

Mansour Almazroui

List of Publications by Year in descending order

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139
papers

5,042
citations

117625

34
h-index

123424

61
g-index

143
all docs

143
docs citations

143
times ranked

3580
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in extreme temperature and precipitation in the Arab region: long-term trends and variability related to <scp>ENSO</scp> and <scp>NAO</scp>. International Journal of Climatology, 2014, 34, 581-592.	3.5	288
2	Recent climate change in the Arabian Peninsula: annual rainfall and temperature analysis of Saudi Arabia for 1978â€“2009. International Journal of Climatology, 2012, 32, 953-966.	3.5	259
3	Projections of Precipitation and Temperature over the South Asian Countries in CMIP6. Earth Systems and Environment, 2020, 4, 297-320.	6.2	254
4	Calibration of TRMM rainfall climatology over Saudi Arabia during 1998â€“2009. Atmospheric Research, 2011, 99, 400-414.	4.1	246
5	Recent climate change in the Arabian Peninsula: Seasonal rainfall and temperature climatology of Saudi Arabia for 1979â€“2009. Atmospheric Research, 2012, 111, 29-45.	4.1	231
6	Projected Change in Temperature and Precipitation Over Africa from CMIP6. Earth Systems and Environment, 2020, 4, 455-475.	6.2	219
7	Projected Changes in Temperature and Precipitation Over the United States, Central America, and the Caribbean in CMIP6 GCMs. Earth Systems and Environment, 2021, 5, 1-24.	6.2	125
8	Rainfall: Features and Variations over Saudi Arabia, A Review. Climate, 2015, 3, 578-626.	2.8	119
9	Trends of temperature extremes in Saudi Arabia. International Journal of Climatology, 2014, 34, 808-826.	3.5	118
10	Projected Changes in Climate Extremes Using CMIP6 Simulations Over SREX Regions. Earth Systems and Environment, 2021, 5, 481-497.	6.2	104
11	Assessment of CMIP6 Performance and Projected Temperature and Precipitation Changes Over South America. Earth Systems and Environment, 2021, 5, 155-183.	6.2	103
12	Projected future daily characteristics of African precipitation based on global (CMIP5, CMIP6) and regional (CORDEX, CORDEX-CORE) climate models. Climate Dynamics, 2021, 57, 3135-3158.	3.8	81
13	Trend Analyses Revision and Global Monthly Temperature Innovative Multi-Duration Analysis. Earth Systems and Environment, 2017, 1, 1.	6.2	78
14	Sustainable applications of rice feedstock in agro-environmental and construction sectors: A global perspective. Renewable and Sustainable Energy Reviews, 2022, 153, 111791.	16.4	78
15	Business-as-usual will lead to super and ultra-extreme heatwaves in the Middle East and North Africa. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	61
16	Simulation of present and future climate of Saudi Arabia using a regional climate model (<scp>PRECIS</scp>). International Journal of Climatology, 2013, 33, 2247-2259.	3.5	59
17	Future Changes in Climate over the Arabian Peninsula based on CMIP6 Multimodel Simulations. Earth Systems and Environment, 2020, 4, 611-630.	6.2	59
18	Characterization and Elemental Composition of Atmospheric Aerosol Loads during Springtime Dust Storm in Western Saudi Arabia. Aerosol and Air Quality Research, 2015, 15, 440-453.	2.1	58

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19	Sensitivity of a regional climate model on the simulation of high intensity rainfall events over the Arabian Peninsula and around Jeddah (Saudi Arabia). Theoretical and Applied Climatology, 2011, 104, 261-276.	2.8	57
20	Performance of convection schemes on the simulation of summer monsoon features over the South Asia <scp>CORDEX</scp> domain using <scp>RegCM</scp>â€4.3. International Journal of Climatology, 2015, 35, 4695-4706.	3.5	55
21	Multidecadal Changes in the Relationship between ENSO and Wet-Season Precipitation in the Arabian Peninsula. Journal of Climate, 2015, 28, 4743-4752.	3.2	51
22	Assessment of Uncertainties in Projected Temperature and Precipitation over the Arabian Peninsula Using Three Categories of Cmp5 Multimodel Ensembles. Earth Systems and Environment, 2017, 1, 1.	6.2	51
23	Siberian high variability and its teleconnections with tropical circulations and surface air temperature over Saudi Arabia. Climate Dynamics, 2013, 41, 2003-2018.	3.8	50
24	<scp>RegCM4</scp> in climate simulation over <scp>CORDEXâ€MENA</scp> /Arab domain: selection of suitable domain, convection and landâ€surface schemes. International Journal of Climatology, 2016, 36, 236-251.	3.5	48
25	Long-term changes in seasonal temperature extremes over Saudi Arabia during 1981-2010. International Journal of Climatology, 2015, 35, 1579-1592.	3.5	46
26	Changes in Temperature Trends and Extremes over Saudi Arabia for the Period 1978â€2019. Advances in Meteorology, 2020, 2020, 1-21.	1.6	43
27	Classification of aerosols over Saudi Arabia from 2004â€2016. Atmospheric Environment, 2020, 241, 117785.	4.1	41
28	Dynamical downscaling of rainfall and temperature over the Arabian Peninsula using RegCM4. Climate Research, 2012, 52, 49-62.	1.1	41
29	Assessing the robustness and uncertainties of projected changes in temperature and precipitation in AR4 Global Climate Models over the Arabian Peninsula. Atmospheric Research, 2016, 182, 163-175.	4.1	38
30	Rainfall Trends and Extremes in Saudi Arabia in Recent Decades. Atmosphere, 2020, 11, 964.	2.3	38
31	Urbanization effects on the air temperature rise in Saudi Arabia. Climatic Change, 2013, 120, 109-122.	3.6	37
32	Direct effects and feedback of desert dust on the climate of the Arabian Peninsula during the wet season: a regional climate model study. Climate Dynamics, 2012, 39, 2239-2250.	3.8	36
33	Interannual variability of rainfall over the Arabian Peninsula using the <scp>IPCC AR4 Global Climate Models</scp>. International Journal of Climatology, 2013, 33, 2328-2340.	3.5	36
34	Rainwater harvesting possibility under climate change: A basin-scale case study over western province of Saudi Arabia. Atmospheric Research, 2017, 189, 11-23.	4.1	36
35	Impacts of Climate Change on Water Engineering Structures in Arid Regions: Case Studies in Turkey and Saudi Arabia. Earth Systems and Environment, 2019, 3, 43-57.	6.2	36
36	A comparison study between AOD data from MODIS deep blue collections 51 and 06 and from AERONET over Saudi Arabia. Atmospheric Research, 2019, 225, 88-95.	4.1	35

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37	Trend Analyses Methodologies in Hydro-meteorological Records. <i>Earth Systems and Environment</i> , 2020, 4, 713-738.	6.2	35
38	Contamination of the marine environment in Egypt and Saudi Arabia with personal protective equipment during COVID-19 pandemic: A short focus. <i>Science of the Total Environment</i> , 2022, 810, 152046.	8.0	35
39	Climatology of the winter Red Sea Trough. <i>Atmospheric Research</i> , 2016, 182, 20-29.	4.1	34
40	Principal components-based regionalization of the Saudi Arabian climate. <i>International Journal of Climatology</i> , 2015, 35, 2555-2573.	3.5	33
41	Saudi-KAU Coupled Global Climate Model: Description and Performance. <i>Earth Systems and Environment</i> , 2017, 1, 1.	6.2	33
42	ENSO relationship to summer rainfall variability and its potential predictability over Arabian Peninsula region. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	6.8	33
43	Assessing the robustness and uncertainties of projected changes in temperature and precipitation in AR5 Global Climate Models over the Arabian Peninsula. <i>Atmospheric Research</i> , 2017, 194, 202-213.	4.1	32
44	Spatiotemporal Investigations of Multi-Sensor Air Pollution Data over Bangladesh during COVID-19 Lockdown. <i>Remote Sensing</i> , 2021, 13, 877.	4.0	32
45	Separating the Indian and Pacific Ocean Impacts on the Euro-Atlantic Response to ENSO and Its Transition from Early to Late Winter. <i>Journal of Climate</i> , 2021, 34, 1531-1548.	3.2	32
46	Skill and predictability in multimodel ensemble forecasts for Northern Hemisphere regions with dominant winter precipitation. <i>Climate Dynamics</i> , 2017, 48, 3309-3324.	3.8	31
47	Removal of potentially toxic elements from contaminated soil and water using bone char compared to plant- and bone-derived biochars: A review. <i>Journal of Hazardous Materials</i> , 2022, 427, 128131.	12.4	31
48	Detecting climate change signals in Saudi Arabia using mean annual surface air temperatures. <i>Theoretical and Applied Climatology</i> , 2013, 113, 585-598.	2.8	29
49	Application of Landsat Data for Urban Growth Monitoring in Jeddah. <i>Earth Systems and Environment</i> , 2017, 1, 1.	6.2	29
50	Temperature Variability over Saudi Arabia and its Association with Global Climate Indices. <i>Journal of King Abdulaziz University-Meteorology Environment and Arid Land Agriculture Sciences</i> , 2011, 23, 85-108.	0.1	28
51	Interannual rainfall variability and ECMWF-based predictability over the Arabian Peninsula winter monsoon region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 233-242.	2.7	28
52	Best convective parameterization scheme within RegCM4 to downscale CMIP5 multi-model data for the CORDEX-MENA/Arab domain. <i>Theoretical and Applied Climatology</i> , 2016, 124, 807-823.	2.8	28
53	Extreme precipitation events over Saudi Arabia during the wet season and their associated teleconnections. <i>Atmospheric Research</i> , 2020, 231, 104655.	4.1	28
54	A climatological study: wet season cyclone tracks in the East Mediterranean region. <i>Theoretical and Applied Climatology</i> , 2015, 120, 351-365.	2.8	27

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55	Intensification of future heat waves in Pakistan: a study using CORDEX regional climate models ensemble. <i>Natural Hazards</i> , 2017, 87, 1635-1647.	3.4	27
56	Contribution of extreme daily precipitation to total rainfall over the Arabian Peninsula. <i>Atmospheric Research</i> , 2020, 231, 104672.	4.1	27
57	Synoptic regimes associated with the eastern Mediterranean wet season cyclone tracks. <i>Atmospheric Research</i> , 2016, 180, 92-118.	4.1	26
58	Investigations of MODIS AOD and cloud properties with CERES sensor based net cloud radiative effect and a NOAA HYSPLIT Model over Bangladesh for the period 2001â€“2016. <i>Atmospheric Research</i> , 2019, 215, 268-283.	4.1	26
59	Simulation of temperature and precipitation climatology for the CORDEX-MENA/Arab domain using RegCM4. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	25
60	Temperature Changes over the CORDEX-MENA Domain in the 21 st Century Using CMIP5 Data Downscaled with RegCM4: A Focus on the Arabian Peninsula. <i>Advances in Meteorology</i> , 2019, 2019, 1-18.	1.6	25
61	Tropical Indian Ocean Mediates ENSO Influence Over Central Southwest Asia During the Wet Season. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089308.	4.0	25
62	Atlantic Ocean influence on Middle East summer surface air temperature. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	6.8	25
63	Evaluation and comparison of CMIP6 models and MERRA-2 reanalysis AOD against Satellite observations from 2000 to 2014 over China. <i>Geoscience Frontiers</i> , 2022, 13, 101325.	8.4	25
64	Atmospheric circulation patterns in the Arab region and its relationships with Saudi Arabian surface climate: A preliminary assessment. <i>Atmospheric Research</i> , 2015, 161-162, 36-51.	4.1	24
65	Aridity and Risk Calculations in Saudi Arabian Wadis: Wadi Fatimah Case. <i>Earth Systems and Environment</i> , 2017, 1, 1.	6.2	23
66	Long-term ENSO relationship to precipitation and storm frequency over western Himalayaâ€“Karakoramâ€“Hindukush region during the winter season. <i>Climate Dynamics</i> , 2019, 53, 5265-5278.	3.8	22
67	A quantitative assessment of changes in seasonal potential predictability for the twentieth century. <i>Climate Dynamics</i> , 2013, 41, 2697-2709.	3.8	21
68	Annual and weekly patterns of ozone and particulate matter in Jeddah, Saudi Arabia. <i>Journal of the Air and Waste Management Association</i> , 2014, 64, 817-826.	1.9	21
69	Arabian Peninsula wet season dust storm distribution: regionalization and trends analysis (1983â€“2013). <i>International Journal of Climatology</i> , 2017, 37, 1356-1373.	3.5	21
70	Sub-catchments flow losses computation using Muskingumâ€“Cunge routing method and HEC-HMS GIS based techniques, case study of Wadi Al-Lith, Saudi Arabia. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1.	3.4	21
71	Evaluation of ozone, nitrogen dioxide, and carbon monoxide at nine sites in Saudi Arabia during 2007. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 871-886.	1.9	20
72	Aerosols physical properties at Hada Al Sham, western Saudi Arabia. <i>Atmospheric Environment</i> , 2016, 135, 109-117.	4.1	20

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73	Examination of multi-perturbation methods for ensemble prediction of the MJO during boreal summer. <i>Climate Dynamics</i> , 2014, 42, 2627-2637.	3.8	19
74	A climatological analysis of Saharan cyclones. <i>Climate Dynamics</i> , 2014, 43, 483-501.	3.8	19
75	Assessment of uncertainties in projected temperature and precipitation over the Arabian Peninsula: a comparison between different categories of CMIP3 models. <i>Earth Systems and Environment</i> , 2017, 1, 1.	6.2	19
76	Impacts of mid-latitude circulation on winter precipitation over the Arabian Peninsula. <i>Climate Dynamics</i> , 2019, 53, 5253-5264.	3.8	19
77	Sensitivity of <sc>AGCM</sc>â€simulated regional <sc>JJAS</sc> precipitation to different convective parameterization schemes. <i>International Journal of Climatology</i> , 2017, 37, 4594-4609.	3.5	18
78	Assessment of meteorological droughts over Saudi Arabia using surface rainfall observations during the period 1978â€“2017. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	18
79	Summer maximum temperature over the gulf cooperation council states in the twenty-first century: multimodel simulations overview. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	18
80	From Paris to Makkah: heat stress risks for Muslim pilgrims at 1.5 Â°C and 2 Â°C. <i>Environmental Research Letters</i> , 2021, 16, 024037.	5.2	18
81	Seasonal predictability of Ethiopian Kiremt rainfall and forecast skill of ECMWF's SEAS5 model. <i>Climate Dynamics</i> , 2021, 57, 3075-3091.	3.8	18
82	Identification of NO ₂ and SO ₂ Pollution Hotspots and Sources in Jiangsu Province of China. <i>Remote Sensing</i> , 2021, 13, 3742.	4.0	18
83	Actual Precipitation Index (API) for Drought Classification. <i>Earth Systems and Environment</i> , 2021, 5, 59-70.	6.2	18
84	Contribution of Synoptic Transients to the Potential Predictability of PNA Circulation Anomalies: El NiÃ±o versus La NiÃ±a. <i>Journal of Climate</i> , 2015, 28, 8347-8362.	3.2	17
85	Climatology of the 500-hPa mediterranean storms associated with Saudi Arabia wet season precipitation. <i>Climate Dynamics</i> , 2016, 47, 3029-3042.	3.8	17
86	Impact of Different Cumulus Parameterization Schemes in SAUDI-KAU AGCM. <i>Earth Systems and Environment</i> , 2017, 1, 1.	6.2	17
87	Spatiotemporal variability of rainfall trends and influencing factors in Rwanda. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 219, 105631.	1.6	17
88	Air quality in Yanbu, Saudi Arabia. <i>Journal of the Air and Waste Management Association</i> , 2016, 66, 341-355.	1.9	16
89	Multidecadal Changes in the Relationship of Storm Frequency over Euro-Mediterranean Region and ENSO During Boreal Winter. <i>Earth Systems and Environment</i> , 2017, 1, 1.	6.2	16
90	Solar Potential in Saudi Arabia for Southward-Inclined Flat-Plate Surfaces. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4101.	2.5	16

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91	Analysis of extreme summer temperatures in Saudi Arabia and the association with large-scale atmospheric circulation. <i>Atmospheric Research</i> , 2020, 231, 104659.	4.1	15
92	Potential predictability of boreal winter precipitation over central-southwest Asia in the North American multi-model ensemble. <i>Climate Dynamics</i> , 2020, 54, 473-490.	3.8	15
93	Predicting peak summer monsoon precipitation over Pakistan in ECMWF SEAS5 and North American Multimodel Ensemble. <i>International Journal of Climatology</i> , 2020, 40, 5556-5573.	3.5	15
94	An Overview of Groundwater Monitoring through Point-to-Satellite-Based Techniques. <i>Water (Switzerland)</i> , 2022, 14, 565.	2.7	15
95	Teleconnections of the tropical sea surface temperatures to the surface air temperature over Saudi Arabia in summer season. <i>International Journal of Climatology</i> , 2017, 37, 1040-1049.	3.5	14
96	Potential predictability of Arabian peninsula summer surface air temperature in the North American multimodel ensemble. <i>Climate Dynamics</i> , 2019, 53, 4249-4266.	3.8	14
97	Simulation of extreme rainfall event of November 2009 over Jeddah, Saudi Arabia: the explicit role of topography and surface heating. <i>Theoretical and Applied Climatology</i> , 2018, 132, 89-101.	2.8	13
98	The possible impact of the circumglobal wave train on the wet season dust storm activity over the northern Arabian Peninsula. <i>Climate Dynamics</i> , 2018, 50, 2257-2268.	3.8	13
99	ENSO influence on summer temperature over Arabian Peninsula: role of mid-latitude circulation. <i>Climate Dynamics</i> , 2019, 53, 5047-5062.	3.8	13
100	Extended-Range Forecasts of Areal-Averaged Rainfall over Saudi Arabia. <i>Weather and Forecasting</i> , 2015, 30, 1090-1105.	1.4	12
101	Climate Change Impact on Monthly Precipitation Wet and Dry Spells in Arid Regions: Case Study over Wadi Al-Lith Basin. <i>Advances in Meteorology</i> , 2017, 2017, 1-13.	1.6	12
102	Climate Extremes over the Arabian Peninsula Using RegCM4 for Present Conditions Forced by Several CMIP5 Models. <i>Atmosphere</i> , 2019, 10, 675.	2.3	12
103	Seasonal and regional changes in temperature projections over the Arabian Peninsula based on the CMIP5 multi-model ensemble dataset. <i>Atmospheric Research</i> , 2020, 239, 104913.	4.1	12
104	Effect of mid-latitude blocking anticyclones on the weather of the Arabian Peninsula. <i>International Journal of Climatology</i> , 2013, 33, 585-598.	3.5	11
105	Coupled Model Inter-comparison Project Database to Calculate Drought Indices for Saudi Arabia: A Preliminary Assessment. <i>Earth Systems and Environment</i> , 2019, 3, 419-428.	6.2	11
106	Identification of Aerosol Pollution Hotspots in Jiangsu Province of China. <i>Remote Sensing</i> , 2021, 13, 2842.	4.0	11
107	Spatiotemporal dynamics of glacial lakes (1990–2018) in the Kashmir Himalayas, India using Remote Sensing and GIS. <i>Discover Water</i> , 2021, 1, 1.	2.9	11
108	High resolution inventory and hazard assessment of potentially dangerous glacial lakes in upper Jhelum basin, Kashmir Himalaya, India. <i>Geocarto International</i> , 2022, 37, 10681-10712.	3.5	11

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109	Spatiotemporal changes in aerosols over Bangladesh using 18 years of MODIS and reanalysis data. <i>Journal of Environmental Management</i> , 2022, 315, 115097.	7.8	11
110	The role of land surface fluxes in Saudi-KAU AGCM: Temperature climatology over the Arabian Peninsula for the period 1981–2010. <i>Atmospheric Research</i> , 2018, 200, 139-152.	4.1	10
111	Characteristics of the internal and external sources of the Mediterranean synoptic cyclones for the period 1956–2013. <i>Theoretical and Applied Climatology</i> , 2018, 133, 811-827.	2.8	10
112	Near-real-time spatiotemporal analysis of convection and extreme rainfall leading to a flash flood using <i>MSCa</i> and <i>TRMM</i> data: A case study of a flash flood in Jeddah, Saudi Arabia on the November 25, 2009. <i>Journal of Flood Risk Management</i> , 2020, 13, e12611.	3.3	10
113	Evaluating the potential of offshore wind energy in the Gulf of Oman using the MENA-CORDEX wind speed data simulations. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2021, 15, 613-626.	3.1	10
114	Solar Potential in Saudi Arabia for Flat-Plate Surfaces of Varying Tilt Tracking the Sun. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11564.	2.5	9
115	The Role Played by Blocking Systems over Europe in Abnormal Weather over Kingdom of Saudi Arabia in Summer 2010. <i>Advances in Meteorology</i> , 2013, 2013, 1-20.	1.6	8
116	A mass flux closure function in a GCM based on the Richardson number. <i>Climate Dynamics</i> , 2014, 42, 1129-1138.	3.8	8
117	Volumetric Quantification of Flash Flood Using Microwave Data on a Watershed Scale in Arid Environments, Saudi Arabia. <i>Sustainability</i> , 2021, 13, 4115.	3.2	8
118	Solar Potential in Saudi Arabia for Inclined Flat-Plate Surfaces of Constant Tilt Tracking the Sun. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7105.	2.5	8
119	Early summer surface air temperature variability over Pakistan and the role of El Niño–Southern Oscillation teleconnections. <i>International Journal of Climatology</i> , 2022, 42, 5768-5784.	3.5	8
120	Impacts of mid-latitude circulation on winter temperature variability in the Arabian Peninsula: the explicit role of NAO. <i>Climate Dynamics</i> , 2023, 60, 147-164.	3.8	8
121	Dengue infection in patients with febrile illness and its relationship to climate factors: A case study in the city of Jeddah, Saudi Arabia, for the period 2010–2014. <i>Acta Tropica</i> , 2018, 181, 105-111.	2.0	7
122	Climatology of the spring Red Sea Trough. <i>International Journal of Climatology</i> , 2019, 39, 4218-4233.	3.5	7
123	Synoptic features associated with the winter variability of the subtropical jet stream over Africa and the Middle East. <i>Meteorology and Atmospheric Physics</i> , 2020, 132, 819-831.	2.0	7
124	Saudi Arabia's summer surface air temperature and its association with circulation patterns. <i>International Journal of Climatology</i> , 2020, 40, 5727-5743.	3.5	7
125	Groundwater share quantification through flood hydrographs simulation using two temporal rainfall distributions 114(2018)109-119 DOI: https://doi.org/ , 0, 114, 109-119.		7
126	Solar Energy Potential on Surfaces with Various Inclination Modes in Saudi Arabia: Performance of an Isotropic and an Anisotropic Model. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5356.	2.5	7

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127	Engineering risk assessment on water structures under climate change effects. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	6
128	Revisiting the strong and weak ENSO teleconnection impacts using a high-resolution atmospheric model. Atmospheric Environment, 2022, 270, 118866.	4.1	6
129	A mathematical model for the climate change: Can unpredictability offset the temptations to pollute?. Applied Mathematics and Computation, 2015, 265, 187-195.	2.2	5
130	Study of the relationship between African ITCZ variability and an extreme heat wave on Egypt in summer 2015. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	5
131	Study of the relationship between geopotential height anomaly over Europe and extreme abnormal weather over the Eastern Mediterranean and Middle East during December 2013. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	5
132	An improvement in mass flux convective parameterizations and its impact on seasonal simulations using a coupled model. Theoretical and Applied Climatology, 2017, 127, 779-791.	2.8	5
133	Evaluating the aptitude of global climate models from <scp>CMIP5</scp> and <scp>CMIP6</scp> in capturing the historical observations of monsoon rainfall over Sudan from 1946 to 2005. International Journal of Climatology, 2022, 42, 2717-2738.	3.5	5
134	Spring Saharan Cyclones over Saudi Arabia: Preliminary Study of the Impacts on Climate. Earth Systems and Environment, 2019, 3, 153-171.	6.2	3
135	Assessment of CMIP5 global climate models and projected changes in surface air temperature over the Arabian Peninsula in the twenty-first century. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	2
136	Skill of the Saudi-KAU CGCM in Forecasting ENSO and its Comparison with NMME and C3S Models. Earth Systems and Environment, 2022, 6, 327.	6.2	2
137	Dynamical downscaled CMIP5 scenario-based future climate changes over the Arabian Peninsula. Arabian Journal of Geosciences, 2022, 15, .	1.3	2
138	Synoptic characteristics of rainy winters over the northern Arabian Peninsula. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	0
139	Impacts of aerosols and climate modes on tropical cyclone frequency over the North Indian Ocean: a statistical link approach. Journal of Climate, 2022, , 1-46.	3.2	0