

# Mansour Almazroui

## List of Publications by Year in descending order

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139  
papers

5,042  
citations

134610

34  
h-index

139680

61  
g-index

143  
all docs

143  
docs citations

143  
times ranked

4016  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	8
2	Evaluating the aptitude of global climate models from CMIP5 and CMIP6 in capturing the historical observations of monsoon rainfall over Sudan from 1946 to 2005. <i>International Journal of Climatology</i> , 2022, 42, 2717-2738.	1.5	5
3	Sustainable applications of rice feedstock in agro-environmental and construction sectors: A global perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 153, 111791.	8.2	78
4	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.	4.3	25
5	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.	3.9	35
6	Revisiting the strong and weak ENSO teleconnection impacts using a high-resolution atmospheric model. <i>Atmospheric Environment</i> , 2022, 270, 118866.	1.9	6
7	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.	6.5	31
8	Impacts of aerosols and climate modes on tropical cyclone frequency over the North Indian Ocean: a statistical link approach. <i>Journal of Climate</i> , 2022, , 1-46.	1.2	0
9	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.	1.5	8
10	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.	1.7	11
11	An Overview of Groundwater Monitoring through Point-to Satellite-Based Techniques. <i>Water (Switzerland)</i> , 2022, 14, 565.	1.2	15
12	Skill of the Saudi-KAU CGCM in Forecasting ENSO and its Comparison with NMME and C3S Models. <i>Earth Systems and Environment</i> , 2022, 6, 327.	3.0	2
13	Dynamical downscaled CMIP5 scenario-based future climate changes over the Arabian Peninsula. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	2
14	Spatiotemporal changes in aerosols over Bangladesh using 18 years of MODIS and reanalysis data. <i>Journal of Environmental Management</i> , 2022, 315, 115097.	3.8	11
15	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.	1.3	7
16	Projected Changes in Temperature and Precipitation Over the United States, Central America, and the Caribbean in CMIP6 GCMs. <i>Earth Systems and Environment</i> , 2021, 5, 1-24.	3.0	125
17	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.	1.5	10
18	Spatiotemporal Investigations of Multi-Sensor Air Pollution Data over Bangladesh during COVID-19 Lockdown. <i>Remote Sensing</i> , 2021, 13, 877.	1.8	32

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19	From Paris to Makkah: heat stress risks for Muslim pilgrims at 1.5 Â°C and 2 Â°C. Environmental Research Letters, 2021, 16, 024037.	2.2	18
20	Separating the Indian and Pacific Ocean Impacts on the Euro-Atlantic Response to ENSO and Its Transition from Early to Late Winter. Journal of Climate, 2021, 34, 1531-1548.	1.2	32
21	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, .	2.6	61
22	Solar Potential in Saudi Arabia for Southward-Inclined Flat-Plate Surfaces. Applied Sciences (Switzerland), 2021, 11, 4101.	1.3	16
23	Volumetric Quantification of Flash Flood Using Microwave Data on a Watershed Scale in Arid Environments, Saudi Arabia. Sustainability, 2021, 13, 4115.	1.6	8
24	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.	1.7	81
25	Assessment of CMIP6 Performance and Projected Temperature and Precipitation Changes Over South America. Earth Systems and Environment, 2021, 5, 155-183.	3.0	103
26	Seasonal predictability of Ethiopian Kiremt rainfall and forecast skill of ECMWF's SEAS5 model. Climate Dynamics, 2021, 57, 3075-3091.	1.7	18
27	Synoptic characteristics of rainy winters over the northern Arabian Peninsula. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	0
28	Solar Potential in Saudi Arabia for Inclined Flat-Plate Surfaces of Constant Tilt Tracking the Sun. Applied Sciences (Switzerland), 2021, 11, 7105.	1.3	8
29	Identification of Aerosol Pollution Hotspots in Jiangsu Province of China. Remote Sensing, 2021, 13, 2842.	1.8	11
30	Projected Changes in Climate Extremes Using CMIP6 Simulations Over SREX Regions. Earth Systems and Environment, 2021, 5, 481-497.	3.0	104
31	Spatiotemporal variability of rainfall trends and influencing factors in Rwanda. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 219, 105631.	0.6	17
32	Identification of NO2 and SO2 Pollution Hotspots and Sources in Jiangsu Province of China. Remote Sensing, 2021, 13, 3742.	1.8	18
33	Actual Precipitation Index (API) for Drought Classification. Earth Systems and Environment, 2021, 5, 59-70.	3.0	18
34	Spatiotemporal dynamics of glacial lakes (1990â€“2018) in the Kashmir Himalayas, India using Remote Sensing and GIS. Discover Water, 2021, 1, 1.	1.1	11
35	Solar Potential in Saudi Arabia for Flat-Plate Surfaces of Varying Tilt Tracking the Sun. Applied Sciences (Switzerland), 2021, 11, 11564.	1.3	9
36	Analysis of extreme summer temperatures in Saudi Arabia and the association with large-scale atmospheric circulation. Atmospheric Research, 2020, 231, 104659.	1.8	15

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37	Contribution of extreme daily precipitation to total rainfall over the Arabian Peninsula. Atmospheric Research, 2020, 231, 104672.	1.8	27
38	Extreme precipitation events over Saudi Arabia during the wet season and their associated teleconnections. Atmospheric Research, 2020, 231, 104655.	1.8	28
39	Potential predictability of boreal winter precipitation over central-southwest Asia in the North American multi-model ensemble. Climate Dynamics, 2020, 54, 473-490.	1.7	15
40	Synoptic features associated with the winter variability of the subtropical jet stream over Africa and the Middle East. Meteorology and Atmospheric Physics, 2020, 132, 819-831.	0.9	7
41	Changes in Temperature Trends and Extremes over Saudi Arabia for the Period 1978â€“2019. Advances in Meteorology, 2020, 2020, 1-21.	0.6	43
42	Classification of aerosols over Saudi Arabia from 2004â€“2016. Atmospheric Environment, 2020, 241, 117785.	1.9	41
43	Future Changes in Climate over the Arabian Peninsula based on CMIP6 Multimodel Simulations. Earth Systems and Environment, 2020, 4, 611-630.	3.0	59
44	Rainfall Trends and Extremes in Saudi Arabia in Recent Decades. Atmosphere, 2020, 11, 964.	1.0	38
45	Tropical Indian Ocean Mediates ENSO Influence Over Central Southwest Asia During the Wet Season. Geophysical Research Letters, 2020, 47, e2020GL089308.	1.5	25
46	Trend Analyses Methodologies in Hydro-meteorological Records. Earth Systems and Environment, 2020, 4, 713-738.	3.0	35
47	Summer maximum temperature over the gulf cooperation council states in the twenty-first century: multimodel simulations overview. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	18
48	Projections of Precipitation and Temperature over the South Asian Countries in CMIP6. Earth Systems and Environment, 2020, 4, 297-320.	3.0	254
49	Saudi Arabia's summer surface air temperature and its association with circulation patterns. International Journal of Climatology, 2020, 40, 5727-5743.	1.5	7
50	Projected Change in Temperature and Precipitation Over Africa from CMIP6. Earth Systems and Environment, 2020, 4, 455-475.	3.0	219
51	Seasonal and regional changes in temperature projections over the Arabian Peninsula based on the CMIP5 multi-model ensemble dataset. Atmospheric Research, 2020, 239, 104913.	1.8	12
52	Predicting peak summer monsoon precipitation over Pakistan in ECMWF SEAS5 and North American Multimodel Ensemble. International Journal of Climatology, 2020, 40, 5556-5573.	1.5	15
53	Atlantic Ocean influence on Middle East summer surface air temperature. Npj Climate and Atmospheric Science, 2020, 3, .	2.6	25
54	Near-real-time spatiotemporal analysis of convection and extreme rainfall leading to a flash flood using <sc>MSG&lt;/sc> SEVIRI</sc> and <sc>TRMM</sc> data: A case study of a flash flood in Jeddah, Saudi Arabia on the November 25, 2009. Journal of Flood Risk Management, 2020, 13, e12611.	1.6	10

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55	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.	3.0	11
56	Spring Saharan Cyclones over Saudi Arabia: Preliminary Study of the Impacts on Climate. <i>Earth Systems and Environment</i> , 2019, 3, 153-171.	3.0	3
57	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.	1.7	22
58	Impacts of mid-latitude circulation on winter precipitation over the Arabian Peninsula. <i>Climate Dynamics</i> , 2019, 53, 5253-5264.	1.7	19
59	Temperature Changes over the CORDEX-MENA Domain in the 21 <sup>st</sup> Century Using CMIP5 Data Downscaled with RegCM4: A Focus on the Arabian Peninsula. <i>Advances in Meteorology</i> , 2019, 2019, 1-18.	0.6	25
60	ENSO influence on summer temperature over Arabian Peninsula: role of mid-latitude circulation. <i>Climate Dynamics</i> , 2019, 53, 5047-5062.	1.7	13
61	Potential predictability of Arabian peninsula summer surface air temperature in the North American multimodel ensemble. <i>Climate Dynamics</i> , 2019, 53, 4249-4266.	1.7	14
62	Climatology of the spring Red Sea Trough. <i>International Journal of Climatology</i> , 2019, 39, 4218-4233.	1.5	7
63	A comparison study between AOD data from MODIS deep blue collections 51 and 06 and from AERONET over Saudi Arabia. <i>Atmospheric Research</i> , 2019, 225, 88-95.	1.8	35
64	Climate Extremes over the Arabian Peninsula Using RegCM4 for Present Conditions Forced by Several CMIP5 Models. <i>Atmosphere</i> , 2019, 10, 675.	1.0	12
65	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.	0.6	18
66	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.	1.8	26
67	Impacts of Climate Change on Water Engineering Structures in Arid Regions: Case Studies in Turkey and Saudi Arabia. <i>Earth Systems and Environment</i> , 2019, 3, 43-57.	3.0	36
68	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 2010â€“2014. <i>Acta Tropica</i> , 2018, 181, 105-111.	0.9	7
69	ENSO relationship to summer rainfall variability and its potential predictability over Arabian Peninsula region. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	33
70	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.	1.3	13
71	The role of land surface fluxes in Saudi-KAU AGCM: Temperature climatology over the Arabian Peninsula for the period 1981â€“2010. <i>Atmospheric Research</i> , 2018, 200, 139-152.	1.8	10
72	Characteristics of the internal and external sources of the Mediterranean synoptic cyclones for the period 1956â€“2013. <i>Theoretical and Applied Climatology</i> , 2018, 133, 811-827.	1.3	10

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73	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.	1.7	13
74	Assessment of CMIP5 global climate models and projected changes in surface air temperature over the Arabian Peninsula in the twenty-first century. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	2
75	An improvement in mass flux convective parameterizations and its impact on seasonal simulations using a coupled model. <i>Theoretical and Applied Climatology</i> , 2017, 127, 779-791.	1.3	5
76	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.	1.5	14
77	Arabian Peninsula wet season dust storm distribution: regionalization and trends analysis (1983â€“2013). <i>International Journal of Climatology</i> , 2017, 37, 1356-1373.	1.5	21
78	Rainwater harvesting possibility under climate change: A basin-scale case study over western province of Saudi Arabia. <i>Atmospheric Research</i> , 2017, 189, 11-23.	1.8	36
79	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.	1.9	21
80	Intensification of future heat waves in Pakistan: a study using CORDEX regional climate models ensemble. <i>Natural Hazards</i> , 2017, 87, 1635-1647.	1.6	27
81	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.	1.8	32
82	Sensitivity of <sc>AGCM</sc>â€™s simulated regional <sc>JJAS</sc> precipitation to different convective parameterization schemes. <i>International Journal of Climatology</i> , 2017, 37, 4594-4609.	1.5	18
83	Trend Analyses Revision and Global Monthly Temperature Innovative Multi-Duration Analysis. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	78
84	Aridity and Risk Calculations in Saudi Arabian Wadis: Wadi Fatimah Case. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	23
85	Engineering risk assessment on water structures under climate change effects. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	6
86	Impact of Different Cumulus Parameterization Schemes in SAUDI-KAU AGCM. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	17
87	Skill and predictability in multimodel ensemble forecasts for Northern Hemisphere regions with dominant winter precipitation. <i>Climate Dynamics</i> , 2017, 48, 3309-3324.	1.7	31
88	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.	3.0	19
89	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.	0.6	12
90	Saudi-KAU Coupled Global Climate Model: Description and Performance. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	33

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91	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.	3.0	16
92	Assessment of Uncertainties in Projected Temperature and Precipitation over the Arabian Peninsula Using Three Categories of Cmp5 Multimodel Ensembles. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	51
93	Application of Landsat Data for Urban Growth Monitoring in Jeddah. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	29
94	Synoptic regimes associated with the eastern Mediterranean wet season cyclone tracks. <i>Atmospheric Research</i> , 2016, 180, 92-118.	1.8	26
95	<scp>RegCM4</scp> in climate simulation over <scp>CORDEXâ€MENA</scp> /Arab domain: selection of suitable domain, convection and landâ€surface schemes. <i>International Journal of Climatology</i> , 2016, 36, 236-251.	1.5	48
96	Study of the relationship between African ITCZ variability and an extreme heat wave on Egypt in summer 2015. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	5
97	Assessing the robustness and uncertainties of projected changes in temperature and precipitation in AR4 Global Climate Models over the Arabian Peninsula. <i>Atmospheric Research</i> , 2016, 182, 163-175.	1.8	38
98	Interannual rainfall variability and ECMWFâ€Sys4â€based predictability over the Arabian Peninsula winter monsoon region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 233-242.	1.0	28
99	Climatology of the winter Red Sea Trough. <i>Atmospheric Research</i> , 2016, 182, 20-29.	1.8	34
100	Study of the relationship between geopotential height anomaly over Europe and extreme abnormal weather over the Eastern Mediterranean and Middle East during December 2013. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	5
101	Aerosols physical properties at Hada Al Sham, western Saudi Arabia. <i>Atmospheric Environment</i> , 2016, 135, 109-117.	1.9	20
102	Climatology of the 500-hPa mediterranean storms associated with Saudi Arabia wet season precipitation. <i>Climate Dynamics</i> , 2016, 47, 3029-3042.	1.7	17
103	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.	1.3	28
104	Air quality in Yanbu, Saudi Arabia. <i>Journal of the Air and Waste Management Association</i> , 2016, 66, 341-355.	0.9	16
105	Simulation of temperature and precipitation climatology for the CORDEX-MENA/Arab domain using RegCM4. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	25
106	Rainfall: Features and Variations over Saudi Arabia, A Review. <i>Climate</i> , 2015, 3, 578-626.	1.2	119
107	Multidecadal Changes in the Relationship between ENSO and Wet-Season Precipitation in the Arabian Peninsula. <i>Journal of Climate</i> , 2015, 28, 4743-4752.	1.2	51
108	Principal componentsâ€based regionalization of the Saudi Arabian climate. <i>International Journal of Climatology</i> , 2015, 35, 2555-2573.	1.5	33



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109	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.	1.8	24
110	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.	0.9	20
111	Performance of convection schemes on the simulation of summer monsoon features over the South Asia <sc>CORDEX</sc> domain using <sc>RegCM</sc> v4.3. <i>International Journal of Climatology</i> , 2015, 35, 4695-4706.	1.5	55
112	Extended-Range Forecasts of Areal-Averaged Rainfall over Saudi Arabia. <i>Weather and Forecasting</i> , 2015, 30, 1090-1105.	0.5	12
113	Contribution of Synoptic Transients to the Potential Predictability of PNA Circulation Anomalies: El Niño versus La Niña. <i>Journal of Climate</i> , 2015, 28, 8347-8362.	1.2	17
114	A mathematical model for the climate change: Can unpredictability offset the temptations to pollute?. <i>Applied Mathematics and Computation</i> , 2015, 265, 187-195.	1.4	5
115	Long-term changes in seasonal temperature extremes over Saudi Arabia during 1981-2010. <i>International Journal of Climatology</i> , 2015, 35, 1579-1592.	1.5	46
116	A climatological study: wet season cyclone tracks in the East Mediterranean region. <i>Theoretical and Applied Climatology</i> , 2015, 120, 351-365.	1.3	27
117	Characterization and Elemental Composition of Atmospheric Aerosol Loads during Springtime Dust Storm in Western Saudi Arabia. <i>Aerosol and Air Quality Research</i> , 2015, 15, 440-453.	0.9	58
118	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.	0.9	21
119	Trends of temperature extremes in Saudi Arabia. <i>International Journal of Climatology</i> , 2014, 34, 808-826.	1.5	118
120	Examination of multi-perturbation methods for ensemble prediction of the MJO during boreal summer. <i>Climate Dynamics</i> , 2014, 42, 2627-2637.	1.7	19
121	A climatological analysis of Saharan cyclones. <i>Climate Dynamics</i> , 2014, 43, 483-501.	1.7	19
122	A mass flux closure function in a GCM based on the Richardson number. <i>Climate Dynamics</i> , 2014, 42, 1129-1138.	1.7	8
123	Changes in extreme temperature and precipitation in the Arab region: long-term trends and variability related to <sc>ENSO</sc> and <sc>NAO</sc>. <i>International Journal of Climatology</i> , 2014, 34, 581-592.	1.5	288
124	Effect of mid-latitude blocking anticyclones on the weather of the Arabian Peninsula. <i>International Journal of Climatology</i> , 2013, 33, 585-598.	1.5	11
125	A quantitative assessment of changes in seasonal potential predictability for the twentieth century. <i>Climate Dynamics</i> , 2013, 41, 2697-2709.	1.7	21
126	Siberian high variability and its teleconnections with tropical circulations and surface air temperature over Saudi Arabia. <i>Climate Dynamics</i> , 2013, 41, 2003-2018.	1.7	50



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127	Urbanization effects on the air temperature rise in Saudi Arabia. <i>Climatic Change</i> , 2013, 120, 109-122.	1.7	37
128	Detecting climate change signals in Saudi Arabia using mean annual surface air temperatures. <i>Theoretical and Applied Climatology</i> , 2013, 113, 585-598.	1.3	29
129	Simulation of present and future climate of Saudi Arabia using a regional climate model (<scp>PRECIS</scp>). <i>International Journal of Climatology</i> , 2013, 33, 2247-2259.	1.5	59
130	Interannual variability of rainfall over the Arabian Peninsula using the <scp>IPCC AR4 Global Climate Models</scp>. <i>International Journal of Climatology</i> , 2013, 33, 2328-2340.	1.5	36
131	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.	0.6	8
132	Direct effects and feedback of desert dust on the climate of the Arabian Peninsula during the wet season: a regional climate model study. <i>Climate Dynamics</i> , 2012, 39, 2239-2250.	1.7	36
133	Recent climate change in the Arabian Peninsula: Seasonal rainfall and temperature climatology of Saudi Arabia for 1979â€“2009. <i>Atmospheric Research</i> , 2012, 111, 29-45.	1.8	231
134	Recent climate change in the Arabian Peninsula: annual rainfall and temperature analysis of Saudi Arabia for 1978â€“2009. <i>International Journal of Climatology</i> , 2012, 32, 953-966.	1.5	259
135	Dynamical downscaling of rainfall and temperature over the Arabian Peninsula using RegCM4. <i>Climate Research</i> , 2012, 52, 49-62.	0.4	41
136	Calibration of TRMM rainfall climatology over Saudi Arabia during 1998â€“2009. <i>Atmospheric Research</i> , 2011, 99, 400-414.	1.8	246
137	Sensitivity of a regional climate model on the simulation of high intensity rainfall events over the Arabian Peninsula and around Jeddah (Saudi Arabia). <i>Theoretical and Applied Climatology</i> , 2011, 104, 261-276.	1.3	57
138	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
139	Groundwater share quantification through flood hydrographs simulation using two temporal rainfall distributions 114(2018)109-119 DOI: <a href="https://doi.org/">https://doi.org/</a> , 0, 114, 109-119.		7