Gennadi Milinevsky

List of Publications by Year
in descending order

102 papers	1,829 citations	430874 18 h-index	315739 38 g-index
116 all docs	116 docs citations	116 times ranked	2340 citing authors

#	Article	IF	Citations
1	The 16-year periodicity in the winter surface temperature variations in the Antarctic Peninsula region. Climate Dynamics, 2022, 58, 35-47.	3.8	1
2	Zonal Asymmetry of the Stratopause in the 2019/2020 Arctic Winter. Remote Sensing, 2022, 14, 1496.	4.0	4
3	Spring 2020 Atmospheric Aerosol Contamination over Kyiv City. Atmosphere, 2022, 13, 687.	2.3	3
4	Rossby Waves in Total Ozone over the Arctic in 2000â€“2021. Remote Sensing, 2022, 14, 2192.	4.0	4
5	The Annual Cycle in Mid-Latitude Stratospheric and Mesospheric Ozone Associated with Quasi-Stationary Wave Structure by the MLS Data 2011â€“2020. Remote Sensing, 2022, 14, 2309.	4.0	1
6	Coastal regions of the northern Antarctic Peninsula are key for gentoo populations. Biology Letters, 2021, 17, 20200708.	2.3	10
7	Planetary Wave Spectrum in the Stratosphereâ€“Mesosphere during Sudden Stratospheric Warming 2018. Remote Sensing, 2021, 13, 1190.	4.0	5
8	Aerosol-UA satellite mission for the polarimetric study of aerosols in the atmosphere. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 267, 107601.	2.3	5
9	Mid-Latitude Mesospheric Zonal Wave 1 and Wave 2 in Recent Boreal Winters. Remote Sensing, 2021, 13, 3749.	4.0	2
10	ÐŸÐ›ÐžÐ©Ð•ÐžÐ—ÐžÐÐžÐ'ÐžÐ‡ Ð"Ð†ÐÐ˜ ÐÐÐ" ÐÐÐ¢ÐÐÐšÐ¢Ð˜ÐšÐžÐ® Ð£ Ð'Ð•ÐÐ•Ð¡ÐÐ† 2021 ÐÐžÐšÐ£. , 2021, , .	0	
11	Vertical ozone profiles in the atmosphere over the Antarctic Peninsula and Kyiv by Umkehr observations. Ukrainian Antarctic Journal, 2021, , 35-47.	0.7	0
12	Essential variables for air quality estimation. International Journal of Digital Earth, 2020, 13, 278-298.	3.9	17
13	Atmospheric Aerosol Distribution in 2016â€“2017 over the Eastern European Region Based on the GEOS-Chem Model. Atmosphere, 2020, 11, 722.	2.3	7
14	Early indications of anomalous behaviour in the 2019 spring ozone hole over Antarctica. International Journal of Remote Sensing, 2020, 41, 7530-7540.	2.9	17
15	Investigation of the Vertical Influence of the 11-Year Solar Cycle on Ozone Using SBUV and Antarctic Ground-Based Measurements and CMIP6 Forcing Data. Atmosphere, 2020, 11, 873.	2.3	4
16	Applying the Anna Karenina principle for wild animal gut microbiota: Temporal stability of the bank vole gut microbiota in a disturbed environment. Journal of Animal Ecology, 2020, 89, 2617-2630.	2.8	28
17	Comparison of Major Sudden Stratospheric Warming Impacts on the Mid-Latitude Mesosphere Based on Local Microwave Radiometer CO Observations in 2018 and 2019. Remote Sensing, 2020, 12, 3950.	4.0	8
18	Winter climate change on the northern and southern Antarctic Peninsula. Antarctic Science, 2020, 32, 408-424.	0.9	2

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19	Model of the propagation of very low-frequency beams in the Earthâ€“ionosphere waveguide: principles of the tensor impedance method in multi-layered gyrotropic waveguides. Annales Geophysicae, 2020, 38, 207-230.	1.6	6
20	The Major Sudden Stratospheric Warming Impact on Mid-Latitude Surface Weather. EPJ Web of Conferences, 2020, 237, 04007.	0.3	5
21	The harmonization of small-scale marine spatial protection in the Argentine Islands area (Antarctic) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	4
22	Assessment of the zonal asymmetry trend in Antarctic total ozonecolumn using TOMS measurements and CCMVal-2 models. Ukrainian Antarctic Journal, 2020, , 50-58.	0.7	1
23	Decadal changes in the central tropical Pacific teleconnection to the Southern Hemisphere extratropics. Climate Dynamics, 2019, 52, 4027-4055.	3.8	10
24	Winter 2018 major sudden stratospheric warming impact on midlatitude mesosphere from microwave radiometer measurements. Atmospheric Chemistry and Physics, 2019, 19, 10303-10317.	4.9	19
25	Exposure to environmental radionuclides associates with tissue-specific impacts on telomerase expression and telomere length. Scientific Reports, 2019, 9, 850.	3.3	34
26	Ecological mechanisms can modify radiation effects in a key forest mammal of Chernobyl. Ecosphere, 2019, 10, e02667.	2.2	22
27	Calibration model of polarimeters on board the Aerosol-UA space mission. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 229, 92-105.	2.3	13
28	The Antarctic ozone hole during 2017. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 29.	1.8	5
29	Individual variation in migratory movements of chinstrap penguins leads to widespread occupancy of ice-free winter habitats over the continental shelf and deep ocean basins of the Southern Ocean. PLoS ONE, 2019, 14, e0226207.	2.5	14
30	Polarimetric remote sensing of atmospheric aerosols: Instruments, methodologies, results, and perspectives. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 224, 474-511.	2.3	224
31	The influence of large amplitude planetary waves on the Antarctic ozone hole of austral spring 2017. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 57.	1.8	5
32	Weekly cycle in the atmosphere aerosol variations for industrial regions. Advances in Astronomy and Space Physics, 2019, 9, 20-27.	0.2	1
33	Preliminary comparison of the direct aerosol radiative forcing over Ukraine and Antarctic AERONET sites. Ukrainian Antarctic Journal, 2019, , 128-138.	0.7	0
34	Transcriptional Upregulation of DNA Damage Response Genes in Bank Voles (Myodes glareolus) Inhabiting the Chernobyl Exclusion Zone. Frontiers in Environmental Science, 2018, 5, .	3.3	13
35	Atmospheric Aerosol Over Ukraine Region: Current Status of Knowledge and Research Efforts. Frontiers in Environmental Science, 2018, 6, .	3.3	13
36	Estimating nestâ€level phenology and reproductive success of colonial seabirds using timeâ€lapse cameras. Methods in Ecology and Evolution, 2018, 9, 1853-1863.	5.2	27

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37	Multispectral imager-polarimeter of the "AEROSOL-UA" space project. KosmÃ¬Ämna Nauka Ã¬ TehnologÃ¬Ã¢, 2018, 24, 23-32.	0.5	4
38	SEARCHING OF WEEKLY CYCLES IN THE AEROSOL PARAMETERS OF ANTARCTIC ATMOSPHERE IN COMPARISON WITH EARTH INDUSTRIAL REGIONS. Ukrainian Antarctic Journal, 2018, , 92-103.	0.7	0
39	Evolution of the eastward shift in the quasi-stationary minimum of the Antarctic total ozone column. Atmospheric Chemistry and Physics, 2017, 17, 1741-1758.	4.9	15
40	Ground-based acoustic parametric generator impact on the atmosphere and ionosphere in an active experiment. Annales Geophysicae, 2017, 35, 53-70.	1.6	10
41	Aerosol properties in atmosphere over Kyiv using lidar and sun-photometer observations. KosmÃ¬Ämna Nauka Ã¬ TehnologÃ¬Ã¢, 2017, 23, 37-47.	0.5	3
42	Atmospheric aerosol distribution in the Belarus-Ukraine region by the GEOSâ€“Chem model and AERONET measurements. International Journal of Remote Sensing, 2016, 37, 3181-3195.	2.9	16
43	New satellite project Aerosol-UA: Remote sensing of aerosols in the terrestrial atmosphere. Acta Astronautica, 2016, 123, 292-300.	3.2	30
44	Ozonometer M-124 calibration for the Ukrainian network: method and results. Advances in Astronomy and Space Physics, 2016, 6, 85-93.	0.2	0
45	The Antarctic Regional GPS Network Densification: Status and Results. International Association of Geodesy Symposia, 2015, , 133-139.	0.4	4
46	Teleconnection between the central tropical Pacific and the Antarctic stratosphere: spatial patterns and time lags. Climate Dynamics, 2015, 44, 1841-1855.	3.8	12
47	Heterogeneous relationships between abundance of soil surface invertebrates and radiation from Chernobyl. Ecological Indicators, 2015, 52, 128-133.	6.3	17
48	Methodology, hardware implementation, and validation of satellite remote sensing of atmospheric aerosols: first results of the Aerosol-UA space experiment development. KosmÃ¬Ämna Nauka Ã¬ TehnologÃ¬Ã¢, 2015, 21, 9-17.	0.5	8
49	Remote sensing of aerosol in the terrestrial atmosphere from space: new missions. Advances in Astronomy and Space Physics, 2015, 5, 11-16.	0.2	9
50	ATMOSPHERIC OZONE PROFILES DURING VASYLKIV OIL BURNING EPISODE. Odessa Astronomical Publications, 2015, 28, 55-57.	0.2	0
51	Aerosol seasonal variations over urbanâ€“industrial regions in Ukraine according to AERONET and POLDER measurements. Atmospheric Measurement Techniques, 2014, 7, 1459-1474.	3.1	27
52	Highly reduced mass loss rates and increased litter layer in radioactively contaminated areas. Oecologia, 2014, 175, 429-437.	2.0	51
53	Localization of aerosol sources in East-European region by back-trajectory statistics. International Journal of Remote Sensing, 2014, 35, 6993-7006.	2.9	18
54	On the regional distinctions in annual cycle of total ozone in the northern midlatitudes. Remote Sensing Letters, 2014, 5, 205-212.	1.4	8

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55	Tree rings reveal extent of exposure to ionizing radiation in Scots pine Pinus sylvestris. Trees - Structure and Function, 2013, 27, 1443-1453.	1.9	31
56	SCIAMACHY/Envisat, OMI/Aura, and ground-based total ozone measurements over Kyiv-Goloseyev station. International Journal of Remote Sensing, 2013, 34, 5611-5622.	2.9	5
57	Variability of aerosol properties over Eastern Europe observed from ground and satellites in the period from 2003 to 2011. Atmospheric Chemistry and Physics, 2013, 13, 6587-6602.	4.9	40
58	Quasi-stationary planetary waves in late winter Antarctic stratosphere temperature as a possible indicator of spring total ozone. Atmospheric Chemistry and Physics, 2012, 12, 2865-2879.	4.9	18
59	Satellite project Â«Aerosol-UAÂ»:remote sensing of aerosols in the Earthâ€™s atmosphere. KosmÃ¬Ämna Nauka Ã¬ TehnologÃ¬Ã¢, 2012, 18, 3-15.	0.5	5
60	Impact of climate change on Antarctic krill. Marine Ecology - Progress Series, 2012, 458, 1-19.	1.9	253
61	Aerosol layer properties over Kyiv from AERONET/PHOTONS sunphotometer measurements during 2008â€“2009. International Journal of Remote Sensing, 2011, 32, 657-669.	2.9	11
62	Influence of planetary waves on total ozone column distribution in northern and southern high latitudes. International Journal of Remote Sensing, 2011, 32, 3179-3186.	2.9	4
63	Decadal variability of winter temperatures in the Antarctic Peninsula region. Antarctic Science, 2011, 23, 614-622.	0.9	14
64	Troposphere and stratosphere influence on tropopause in the polar regions during winter and spring. International Journal of Remote Sensing, 2011, 32, 3153-3164.	2.9	5
65	Maritime aerosol network as a component of AERONET â€“ first results and comparison with global aerosol models and satellite retrievals. Atmospheric Measurement Techniques, 2011, 4, 583-597.	3.1	152
66	Estimation of solar UV radiation in maritime Antarctica using a nonlinear model including cloud effects. International Journal of Remote Sensing, 2010, 31, 831-849.	2.9	6
67	Ozone distribution in the Antarctic region from the data of 30-year satellite measurements. KosmÃ¬Ämna Nauka Ã¬ TehnologÃ¬Ã¢, 2010, 16, 20-27.	0.5	2
68	Prediction of erythemally effective UVB radiation by means of nonlinear regression model. Environmetrics, 2009, 20, 633-646.	1.4	11
69	Current status of the Antarctic herb tundra formation in the Central Argentine Islands. Global Change Biology, 2009, 15, 1685-1693.	9.5	91
70	Total ozone dependence of the difference between the empirically corrected EP-TOMS and high-latitude station datasets. International Journal of Remote Sensing, 2009, 30, 4283-4294.	2.9	9
71	Total ozone and tropopause zonal asymmetry during the Antarctic spring. Journal of Geophysical Research, 2008, 113, .	3.3	18
72	Comparison of groundâ€based Dobson and satellite EPâ€TOMS total ozone measurements over Vernadsky station, Antarctica, 1996â€“2005. International Journal of Remote Sensing, 2008, 29, 2675-2683.	2.9	7

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73	Scaling effect in planetary waves over Antarctica. International Journal of Remote Sensing, 2008, 29, 2697-2704.	2.9	24
74	Anomalous quasi-stationary planetary waves over the Antarctic region in 1988 and 2002. Annales Geophysicae, 2008, 26, 1101-1108.	1.6	16
75	Atmospheric Impact on GNSS Observations, Sea Level Change Investigations and GPS-Photogrammetry Ice Cap Survey at Vernadsky Station in Antarctic Peninsula. , 2008, , 191-209.		4
76	Antarctic tropopause in winter and spring. KosmÃ¬Ämna Nauka Ã¬ TehnologÃ¬Ã¢, 2008, 14, 58-71.	0.5	0
77	Longitudinal position of the quasiâ€stationary wave extremes over the Antarctic region from the TOMS total ozone. International Journal of Remote Sensing, 2007, 28, 1391-1396.	2.9	7
78	Structure and long-term change in the zonal asymmetry in Antarctic total ozone during spring. Annales Geophysicae, 2007, 25, 361-374.	1.6	57
79	Bistatic HF diagnostics of TIDs over the Antarctic Peninsula. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 403-410.	1.6	13
80	ULF Doppler oscillations ofL= 2.5 flux tubes. Journal of Geophysical Research, 2006, 111, .	3.3	3
81	Antarctic Peninsula sea levels: a real-time system for monitoring Drake Passage transport. Antarctic Science, 2006, 18, 429-436.	0.9	14
82	Condition, reproduction and survival of barn swallows from Chernobyl. Journal of Animal Ecology, 2005, 74, 1102-1111.	2.8	76
83	Zonal wave numbers 1-5 in planetary waves from the TOMS total ozone at 65Â° S. Annales Geophysicae, 2005, 23, 1565-1573.	1.6	19
84	Interannual variability of planetary waves in the ozone layer at 65Â°â€‰S. International Journal of Remote Sensing, 2005, 26, 3377-3387.	2.9	20
85	Ozone and solar UVâ€B radiation: monitoring of the vitamin D synthetic capacity of sunlight in Kiev and Antarctica. International Journal of Remote Sensing, 2005, 26, 3555-3559.	2.9	5
86	In situ and ground-based intercalibration measurements of plasma density atL= 2.5. Journal of Geophysical Research, 2003, 108, .	3.3	24
87	Combined characterisation of GOME and TOMS total ozone measurements from space using ground-based observations from the NDSC. Advances in Space Research, 2000, 26, 1931-1940.	2.6	31
88	Comparison of groud-based and TOMS-EP total ozone data for antarctica and Northern Midlatitude Stations (1996â€“1999). Physics and Chemistry of the Earth, 2000, 25, 459-461.	0.3	8
89	Total ozone measurements from the Ukrainian Antarctic station Vernadsky. , 1997, 3237, 68.		0
90	Simulation of the initial evolution of the CRRES G-9 barium release in the ionosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 1996, 58, 1895-1901.	0.9	1

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91	Optical observations of artificial clouds in the CRRES experiments. Advances in Space Research, 1995, 15, 131-134.	2.6	2
92	Correction [to â€œLong-lived artificial ion clouds in the Earth's Ionosphereâ€]. Geophysical Research Letters, 1994, 21, 2863-2863.	4.0	0
93	Formation and development of striated structure during plasma cloud evolution in the Earth's ionosphere. Planetary and Space Science, 1993, 41, 453-460.	1.7	9
94	Artificial plasma cloud evolution in the low latitude ionosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 1993, 55, 193-195.	0.9	2
95	Longâ€lived artificial ion clouds in the Earth's ionosphere. Geophysical Research Letters, 1993, 20, 1019-1022.	4.0	4
96	<title>Brightness calibration of extended luminous ionospheric objects</title>. , 1993, 2050, 161.		1
97	<title>Ion clouds in CRRES Caribbean barium releases campaign as tracers of ionosphere processes</title>. , 1993, , .		0
98	Dynamics of artificial plasma clouds in â€œSPOLOKHâ€œ experiments : Cloud deformation. Planetary and Space Science, 1984, 32, 1045-1052.	1.7	10
99	Results of ZARNITZA-2, a rocket experiment on artificial electron beam injection in the ionosphere. Advances in Space Research, 1981, 1, 5-15.	2.6	6
100	Fine structure of artificial auroral rays. Advances in Space Research, 1981, 1, 163-165.	2.6	12
101	ÐÐÐ¢ÐÐÐšÐ¢Ð˜Ð§ÐÐ•ÐžÐ—ÐžÐÐžÐ’Ð•Ð”Ð†ÐÐ•Ð£ 2021 ÐÐžÐ¦Ð†. Grail of Science, 0, , 208-212.	0.1	0
102	QUASI-STATIONARY PLANETARY WAVES IN MID-LATITUDE STRATOSPHEREâ€“MESOSPHERE IN WINTER 2011-2020. Grail of Science, 0, , 307-311.	0.1	0