

# Ioannis Kioutsioukis

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,691  
citations

394421  
19  
h-index

315739  
38  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Source-resolved variability of fine particulate matter and human exposure in an urban area. Atmospheric Chemistry and Physics, 2022, 22, 2011-2027.	4.9	8
2	On the Transmission Dynamics of SARS-CoV-2 in a Temperate Climate. International Journal of Environmental Research and Public Health, 2021, 18, 1660.	2.6	3
3	Use of GNSS Tropospheric Delay Measurements for the Parameterization and Validation of WRF High-Resolution Re-Analysis over the Western Gulf of Corinth, Greece: The PaTrop Experiment. Remote Sensing, 2021, 13, 1898.	4.0	5
4	Tropospheric Correction of Sentinel-1 Synthetic Aperture Radar Interferograms Using a High-Resolution Weather Model Validated by GNSS Measurements. Remote Sensing, 2021, 13, 2258.	4.0	6
5	Forecasting Particulate Pollution in an Urban Area: From Copernicus to Sub-Km Scale. Atmosphere, 2021, 12, 881.	2.3	11
6	Simulation of the cooking organic aerosol concentration variability in an urban area. Atmospheric Environment, 2021, 265, 118710.	4.1	10
7	A climate-dependent spatial epidemiological model for the transmission risk of West Nile virus at local scale. One Health, 2021, 13, 100330.	3.4	8
8	Changes in PM <sub>2.5</sub> concentrations and their sources in the US from 1990 to 2010. Atmospheric Chemistry and Physics, 2021, 21, 17115-17132.	4.9	9
9	Technical note: AQMEII4 Activity 1: evaluation of wet and dry deposition schemes as an integral part of regional-scale air quality models. Atmospheric Chemistry and Physics, 2021, 21, 15663-15697.	4.9	14
10	Multi-model Assessment of Air Pollution-Related Premature Mortality in Europe and U.S.: Domestic Versus Foreign Contributions. Springer Proceedings in Complexity, 2020, , 461-467.	0.3	0
11	Satellite Earth Observation Data in Epidemiological Modeling of Malaria, Dengue and West Nile Virus: A Scoping Review. Remote Sensing, 2019, 11, 1862.	4.0	50
12	Assessment of West nile virus transmission risk from a weather-dependent epidemiological model and a global sensitivity analysis framework. Acta Tropica, 2019, 193, 129-141.	2.0	19
13	Two-scale multi-model ensemble: is a hybrid ensemble of opportunity telling us more?. Atmospheric Chemistry and Physics, 2018, 18, 8727-8744.	4.9	10
14	Seasonal ozone vertical profiles over North America using the AQMEII3 group of air quality models: model inter-comparison and stratospheric intrusions. Atmospheric Chemistry and Physics, 2018, 18, 13925-13945.	4.9	2
15	Assessment and economic valuation of air pollution impacts on human health over Europe and the United States as calculated by a multi-model ensemble in the framework of AQMEII3. Atmospheric Chemistry and Physics, 2018, 18, 5967-5989.	4.9	68
16	Insights into the deterministic skill of air quality ensembles from the analysis of AQMEII data. Atmospheric Chemistry and Physics, 2016, 16, 15629-15652.	4.9	23
17	High resolution WRF ensemble forecasting for irrigation: Multi-variable evaluation. Atmospheric Research, 2016, 167, 156-174.	4.1	42
18	De praeceptis ferendis: Air Quality Multi-model Ensembles. Springer Proceedings in Complexity, 2016, , 553-556.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Evaluation of operational on-line-coupled regional air quality models over Europe and North America in the context of AQMEII phase 2. Part I: Ozone. <i>Atmospheric Environment</i> , 2015, 115, 404-420.	4.1	168
20	Evaluation of operational online-coupled regional air quality models over Europe and North America in the context of AQMEII phase 2. Part II: Particulate matter. <i>Atmospheric Environment</i> , 2015, 115, 421-441.	4.1	133
21	&lt;i&gt;De praeceptis ferendis&lt;/i&gt;; good practice in multi-model ensembles. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11791-11815.	4.9	33
22	Evaluation of high resolution simulated and OMI retrieved tropospheric NO <sub>2</sub> column densities over Southeastern Europe. <i>Atmospheric Research</i> , 2013, 122, 55-66.	4.1	31
23	&lt;i&gt;E pluribus unum&lt;/i&gt;; ensemble air quality predictions. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7153-7182.	4.9	36
24	Pauci ex tanto numero: reduce redundancy in multi-model ensembles. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8315-8333.	4.9	34
25	A review of operational, regional-scale, chemical weather forecasting models in Europe. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1-87.	4.9	265
26	Comparison of OMI NO <sub>2</sub> tropospheric columns with an ensemble of global and European regional air quality models. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 3273-3296.	4.9	165
27	Decadal regional air quality simulations over Europe in present climate: near surface ozone sensitivity to external meteorological forcing. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11805-11821.	4.9	41
28	Uncertainty and Sensitivity Analysis of National Road Transport Inventories Compiled with COPERT 4. <i>Procedia, Social and Behavioral Sciences</i> , 2010, 2, 7690-7691.	0.5	18
29	Statistical assessment of changes in climate extremes over Greece (1955–2002). <i>International Journal of Climatology</i> , 2010, 30, 1723-1737.	3.5	101
30	A model for European Biogenic Volatile Organic Compound emissions: Software development and first validation. <i>Environmental Modelling and Software</i> , 2010, 25, 1845-1856.	4.5	67
31	A sensitivity study of the Regional Climate Model (RegCM3) to the convective scheme with emphasis in central eastern and southeastern Europe. <i>Theoretical and Applied Climatology</i> , 2009, 97, 327-337.	2.8	38
32	Satellite observations and model simulations of tropospheric NO <sub>2</sub> columns over south-eastern Europe. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6119-6134.	4.9	32
33	Statistical downscaling of daily precipitation over Greece. <i>International Journal of Climatology</i> , 2008, 28, 679-691.	3.5	16
34	AMFIC Web Data Base - A Satellite System for the Monitoring and Forecasting of Atmospheric Pollution. <i>Journal of Engineering Science and Technology Review</i> , 2008, 1, 58-61.	0.4	1
35	Development and Assessment of Neural Network and Multiple Regression Models in Order to Predict PM <sub>10</sub> Levels in a Medium-sized Mediterranean City. <i>Water, Air, and Soil Pollution</i> , 2007, 182, 325-334.	2.4	82
36	Effects of methane outgassing on the Black Sea atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 5173-5182.	4.9	19

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37	Robust stochastic seasonal precipitation scenarios. International Journal of Climatology, 2006, 26, 2077-2095.	3.5	6
38	Efficient sensitivity computations in 3D air quality models. Computer Physics Communications, 2005, 167, 23-33.	7.5	12
39	Uncertainty and global sensitivity analysis of road transport emission estimates. Atmospheric Environment, 2004, 38, 6609-6620.	4.1	72
40	Neural Network Model for Predicting Peak Photochemical Pollutant Levels. Journal of the Air and Waste Management Association, 2000, 50, 495-501.	1.9	27