

# Asti Bhatt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6645432/publications.pdf>

Version: 2024-02-01

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	Global Geomagnetic Perturbation Forecasting Using Deep Learning. Space Weather, 2022, 20, .	3.7	2
2	First Simultaneous Observation of STEVE and SAR Arc Combining Data From Citizen Scientists, 630.0Ånm All- Sky Images, and Satellites. Geophysical Research Letters, 2021, 48, e2020GL092169.	4.0	5
3	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
4	Ionospheric science in the age of big data. , 2020, , 257-276.		2
5	Identification of Auroral Zone Activity Driving Large-Scale Traveling Ionospheric Disturbances. Journal of Geophysical Research: Space Physics, 2019, 124, 700-714.	2.4	42
6	Incoherent Scatter Plasma Lines: Observations and Applications. Space Science Reviews, 2017, 212, 249-294.	8.1	19
7	Ushering in a New Frontier in Geospace Through Data Science. Journal of Geophysical Research: Space Physics, 2017, 122, 12,586.	2.4	28
8	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
9	Ground and Space-Based Measurement of Rocket Engine Burns in the Ionosphere. IEEE Transactions on Plasma Science, 2012, 40, 1267-1286.	1.3	58
10	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
11	Decameter structure in heater-induced airglow at the High frequency Active Auroral Research Program facility. Journal of Geophysical Research, 2010, 115, .	3.3	22
12	Observations of Plasma Line Splitting in the Ionospheric Incoherent Scatter Spectrum. Physical Review Letters, 2008, 100, 045005.	7.8	7