Konstantinos Varotsos

List of Publications by Year
in descending order

309	8,985	17440 63	58581 82
papers	citations	h-index	g-index

346	346	346	3227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new method of nowcasting extreme cosmic ray events. Remote Sensing Letters, 2023, 14, 576-584.	1.4	11
2	Capabilities on Remote Microwave Technologies to Assess the State of Water Systems. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	9
3	Scaling Behavior of Peat Properties during the Holocene: A Case Study from Central European Russia. Land, 2022, 11, 862.	2.9	7
4	On the effects of aviation on carbon-methane cycles and climate change during the period 2015-2100. Atmospheric Pollution Research, 2021, 12, 184-194.	3.8	16
5	Optical Spectral Tools for Diagnosing Water Media Quality: A Case Study on the Angara/Yenisey River System in the Siberian Region. Land, 2021, 10, 342.	2.9	16
6	Editorial Sir John Houghton. Remote Sensing Letters, 2021, 12, 364-376.	1.4	9
7	The Signature of the Coronavirus Lockdown in Air Pollution in Greece. Water, Air, and Soil Pollution, 2021, 232, 119.	2.4	27
8	Diagnostic model for the society safety under COVID-19 pandemic conditions. Safety Science, 2021, 136, 105164.	4.9	25
9	Operational Diagnosis of Arctic Waters with Instrumental Technology and Information Modeling. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	15
10	Nowcasting of air pollution episodes in megacities: A case study for Athens, Greece. Atmospheric Pollution Research, 2021, 12, 101099.	3.8	17
11	Air Quality over China. Remote Sensing, 2021, 13, 3542.	4.0	8
12	COVID-19 pandemic decision support system for a population defense strategy and vaccination effectiveness. Safety Science, 2021, 142, 105370.	4.9	18
13	Assessment of Siberian Permafrost in the Climate Change Regime. , 2021, , .		0
14	On the Contribution of Remote Sensing to the Investigation of the Effects of UV-B on Mechanisms of Ecology, Biodiversity, and Conservation. , 2021, , .		0
15	A new model for the spread of COVID-19 and the improvement of safety. Safety Science, 2020, 132, 104962.	4.9	52
16	A Novel Approach to Monitoring the Quality of Lakes Water by Optical and Modeling Tools: Lake Sevan as a Case Study. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	31
17	A New Climate Nowcasting Tool Based on Paleoclimatic Data. Sustainability, 2020, 12, 5546.	3.2	13
18	Synergy of Active and Passive Remote Sensing Data for Effective Mapping of Oil Palm Plantation in Malaysia. Forests, 2020, 11, 858.	2.1	17

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19	Editorial: A new start with motto â€žfestina lenteâ€ž. Remote Sensing Letters, 2020, 11, 609-610.	1.4	1
20	Microwave Remote Sensing Tools in Environmental Science. , 2020, , .		12
21	Remote Sensing Letters contribution to the success of the Sustainable Development Goals - UN 2030 agenda. Remote Sensing Letters, 2020, 11, 715-719.	1.4	31
22	On the Recovery of the Water Balance. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	7
23	Paleoecological and recent data show a steady temporal evolution of carbon dioxide and temperature. Atmospheric Pollution Research, 2020, 11, 714-722.	3.8	22
24	A New Passive Microwave Tool for Operational Forest Fires Detection: A Case Study of Siberia in 2019. Remote Sensing, 2020, 12, 835.	4.0	23
25	Remote Sensing and Data Processing Algorithms. , 2020, , 45-97.		0
26	Microwave Remote Sensing Monitoring and Global Climate Change Problems. , 2020, , 295-393.		0
27	Constructive Method of Vegetation Microwave Monitoring. , 2020, , 99-120.		0
28	Space Methods and Monitoring Tools for the Investigation of Aquatic Systems. , 2020, , 195-294.		0
29	Microwave Tools for Diagnosing Forest. , 2020, , 163-194.		0
30	Vegetation in Remote. , 2020, , 145-162.		0
31	Basic Concepts of Microwave Radiometry. , 2020, , 1-43.		0
32	Global Climate Monitoring with Microwave Measurements. , 2020, , 395-457.		0
33	New Optical Tools for Water Quality Diagnostics. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	29
34	A Fuzzy Model of Risk Assessment for Environmental Start-Up Projects in the Air Transport Sector. International Journal of Environmental Research and Public Health, 2019, 16, 3573.	2.6	49
35	On the link between atmospheric cloud parameters and cosmic rays. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 189, 98-106.	1.6	7
36	Monitoring and forecasting of tropical cyclones: A new information-modeling tool to reduce the risk. International Journal of Disaster Risk Reduction, 2019, 36, 101088.	3.9	19

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37	Modeling the state of marine ecosystems: A case study of the Okhotsk Sea. Journal of Marine Systems, 2019, 194, 1-10.	2.1	13
38	Future Temperature Extremes Will Be More Harmful: A New Critical Factor for Improved Forecasts. International Journal of Environmental Research and Public Health, 2019, 16, 4015.	2.6	12
39	Abrupt changes in global tropospheric temperature. Atmospheric Research, 2019, 217, 114-119.	4.1	10
40	Microwave polarization characteristics of snow at 6.9 and 18.7ÂGHz: Estimating the water content of the snow layers. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 225, 219-226.	2.3	11
41	Has global warming already arrived?. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 182, 31-38.	1.6	15
42	Îhe observational and empirical thermospheric CO2 and NO power do not exhibit power-law behavior; an indication of their reliability. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 168, 1-7.	1.6	6
43	The deterioration of materials as a result of air pollution as derived from satellite and ground based observations. Atmospheric Environment, 2018, 185, 91-99.	4.1	20
44	The Dependence of the Soil Microwave Attenuation on Frequency and Water Content in Different Types of Vegetation: an Empirical Model. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	17
45	Assessment of biophysical properties of Royal Belum tropical forest, Malaysia. Singapore Journal of Tropical Geography, 2018, 39, 90-106.	0.9	10
46	A sensitivity study of diffusional mass transfer of gases in tropical storm hydrometeors. Theoretical and Applied Climatology, 2018, 134, 1083-1100.	2.8	7
47	On the association between the recent episode of the quasi-biennial oscillation and the strong El NiÃ±o event. Theoretical and Applied Climatology, 2018, 133, 569-577.	2.8	15
48	Pollution of Arctic Waters Has Reached a Critical Point: an Innovative Approach to This Problem. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	35
49	The development of remote sensing in the last 40 years. International Journal of Remote Sensing, 2018, 39, 8387-8427.	2.9	37
50	The Earth as a planet. International Journal of Remote Sensing, 2018, 39, 5767-5769.	2.9	0
51	Anomalous mesospheric ozone variability is not a precursor to earthquakes: A case study in Greece. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 179, 181-184.	1.6	1
52	A New Monitoring System for the Surface Marine Anomalies. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	28
53	The global signature of the El NiÃ±o/La NiÃ±a Southern Oscillation. International Journal of Remote Sensing, 2018, 39, 5965-5977.	2.9	8
54	On the wrong inference of long-range correlations in climate data; the case of the solar and volcanic forcing over the Tropical Pacific. Theoretical and Applied Climatology, 2017, 128, 761-767.	2.8	2

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55	Simulation results from a coupled model of carbon dioxide and methane global cycles. Ecological Modelling, 2017, 359, 69-79.	2.5	42
56	On the temporal evolution of the tropical stratospheric ozone. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 157-158, 1-5.	1.6	2
57	A Modeling System for Monitoring Water Quality in Lagoons. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	11
58	Nature-society system survivability model: Simulations of the principal natural and anthropogenic processes. Environmental Development, 2017, 24, 170-178.	4.1	9
59	Impacts of climate warming on atmospheric phase transition mechanisms. Theoretical and Applied Climatology, 2017, 130, 1111-1122.	2.8	11
60	On the association of aerosol optical depth and total ozone fluctuations with recent earthquakes in Greece. Acta Geophysica, 2017, 65, 659-665.	2.0	12
61	Impacts of air pollution and climate on materials in Athens, Greece. Atmospheric Chemistry and Physics, 2017, 17, 439-448.	4.9	19
62	A new big data approach based on geoecological information-modeling system. Big Earth Data, 2017, 1, 47-63.	4.4	36
63	The Earthâ€™s Population Can Reach 14 Billion in the 23rd Century without Significant Adverse Effects on Survivability. International Journal of Environmental Research and Public Health, 2017, 14, 885.	2.6	32
64	Mission to Mars: Adaptive Identifier for the Solution of Inverse Optical Metrology Tasks. Earth, Moon and Planets, 2016, 118, 1-14.	0.6	5
65	Modelling the CO2 atmosphere-ocean flux in the upwelling zones using radiative transfer tools. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 150-151, 47-54.	1.6	36
66	On the progress of the 2015â€“2016 El NiÃ±o event. Atmospheric Chemistry and Physics, 2016, 16, 2007-2011.	4.9	56
67	Climate scaling behaviour in the dynamics of the marine interstitial ciliate community. Theoretical and Applied Climatology, 2016, 125, 439-447.	2.8	13
68	Precursory signals of the major El NiÃ±o Southern Oscillation events. Theoretical and Applied Climatology, 2016, 124, 903-912.	2.8	21
69	Scaling regimes and linear/nonlinear responses of last millennium climate to volcanic and solar forcings. Earth System Dynamics, 2016, 7, 133-150.	7.1	40
70	Tempting long-memory in the historic surface ozone concentrations at Athens, Greece. Atmospheric Pollution Research, 2015, 6, 1055-1057.	3.8	5
71	On the scaling of the solar incident flux. Atmospheric Chemistry and Physics, 2015, 15, 7301-7306.	4.9	23
72	Satellite Images for Monitoring Mangrove Cover Changes in a Fast Growing Economic Region in Southern Peninsular Malaysia. Remote Sensing, 2015, 7, 14360-14385.	4.0	95

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73	An assessment of the stray light in 25 years of Dobson total ozone data at Athens, Greece. Atmospheric Measurement Techniques, 2015, 8, 3037-3046.	3.1	7
74	New Ecoinformatics Tools in Environmental Science. , 2015, , .		65
75	Symmetric scaling properties in global surface air temperature anomalies. Theoretical and Applied Climatology, 2015, 121, 767-773.	2.8	6
76	Sharp rise in hurricane and cyclone count during the last century. Theoretical and Applied Climatology, 2015, 119, 629-638.	2.8	14
77	Modeling the carbon and nitrogen cycles. Frontiers in Environmental Science, 2014, 2, .	3.3	19
78	Mission to Mars. Reliable method for liquid solutions diagnostics. Frontiers in Environmental Science, 2014, 2, .	3.3	15
79	Evidence for two abrupt warming events of SST in the last century. Theoretical and Applied Climatology, 2014, 116, 51-60.	2.8	42
80	The local and regional atmospheric oxidants at Athens (Greece). Environmental Science and Pollution Research, 2014, 21, 4430-4440.	5.3	15
81	Signature of tropospheric ozone and nitrogen dioxide from space: AÂcase study for Athens, Greece. Atmospheric Environment, 2014, 89, 721-730.	4.1	29
82	New spectral functions of the near-ground albedo derived from aircraft diffraction spectrometer observations. Atmospheric Chemistry and Physics, 2014, 14, 6953-6965.	4.9	34
83	1/f noise in the UV solar spectral irradiance. Theoretical and Applied Climatology, 2013, 111, 641-648.	2.8	21
84	On the 11 year solar cycle signature in global total ozone dynamics. Meteorological Applications, 2013, 20, 72-79.	2.1	31
85	Is there any long-term memory effect in the tropical cyclones?. Theoretical and Applied Climatology, 2013, 114, 643-650.	2.8	24
86	On the 1/f noise in the UV solar spectral irradiance. Theoretical and Applied Climatology, 2013, 114, 725-727.	2.8	4
87	An Effective Tool for the Tropical Cyclones Monitoring. , 2013, , .		1
88	The global signature of the ENSO and SST-like fields. Theoretical and Applied Climatology, 2013, 113, 197-204.	2.8	26
89	Plausible reasons for the inconsistencies between the modeled and observed temperatures in the tropical troposphere. Geophysical Research Letters, 2013, 40, 4906-4910.	4.0	17
90	Does scattered radiation undergo bluing within clouds?. AIP Conference Proceedings, 2013, , .	0.4	1

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91	On the scaling effect in global surface air temperature anomalies. Atmospheric Chemistry and Physics, 2013, 13, 5243-5253.	4.9	77
92	The grand challenges to air pollution. Frontiers in Environmental Science, 2013, 1, .	3.3	1
93	On the SUVR Variability in Athens, Greece: An Overview. Springer Atmospheric Sciences, 2013, , 939-944.	0.3	0
94	Total Ozone Observations Made by Dobson Spectrophotometer at the Most SE Station in Europe the Last Twenty Years. Springer Atmospheric Sciences, 2013, , 923-929.	0.3	0
95	Remote Sensing and Atmospheric Ozone. , 2012, , .		7
96	The exceptional ozone depletion over the Arctic in Januaryâ€“March 2011. Remote Sensing Letters, 2012, 3, 343-352.	1.4	41
97	The gutenberg-richter law for earthquakes in air pollution episodes: A case study for Athens, Greece. Acta Geophysica, 2012, 60, 280-290.	2.0	6
98	An adaptive information technology for the operative diagnostics of the tropical cyclones; solarâ€“terrestrial coupling mechanisms. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 89, 83-89.	1.6	35
99	Intrinsic properties of Sahel precipitation anomalies and rainfall. Theoretical and Applied Climatology, 2012, 109, 627-633.	2.8	75
100	Effects of Air Pollution on Materials and Cultural Heritage: ICP Materials Celebrates 25 Years of Research. International Journal of Corrosion, 2012, 2012, 1-16.	1.1	79
101	A new tool for the study of the ozone hole dynamics over Antarctica. Atmospheric Environment, 2012, 47, 428-434.	4.1	40
102	An observational study of the atmospheric ultra-fine particle dynamics. Atmospheric Environment, 2012, 59, 312-319.	4.1	54
103	On the limits of the air pollution predictability: the case of the surface ozone at Athens, Greece. Environmental Science and Pollution Research, 2012, 19, 295-300.	5.3	43
104	The traditional measurement of ozone concentration in the atmosphere. , 2012, , 1-78.		1
105	The Montreal Protocol. , 2012, , 339-378.		1
106	Major atmospheric events monitored by deep underground muon data. Remote Sensing Letters, 2011, 2, 175-175.	1.4	0
107	New aspects of global climate-dynamics research and remote sensing. International Journal of Remote Sensing, 2011, 32, 579-600.	2.9	82
108	New features of land and sea surface temperature anomalies. International Journal of Remote Sensing, 2011, 32, 3231-3238.	2.9	57

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109	On the corrosion and soiling effects on materials by air pollution in Athens, Greece. Atmospheric Chemistry and Physics, 2011, 11, 12039-12048.	4.9	57
110	Interannual variability of cirrus clouds in the tropics in El NiÃ±o Southern Oscillation (ENSO) regions based on International Satellite Cloud Climatology Project (ISCCP) satellite data. International Journal of Remote Sensing, 2011, 32, 6395-6405.	2.9	6
111	A note on the comparison between total ozone from Oslo CTM2 and SBUV satellite data. International Journal of Remote Sensing, 2011, 32, 2535-2545.	2.9	4
112	A new modeling tool for the diffusion of gases in ice or amorphous binary mixture in the polar stratosphere and the upper troposphere. Atmospheric Chemistry and Physics, 2010, 10, 3099-3105.	4.9	30
113	Corrigendum to "A new modeling tool for the diffusion of gases in ice or amorphous binary mixture in the polar stratosphere and the upper troposphere" published in Atmos. Chem. Phys., 10, 3099â€“3105, 2010. Atmospheric Chemistry and Physics, 2010, 10, 3333-3333.	4.9	1
114	On the altitude dependence of the temperature scaling behaviour at the global troposphere. International Journal of Remote Sensing, 2010, 31, 343-349.	2.9	79
115	Major atmospheric events monitored by deep underground muon data. Remote Sensing Letters, 2010, 1, 169-178.	1.4	4
116	3-D visualizations of coastal bathymetry by utilization of airborne TOPSAR polarized data. International Journal of Digital Earth, 2010, 3, 187-206.	3.9	18
117	Long-term memory dynamics of total ozone content. International Journal of Remote Sensing, 2009, 30, 3897-3905.	2.9	4
118	Comparison of the Athens Dobson spectrophotometer with World Standard Instruments. International Journal of Remote Sensing, 2009, 30, 3943-3950.	2.9	5
119	Surface ultraviolet radiation and ozone content in Europe as indicators of environment quality. International Journal of Remote Sensing, 2009, 30, 4123-4143.	2.9	5
120	The enhanced deterioration of the cultural heritage monuments due to air pollution. Environmental Science and Pollution Research, 2009, 16, 590-592.	5.3	73
121	3-D reconstruction of coastal bathymetry from AIRSAR/POLSAR data. Chinese Journal of Oceanology and Limnology, 2009, 27, 117-123.	0.7	19
122	The contribution of remote sensing to the implementation of the Montreal Protocol and the monitoring of its success. International Journal of Remote Sensing, 2009, 30, 3853-3873.	2.9	7
123	Scaling behaviour of the global tropopause. Atmospheric Chemistry and Physics, 2009, 9, 677-683.	4.9	67
124	Nitric acid and particulate matter measurements at Athens, Greece, in connection with corrosion studies. Atmospheric Chemistry and Physics, 2009, 9, 8309-8316.	4.9	49
125	The 20th anniversary of the Montreal Protocol and the unexplainable 60% of ozone loss. Environmental Science and Pollution Research, 2008, 15, 448-449.	5.3	11
126	Editorial Comment â€“ the Montreal Protocol. International Journal of Remote Sensing, 2008, 29, 5455-5459.	2.9	1

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127	Surface solar ultraviolet irradiance and total ozone during summertime. International Journal of Remote Sensing, 2008, 29, 2667-2673.	2.9	1
128	Technical Report: Standardization of the Athens Dobson spectrophotometer versus Reference Dobson spectrophotometer 064. International Journal of Remote Sensing, 2008, 29, 1917-1920.	2.9	4
129	A sequential analysis method for the prediction of tropical hurricanes. International Journal of Remote Sensing, 2008, 29, 2787-2798.	2.9	25
130	Association of the vertical ozone structure with the lowerâ€stratospheric circulation. International Journal of Remote Sensing, 2008, 29, 2685-2695.	2.9	3
131	Scaling effect in planetary waves over Antarctica. International Journal of Remote Sensing, 2008, 29, 2697-2704.	2.9	24
132	Tropospheric aerosol forcing of climate: a case study for the greater area of Greece. International Journal of Remote Sensing, 2008, 29, 2507-2517.	2.9	95
133	An overview of small satellites in remote sensing. International Journal of Remote Sensing, 2008, 29, 4285-4337.	2.9	94
134	Impacts of the solar eclipse of 29 March 2006 on the surface ozone concentration, the solar ultraviolet radiation and the meteorological parameters at Athens, Greece. Atmospheric Chemistry and Physics, 2008, 8, 425-430.	4.9	71
135	The Antarctic 2006 ozone hole. International Journal of Remote Sensing, 2007, 28, 1-2.	2.9	15
136	Technical note: Validation of ENVISAT (SCIAMACHY) versus Dobson and TOMS atmospheric ozone measurements in Athens, Greece: Input for the upcoming IPY campaign. International Journal of Remote Sensing, 2007, 28, 2073-2075.	2.9	2
137	Holograph Interferomatery for Modelling Rate Change of Shoreline from Airsar Data. , 2007, , .		2
138	Geophysical validation of MIPAS-ENVISAT operational ozone data. Atmospheric Chemistry and Physics, 2007, 7, 4807-4867.	4.9	130
139	Technical Note: Long-term memory effect in the atmospheric CO₂ concentration at Mauna Loa. Atmospheric Chemistry and Physics, 2007, 7, 629-634.	4.9	127
140	Editorial and cover: Fifty years after the first artificial satellite: from Sputnik 1 to ENVISAT. International Journal of Remote Sensing, 2007, 28, 2071-2072.	2.9	82
141	Subject area 3: Atmospheric chemistry and physics. Environmental Science and Pollution Research, 2007, 14, 384-387.	5.3	82
142	Longâ€range persistence in global Aerosol Index dynamics. International Journal of Remote Sensing, 2006, 27, 3593-3603.	2.9	123
143	A complex study of Etna's volcanic plume from groundâ€based, in situ and spaceâ€borne observations. International Journal of Remote Sensing, 2006, 27, 1855-1864.	2.9	16
144	Long-memory processes in ozone and temperature variations at the region 60Â° Sâ€“60Â° N. Atmospheric Chemistry and Physics, 2006, 6, 4093-4100.	4.9	170

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145	Deposition measurement of particulate matter in connection with corrosion studies. Analytical and Bioanalytical Chemistry, 2006, 384, 1320-1330.	3.7	134
146	Modern Computational Techniques for Environmental Data; Application to the Global Ozone Layer. Lecture Notes in Computer Science, 2005, , 504-510.	1.3	60
147	News on the Antarctic Ozone Hole. Environmental Science and Pollution Research, 2005, 12, 322-322.	5.3	0
148	Scaling properties of air pollution in Athens, Greece and Baltimore, Maryland. Atmospheric Environment, 2005, 39, 4041-4047.	4.1	194
149	Nitric acid measurements in connection with corrosion studies. Atmospheric Environment, 2005, 39, 6664-6672.	4.1	107
150	Powerâ€law correlations in column ozone over Antarctica. International Journal of Remote Sensing, 2005, 26, 3333-3342.	2.9	131
151	Airborne measurements of aerosol, ozone, and solar ultraviolet irradiance in the troposphere. Journal of Geophysical Research, 2005, 110, .	3.3	109
152	Greenhouse effect problems. , 2004, , 71-132.		0
153	The extraordinary events of the major, sudden stratospheric warming, the diminutive antarctic ozone hole, and its split in 2002. Environmental Science and Pollution Research, 2004, 11, 405-411.	5.3	69
154	Atmospheric pollution and remote sensing: implications for the southern hemisphere ozone hole split in 2002 and the northern mid-latitude ozone trend. Advances in Space Research, 2004, 33, 249-253.	2.6	57
155	New features observed in the 11-year solar cycle. International Journal of Remote Sensing, 2004, 25, 2141-2157.	2.9	80
156	Global Ecodynamics. , 2004, , .		39
157	The Long-Term Coupling between Column Ozone and Tropopause Properties. Journal of Climate, 2004, 17, 3843-3854.	3.2	98
158	Modelling the global changes of the environment. , 2004, , 481-522.		0
159	Global environmental change and the World Ocean. , 2004, , 191-234.		0
160	High-latitude environment and global ecodynamics. , 2004, , 235-379.		0
161	Biogeochemical cycles of pollutants in the environment. , 2004, , 381-480.		1
162	Long-term variation in surface ozone and its precursors in Athens, Greece. Environmental Science and Pollution Research, 2003, 10, 19-23.	5.3	70

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163	What is the lesson from the unprecedented event over antarctica in 2002. Environmental Science and Pollution Research, 2003, 10, 80-81.	5.3	119
164	Why did a â€œno-ozone-holeâ€•episode occur in Antarctica?. Eos, 2003, 84, 183-183.	0.1	12
165	On the longitude dependence of total ozone trends over middle-latitudes. International Journal of Remote Sensing, 2003, 24, 1361-1367.	2.9	85
166	Major sudden warming and strange twist of the ozone hole over Antarctica in 2002. Europhysics News, 2003, 34, 66-67.	0.3	4
167	Review article - Remote sensing and global tropospheric ozone observed dynamics. International Journal of Remote Sensing, 2002, 23, 159-178.	2.9	75
168	Climate change problems and carbon dioxide emissions: Expecting â€˜Rio+10â€™. Environmental Science and Pollution Research, 2002, 9, 97-98.	5.3	8
169	On the plausible association between environmental conditions and human eye damage. Environmental Science and Pollution Research, 2002, 9, 163-165.	5.3	42
170	The southern hemisphere ozone hole split in 2002. Environmental Science and Pollution Research, 2002, 9, 375-376.	5.3	235
171	Aircraft observations of the solar ultraviolet irradiance throughout the troposphere. Journal of Geophysical Research, 2001, 106, 14843-14854.	3.3	73
172	Arctic ozone loss in threshold conditions: Match observations in 1997/1998 and 1998/1999. Journal of Geophysical Research, 2001, 106, 7495-7503.	3.3	66
173	Global tropospheric ozone dynamics. Environmental Science and Pollution Research, 2001, 8, 57-62.	5.3	83
174	Global tropospheric ozone dynamics. Environmental Science and Pollution Research, 2001, 8, 113-119.	5.3	80
175	On the seasonal variation of the surface ozone in Athens, Greece. Atmospheric Environment, 2001, 35, 315-320.	4.1	102
176	Human Eye Diseases Resulting from SUVR Exposure. Radiation Protection Dosimetry, 2000, 91, 25-27.	0.8	3
177	Erythemal Weighted Ultraviolet Trends Over Northern Latitudes. Radiation Protection Dosimetry, 2000, 91, 157-160.	0.8	3
178	New evidence for ozone depletion over Athens, Greece. International Journal of Remote Sensing, 2000, 21, 2951-2955.	2.9	78
179	Aircraft Observations of the Vertical Gradient of Biologically Effective Ultraviolet Radiation. Radiation Protection Dosimetry, 2000, 91, 161-163.	0.8	2
180	Match observations in the Arctic winter 1996/97: High stratospheric ozone loss rates correlate with low temperatures deep inside the polar vortex. Geophysical Research Letters, 2000, 27, 205-208.	4.0	62

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181	Erythemally weighted UV trends over northern latitudes derived from Nimbus 7 TOMS measurements. Journal of Geophysical Research, 2000, 105, 7373-7382.	3.3	82
182	The role of the cloud optical thickness in the attenuation of the solar ultraviolet radiation reaching the ground: Implications to the human health impacts. Toxicological and Environmental Chemistry, 1999, 69, 381-393.	1.2	0
183	On the uptake of O3into aerosol and water droplets over Athens, Greece. Toxicological and Environmental Chemistry, 1999, 68, 117-131.	1.2	4
184	On the role of the lower-stratospheric circulation to the vertical ozone structure. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 1999, 24, 481-485.	0.2	0
185	On the altitude dependence of solar effective UV. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 1999, 24, 515-517.	0.2	59
186	Impact of total ozone variability on surface solar ultraviolet radiation change. implication for ocular damage. Toxicological and Environmental Chemistry, 1999, 71, 13-19.	1.2	1
187	Climate Change in the Arctic and its Empirical Diagnostics. Energy and Environment, 1999, 10, 469-482.	4.6	3
188	Title is missing!. Journal of Atmospheric Chemistry, 1998, 30, 187-207.	3.2	64
189	An estimation of the surface solar ultraviolet irradiance during an extreme total ozone minimum. Meteorology and Atmospheric Physics, 1998, 68, 171-176.	2.0	79
190	Sun education in Greece. Clinics in Dermatology, 1998, 16, 525-526.	1.6	11
191	Total ozone and solar ultraviolet radiation, as derived from satellite and ground-based instrumentation at Dundee, Scotland. International Journal of Remote Sensing, 1998, 19, 3301-3305.	2.9	11
192	In situ measurements of stratospheric ozone depletion rates in the Arctic winter 1991/1992: A Lagrangian approach. Journal of Geophysical Research, 1998, 103, 5843-5853.	3.3	102
193	Total ozone measurements over Athens: intercomparison between Dobson, TOMS (version 6) and SBUV measurements. International Journal of Remote Sensing, 1998, 19, 3327-3333.	2.9	4
194	Total ozone depletion over Greece as deduced from satellite observations. International Journal of Remote Sensing, 1998, 19, 3317-3325.	2.9	3
195	Technical note On the influence of stray light on total ozone measurements made with Dobson spectrophotometer no. 118 in Athens, Greece. International Journal of Remote Sensing, 1998, 19, 3307-3315.	2.9	4
196	Health effects on human eye resulting from the increased ambient solar ultraviolet radiation. Toxicological and Environmental Chemistry, 1997, 61, 43-68.	1.2	5
197	Retrieval of optical properties of cloud layers from transmitted solar radiance and irradiance data. , 1997, 3237, 77.		1
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