

# Alexander V Chernokulsky

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8921501/publications.pdf>

Version: 2024-02-01

44  
papers

1,120  
citations

394286

19  
h-index

414303

32  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diurnal asymmetry to the observed global warming. <i>International Journal of Climatology</i> , 2017, 37, 79-93.	1.5	208
2	Crucial role of Black Sea warming in amplifying the 2012 Krymsk precipitation extreme. <i>Nature Geoscience</i> , 2015, 8, 615-619.	5.4	111
3	Observed changes in convective and stratiform precipitation in Northern Eurasia over the last five decades. <i>Environmental Research Letters</i> , 2019, 14, 045001.	2.2	69
4	Climatology of Total Cloudiness in the Arctic: An Intercomparison of Observations and Reanalyses. <i>Advances in Meteorology</i> , 2012, 2012, 1-15.	0.6	56
5	Recent variations of cloudiness over Russia from surface daytime observations. <i>Environmental Research Letters</i> , 2011, 6, 035202.	2.2	47
6	A Dynamic Analysis of the Role of the Planetary- and Synoptic-Scale in the Summer of 2010 Blocking Episodes over the European Part of Russia. <i>Advances in Meteorology</i> , 2012, 2012, 1-11.	0.6	45
7	Climatology and Interannual Variability of Cloudiness in the Atlantic Arctic from Surface Observations since the Late Nineteenth Century. <i>Journal of Climate</i> , 2017, 30, 2103-2120.	1.2	41
8	A satellite-derived climatology of unreported tornadoes in forested regions of northeast Europe. <i>Remote Sensing of Environment</i> , 2018, 204, 553-567.	4.6	36
9	Climate Changes in Siberia. <i>Springer Environmental Science and Engineering</i> , 2013, , 57-109.	0.1	34
10	Tornadoes in Northern Eurasia: From the Middle Age to the Information Era. <i>Monthly Weather Review</i> , 2020, 148, 3081-3110.	0.5	34
11	Analysis of changes in tornadogenesis conditions over Northern Eurasia based on a simple index of atmospheric convective instability. <i>Doklady Earth Sciences</i> , 2017, 477, 1504-1509.	0.2	30
12	Regional model assessments of fire risks under global climate changes. <i>Doklady Earth Sciences</i> , 2006, 411, 1485-1488.	0.2	29
13	The tornado over Khanty-Mansiysk: An exception or a symptom?. <i>Russian Meteorology and Hydrology</i> , 2013, 38, 539-546.	0.2	28
14	A link between surface air temperature and extreme precipitation over Russia from station and reanalysis data. <i>Environmental Research Letters</i> , 2021, 16, 105004.	2.2	27
15	An ensemble approach to simulate CO <sub>2</sub> emissions from natural fires. <i>Biogeosciences</i> , 2014, 11, 3205-3223.	1.3	25
16	Cloud cover and cloud types in the Eurasian Arctic in 1936–2012. <i>International Journal of Climatology</i> , 2019, 39, 5771-5790.	1.5	24
17	Variations in the characteristics of cyclonic activity and cloudiness in the atmosphere of extratropical latitudes of the Northern Hemisphere based from model calculations compared with the data of the reanalysis and satellite data. <i>Doklady Earth Sciences</i> , 2009, 424, 147-150.	0.2	23
18	Regional model assessments of forest fire risks in the Asian part of Russia under climate change. <i>Geography and Natural Resources</i> , 2010, 31, 165-169.	0.1	22

#	ARTICLE	IF	CITATIONS
19	1984 Ivanovo tornado outbreak: Determination of actual tornado tracks with satellite data. <i>Atmospheric Research</i> , 2018, 207, 111-121.	1.8	21
20	Winter cloudiness variability over Northern Eurasia related to the Siberian High during 1966–2010. <i>Environmental Research Letters</i> , 2013, 8, 045012.	2.2	19
21	Tornadoes in the Russian Regions. <i>Russian Meteorology and Hydrology</i> , 2021, 46, 69-82.	0.2	19
22	A satellite-derived database for stand-replacing windthrow events in boreal forests of European Russia in 1986–2017. <i>Earth System Science Data</i> , 2020, 12, 3489-3513.	3.7	18
23	Satellite-Based Study and Numerical Forecasting of Two Tornado Outbreaks in the Ural Region in June 2017. <i>Atmosphere</i> , 2020, 11, 1146.	1.0	17
24	Diagnosis and modelling of two destructive derecho events in European Russia in the summer of 2010. <i>Atmospheric Research</i> , 2022, 267, 105928.	1.8	15
25	Genesis environments and characteristics of the severe tornado in the South Urals on August 29, 2014. <i>Russian Meteorology and Hydrology</i> , 2015, 40, 794-799.	0.2	14
26	Global warming mitigation by sulphur loading in the stratosphere: dependence of required emissions on allowable residual warming rate. <i>Theoretical and Applied Climatology</i> , 2010, 101, 67-81.	1.3	13
27	Scheme for calculation of multi-layer cloudiness and precipitation for climate models of intermediate complexity. <i>Geoscientific Model Development</i> , 2013, 6, 1745-1765.	1.3	12
28	Climatology of Precipitation of Different Genesis in Northern Eurasia. <i>Russian Meteorology and Hydrology</i> , 2018, 43, 425-435.	0.2	12
29	Influence of ground and peat fires on CO <sub>2</sub> emissions into the atmosphere. <i>Doklady Earth Sciences</i> , 2014, 459, 1565-1569.	0.2	11
30	Convective cloud fields in the Atlantic sector of the Arctic: Satellite and ground-based observations. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2015, 51, 1007-1020.	0.2	10
31	Climatology and Formation Environments of Severe Convective Windstorms and Tornadoes in the Perm Region (Russia) in 1984–2020. <i>Atmosphere</i> , 2021, 12, 1407.	1.0	9
32	The influence of lightning activity and anthropogenic factors on large-scale characteristics of natural fires. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2017, 53, 1-11.	0.2	8
33	Analytical estimations of the efficiency of climate warming prevention by controlled aerosol emissions into the stratosphere. <i>Russian Meteorology and Hydrology</i> , 2010, 35, 301-309.	0.2	6
34	Analysis of Mineral Aerosol in the Surface Layer over the Caspian Lowland Desert by the Data of 12 Summer Field Campaigns in 2002–2020. <i>Atmosphere</i> , 2021, 12, 985.	1.0	6
35	Russian studies on clouds and precipitation in 2011–2014. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2016, 52, 512-523.	0.2	5
36	Influence of long-period oscillations on the development of droughts in Northern Eurasia. <i>Doklady Earth Sciences</i> , 2016, 471, 1217-1220.	0.2	4

#	ARTICLE	IF	CITATIONS
37	Russian Studies on Clouds and Precipitation in 2015â€“2018. Izvestiya - Atmospheric and Oceanic Physics, 2020, 56, 344-363.	0.2	4
38	Development of a GIS database and web service â€œHazardous convective weather events on the territory of Central Federal districtâ€• InterCarto InterGIS, 2021, 27, 120-135.	0.1	2
39	Climatology of cloud overlap parameter. Sovremennye Problemy Distantionnogo Zondirovaniya Zemli Iz Kosmosa, 2017, 14, 216-225.	0.1	1
40	Day and Night Cloudiness Using Satellite Data from Different Sources. Izvestiya Rossiiskaya Akademii Nauk, Seriya Geograficheskaya, 2015, , 48.	0.2	1
41	Aspects of radiative efficiency of geoengineering based on climate models of different complexity. IOP Conference Series: Earth and Environmental Science, 2009, 6, 052020.	0.2	0
42	Objectively and manually identified characteristics of mid-latitude storms: a comparison for Siberian region. , 2018, , .		0
43	Influence of atmospheric circulation on characteristics of convective and large-scale precipitation in Northern Eurasia. , 2019, , .		0
44	Evaluation of convective instability of the atmosphere in the cases with squalls, tornadoes and large hail events according to satellite observations and ERA5 reanalysis data. Atmospheric and Oceanic Optics, 2022, 35, 429-435.	0.0	0