

ajeet kumar Maurya

List of Publications by Year in descending order

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36
papers

434
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759233

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36
times ranked

381
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Rare observations of sprites and gravity waves supporting D, E, F-regions ionospheric coupling. Scientific Reports, 2022, 12, 581. | 3.3 | 1 |
| 2 | Tsunami detection by GPS-derived ionospheric total electron content. Scientific Reports, 2021, 11, 12978. | 3.3 | 7 |
| 3 | 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 |
| 4 | Ionospheric perturbation during the South American total solar eclipse on 14th December 2020 revealed with the Chilean GPS eyeball. Scientific Reports, 2021, 11, 20324. | 3.3 | 4 |
| 5 | 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 |
| 6 | 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 |
| 7 | Study of July 2, 2019 South American Total Solar Eclipse effect on the ionosphere using GPS signal. , 2020, , . | | 0 |
| 8 | Electrical Signature of the October 2013 Very Severe Cyclonic Storm <i>Phailin</i>. Current Science, 2020, 118, 421. | 0.8 | 0 |
| 9 | 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 |
| 10 | The low period atmospheric gravity waves observed using Very Low Frequency signals. , 2019, , . | | 0 |
| 11 | The 22 July 2009 Total Solar Eclipse: Modeling <i>D</i> Region Ionosphere Using Narrowband VLF Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 616-627. | 2.4 | 10 |
| 12 | Anomalous variations of VLF sub-ionospheric signal and Mesospheric Ozone prior to 2015 Gorkha Nepal Earthquake. Scientific Reports, 2018, 8, 9381. | 3.3 | 21 |
| 13 | Effects of St. Patrick's Day Geomagnetic Storm of March 2015 and of June 2015 on Low^EEquatorial <i>D</i> Region Ionosphere. Journal of Geophysical Research: Space Physics, 2018, 123, 6836-6850. | 2.4 | 28 |
| 14 | Assessment of Unusual Gigantic Jets observed during the Monsoon season: First observations from Indian Subcontinent. Scientific Reports, 2017, 7, 16436. | 3.3 | 5 |
| 15 | 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 |
| 16 | 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 |
| 17 | Changes in the <i>D</i> 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 |
| 18 | 22 July 2009 total solar eclipse induced wave-like-signatures (WLS) in the lower ionosphere: Inferred using VLF observations. , 2015, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Very low latitude ($L = 1.08$) whistlers and correlation with lightning activity. Journal of Geophysical Research: Space Physics, 2015, 120, 6694-6706. | 2.4 | 8 |
| 20 | Brief Communication: Climatic, meteorological and topographical causes of the 16 th –17 June 2013 Kedarnath (India) natural disaster event. Natural Hazards and Earth System Sciences, 2015, 15, 1597-1601. | 3.6 | 4 |
| 21 | Solar flares induced D-region ionospheric and geomagnetic perturbations. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 123, 102-112. | 1.6 | 35 |
| 22 | Response of the low latitude D region ionosphere to extreme space weather event of 14 th –16 December 2006. Journal of Geophysical Research: Space Physics, 2015, 120, 788-799. | 2.4 | 38 |
| 23 | Low mid latitude D region ionospheric perturbations associated with 22 July 2009 total solar eclipse: Wave-like signatures inferred from VLF observations. Journal of Geophysical Research: Space Physics, 2014, 119, 8512-8523. | 2.4 | 32 |
| 24 | VLF perturbations associated earthquake precursors using subionospheric VLF signals. , 2014, , . | | 0 |
| 25 | Waves-like signatures in the D-region ionosphere generated by solar flares. , 2014, , . | | 2 |
| 26 | 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 |
| 27 | 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 |
| 28 | Sub-ionospheric very low frequency perturbations associated with the 12 May 2008 $M = 7.9$ Wenchuan earthquake. Natural Hazards and Earth System Sciences, 2013, 13, 2331-2336. | 3.6 | 16 |
| 29 | Very low latitude ($L = 1.08$) whistlers. Geophysical Research Letters, 2012, 39, . | 4.0 | 10 |
| 30 | Nighttime D region electron density measurements from ELF-VLF tweek radio atmospherics recorded at low latitudes. Journal of Geophysical Research, 2012, 117, . | 3.3 | 37 |
| 31 | Coronal mass ejection-driven shocks and the associated sudden commencements/sudden impulses. Journal of Geophysical Research, 2012, 117, . | 3.3 | 9 |
| 32 | Morphological features of tweeks and nighttime D region ionosphere at tweek reflection height from the observations in the low latitude Indian sector. Journal of Geophysical Research, 2012, 117, . | 3.3 | 12 |
| 33 | 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 |
| 34 | Characteristics of tweeks radio atmospherics observed in Indian low latitude region using AWESOME VLF receiver. , 2011, , . | | 2 |
| 35 | Estimation of D-region Electron Density using Tweeks Measurements at Nainital and Allahabad. , 2010, , . | | 0 |
| 36 | Application of lightning discharge generated radio atmospherics/tweeks in lower ionospheric plasma diagnostics. Journal of Physics: Conference Series, 2010, 208, 012061. | 0.4 | 9 |