

H Athar

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,430
citations

471061

17
h-index

329751

37
g-index

43
all docs

43
docs citations

43
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Effects of neutrino mixing on high-energy cosmic neutrino flux. <i>Physical Review D</i> , 2000, 62, .	1.6	155
4	Validation of satellite based precipitation over diverse topography of Pakistan. <i>Atmospheric Research</i> , 2018, 201, 247-260.	1.8	80
5	Trends in observed extreme climate indices in Saudi Arabia during 1979â€“2008. <i>International Journal of Climatology</i> , 2014, 34, 1561-1574.	1.5	51
6	Variability, trends, and teleconnections of observed precipitation over Pakistan. <i>Theoretical and Applied Climatology</i> , 2018, 134, 613-632.	1.3	47
7	A Dynamic Analysis of the Role of the Planetary- and Synoptic-Scale in the Summer of 2010 Blocking Episodes over the European Part of Russia. <i>Advances in Meteorology</i> , 2012, 2012, 1-11.	0.6	45
8	Prospects for observations of high-energy cosmic tau neutrinos. <i>Physical Review D</i> , 2000, 62, .	1.6	43
9	Run-based multi-model interannual variability assessment of precipitation and temperature over Pakistan using two IPCC AR4-based AOGCMs. <i>Theoretical and Applied Climatology</i> , 2017, 127, 1-16.	1.3	43
10	An AOGCM based assessment of interseasonal variability in Pakistan. <i>Climate Dynamics</i> , 2018, 50, 349-373.	1.7	41
11	INTRINSIC AND OSCILLATED ASTROPHYSICAL NEUTRINO FLAVOR RATIOS REVISITED. <i>Modern Physics Letters A</i> , 2006, 21, 1049-1065.	0.5	40
12	Energy spectrum of tau leptons induced by the high energy Earth-skimming neutrinos. <i>Physical Review D</i> , 2003, 68, .	1.6	36
13	Interannual variability of rainfall over the Arabian Peninsula using the <sc>IPCC AR4 Global Climate Models</sc>. <i>International Journal of Climatology</i> , 2013, 33, 2328-2340.	1.5	36
14	Teleconnections and variability in observed rainfall over Saudi Arabia during 1978â€“2010. <i>Atmospheric Science Letters</i> , 2015, 16, 373-379.	0.8	35
15	Neutrino spin-flip effects in collapsing stars. <i>Physical Review D</i> , 1995, 51, 6647-6662.	1.6	28
16	Scale Analysis of Blocking Events from 2002 to 2004: A Case Study of an Unusually Persistent Blocking Event Leading to a Heat Wave in the Gulf of Alaska during August 2004. <i>Advances in Meteorology</i> , 2010, 2010, 1-15.	0.6	27
17	Classification of precipitation regimes in Pakistan using wet and dry spells. <i>International Journal of Climatology</i> , 2018, 38, 2462-2477.	1.5	22
18	Observed diurnal temperature range variations and its association with observed cloud cover in northern Pakistan. <i>International Journal of Climatology</i> , 2018, 38, 3323-3336.	1.5	16

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19	Comparison of high-energy galactic and atmospheric tau neutrino flux. <i>Astroparticle Physics</i> , 2003, 18, 581-592.	1.9	15
20	Assessment of simulated and projected climate change in Pakistan using IPCC AR4-based AOGCMs. <i>Theoretical and Applied Climatology</i> , 2018, 134, 967-980.	1.3	15
21	Seasonal characteristics of the large-scale moisture flux transport over the Arabian Peninsula. <i>Theoretical and Applied Climatology</i> , 2016, 124, 565-578.	1.3	13
22	Neutrino conversions in cosmological gamma-ray burst fireballs. <i>Astroparticle Physics</i> , 2000, 14, 217-225.	1.9	12
23	Spatiotemporal variability in daily observed precipitation and its relationship with snow cover of Hindukush, Karakoram and Himalaya region in northern Pakistan. <i>Atmospheric Research</i> , 2019, 228, 196-205.	1.8	12
24	Tau neutrino astronomy in GeV energies. <i>Physical Review D</i> , 2005, 71, .	1.6	11
25	Decadal variability of the observed daily temperature in Saudi Arabia during 1979â€“2008. <i>Atmospheric Science Letters</i> , 2012, 13, 244-249.	0.8	11
26	Effect of midâ€“latitude blocking anticyclones on the weather of the Arabian Peninsula. <i>International Journal of Climatology</i> , 2013, 33, 585-598.	1.5	11
27	Recent decadal variability of daily observed temperatures in Hindukush, Karakoram and Himalaya region in northern Pakistan. <i>Climate Dynamics</i> , 2019, 52, 6931-6951.	1.7	11
28	PEV COSMIC NEUTRINOS FROM THE MOUNTAINS. <i>Modern Physics Letters A</i> , 2004, 19, 1117-1124.	0.5	9
29	Seasonal variability of the observed and the projected daily temperatures in northern Saudi Arabia. <i>Climatic Change</i> , 2013, 119, 333-344.	1.7	9
30	Contribution of changing precipitation and climatic oscillations in explaining variability of water extents of large reservoirs in Pakistan. <i>Scientific Reports</i> , 2019, 9, 19022.	1.6	7
31	Water supply and effective rainfall impacts on major crops across irrigated areas of Punjab, Pakistan. <i>Theoretical and Applied Climatology</i> , 2020, 142, 1097-1116.	1.3	7
32	Implications of $\hat{\nu}_\tau$ for high-energy $\hat{\nu}_\tau$ observation. <i>Astroparticle Physics</i> , 2003, 19, 569-574.	1.9	6
33	GeV to TeV astrophysical tau neutrinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 598, 1-7.	1.5	6
34	Stochastic projection of precipitation and wet and dry spells over Pakistan using IPCC AR5 based AOGCMs. <i>Atmospheric Research</i> , 2020, 234, 104742.	1.8	6
35	Projected changes in the climate of Pakistan using IPCC AR5-based climate models. <i>Theoretical and Applied Climatology</i> , 2021, 145, 567-584.	1.3	6
36	Observed, stochastically simulated, and projected precipitation variability in Pakistan. <i>Theoretical and Applied Climatology</i> , 2019, 137, 2239-2256.	1.3	5

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37	Signatures of neutrino conversions to sterile states in collapsing stars. Physical Review D, 1995, 51, 5785-5789.	1.6	4
38	Matter effects on neutrino oscillations in gravitational and magnetic fields. Physical Review D, 2000, 61, .	1.6	4
39	High energy astrophysical tau neutrinos: the expectations. Nuclear Physics, Section B, Proceedings Supplements, 2003, 122, 305-308.	0.5	4
40	ATMOSPHERIC AND GALACTIC TAU NEUTRINOS. Modern Physics Letters A, 2004, 19, 1171-1178.	0.5	3
41	Weather forecast skill comparisons at a location in the Midwest United States. Meteorological Applications, 2014, 21, 930-939.	0.9	3
42	Climate-related inter-annual variability and long-term influence on wheat yield across canal-irrigated areas of Punjab, Pakistan. Theoretical and Applied Climatology, 2021, 143, 1195-1211.	1.3	3
43	Effects of a primordial magnetic field twist on neutrino conversions in the early Universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 366, 229-234.	1.5	2