ajeet kumar Maurya

List of Publications by Year
in descending order

36 papers	434 citations	759233 12 h-index	752698 20 g-index
36 all docs	36 docs citations	36 times ranked	381 citing authors

#	Article	IF	Citations
1	Response of the lowâ€latitude D region ionosphere to extreme space weather event of 14â€“16 December 2006. Journal of Geophysical Research: Space Physics, 2015, 120, 788-799.	2.4	38
2	D-region ionosphere response to the total solar eclipse of 22 July 2009 deduced from ELF-VLF tweek observations in the Indian sector. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	37
3	Nighttime D region electron density measurements from ELFâ€VLF tweek radio atmospherics recorded at low latitudes. Journal of Geophysical Research, 2012, 117, .	3.3	37
4	Solar flares induced D-region ionospheric and geomagnetic perturbations. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 123, 102-112.	1.6	35
5	Lowâ€mid latitude D region ionospheric perturbations associated with 22 July 2009 total solar eclipse: Waveâ€like signatures inferred from VLF observations. Journal of Geophysical Research: Space Physics, 2014, 119, 8512-8523.	2.4	32
6	Effects of St. Patrick's Day Geomagnetic Storm of March 2015 and of June 2015 on Lowâ€Equatorial D Region Ionosphere. Journal of Geophysical Research: Space Physics, 2018, 123, 6836-6850.	2.4	28
7	The 25 April 2015 Nepal Earthquake: Investigation of precursor in VLF subionospheric signal. Journal of Geophysical Research: Space Physics, 2016, 121, 10,403.	2.4	27
8	Anomalous variations of VLF sub-ionospheric signal and Mesospheric Ozone prior to 2015 Gorkha Nepal Earthquake. Scientific Reports, 2018, 8, 9381.	3.3	21
9	Changes in the D region associated with three recent solar eclipses in the South Pacific region. Journal of Geophysical Research: Space Physics, 2016, 121, 5930-5943.	2.4	19
10	Response of the mid-latitude D-region ionosphere to the total solar eclipse of 22 July 2009 studied using VLF signals in South Korean peninsula. Advances in Space Research, 2014, 54, 961-968.	2.6	17
11	22 July 2009 total solar eclipse induced gravity waves in ionosphere as inferred from GPS observations over EIA. Advances in Space Research, 2016, 58, 1755-1762.	2.6	17
12	Sub-ionospheric very low frequency perturbations associated with the 12 May 2008 <i>M</i> = 7.9 Wenchuan earthquake. Natural Hazards and Earth System Sciences, 2013, 13, 2331-2336.	3.6	16
13	Morphological features of tweeks and nighttime D region ionosphere at tweek reflection height from the observations in the lowâ€latitude Indian sector. Journal of Geophysical Research, 2012, 117, .	3.3	12
14	Ionospheric monitoring with the Chilean GPS eyeball during the South American total solar eclipse on 2nd July 2019. Scientific Reports, 2020, 10, 19380.	3.3	11
15	Very low latitude (L = 1.08) whistlers. Geophysical Research Letters, 2012, 39, .	4.0	10
16	The 22 July 2009 Total Solar Eclipse: Modeling D Region Ionosphere Using Narrowband VLF Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 616-627.	2.4	10
17	Application of lightning discharge generated radio atmospherics/tweeks in lower ionospheric plasma diagnostics. Journal of Physics: Conference Series, 2010, 208, 012061.	0.4	9
18	Coronal mass ejectionâ€“driven shocks and the associated sudden commencements/sudden impulses. Journal of Geophysical Research, 2012, 117, .	3.3	9

#	Article	IF	Citations
19	Very low latitude (L â€‰=â€‰1.08) whistlers and correlation with lightning activity. Journal of Geophysical Research: Space Physics, 2015, 120, 6694-6706.	2.4	8
20	One-to-one relationship between low latitude whistlers and conjugate source lightning discharges and their propagation characteristics. Advances in Space Research, 2013, 52, 1966-1973.	2.6	7
21	Tsunami detection by GPS-derived ionospheric total electron content. Scientific Reports, 2021, 11, 12978.	3.3	7
22	Assessment of Unusual Gigantic Jets observed during the Monsoon season: First observations from Indian Subcontinent. Scientific Reports, 2017, 7, 16436.	3.3	5
23	Observation of Very Short Period Atmospheric Gravity Waves in the Lower Ionosphere Using Very Low Frequency Waves. Journal of Geophysical Research: Space Physics, 2019, 124, 9448-9461.	2.4	5
24	Brief Communication: Climatic, meteorological and topographical causes of the 16â€“17 June 2013 Kedarnath (India) natural disaster event. Natural Hazards and Earth System Sciences, 2015, 15, 1597-1601.	3.6	4
25	Ionospheric Perturbations Induced by a Very Severe Cyclonic Storm (VSCS): A Case Study of Phailin VSCS. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027197.	2.4	4
26	IonosphericÂperturbationÂduringÂthe South American total solar eclipse on 14th December 2020 revealed with the Chilean GPS eyeball. Scientific Reports, 2021, 11, 20324.	3.3	4
27	Characteristics of tweeks radio atmospherics observed in Indian low latitude region using AWESOME VLF receiver. , 2011, , .		2
28	Waves-like signatures in the D-region ionosphere generated by solar flares. , 2014, , .		2
29	Rare observations of sprites and gravity waves supporting D, E, F-regions ionospheric coupling. Scientific Reports, 2022, 12, 581.	3.3	1
30	Estimation of D-region Electron Density using Tweeks Measurements at Nainital and Allahabad. , 2010, , .		0
31	VLF perturbations associated earthquake precursors using subionospheric VLF signals. , 2014, , .		0
32	22 July 2009 total solar eclipse induced wave-like-signatures (WLS) in the lower ionosphere: Inferred using VLF observations. , 2015, , .		0
33	The low period atmospheric gravity waves observed using Very Low Frequency signals. , 2019, , .		0
34	Study of July 2, 2019 South American Total Solar Eclipse effect on the ionosphere using GPS signal. , 2020, , .		0
35	Effect of total Lunar Eclipse of 27th July 2018 on the D-region Ionosphere by using VLF observations. Advances in Space Research, 2021, 69, 121-121.	2.6	0
36	Electrical Signature of the October 2013 Very Severe Cyclonic Storm Phailin. Current Science, 2020, 118, 421.	0.8	0