Michal Å½Ã¡k

List of Publications by Year
in descending order

		1163117	1058476
19 papers	**202** citations	**8** h-index	**14** g-index
20 all docs	**20** docs citations	**20** times ranked	**256** citing authors

#	Article	IF	Citations
1	Regional climate model assessment of the urban land-surface forcing over central Europe. Atmospheric Chemistry and Physics, 2014, 14, 12393-12413.	4.9	38
2	Stratospheric contraction caused by increasing greenhouse gases. Environmental Research Letters, 2021, 16, 064038.	5.2	33
3	Multi-model comparison of urban heat island modelling approaches. Atmospheric Chemistry and Physics, 2018, 18, 10655-10674.	4.9	25
4	Urban canopy meteorological forcing and its impact on ozone and $PM_{2.5}$: role of vertical turbulent transport. Atmospheric Chemistry and Physics, 2020, 20, 1977-2016.	4.9	20
5	Influence of synoptic scale atmospheric circulation on the development of urban heat island in Prague and Bucharest. Urban Climate, 2020, 34, 100681.	5.7	12
6	An analysis of the spatial distribution of approximate 8 years periodicity in NCEP/NCAR and ERA-40 temperature fields. European Physical Journal: Special Topics, 2009, 174, 147-155.	2.6	9
7	CMSAF Radiation Data: New Possibilities for Climatological Applications in the Czech Republic. Remote Sensing, 2015, 7, 14445-14457.	4.0	9
8	Climate and land-use as the main drivers of recent environmental change in a mid-altitude mountain lake, Romanian Carpathians. PLoS ONE, 2020, 15, e0239209.	2.5	9
9	New climate atlas of Czechia. Studia Geophysica Et Geodaetica, 2007, 51, 345-349.	0.5	8
10	On the comparison of urban canopy effects parameterisation. International Journal of Environment and Pollution, 2019, 65, 177.	0.2	8
11	Areal analysis of oscillations in 500 hPa temperature field: a pseudo 2D wavelet transform approach. International Journal of Climatology, 2011, 31, 1545-1553.	3.5	6
12	Manifestation of reanalyzed QBO and SSC signals. Theoretical and Applied Climatology, 2013, 112, 637-646.	2.8	6
13	Denial of Service Attacks Mitigation in the Cloud. , 2015, , .		5
14	Imprint of the 11-year solar cycle in reanalyzed and radiosonde datasets: a spatial frequency analysis approach. Climatic Change, 2012, 110, 85-99.	3.6	3
15	Security of the Cloud. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2015, , 363-404.	0.5	2
16	Cloud based Distributed Denial of Service Alleviation System. Annals of Emerging Technologies in Computing, 2020, 4, 44-53.	1.3	2
17	On the use of the CM-SAF cloud-data in the Czech Republic. Proceedings of SPIE, 2013, , .	0.8	1
18	New indicator for classification of agroclimatic conditions for the cultivation of catch crops. Archives of Agronomy and Soil Science, 2017, 63, 250-260.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Challenges in Interpreting Geochemical Data: An Appraisal of Analytical Techniques Applied to a Karstic Lake Sediment Record. Water (Switzerland), 2022, 14, 806.	2.7	0