

# Piyushkumar N Patel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8224690/publications.pdf>

Version: 2024-02-01

14  
papers

152  
citations

1307594

7  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical and radiative properties of aerosols over Desalpar, a remote site in western India: Source identification, modification processes and aerosol type discrimination. <i>Science of the Total Environment</i> , 2017, 575, 612-627.	8.0	51
2	Estimation of Aerosol Characteristics and Radiative Forcing during Dust Events over Dehradun. <i>Aerosol and Air Quality Research</i> , 2015, 15, 2082-2093.	2.1	22
3	Aerosol characterization and radiative properties over Kavaratti, a remote island in southern Arabian Sea from the period of observations. <i>Science of the Total Environment</i> , 2017, 599-600, 165-180.	8.0	20
4	Cloud condensation nuclei characteristics at the Southern Great Plains site: role of particle size distribution and aerosol hygroscopicity. <i>Environmental Research Communications</i> , 2021, 3, 075002.	2.3	12
5	Dust Induced Changes in Ice Cloud and Cloud Radiative Forcing over a High Altitude Site. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1820-1831.	2.1	11
6	Strengthened Indian Summer Monsoon Precipitation Susceptibility Linked to Dust-Induced Ice Cloud Modification. <i>Geophysical Research Letters</i> , 2019, 46, 8431-8441.	4.0	10
7	Reflectance-based vicarious calibration of INSAT-3D using high-reflectance ground target. <i>Remote Sensing Applications: Society and Environment</i> , 2016, 3, 20-35.	1.5	8
8	Can Forest Fires Be an Important Factor in the Reduction in Solar Power Production in India?. <i>Remote Sensing</i> , 2022, 14, 549.	4.0	7
9	A new statistical approach to improve the satellite-based estimation of the radiative forcing by aerosol-cloud interactions. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3687-3698.	4.9	4
10	An Empirical Comparison of Calibration and Validation Methodologies for Airborne Imaging Spectroscopy. <i>Current Science</i> , 2019, 116, 1101.	0.8	3
11	Day-1 INSAT-3DR Vicarious Calibration Using Reflectance-Based Approach Over Great Rann of Kutch. <i>Journal of the Indian Society of Remote Sensing</i> , 2018, 46, 885-894.	2.4	2
12	Absolute Vicarious Calibration of recently launched Indian Meteorological Satellite: INSAT-3D imager. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-8, 291-298.	0.2	2
13	Aerosol measurements and validation of satellite-derived aerosol optical depth over the Kavaratti Cal-Val site. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
14	Long-Term Changes in Aerosol Loading and Observed Impacts on Radiative Budget over the Middle-East. <i>Environmental Sciences Proceedings</i> , 2021, 8, 8.	0.3	0