Asti Bhatt

List of Publications by Year
in descending order

12 papers	221 citations	1307594 7 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	316 citing authors

#	Article	IF	Citations
1	Ground and Space-Based Measurement of Rocket Engine Burns in the Ionosphere. IEEE Transactions on Plasma Science, 2012, 40, 1267-1286.	1.3	58
2	Identification of Auroral Zone Activity Driving Largeâ€Scale Traveling Ionospheric Disturbances. Journal of Geophysical Research: Space Physics, 2019, 124, 700-714.	2.4	42
3	Ushering in a New Frontier in Geospace Through Data Science. Journal of Geophysical Research: Space Physics, 2017, 122, 12,586.	2.4	28
4	Decameter structure in heaterâ€induced airglow at the High frequency Active Auroral Research Program facility. Journal of Geophysical Research, 2010, 115, .	3.3	22
5	Optical Emissions Observed During the Charged Aerosol Release Experiment (CARE I) in the Ionosphere. IEEE Transactions on Plasma Science, 2011, 39, 2774-2775.	1.3	20
6	Incoherent Scatter Plasma Lines: Observations and Applications. Space Science Reviews, 2017, 212, 249-294.	8.1	19
7	High temporal resolution observations of auroral electron density using superthermal electron enhancement of Langmuir waves. Geophysical Research Letters, 2016, 43, 5979-5987.	4.0	13
8	Observations of Plasma Line Splitting in the Ionospheric Incoherent Scatter Spectrum. Physical Review Letters, 2008, 100, 045005.	7.8	7
9	First Simultaneous Observation of STEVE and SAR Arc Combining Data From Citizen Scientists, 630.0Ânm Allâ€sky Images, and Satellites. Geophysical Research Letters, 2021, 48, e2020GL092169.	4.0	5
10	Reproducible Software Environment: a tool enabling computational reproducibility in geospace sciences and facilitating collaboration. Journal of Space Weather and Space Climate, 2020, 10, 12.	3.3	3
11	Ionospheric science in the age of big data. , 2020, , 257-276.		2
12	Global Geomagnetic Perturbation Forecasting Using Deep Learning. Space Weather, 2022, 20, .	3.7	2