

Ufuk Utku Turuncoglu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,543
citations

759190

12
h-index

713444

21
g-index

27
all docs

27
docs citations

27
times ranked

1879
citing authors

#	ARTICLE	IF	CITATIONS
1	The ENEA-REG system (v1.0), a multi-component regional Earth system model: sensitivity to different atmospheric components over the Med-CORDEX (Coordinated Regional Climate Downscaling) Tj ETQq1 1 0.78431346BT /Overlock 10	3.8	16
2	Identification of major moisture sources across the Mediterranean Basin. <i>Climate Dynamics</i> , 2020, 54, 4109-4127.	3.8	16
3	Doubling of U.S. Population Exposure to Climate Extremes by 2050. <i>Earth's Future</i> , 2020, 8, e2019EF001421.	6.3	46
4	Modeling the hydroclimatic effects of local land use and land cover changes on the water budget in the upper Euphrates â€“ Tigris basin. <i>Journal of Hydrology</i> , 2019, 576, 596-609.	5.4	23
5	Toward modular in situ visualization in Earth system models: the regional modeling system RegESM 1.1. <i>Geoscientific Model Development</i> , 2019, 12, 233-259.	3.6	5
6	A new approach for in situ analysis in fully coupled earth system models. , 2019, , .		1
7	Validation of newly designed regional earth system model (RegESM) for Mediterranean Basin. <i>Climate Dynamics</i> , 2017, 48, 2919-2947.	3.8	18
8	Observed basin-wide propagation of Mediterranean water in the Black Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3141-3151.	2.6	22
9	Quantifying some of the impacts of dust and other aerosol on the Caspian Sea region using a regional climate model. <i>Climate Dynamics</i> , 2016, 46, 41-55.	3.8	6
10	Identifying the sensitivity of precipitation of Anatolian peninsula to Mediterranean and Black Sea surface temperature. <i>Climate Dynamics</i> , 2015, 44, 1993-2015.	3.8	10
11	Assessment of CMIP5 global model simulations and climate change projections for the 21 st century using a modified Thornthwaite climate classification. <i>Climatic Change</i> , 2014, 122, 523-538.	3.6	57
12	Assessment of CMIP5 global model simulations over the subset of CORDEX domains used in the Phase I CREMA. <i>Climatic Change</i> , 2014, 125, 7-21.	3.6	40
13	Evaluation of the twenty-first century RCM simulations driven by multiple GCMs over the Eastern Mediterraneanâ€“Black Sea region. <i>Climate Dynamics</i> , 2014, 42, 1949-1965.	3.8	59
14	Development and validation of a regional coupled atmosphere lake model for the Caspian Sea Basin. <i>Climate Dynamics</i> , 2013, 41, 1731-1748.	3.8	8
15	Toward self-describing and workflow integrated Earth system models: A coupled atmosphere-ocean modeling system application. <i>Environmental Modelling and Software</i> , 2013, 39, 247-262.	4.5	27
16	Modelling the Caspian Sea and its catchment area using a coupled regional atmosphere-ocean model (RegCM4-ROMS): model design and preliminary results. <i>Geoscientific Model Development</i> , 2013, 6, 283-299.	3.6	32
17	Downscaled simulations of the ECHAM5, CCSM3 and HadCM3 global models for the eastern Mediterraneanâ€“Black Sea region: evaluation of the reference period. <i>Climate Dynamics</i> , 2012, 39, 207-225.	3.8	45
18	Quantification of the urban heat island under a changing climate over Anatolian Peninsula. <i>Theoretical and Applied Climatology</i> , 2012, 108, 31-38.	2.8	12

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19	RegCM4: model description and preliminary tests over multiple CORDEX domains. <i>Climate Research</i> , 2012, 52, 7-29.	1.1	1,084
20	A scientific workflow environment for Earth system related studies. <i>Computers and Geosciences</i> , 2011, 37, 943-952.	4.2	12
21	Potential Threats from a Likely Nuclear Power Plant Accident: a Climatological Trajectory Analysis and Tracer Study. <i>Water, Air, and Soil Pollution</i> , 2009, 198, 393-405.	2.4	7