Shantikumar Singh Ningombam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2915556/publications.pdf

Version: 2024-02-01

24	322	840776 11	888059 17
papers	citations	h-index	g-index

24	24	24	419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of water vapor retrieval from Moderate Resolution Imaging Spectro-radiometer (MODIS) in near infrared channels using GPS data over IAO-Hanle, in the trans-Himalayan region. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 137, 76-85.	1.6	39
2	Aerosol optical properties retrieved using Skyradiometer at Hanle in western Himalayas. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 115-124.	1.6	28
3	Long-term (1995â€“2018) aerosol optical depth derived using ground based AERONET and SKYNET measurements from aerosol aged-background sites. Atmospheric Pollution Research, 2019, 10, 608-620.	3.8	27
4	Exploring pre-main-sequence variables of the ONC: the new variables. Monthly Notices of the Royal Astronomical Society, 2009, 400, 603-621.	4.4	26
5	Characterization of aerosol optical properties over the high-altitude station Hanle, in the trans-Himalayan region. Atmospheric Research, 2014, 138, 308-323.	4.1	25
6	Optical and physical properties of aerosols during active fire events occurring in the Indo-Gangetic Plains: Implications for aerosol radiative forcing. Atmospheric Environment, 2020, 223, 117225.	4.1	19
7	Aerosol radiative forcing over a high-altitude station Merak, in the trans-Himalayan region during advection of anthropogenic events from the Indo-Gangetic Plain. Atmospheric Environment, 2014, 98, 253-259.	4.1	17
8	Estimation of aerosol radiative forcing over an aged-background aerosol feature during advection and non-advection events using a ground-based data obtained from a Prede Skyradiometer observation. Atmospheric Research, 2015, 164-165, 76-83.	4.1	17
9	Impact of Aerosol and Cloud on the Solar Energy Potential over the Central Gangetic Himalayan Region. Remote Sensing, 2021, 13, 3248.	4.0	15
10	Variability of sunspot cycle QBO and total ozone over high altitude western Himalayan regions. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 2305-2313.	1.6	13
11	Long-term (2008â€“2018) aerosol properties and radiative effect at high-altitude sites over western trans-Himalayas. Science of the Total Environment, 2020, 734, 139354.	8.0	13
12	Calibration of a Sky radiometer (Prede) using observations obtained from Hanle and Merak high-altitude stations in Ladakh. Atmospheric Research, 2014, 143, 118-128.	4.1	11
13	Parameterization of water vapor using high-resolution GPS data and empirical models. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 168, 58-69.	1.6	10
14	Temporal asymmetry in aerosol optical characteristics: A case study at a high-altitude station, Hanle, in Ladakh region. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 121, 123-131.	1.6	9
15	Evaluation of fractional clear sky over potential astronomical sites. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3745-3760.	4.4	9
16	Astronomical site survey report on dust measurement, wind profile, optical turbulence, and their correlation with seeing over IAO-Hanle. Experimental Astronomy, 2017, 43, 145-165.	3.7	8
17	Impacts of Aerosol Loading in the Hindu Kush Himalayan Region Based on MERRA-2 Reanalysis Data. Atmosphere, 2021, 12, 1290.	2.3	6
18	Assessment of aerosol optical and micro-physical features retrieved from direct and diffuse solar irradiance measurements from Skyradiometer at a high altitude station at Merak. Environmental Science and Pollution Research, 2015, 22, 16610-16619.	5.3	5

#	Article	IF	Citations
19	The recent signs of total column ozone recovery over mid-latitudes: The effects of the Montreal Protocol mandate. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 178, 32-46.	1.6	5
20	Water vapour characteristics and radiative effects at high-altitude Himalayan sites. Atmospheric Pollution Research, 2022, 13, 101303.	3.8	5
21	A 10-m class national large optical-IR telescope. Journal of Astrophysics and Astronomy, 2022, 43, .	1.0	5
22	Validation of estimated cloud fraction from MERRA-2 and AIRS data using ground based observation over IAO, Hanle. Advances in Space Research, 2020, 66, 826-843.	2.6	4
23	Effect of lower stratospheric temperature on total ozone column (TOC) during the ozone depletion and recovery phases. Atmospheric Research, 2020, 232, 104686.	4.1	3
24	Atmospheric opacity using 220ÂGHz (1.36Âmm) radiometer data and water vapor trends over Indian Astronomical Observatory (IAO), Hanle. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 208, 105404.	1.6	3