

Ashok Singh

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

578
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

649
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The atmospheric global electric circuit: An overview. Atmospheric Research, 2007, 84, 91-110. | 4.1 | 97 |
| 2 | Space Weather: Physics, Effects and Predictability. Surveys in Geophysics, 2010, 31, 581-638. | 4.6 | 61 |
| 3 | Lightning, convective rain and solar activity " Over the South/Southeast Asia. Atmospheric Research, 2013, 120-121, 99-111. | 4.1 | 53 |
| 4 | On the association of lightning activity and projected change in climate over the Indian sub-continent. Atmospheric Research, 2017, 183, 173-190. | 4.1 | 50 |
| 5 | Impact of galactic cosmic rays on Earth's atmosphere and human health. Atmospheric Environment, 2011, 45, 3806-3818. | 4.1 | 43 |
| 6 | Review of electromagnetic coupling between the Earth's atmosphere and the space environment. Journal of Atmospheric and Solar-Terrestrial Physics, 2005, 67, 637-658. | 1.6 | 42 |
| 7 | State studies of Earth's plasmasphere: A review. Planetary and Space Science, 2011, 59, 810-834. | 1.7 | 41 |
| 8 | An early prediction of 25th solar cycle using Hurst exponent. Astrophysics and Space Science, 2017, 362, 1. | 1.4 | 36 |
| 9 | Refractive Indices, Order Parameter and Optical Transmittance Studies of a Nematic Liquid Crystal Mixture. Acta Physica Polonica A, 2006, 110, 485-493. | 0.5 | 26 |
| 10 | Spatio-temporal variability of lightning and convective activity over South/South-East Asia with an emphasis during El Niño and La Niña. Atmospheric Research, 2017, 197, 150-166. | 4.1 | 23 |
| 11 | Solar irradiance, climatic indicators and climate change " An empirical analysis. Advances in Space Research, 2019, 64, 271-277. | 2.6 | 18 |
| 12 | Solar activity during first six years of solar cycle 24 and 23: a comparative study. Astrophysics and Space Science, 2014, 353, 367-371. | 1.4 | 14 |
| 13 | ULF wave index as magnetospheric and space-weather parameters. Advances in Space Research, 2013, 52, 1427-1436. | 2.6 | 12 |
| 14 | Delineation of possible influence of solar variability and galactic cosmic rays on terrestrial climate parameters. Advances in Space Research, 2020, 65, 1831-1842. | 2.6 | 11 |
| 15 | Prospective of coronal mass ejections, solar flares and geomagnetic storms. Indian Journal of Physics, 2014, 88, 1127-1133. | 1.8 | 10 |
| 16 | Physics of Space Weather Phenomena: A Review. Geosciences (Switzerland), 2021, 11, 286. | 2.2 | 10 |
| 17 | Remote sensing of D-region ionosphere using multimode tweeks. Indian Journal of Physics, 2016, 90, 1-7. | 1.8 | 9 |
| 18 | Atmospheric burden of ozone depleting substances (ODSs) and forecasting ozone layer recovery. Atmospheric Pollution Research, 2019, 10, 802-807. | 3.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Elucidation of some solar parameters observed during solar cycles 21â€“24. <i>Advances in Space Research</i> , 2021, 68, 2643-2660. | 2.6 | 6 |
| 20 | Repercussions of solar high energy protons on ozone layer during super storms. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 002. | 1.7 | 5 |
| 21 | Day time observations of precursors at low latitude. <i>Earth, Moon and Planets</i> , 1996, 73, 267-275. | 0.6 | 1 |
| 22 | Higher-speed coronal mass ejections and their geoeffectiveness. <i>Journal of Astrophysics and Astronomy</i> , 2018, 39, 1. | 1.0 | 1 |
| 23 | VLF Emissions observed at the low latitude Indian station Varanasi. <i>Advances in Space Research</i> , 2008, 41, 1699-1703. | 2.6 | 0 |