff. The Cochrane Library, 2016, 2016, CD009170.	2.8	27
9	The grass pollen season 2015: a proof of concept multi-approach study in three different European cities. World Allergy Organization Journal, 2017, 10, 31.	3.5	26
10	A statistical model for predicting the inter-annual variability of birch pollen abundance in Northern and North-Eastern Europe. Science of the Total Environment, 2018, 615, 228-239.	8.0	25
11	Detection and characterization of birch pollen in the atmosphere using a multiwavelength Raman polarization lidar and Hirst-type pollen sampler in Finland. Atmospheric Chemistry and Physics, 2019, 19, 14559-14569.	4.9	24
12	Incorporation of pollen data in source maps is vital for pollen dispersion models. Atmospheric Chemistry and Physics, 2020, 20, 2099-2121.	4.9	22
13	Pollen viability of Scots pine (Pinus sylvestris) in different temperature conditions: high levels of variation among and within latitudes. Forest Ecology and Management, 2002, 167, 149-160.	3.2	21
14	Optical characterization of pure pollen types using a multi-wavelength Raman polarization lidar. Atmospheric Chemistry and Physics, 2020, 20, 15323-15339.	4.9	21
15	Flowering and Airborne Pollen Occurrence in a Pinus sylvestris Seed Orchard Consisting of Northern Clones. Scandinavian Journal of Forest Research, 2003, 18, 111-117.	1.4	13
16	Pollenâ€“pollen interactions inPinus sylvestris. Scandinavian Journal of Forest Research, 2004, 19, 199-205.	1.4	12
17	Unusually high birch (Betula spp.) pollen concentrations in Poland in 2016 related to long-range transport (LRT) and the regional pollen occurrence. Aerobiologia, 2021, 37, 543-559.	1.7	12
18	Southern pollen sired more seeds than northern pollen in southern seed orchards established with northern clones of Pinus sylvestris. Scandinavian Journal of Forest Research, 2009, 24, 8-14.	1.4	8

#	Article	IF	Citations
19	Alder pollen in Finland ripens after a short exposure to warm days in early spring, showing biennial variation in the onset of pollen ripening. Agricultural and Forest Meteorology, 2017, 247, 408-413.	4.8	6
20	Integrating Sustainability-Oriented Ecologies of Practice Across the Learning Cycle: Supporting Transformative Behaviours in Transgenerational, Transnational and Transdisciplinary Spaces. Discourse and Communication for Sustainable Education, 2021, 12, 142-154.	1.1	1
21	Bioaerosols in the atmosphere at two sites in Northern Europe in spring 2021: Outline of an experimental campaign. Environmental Research, 2022, 214, 113798.	7.5	1
22	Airborne Pollen Observed by PollyXT Raman Lidar at Finokalia, Crete. EPJ Web of Conferences, 2020, 237, 02005.	0.3	0