

Peter Huszár

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

649
citations

516215

16
h-index

642321

23
g-index

64
all docs

64
docs citations

64
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution biogenic global emission inventory for the time period 2000–2019 for air quality modelling. <i>Earth System Science Data</i> , 2022, 14, 251-270.	3.7	32
2	Stratospheric contraction caused by increasing greenhouse gases. <i>Environmental Research Letters</i> , 2021, 16, 064038.	2.2	33
3	Impact of season, cloud cover, and air pollution on different spectral regions of ultraviolet and visible incident solar radiation at the surface. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 2834-2849.	1.0	7
4	Validation of the PALM model system 6.0 in a real urban environment: a case study in Dejvice, Prague, the Czech Republic. <i>Geoscientific Model Development</i> , 2021, 14, 4797-4842.	1.3	26
5	The regional impact of urban emissions on air quality in Europe: the role of the urban canopy effects. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14309-14332.	1.9	8
6	Urban canopy meteorological forcing and its impact on ozone and PM _{2.5} : role of vertical turbulent transport. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1977-2016.	1.9	20
7	High Resolution Air Quality Forecasting over Prague within the URBI PRAGENSI Project: Model Performance during the Winter Period and the Effect of Urban Parameterization on PM. <i>Atmosphere</i> , 2020, 11, 625.	1.0	11
8	The impact of urban land-surface on extreme air pollution over central Europe. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11655-11681.	1.9	16
9	The “urban meteorology island”: a multi-model ensemble analysis. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15061-15077.	1.9	16
10	On the comparison of urban canopy effects parameterisation. <i>International Journal of Environment and Pollution</i> , 2019, 65, 177.	0.2	8
11	The impact of urban canopy meteorological forcing on summer photochemistry. <i>Atmospheric Environment</i> , 2018, 176, 209-228.	1.9	20
12	Impact of urban canopy meteorological forcing on aerosol concentrations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14059-14078.	1.9	19
13	Multi-model comparison of urban heat island modelling approaches. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10655-10674.	1.9	25
14	Revisiting internal gravity waves analysis using GPS RO density profiles: comparison with temperature profiles and application for wave field stability study. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 515-527.	1.2	9
15	The regional impact of urban emissions on climate over central Europe: present and future emission perspectives. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12993-13013.	1.9	13
16	On the long-term impact of emissions from central European cities on regional air quality. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1331-1352.	1.9	27
17	Regional climate model assessment of the urban land-surface forcing over central Europe. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12393-12413.	1.9	38
18	Impact of the Asian monsoon anticyclone on the variability of mid-to-upper tropospheric methane above the Mediterranean Basin. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11427-11446.	1.9	26

#	ARTICLE	IF	CITATIONS
19	Manifestation of reanalyzed QBO and SSC signals. <i>Theoretical and Applied Climatology</i> , 2013, 112, 637-646.	1.3	6
20	Modeling the present and future impact of aviation on climate: an AOGCM approach with online coupled chemistry. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 10027-10048.	1.9	19
21	Imprint of the 11-year solar cycle in reanalyzed and radiosonde datasets: a spatial frequency analysis approach. <i>Climatic Change</i> , 2012, 110, 85-99.	1.7	3
22	Interactive coupling of a regional climate model and a chemical transport model: evaluation and preliminary results on ozone and aerosol feedback. <i>Climate Research</i> , 2012, 51, 59-88.	0.4	20
23	Modelling the effects of climate change on air quality over Central and Eastern Europe: concept, evaluation and projections. <i>Climate Research</i> , 2012, 53, 179-203.	0.4	45
24	Evaluation of near surface ozone in air quality simulations forced by a regional climate model over Europe for the period 1991–2000. <i>Atmospheric Environment</i> , 2011, 45, 6489-6500.	1.9	29
25	Effects of climate change on ozone and particulate matter over Central and Eastern Europe. <i>Climate Research</i> , 2011, 50, 51-68.	0.4	29
26	Decadal regional air quality simulations over Europe in present climate: near surface ozone sensitivity to external meteorological forcing. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11805-11821.	1.9	41
27	Modeling the regional impact of ship emissions on NO _x and ozone levels over the Eastern Atlantic and Western Europe using ship plume parameterization. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 6645-6660.	1.9	60
28	Regional Climate Change Impacts on Air Quality in CECILIA EC 6FP Project. <i>NATO Security Through Science Series C: Environmental Security</i> , 2008, , 577-585.	0.1	0
29	Verification of Ship Plumes Modelling and Their Impacts on Air Quality and Climate Change in QUANTIFY EC 6FP Project. <i>NATO Security Through Science Series C: Environmental Security</i> , 2008, , 709-710.	0.1	0
30	Validation of gas phase chemistry in the WRF-Chem model over Europe. <i>Advances in Science and Research</i> , 0, 14, 181-186.	1.0	21