

# Ioannis Pytharoulis

## List of Publications by Year in descending order

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34  
papers

1,447  
citations

430754

18  
h-index

360920

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unravelling Precipitation Trends in Greece since 1950s Using ERA5 Climate Reanalysis Data. <i>Climate</i> , 2022, 10, 12.	1.2	19
2	Numerical investigation of atmosphere-fire interactions during high-impact wildland fire events in Greece. <i>Atmospheric Research</i> , 2021, 247, 105253.	1.8	13
3	Investigation of Volcanic Emissions in the Mediterranean: “The Etna–Antikythera Connection”. <i>Atmosphere</i> , 2021, 12, 40.	1.0	11
4	Modeling the Effects of Anthropogenic Land Cover Changes to the Main Hydrometeorological Factors in a Regional Watershed, Central Greece. <i>Climate</i> , 2019, 7, 129.	1.2	17
5	Reviews and perspectives of high impact atmospheric processes in the Mediterranean. <i>Atmospheric Research</i> , 2018, 208, 4-44.	1.8	85
6	Numerical modeling analysis of the mesoscale environment conducive to two tornado events using the COSMO.Gr model over Greece. <i>Atmospheric Research</i> , 2018, 208, 148-155.	1.8	5
7	Analysis of a Mediterranean tropical-like cyclone and its sensitivity to the sea surface temperatures. <i>Atmospheric Research</i> , 2018, 208, 167-179.	1.8	49
8	Observations and modelling of the characteristics of convective activity related to a potential rain enhancement program in central Greece. <i>Atmospheric Research</i> , 2018, 208, 218-228.	1.8	4
9	A deep stratosphere-to-troposphere ozone transport event over Europe simulated in CAMS global and regional forecast systems: analysis and evaluation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15515-15534.	1.9	34
10	Sensitivity of a Mediterranean Tropical-Like Cyclone to Physical Parameterizations. <i>Atmosphere</i> , 2018, 9, 436.	1.0	23
11	Analysis of waterspout environmental conditions and of parent storm behaviour based on satellite data over the southern Aegean Sea of Greece. <i>International Journal of Climatology</i> , 2017, 37, 1022-1039.	1.5	12
12	Study of the tornado event in Greece on March 25, 2009: Synoptic analysis and numerical modeling using modified topography. <i>Atmospheric Research</i> , 2016, 169, 566-583.	1.8	18
13	Analysis and numerical simulation of a real cell merger using a three-dimensional cloud resolving model. <i>Atmospheric Research</i> , 2016, 169, 547-555.	1.8	9
14	Numerical modeling of an intense precipitation event and its associated lightning activity over northern Greece. <i>Atmospheric Research</i> , 2016, 169, 523-538.	1.8	18
15	Regional climate hindcast simulations within EURO-CORDEX: evaluation of a WRF multi-physics ensemble. <i>Geoscientific Model Development</i> , 2015, 8, 603-618.	1.3	175
16	Numerical simulation of airborne cloud seeding over Greece, using a convective cloud model. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2015, 51, 11-27.	1.3	7
17	Numerical modeling and analysis of the effect of complex Greek topography on tornadogenesis. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1905-1919.	1.5	24
18	The anomalous low and high temperatures of 2012 over Greece – an explanation from a meteorological and climatological perspective. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 501-507.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Evaluating the impact of chemical boundary conditions on near surface ozone in regional climate air quality simulations over Europe. Atmospheric Research, 2013, 134, 116-130.	1.8	25
20	A Study of Fog Characteristics Using a Coupled WRF-COBE Model Over Thessaloniki Airport, Greece. Pure and Applied Geophysics, 2012, 169, 961-981.	0.8	27
21	Regional climate feedback of anthropogenic aerosols over Europe using RegCM3. Climate Research, 2012, 52, 267-278.	0.4	49
22	The anomalous high temperatures of November 2010 over Greece: meteorological and climatological aspects. Natural Hazards and Earth System Sciences, 2011, 11, 2705-2714.	1.5	4
23	Numerical simulation of a deep Mediterranean storm and its sensitivity on sea surface temperature. Natural Hazards and Earth System Sciences, 2011, 11, 1233-1246.	1.5	38
24	Smoke injection heights from agricultural burning in Eastern Europe as seen by CALIPSO. Atmospheric Chemistry and Physics, 2010, 10, 11567-11576.	1.9	59
25	Development and validation of a novel-based combination operational air quality forecasting system in Greece. Meteorology and Atmospheric Physics, 2010, 106, 127-133.	0.9	10
26	A deep stratospheric intrusion event down to the earth's surface of the megacity of Athens. Meteorology and Atmospheric Physics, 2010, 109, 9-18.	0.9	35
27	Improvements in wind speed forecasts for wind power prediction purposes using Kalman filtering. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 2348-2362.	1.7	329
28	Chapter 5.7 Radiative effects of natural PMs on photochemical processes in the Mediterranean Region. Developments in Environmental Science, 2007, , 548-559.	0.5	1
29	Applications of Kalman filters based on non-linear functions to numerical weather predictions. Annales Geophysicae, 2006, 24, 2451-2460.	0.6	86
30	Mercury budget estimates for the State of New York. Environmental Fluid Mechanics, 2005, 5, 87-107.	0.7	5
31	A Dynamical Approach to Seasonal Prediction of Atlantic Tropical Cyclone Activity. Weather and Forecasting, 2001, 16, 725-734.	0.5	30
32	The hurricane-like Mediterranean cyclone of January 1995. Meteorological Applications, 2000, 7, 261-279.	0.9	73
33	The Low-Level Structure of African Easterly Waves in 1995. Monthly Weather Review, 1999, 127, 2266-2280.	0.5	121
34	Raindrops keep falling on my head. Weather, 1995, 50, 367-370.	0.6	12