

Abdullrahman Maghrabi

List of Publications by Year in descending order

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Version: 2024-02-01

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	Impact of the March 2009 dust event in Saudi Arabia on aerosol optical properties, meteorological parameters, sky temperature and emissivity. <i>Atmospheric Environment</i> , 2011, 45, 2164-2173.	4.1	79
2	The March 2009 Dust Event in Saudi Arabia: Precursor and Supportive Environment. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 515-528.	3.3	70
3	Estimation of precipitable water vapour using vapour pressure and air temperature in an arid region in central Saudi Arabia. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2013, 14, 1-8.	1.0	23
4	Design and development of a simple infrared monitor for cloud detection. <i>Energy Conversion and Management</i> , 2009, 50, 2732-2737.	9.2	20
5	Relationship between time series cosmic ray data and aerosol optical properties: 1999–2015. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 190, 36-44.	1.6	20
6	Precipitable water vapour estimation on the basis of sky temperatures measured by a single-pixel IR detector and screen temperatures under clear skies. <i>Meteorological Applications</i> , 2010, 17, 279-286.	2.1	14
7	Nocturnal infrared clear sky temperatures correlated with screen temperatures and GPS-derived PWV in southern Australia. <i>Energy Conversion and Management</i> , 2011, 52, 2925-2936.	9.2	14
8	The influence of several atmospheric variables on cosmic ray muons observed by KACST detector. <i>Advances in Space Research</i> , 2018, 62, 3267-3277.	2.6	12
9	Atmospheric Effect on Cosmic Ray Muons at High Cut-Off Rigidity Station. <i>Advances in Astronomy</i> , 2016, 2016, 1-9.	1.1	10
10	Cosmic ray observations by CARPET detector installed in central Saudi Arabia-preliminary results. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 200, 105194.	1.6	10
11	Quasi-periodicities in cosmic rays recorded by the KACST muon detector during 2002–2012. <i>Advances in Space Research</i> , 2021, 67, 1665-1671.	2.6	5
12	Correlation analyses between solar activity parameters and cosmic ray muons between 2002 and 2012 at high cutoff rigidity. <i>Advances in Space Research</i> , 2021, 68, 2941-2952.	2.6	5
13	The influence of dust storms on solar radiation data, aerosol properties and meteorological variables in Central Arabian Peninsula. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 1643-1650.	3.5	4
14	Short-term periodicities in the downward longwave radiation and their associations with cosmic ray and solar interplanetary data. <i>Advances in Space Research</i> , 2021, 67, 1672-1681.	2.6	4
15	Small three-layer multiwire-based detector for cosmic ray muon variation studies at high geomagnetic rigidity cutoff. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2017, 3, 026001.	1.8	3
16	Charged particle detector-related activities of the KACST radiation detector laboratory. <i>Journal of Radiation Research and Applied Sciences</i> , 2021, 14, 111-124.	1.2	3
17	Atmospheric- Weighted Temperature and its influence on Cosmic Ray muons. , 2016, , .		3
18	Characterization of ultraviolet radiation (UVA) in the desert climate of the Central Arabian Peninsula. <i>Theoretical and Applied Climatology</i> , 2021, 146, 631-644.	2.8	2

#	ARTICLE	IF	CITATIONS
19	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
20	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