Ekaterina S Savelieva

List of Publications by Year
in descending order

26	203	1040056 9	1125743 13
papers	citations	h-index	g-index

28	28	28	233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	30-year lidar observations of the stratospheric aerosol layer state over Tomsk (Western Siberia,) Tj ETQq1 1 0.784314 rgBT /Overlock	4.9	32
2	The cause of the spring strengthening of the Antarctic polar vortex. Dynamics of Atmospheres and Oceans, 2019, 87, 101097.	1.8	20
3	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
4	Arctic polar vortex dynamics during winter 2006/2007. Polar Science, 2020, 25, 100532.	1.2	17
5	The Antarctic ozone depletion caused by Erebus volcano gas emissions. Atmospheric Environment, 2015, 122, 393-399.	4.1	16
6	The role of the Mt. Merapi eruption in the 2011 Arctic ozone depletion. Atmospheric Environment, 2017, 166, 327-333.	4.1	14
7	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
8	Temperature and ozone anomalies as indicators of volcanic soot in the stratosphere. Atmospheric and Oceanic Optics, 2015, 28, 100-106.	1.3	10
9	Kinetics and mechanism of the reaction of fluorine atoms with trifluoroacetic acid. Chemical Physics Letters, 2011, 512, 172-177.	2.6	9
10	Lidar observations of pyrocumulonimbus smoke plumes in the UTLS over Tomsk (Western Siberia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.9	9
11	Antarctic polar vortex dynamics during spring 2002. Journal of Earth System Science, 2022, 131, 1.	1.3	8
12	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
13	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
14	Unprecedented Ozone Depletion in the Arctic Stratosphere during Winterâ€“Spring of 2020. Doklady Earth Sciences, 2020, 495, 901-904.	0.7	6
15	Antarctic Polar Vortex Dynamics Depending on Wind Speed Along the Vortex Edge. Pure and Applied Geophysics, 2022, 179, 2609-2616.	1.9	5
16	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
17	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
18	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

#	Article	IF	Citations
19	Antarctic polar vortex weakening due to a temperature decrease in the lower subtropical stratosphere. , 2020, , .		2
20	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
21	Plinian eruptions as a potential source of black carbon in the stratosphere. , 2019, , .		1
22	Influence of the stratospheric polar vortex on the tropospheric vortex dynamics in winter. , 2020, , .		1
23	Sudden stratospheric warming effects during the winter 1998/1999. , 2019, , .		0
24	Influence of the upward wave activity flux in the winter 2012/2013 on the Arctic polar vortex. , 2019, , .		0
25	Influence of the polar vortex strength and the QBO phase on Arctic ozone depletion. , 2020, , .		0
26	Temperature variability in the upper polar stratosphere depending on the polar vortex strength. , 2020, , .		0