

# Chinmaya Nayak

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

248  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the modeling of bottomside thickness parameters over midlatitudes and high latitudes. <i>Advances in Space Research</i> , 2020, 65, 909-932.	2.6	3
2	Ionospheric Es layer scintillation characteristics studied with Hilbert-Huang transform. <i>Advances in Space Research</i> , 2019, 64, 2137-2144.	2.6	12
3	Variation of Small-scale Gravity Wave Activity in the Ionosphere During the Major Sudden Stratospheric Warming Event of 2009. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 470-488.	2.4	16
4	Comment on "Modeling Extreme Carrington-Type Space Weather Events Using Three-Dimensional Global MHD Simulations" by C. M. Ngwira, A. Pulkkinen, M. M. Kuznetsova, and A. Glocher. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1388-1392.	2.4	15
5	GPS-TEC Observation of Gravity Waves Generated in the Ionosphere During 21 August 2017 Total Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 725-738.	2.4	40
6	Suppression of ionospheric scintillation during St. Patrick's Day geomagnetic super storm as observed over the anomaly crest region station Pingtung, Taiwan: A case study. <i>Advances in Space Research</i> , 2017, 60, 396-405.	2.6	35
7	Variations of ionospheric slab thickness over the magnetic equator of Southeast Asia. , 2016, , .		0
8	Peculiar features of the low-latitude and midlatitude ionospheric response to the St. Patrick's Day geomagnetic storm of 17 March 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7941-7960.	2.4	73
9	Occurrence of blanketing E <sub>sc</sub> layer (E <sub>sc</sub> ) over the equatorial region during the peculiar minimum of solar cycle 24. <i>Annales Geophysicae</i> , 2014, 32, 553-562.	1.6	9
10	Peculiar features of ionospheric F <sub>3</sub> layer during prolonged solar minimum (2007-2009). <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8685-8697.	2.4	12
11	The equatorial ionospheric response over Tirunelveli to the 15 January 2010 annular solar eclipse: observations. <i>Annales Geophysicae</i> , 2012, 30, 1371-1377.	1.6	15
12	Power spectral characteristics of ESF irregularities during magnetically quiet and disturbed days. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 81-82, 41-49.	1.6	18