Rostislav Kouznetsov

List of Publications by Year
in descending order

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Version: 2024-02-01

32	1,039	471061	454577
papers	citations	17	30
		h-index	g-index

58	58	58	1811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential impact of government lockdown policies on reducing air pollution levels and related mortality in Europe. Scientific Reports, 2022, 12, 726.	1.6	20
2	Reconstructing multi-decadal airborne birch pollen levels based on NDVI data and a pollen transport model. Agricultural and Forest Meteorology, 2022, 320, 108942.	1.9	1
3	Bioaerosols in the atmosphere at two sites in Northern Europe in spring 2021: Outline of an experimental campaign. Environmental Research, 2022, 214, 113798.	3.7	1
4	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 168-190.	2.7	46
5	Modelling grass pollen levels in Belgium. Science of the Total Environment, 2021, 753, 141903.	3.9	7
6	A note on precision-preserving compression of scientific data. Geoscientific Model Development, 2021, 14, 377-389.	1.3	4
7	The Innovative Strategies for Observations in the Arctic Atmospheric Boundary Layer Project (ISOBAR): Unique Finescale Observations under Stable and Very Stable Conditions. Bulletin of the American Meteorological Society, 2021, 102, E218-E243.	1.7	23
8	Estimating lockdown-induced European NO₂ changes using satellite and surface observations and air quality models. Atmospheric Chemistry and Physics, 2021, 21, 7373-7394.	1.9	55
9	Impact of the COVID-19 lockdown policies on reducing air pollution levels and related deaths in Europe. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
10	Spatio-Temporal Modeling of Grass and Birch Pollen in Belgium. Springer Proceedings in Complexity, 2021, , 113-118.	0.2	0
11	The effect of accounting for public holidays on the skills of the atmospheric composition model SILAM v.5.7. Geoscientific Model Development, 2021, 14, 7459-7475.	1.3	1
12	A demonstration project of Global Alliance against Chronic Respiratory Diseases: Prediction of interactions between air pollution and allergen exposureâ€"the Mobile Airways Sentinel NetworK-Impact of air POLLution on Asthma and Rhinitis approach. Chinese Medical Journal, 2020, 133, 1561-1567.	0.9	19
13	Technical note: Intermittent reduction of the stratospheric ozone over northern Europe caused by a storm in the Atlantic Ocean. Atmospheric Chemistry and Physics, 2020, 20, 1839-1847.	1.9	8
14	Snow Samples Combined With Long-Range Transport Modeling to Reveal the Origin and Temporal Variability of Black Carbon in Seasonal Snow in SodankylÃ (67Â°N). Frontiers in Earth Science, 2020, 8, .	0.8	12
15	Simulating age of air and the distribution of SF₆ in the stratosphere with the SILAM model. Atmospheric Chemistry and Physics, 2020, 20, 5837-5859.	1.9	10
16	Spatio-temporal monitoring and modelling of birch pollen levels in Belgium. Aerobiologia, 2019, 35, 703-717.	0.7	18
17	Ensemble forecasts of air quality in eastern China â€“ Part 2: Evaluation of the MarcoPoloâ€“Panda prediction system, version 1. Geoscientific Model Development, 2019, 12, 1241-1266.	1.3	25
18	Current state of the global operational aerosol multiâ€model ensemble: An update from the International Cooperative for Aerosol Prediction (ICAP). Quarterly Journal of the Royal Meteorological Society, 2019, 145, 176-209.	1.0	66

#	Article	IF	Citations
19	Ensemble forecasts of air quality in eastern China â€“ Part 1: Model description and implementation of the MarcoPoloâ€“Panda prediction system, version 1. Geoscientific Model Development, 2019, 12, 33-67.	1.3	39
20	Sodar Observation of the ABL Structure and Waves over the Black Sea Offshore Site. Atmosphere, 2019, 10, 811.	1.0	8
21	Cleaner fuels for ships provide public health benefits with climate tradeoffs. Nature Communications, 2018, 9, 406.	5.8	279
22	Uncertainty of eddy covariance flux measurements over an urban area based on two towers. Atmospheric Measurement Techniques, 2018, 11, 5421-5438.	1.2	25
23	Innovative Strategies for Observations in the Arctic Atmospheric Boundary Layer (ISOBAR)â€”The Hailuoto 2017 Campaign. Atmosphere, 2018, 9, 268.	1.0	45
24	Recent meteorological and marine studies to support nuclear power plant safety in Finland. Energy, 2018, 165, 1102-1118.	4.5	9
25	Properties and temporal variability of summertime temperature inversions over <scp>D</scp>ronning <scp>M</scp>aud <scp>L</scp>and, <scp>A</scp>ntarctica. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 582-595.	1.0	6
26	Multi-model ensemble simulations of olive pollen distribution in Europe in 2014: current status and outlook. Atmospheric Chemistry and Physics, 2017, 17, 12341-12360.	1.9	25
27	Construction of the SILAM Eulerian atmospheric dispersion model based on the advection algorithm of Michael Galperin. Geoscientific Model Development, 2015, 8, 3497-3522.	1.3	110
28	The Composite Shape and Structure of Braid Patterns in Kelvinâ€“Helmholtz Billows Observed with a Sodar. Journal of Atmospheric and Oceanic Technology, 2013, 30, 2704-2711.	0.5	12
29	A methodology for evaluation of vertical dispersion and dry deposition of atmospheric aerosols. Journal of Geophysical Research, 2012, 117, .	3.3	61
30	Determination of the turbulent fluxes of heat and momentum in the ABL by ground-based remote-sensing techniques (a Review). Meteorologische Zeitschrift, 2007, 16, 325-335.	0.5	21
31	The vertical structure of turbulent momentum flux in the lower part of the atmospheric boundary layer. Meteorologische Zeitschrift, 2007, 16, 367-373.	0.5	15
32	Wind and turbulence in the urban boundary layer analysis from acoustic remote sensing data and fit to analytical relations. Meteorologische Zeitschrift, 2007, 16, 393-406.	0.5	43