

Frank Djuth

List of Publications by Year in descending order

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28
papers

895
citations

393982

19
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	A continuum of gravity waves in the Arecibo thermosphere?. Geophysical Research Letters, 2004, 31, .	1.5	79
2	Large Fâ€region electronâ€temperature enhancements generated by highâ€power HF radio waves. Geophysical Research Letters, 1987, 14, 953-956.	1.5	60
3	High resolution observations of HFâ€induced plasma waves in the ionosphere. Geophysical Research Letters, 1990, 17, 1893-1896.	1.5	58
4	Ionospheric Modification at Twice the Electron Cyclotron Frequency. Physical Review Letters, 2005, 94, 125001.	2.9	55
5	Temporal evolution of the HFâ€enhanced plasma line in the Arecibo <i>F</i> region. Journal of Geophysical Research, 1986, 91, 12089-12107.	3.3	54
6	The temporal evolution of 3â€m striations in the modified ionosphere. Journal of Geophysical Research, 1985, 90, 2807-2818.	3.3	52
7	Height dependence of the observed spectrum of radar backscatter from HFâ€induced ionospheric Langmuir turbulence. Journal of Geophysical Research, 1991, 96, 15985-16008.	3.3	50
8	High-resolution studies of atmosphere-ionosphere coupling at Arecibo Observatory, Puerto Rico. Radio Science, 1997, 32, 2321-2344.	0.8	47
9	Arecibo's thermospheric gravity waves and the case for an ocean source. Journal of Geophysical Research, 2010, 115, .	3.3	40
10	Continuous quasiperiodic thermospheric waves over Arecibo. Journal of Geophysical Research, 2007, 112, .	3.3	38
11	Large airglow enhancements produced via wave-plasma interactions in sporadic E. Geophysical Research Letters, 1999, 26, 1557-1560.	1.5	36
12	First 100 ms of HF modification at TromsÃ, Norway. Journal of Geophysical Research, 2004, 109, .	3.3	33
13	Application of the coded long-pulse technique to plasma line studies of the ionosphere. Geophysical Research Letters, 1994, 21, 2725-2728.	1.5	30
14	Thermal response of the fâ€region ionosphere for conditions of large HFâ€induced electronâ€temperature enhancements. Geophysical Research Letters, 1988, 15, 311-314.	1.5	29
15	Bragg backscatter from plasma inhomogeneities due to a powerful ionospherically reflected radio wave. Journal of Geophysical Research, 1984, 89, 9145-9147.	3.3	28
16	Multiple frequency radar observations of highâ€latitude <i>E</i> region Irregularities in the HF modified ionosphere. Journal of Geophysical Research, 1987, 92, 13613-13627.	3.3	27
17	Simultaneous measurements of HFâ€enhanced plasma waves and artificial fieldâ€aligned irregularities at Arecibo. Journal of Geophysical Research, 1990, 95, 15195-15207.	3.3	27
18	Temporal Development of HF-Excited Langmuir and Ion Turbulence at Arecibo. Earth, Moon and Planets, 2015, 116, 19-53.	0.3	21

#	ARTICLE	IF	CITATIONS
19	Response of the Arecibo ionosphere to large HF-induced electron temperature enhancements. <i>Advances in Space Research</i> , 1989, 9, 123-131.	1.2	20
20	Evolution of Langmuir turbulence and stimulated electromagnetic emissions excited with a 3-MHz pump wave at Arecibo. <i>Journal of Geophysical Research</i> , 1995, 100, 23887.	3.3	19
21	Creating space plasma from the ground. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 978-999.	0.8	18
22	HF-enhanced plasma lines in the lower ionosphere. <i>Radio Science</i> , 1984, 19, 383-394.	0.8	17
23	A new interpretation of plasma-line overshoot phenomena. <i>Geophysical Research Letters</i> , 1987, 14, 961-964.	1.5	16
24	Suprathermal electrons generated by the interaction of powerful radio wave with the ionosphere. <i>Geophysical Research Letters</i> , 2000, 27, 2461-2464.	1.5	14
25	Omnipresent vertically coherent fluctuations in the ionosphere with a possible worldwide-midlatitude extent. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	9
26	Observations of HF-enhanced ion waves in the ionosphere. <i>Geophysical Research Letters</i> , 1987, 14, 194-197.	1.5	8
27	Low-latitude 10-eV electrons: Nighttime plasma line as a new research capability. <i>Geophysical Research Letters</i> , 2015, 42, 7255-7263.	1.5	6
28	Incoherent Scatter Radar Studies of Daytime Plasma Lines. <i>Earth, Moon and Planets</i> , 2018, 121, 13-43.	0.3	4