

George Zittis

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,639
citations

394286

19
h-index

330025

37
g-index

54
all docs

54
docs citations

54
times ranked

1825
citing authors

#	ARTICLE	IF	CITATIONS
1	Strongly increasing heat extremes in the Middle East and North Africa (MENA) in the 21st century. <i>Climatic Change</i> , 2016, 137, 245-260.	1.7	301
2	Future Global Meteorological Drought Hot Spots: A Study Based on CORDEX Data. <i>Journal of Climate</i> , 2020, 33, 3635-3661.	1.2	230
3	Climate Change and Weather Extremes in the Eastern Mediterranean and Middle East. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	131
4	A multi-model, multi-scenario, and multi-domain analysis of regional climate projections for the Mediterranean. <i>Regional Environmental Change</i> , 2019, 19, 2621-2635.	1.4	113
5	Projected changes in heat wave characteristics in the eastern Mediterranean and the Middle East. <i>Regional Environmental Change</i> , 2016, 16, 1863-1876.	1.4	103
6	Observed rainfall trends and precipitation uncertainty in the vicinity of the Mediterranean, Middle East and North Africa. <i>Theoretical and Applied Climatology</i> , 2018, 134, 1207-1230.	1.3	92
7	Business-as-usual will lead to super and ultra-extreme heatwaves in the Middle East and North Africa. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	61
8	On the linkage between the Asian summer monsoon and tropopause fold activity over the eastern Mediterranean and the Middle East. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3202-3221.	1.2	59
9	Revisiting future extreme precipitation trends in the Mediterranean. <i>Weather and Climate Extremes</i> , 2021, 34, 100380.	1.6	54
10	The added value of convection permitting simulations of extreme precipitation events over the eastern Mediterranean. <i>Atmospheric Research</i> , 2017, 191, 20-33.	1.8	53
11	Land transport CO ₂ emissions and climate change: evidence from Cyprus. <i>International Journal of Sustainable Energy</i> , 2020, 39, 634-647.	1.3	48
12	Comparison of WRF Model Physics Parameterizations over the MENA-CORDEX Domain. <i>American Journal of Climate Change</i> , 2014, 03, 490-511.	0.5	47
13	Role of soil moisture in the amplification of climate warming in the eastern Mediterranean and the Middle East. <i>Climate Research</i> , 2014, 59, 27-37.	0.4	42
14	Extreme weather and societal impacts in the eastern Mediterranean. <i>Earth System Dynamics</i> , 2022, 13, 749-777.	2.7	34
15	The effect of radiation parameterization schemes on surface temperature in regional climate simulations over the MENA-CORDEX domain. <i>International Journal of Climatology</i> , 2017, 37, 3847-3862.	1.5	32
16	Global exposure of population and land-use to meteorological droughts under different warming levels and SSPs: A CORDEX-based study. <i>International Journal of Climatology</i> , 2021, 41, 6825-6853.	1.5	26
17	Simulation of extreme rainfall and streamflow events in small Mediterranean watersheds with a one-way-coupled atmospheric-hydrologic modelling system. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2791-2810.	1.5	25
18	Performance of Land Surface Schemes in the WRF Model for Climate Simulations over the MENA-CORDEX Domain. <i>Earth Systems and Environment</i> , 2020, 4, 647-665.	3.0	23

#	ARTICLE	IF	CITATIONS
19	Effects of climate change on the yield of winter wheat in the eastern Mediterranean and Middle East. <i>Climate Research</i> , 2016, 69, 129-141.	0.4	20
20	Variations in the Simulation of Climate Change Impact Indices due to Different Land Surface Schemes over the Mediterranean, Middle East and Northern Africa. <i>Atmosphere</i> , 2019, 10, 26.	1.0	18
21	Updated Assessment of Temperature Extremes over the Middle East–North Africa (MENA) Region from Observational and CMIP5 Data. <i>Atmosphere</i> , 2020, 11, 813.	1.0	16
22	On the uncertainties introduced by land cover data in high-resolution regional simulations. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 1213-1223.	0.9	14
23	21st Century Projections of Extreme Precipitation Indicators for Cyprus. <i>Atmosphere</i> , 2020, 11, 343.	1.0	14
24	A climate-driven and field data-assimilated population dynamics model of sand flies. <i>Scientific Reports</i> , 2019, 9, 2469.	1.6	13
25	Assessing the Economic Structure, Climate Change and Decarbonisation in Europe. <i>Earth Systems and Environment</i> , 2021, 5, 621-633.	3.0	11
26	Projected Air Temperature Extremes and Maximum Heat Conditions Over the Middle-East-North Africa (MENA) Region. <i>Earth Systems and Environment</i> , 2022, 6, 343-359.	3.0	10
27	Touristsâ€™ Preferences for Adaptation Measures to Build Climate Resilience at Coastal Destinations. Evidence from Cyprus. <i>Tourism Planning and Development</i> , 2023, 20, 973-999.	1.3	8
28	Bias Correction of RCM Precipitation by TIN-Copula Method: A Case Study for Historical and Future Simulations in Cyprus. <i>Climate</i> , 2020, 8, 85.	1.2	7
29	Sensitivity of simulated climate over the MENA region related to different land surface schemes in the WRF model. <i>Theoretical and Applied Climatology</i> , 2020, 141, 1431-1449.	1.3	6
30	A comparison of gridded datasets of precipitation and temperature over the Eastern Nile Basin region. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.	0.6	5
31	Optimizing Regional Climate Model Output for Hydro-Climate Applications in the Eastern Nile Basin. <i>Earth Systems and Environment</i> , 2021, 5, 185-200.	3.0	5
32	Effects of Meteorology Nudging in Regional Hydroclimatic Simulations of the Eastern Mediterranean. <i>Atmosphere</i> , 2018, 9, 470.	1.0	3
33	Evaluation of A Regional Climate Model for the Eastern Nile Basin: Terrestrial and Atmospheric Water Balance. <i>Atmosphere</i> , 2019, 10, 736.	1.0	3
34	Comprehensive Methodology for the Evaluation of High-Resolution WRF Multiphysics Precipitation Simulations for Small, Topographically Complex Domains. <i>Journal of Hydrometeorology</i> , 2021, 22, 1169-1186.	0.7	2
35	TINâ€™Copula biasâ€™correction method for modelâ€™derived maximum temperature in the MENA region. <i>International Journal of Climatology</i> , 0, , .	1.5	2
36	Developing Sustainable Cities for Climate Change Mitigation. <i>Innovative Renewable Energy</i> , 2022, , 217-226.	0.2	2