

Shantikumar Singh Ningombam

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

322
citations

840776

11
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Water vapour characteristics and radiative effects at high-altitude Himalayan sites. Atmospheric Pollution Research, 2022, 13, 101303.	3.8	5
2	A 10-m class national large optical-IR telescope. Journal of Astrophysics and Astronomy, 2022, 43, .	1.0	5
3	Impact of Aerosol and Cloud on the Solar Energy Potential over the Central Gangetic Himalayan Region. Remote Sensing, 2021, 13, 3248.	4.0	15
4	Evaluation of fractional clear sky over potential astronomical sites. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3745-3760.	4.4	9
5	Impacts of Aerosol Loading in the Hindu Kush Himalayan Region Based on MERRA-2 Reanalysis Data. Atmosphere, 2021, 12, 1290.	2.3	6
6	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
7	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
8	Atmospheric opacity using 220 GHz (1.36 mm) 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
9	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
10	Long-term (2008–2018) aerosol properties and radiative effect at high-altitude sites over western trans-Himalayas. Science of the Total Environment, 2020, 734, 139354.	8.0	13
11	Long-term (1995–2018) 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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Characterization of aerosol optical properties over the high-altitude station Hanle, in the trans-Himalayan region. <i>Atmospheric Research</i> , 2014, 138, 308-323.	4.1	25
20	Temporal asymmetry in aerosol optical characteristics: A case study at a high-altitude station, Hanle, in Ladakh region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 121, 123-131.	1.6	9
21	Calibration of a Sky radiometer (Prede) using observations obtained from Hanle and Merak high-altitude stations in Ladakh. <i>Atmospheric Research</i> , 2014, 143, 118-128.	4.1	11
22	Variability of sunspot cycle QBO and total ozone over high altitude western Himalayan regions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 2305-2313.	1.6	13
23	Aerosol optical properties retrieved using Skyradiometer at Hanle in western Himalayas. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 115-124.	1.6	28
24	Exploring pre-main-sequence variables of the ONC: the new variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 603-621.	4.4	26