Abdullrahman Maghrabi

List of Publications by Year
in descending order

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20 papers	303 citations	933447 10 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	341 citing authors

#	Article	IF	Citations
1	Correlation analyses between downward longwave radiation particulate matters, aerosol optical depth, and metrological variables under non-dusty and cloudless conditions. Theoretical and Applied Climatology, 2022, 148, 1577-1586.	2.8	0
2	Charged particle detector-related activities of the KACST radiation detector laboratory. Journal of Radiation Research and Applied Sciences, 2021, 14, 111-124.	1.2	3
3	Short-term periodicities in the downward longwave radiation and their associations with cosmic ray and solar interplanetary data. Advances in Space Research, 2021, 67, 1672-1681.	2.6	4
4	Quasi-periodicities in cosmic rays recorded by the KACST muon detector during 2002â€“2012. Advances in Space Research, 2021, 67, 1665-1671.	2.6	5
5	Characterization of ultraviolet radiation (UVA) in the desert climate of the Central Arabian Peninsula. Theoretical and Applied Climatology, 2021, 146, 631-644.	2.8	2
6	Cosmic rays detection in Saudi Arabia: Review of the facilities and preliminarily results. Journal of King Saud University - Science, 2021, 33, 101495.	3.5	2
7	Correlation analyses between solar activity parameters and cosmic ray muons between 2002 and 2012 at high cutoff rigidity. Advances in Space Research, 2021, 68, 2941-2952.	2.6	5
8	Cosmic ray observations by CARPET detector installed in central Saudi Arabia-preliminary results. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 200, 105194.	1.6	10
9	Relationship between time series cosmic ray data and aerosol optical properties: 1999â€“2015. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 190, 36-44.	1.6	20
10	The influence of several atmospheric variables on cosmic ray muons observed by KACST detector. Advances in Space Research, 2018, 62, 3267-3277.	2.6	12
11	The influence of dust storms on solar radiation data, aerosol properties and meteorological variables in Central Arabian Peninsula. International Journal of Environmental Science and Technology, 2017, 14, 1643-1650.	3.5	4
12	Small three-layer multiwire-based detector for cosmic ray muon variation studies at high geomagnetic rigidity cutoff. Journal of Astronomical Telescopes, Instruments, and Systems, 2017, 3, 026001.	1.8	3
13	Atmospheric Effect on Cosmic Ray Muons at High Cut-Off Rigidity Station. Advances in Astronomy, 2016, 2016, 1-9.	1.1	10
14	Atmospheric- Weighted Temperature and its influence on Cosmic Ray muons. , 2016, , .		3
15	Estimation of precipitable water vapour using vapour pressure and air temperature in an arid region in central Saudi Arabia. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2013, 14, 1-8.	1.0	23
16	The March 2009 Dust Event in Saudi Arabia: Precursor and Supportive Environment. Bulletin of the American Meteorological Society, 2013, 94, 515-528.	3.3	70
17	Impact of the March 2009 dust event in Saudi Arabia on aerosol optical properties, meteorological parameters, sky temperature and emissivity. Atmospheric Environment, 2011, 45, 2164-2173.	4.1	79
18	Nocturnal infrared clear sky temperatures correlated with screen temperatures and GPS-derived PWV in southern Australia. Energy Conversion and Management, 2011, 52, 2925-2936.	9.2	14

#	Article	IF	Citations
19	Precipitable water vapour estimation on the basis of sky temperatures measured by a single-pixel IR detector and screen temperatures under clear skies. Meteorological Applications, 2010, 17, 279-286.	2.1	14
20	Design and development of a simple infrared monitor for cloud detection. Energy Conversion and Management, 2009, 50, 2732-2737.	9.2	20