

Ekaterina S Savelieva

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

203
citations

1040056

9
h-index

1125743

13
g-index

28
all docs

28
docs citations

28
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Antarctic polar vortex dynamics during spring 2002. Journal of Earth System Science, 2022, 131, 1.	1.3	8
2	Antarctic Polar Vortex Dynamics Depending on Wind Speed Along the Vortex Edge. Pure and Applied Geophysics, 2022, 179, 2609-2616.	1.9	5
3	Possible influence of the tropospheric polar vortex on the Barents Sea ice extent in winter. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 197, 105173.	1.6	2
4	Arctic polar vortex dynamics during winter 2006/2007. Polar Science, 2020, 25, 100532.	1.2	17
5	Unprecedented Ozone Depletion in the Arctic Stratosphere during Winterâ€“Spring of 2020. Doklady Earth Sciences, 2020, 495, 901-904.	0.7	6
6	Influence of the stratospheric polar vortex on the tropospheric vortex dynamics in winter. , 2020, , .		1
7	Influence of the polar vortex strength and the QBO phase on Arctic ozone depletion. , 2020, , .		0
8	Temperature variability in the upper polar stratosphere depending on the polar vortex strength. , 2020, , .		0
9	Antarctic polar vortex weakening due to a temperature decrease in the lower subtropical stratosphere. , 2020, , .		2
10	Influence of the Temperature of the Lower Subtropical Stratosphere on Antarctic Polar Vortex Dynamics. Atmospheric and Oceanic Optics, 2020, 33, 708-711.	1.3	4
11	Traces of Canadian Pyrocumulonimbus Clouds in the Stratosphere over Tomsk in June-July, 1991. Atmospheric and Oceanic Optics, 2019, 32, 316-323.	1.3	6
12	The cause of the spring strengthening of the Antarctic polar vortex. Dynamics of Atmospheres and Oceans, 2019, 87, 101097.	1.8	20
13	The role of the polar vortex strength during winter in Arctic ozone depletion from late winter to spring. Polar Science, 2019, 22, 100469.	1.2	12
14	Arctic polar vortex splitting in early January: The role of Arctic sea ice loss. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 195, 105137.	1.6	3
15	Lidar observations of pyrocumulonimbus smoke plumes in the UTLS over Tomsk (Western Siberia.) Tj ETQq1 1 0.784314 rgBTj /Overlock 4.9		
16	The cause of the strengthening of the Antarctic polar vortex during Octoberâ€“November periods. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 190, 1-5.	1.6	17
17	Plinian eruptions as a potential source of black carbon in the stratosphere. , 2019, , .		1
18	Sudden stratospheric warming effects during the winter 1998/1999. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Influence of the upward wave activity flux in the winter 2012/2013 on the Arctic polar vortex. , 2019, , .		0
20	Study of the Possible Impact of the Calbuco Volcano Eruption on the Abnormal Destruction of Stratospheric Ozone over the Antarctic in Spring 2015. Atmospheric and Oceanic Optics, 2018, 31, 665-669.	1.3	6
21	The role of the Mt. Merapi eruption in the 2011 Arctic ozone depletion. Atmospheric Environment, 2017, 166, 327-333.	4.1	14
22	30-year lidar observations of the stratospheric aerosol layer state over Tomsk (Western Siberia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	4.9	32
23	On the role of the eruption of the Merapi volcano in an anomalous total ozone decrease over Tomsk in April 2011. Atmospheric and Oceanic Optics, 2016, 29, 298-303.	1.3	1
24	Temperature and ozone anomalies as indicators of volcanic soot in the stratosphere. Atmospheric and Oceanic Optics, 2015, 28, 100-106.	1.3	10
25	The Antarctic ozone depletion caused by Erebus volcano gas emissions. Atmospheric Environment, 2015, 122, 393-399.	4.1	16
26	Kinetics and mechanism of the reaction of fluorine atoms with trifluoroacetic acid. Chemical Physics Letters, 2011, 512, 172-177.	2.6	9