List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1135463/publications.pdf Version: 2024-02-01



LOSEDH D HURA

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Highâ€Latitude Electrodynamics Specified in SAMI3 Using AMPERE Fieldâ€Aligned Currents. Space Weather, 2022, 20, . | 3.7 | 4 |
| 2 | Topside Plasma Flows in the Equatorial Ionosphere and Their Relationships to Fâ€Region Winds Near 250Âkm. Journal of Geophysical Research: Space Physics, 2022, 127, . | 2.4 | 9 |
| 3 | Generalized Rayleighâ€Taylor Instability: Ion Inertia, Acceleration Forces, and <i>E</i> Region Drivers. Journal of Geophysical Research: Space Physics, 2022, 127, . | 2.4 | 11 |
| 4 | Observations and Modeling Studies of Solar Eclipse Effects on Oblique High Frequency Radio Propagation. Space Weather, 2021, 19, e2020SW002560. | 3.7 | 1 |
| 5 | Strong Amplification of ELF/VLF Signals in Space Using Neutral Gas Injections From a Satellite Rocket Engine. Radio Science, 2021, 56, e2020RS007207. | 1.6 | 6 |
| 6 | Large‣cale O ⁺ Depletions Observed by ICON in the Postâ€Midnight Topside Ionosphere: Data/Model Comparison. Geophysical Research Letters, 2021, 48, e2020GL092061. | 4.0 | 16 |
| 7 | The Effect of the Thermosphere on Ionosphere Outflows. Frontiers in Astronomy and Space Sciences, 2021, 8, . | 2.8 | 0 |
| 8 | The Effect of Midnight Temperature Maximum Winds on Postâ€Midnight Equatorial Spread F. Space Weather, 2021, 19, e2021SW002728. | 3.7 | 4 |
| 9 | Counterstreaming Cold H+, He+, O+, and N+ Outflows in the Plasmasphere. Frontiers in Astronomy and Space Sciences, 2021, 8, . | 2.8 | 3 |
| 10 | Isolated Peak of Oxygen Ion Fraction in the Postâ€Noon Equatorial Fâ€Region: ICON and SAMI3/WACCMâ€X. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029217. | 2.4 | 5 |
| 11 | Estimation of Ion Temperature in the Upper Ionosphere Along the Swarm Satellite Orbits. Earth and Space Science, 2021, 8, e2021EA001925. | 2.6 | 9 |
| 12 | Change in Total Electron Content During the 26 December 2019 Solar Eclipse: Constraints From GNSS Observations and Comparison With SAMI3 Model Results. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028230. | 2.4 | 11 |
| 13 | Observation and Simulation of the Development of Equatorial Plasma Bubbles: Postâ€Sunset Rise or Upwelling Growth?. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028544. | 2.4 | 13 |
| 14 | Does Ring Current Heating Generate the Observed O ⁺ Shell?. Geophysical Research Letters, 2020, 47, e2020GL088419. | 4.0 | 3 |
| 15 | Global Modeling of Equatorial Spread <i>F</i> with SAMI3/WACCMâ€X. Geophysical Research Letters, 2020, 47, e2020GL088258. | 4.0 | 40 |
| 16 | Modeling the Impact of Metallic Ion Layers on Equatorial Spread With SAMI3/ESF. Geophysical Research Letters, 2020, 47, no. | 4.0 | 8 |
| 17 | SAMI3 Simulations of Ionospheric Metallic Layers at Arecibo. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027297. | 2.4 | 11 |
| 18 | Early Time Evolution of Turbulence in the Space Environment by Neutral Beam Injection. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027587. | 2.4 | 8 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Global Ionospheric Metal Ion Transport With SAMI3. Geophysical Research Letters, 2019, 46, 7937-7944. | 4.0 | 27 |
| 20 | On the Annual Asymmetry of High‣atitude Sporadic F. Space Weather, 2019, 17, 1618-1626. | 3.7 | 6 |
| 21 | The Effect of Oxygen on the Limiting H + Flux in the Topside Ionosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 4509-4517. | 2.4 | 5 |
| 22 | The Statistical Characteristics of Smallâ€Scale Ionospheric Irregularities Observed in the Martian Ionosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 5874-5893. | 2.4 | 8 |
| 23 | Simulation of Counterstreaming H + Outflows During Plasmasphere Refilling. Geophysical Research Letters, 2019, 46, 3052-3060. | 4.0 | 6 |
| 24 | Understanding and Harnessing the Dual Electrostatic/Electromagnetic Character of Plasma Turbulence in the Nearâ€Earth Space Environment. Journal of Geophysical Research: Space Physics, 2019, 124, 10365-10375. | 2.4 | 11 |
| 25 | SAMI3 Simulations of a Persistent Plasmasphere Plume. Geophysical Research Letters, 2018, 45, 3374-3381. | 4.0 | 9 |
| 26 | The Unknown Hydrogen Exosphere: Space Weather Implications. Space Weather, 2018, 16, 205-215. | 3.7 | 20 |
| 27 | Evolution of Fieldâ€Aligned Electron and Ion Densities From Whistler Mode Radio Soundings During Quiet to Moderately Active Period and Comparisons With SAMI2 Simulations. Journal of Geophysical Research: Space Physics, 2018, 123, 1356-1380. | 2.4 | 2 |
| 28 | The Ionospheric Connection Explorer Mission: Mission Goals and Design. Space Science Reviews, 2018, 214, 1. | 8.1 | 152 |
| 29 | Eclipseâ€Induced Changes to Topside Ion Composition and Fieldâ€Aligned Ion Flows in the August 2017 Solar Eclipse: eâ€POP Observations. Geophysical Research Letters, 2018, 45, 10,829. | 4.0 | 8 |
| 30 | Direct EUV/Xâ€Ray Modulation of the Ionosphere During the August 2017 Total Solar Eclipse. Geophysical Research Letters, 2018, 45, 3820-3828. | 4.0 | 27 |
| 31 | Modeling Amateur Radio Soundings of the Ionospheric Response to the 2017 Great American Eclipse. Geophysical Research Letters, 2018, 45, 4665-4674. | 4.0 | 15 |
| 32 | Numerical Modeling of the Concentric Gravity Wave Seeding of Lowâ€Latitude Nighttime Mediumâ€Scale Traveling Ionospheric Disturbances. Geophysical Research Letters, 2018, 45, 6390-6399. | 4.0 | 8 |
| 33 | Ionospheric Disturbances Triggered by SpaceX Falcon Heavy. Geophysical Research Letters, 2018, 45, 6334-6342. | 4.0 | 16 |
| 34 | SAMI3 prediction of the impact of the 21 August 2017 total solar eclipse on the ionosphere/plasmasphere system. Geophysical Research Letters, 2017, 44, 5928-5935. | 4.0 | 70 |
| 35 | SAMI3â€RCM simulation of the 17 March 2015 geomagnetic storm. Journal of Geophysical Research: Space Physics, 2017, 122, 1246-1257. | 2.4 | 33 |
| 36 | Global Ionospheric and Thermospheric Effects of the June 2015 Geomagnetic Disturbances: Multiâ€Instrumental Observations and Modeling. Journal of Geophysical Research: Space Physics, 2017, 122, 11716-11742. | 2.4 | 60 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | SAMI3_ICON: Model of the Ionosphere/Plasmasphere System. Space Science Reviews, 2017, 212, 731-742. | 8.1 | 27 |
| 38 | Data Assimilation of Groundâ€Based GPS and Radio Occultation Total Electron Content for Global Ionospheric Specification. Journal of Geophysical Research: Space Physics, 2017, 122, 10,876. | 2.4 | 33 |
| 39 | Erosion of the plasmasphere during a storm. Journal of Geophysical Research: Space Physics, 2017, 122, 9320-9328. | 2.4 | 9 |
| 40 | MAVEN Observations of Ionospheric Irregularities at Mars. Geophysical Research Letters, 2017, 44, 10,845. | 4.0 | 16 |
| 41 | Dayâ€ŧoâ€day variability in the thermosphere and its impact on plasmasphere refilling. Journal of Geophysical Research: Space Physics, 2016, 121, 6889-6900. | 2.4 | 9 |
| 42 | The plasmasphere electron content paradox. Journal of Geophysical Research: Space Physics, 2016, 121, 8924-8935. | 2.4 | 9 |
| 43 | Effect of timeâ€dependent 3â€D electron density gradients on high angle of incidence HF radiowave propagation. Radio Science, 2016, 51, 1131-1141. | 1.6 | 10 |
| 44 | Spaceâ€based imaging of nighttime mediumâ€scale traveling ionospheric disturbances using FORMOSATâ€2/ISUAL 630.0 nm airglow observations. Journal of Geophysical Research: Space Physics, 2016, 121, 4769-4781. | 2.4 | 15 |
| 45 | Measurement and modeling of the refilling plasmasphere during 2001. Journal of Geophysical Research: Space Physics, 2016, 121, 2226-2248. | 2.4 | 13 |
| 46 | A coupled ionosphereâ€raytrace model for highâ€power HF heating. Geophysical Research Letters, 2015, 42, 9650-9656. | 4.0 | 5 |
| 47 | Magnetospheric resonances at low and middle latitudes. Journal of Geophysical Research: Space Physics, 2015, 120, 7718-7727. | 2.4 | 1 |
| 48 | Seeding equatorial spreadFwith turbulent gravity waves: Phasing effects. Geophysical Research Letters, 2015, 42, 15-21. | 4.0 | 13 |
| 49 | Modeling the ionospheric impact of tsunamiâ€driven gravity waves with SAMI3: Conjugate effects. Geophysical Research Letters, 2015, 42, 5719-5726. | 4.0 | 38 |
| 50 | Topside equatorial ionospheric density, temperature, and composition under equinox, low solar flux conditions. Journal of Geophysical Research: Space Physics, 2015, 120, 3899-3912. | 2.4 | 16 |
| 51 | Electrostatic reconnection in the ionosphere. Geophysical Research Letters, 2015, 42, 1626-1631. | 4.0 | 27 |
| 52 | Nonmigrating tidal signature in the distributions of equatorial plasma bubbles and prereversal enhancement. Journal of Geophysical Research: Space Physics, 2015, 120, 3254-3262. | 2.4 | 10 |
| 53 | Theoretical study of the ionospheric plasma cave in the equatorial ionization anomaly region. Journal of Geophysical Research: Space Physics, 2014, 119, 10,324. | 2.4 | 5 |
| 54 | Storm time ionosphere and plasmasphere structuring: SAMI3â€RCM simulation of the 31 March 2001 geomagnetic storm. Geophysical Research Letters, 2014, 41, 8208-8214. | 4.0 | 42 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | An improved coupling model for the lithosphereâ€atmosphereâ€ionosphere system. Journal of Geophysical Research: Space Physics, 2014, 119, 3189-3205. | 2.4 | 143 |
| 56 | Heaterâ€induced ionization inferred from spectrometric airglow measurements. Journal of Geophysical Research: Space Physics, 2014, 119, 2038-2045. | 2.4 | 8 |
| 57 | Lowâ€latitude midnight brightness in 630.0 nm limb observations by FORMOSATâ€2/ISUAL. Journal of Geophysical Research: Space Physics, 2014, 119, 4894-4904. | 2.4 | 5 |
| 58 | The effect of the thermosphere on quiet time plasmasphere morphology. Journal of Geophysical Research: Space Physics, 2014, 119, 5032-5048. | 2.4 | 17 |
| 59 | Can HF heating generate ESF bubbles?. Geophysical Research Letters, 2014, 41, 8155-8160. | 4.0 | 2 |
| 60 | Self onsistent generation of MSTIDs within the SAMI3 numerical model. Journal of Geophysical Research: Space Physics, 2014, 119, 6745-6757. | 2.4 | 24 |
| 61 | Geospace variability during the 2008–2009 Whole Heliosphere Intervals. Journal of Geophysical Research: Space Physics, 2014, 119, 3755-3776. | 2.4 | 6 |
| 62 | Radioâ€ŧomographic images of postmidnight equatorial plasma depletions. Geophysical Research Letters, 2014, 41, 13-19. | 4.0 | 12 |
| 63 | New Systems for Space Based Monitoring of Ionospheric Irregularities and Radio Wave Scintillations. Geophysical Monograph Series, 2013, , 431-440. | 0.1 | 7 |
| 64 | SAMI3 simulation of plasmasphere refilling. Geophysical Research Letters, 2013, 40, 2484-2488. | 4.0 | 22 |
| 65 | Impact of meridional winds on equatorial spread <i>F</i> : Revisited. Geophysical Research Letters, 2013, 40, 1268-1272. | 4.0 | 63 |
| 66 | On the seeding of equatorial spread F by gravity waves. Geophysical Research Letters, 2013, 40, 661-664. | 4.0 | 52 |
| 67 | Simulation of the seeding of equatorial spread <i>F</i> by circular gravity waves. Geophysical Research Letters, 2013, 40, 1-5. | 4.0 | 324 |
| 68 | Thermospheric tidal effects on the ionospheric midlatitude summer nighttime anomaly using SAMI3 and TIEGCM. Journal of Geophysical Research: Space Physics, 2013, 118, 3836-3845. | 2.4 | 30 |
| 69 | Modeling ionospheric superâ€fountain effect based on the coupled TIMEGCMâ€&AMI3. Journal of Geophysical Research: Space Physics, 2013, 118, 2527-2535. | 2.4 | 32 |
| 70 | Modeling 3â€D artificial ionospheric ducts. Journal of Geophysical Research: Space Physics, 2013, 118, 7450-7457. | 2.4 | 5 |
| 71 | Exploring the role of ionospheric drivers during the extreme solar minimum of 2008. Annales Geophysicae, 2013, 31, 2147-2156. | 1.6 | 21 |
| 72 | Modeling Arecibo conjugate heating effects with SAMI2. Geophysical Research Letters, 2012, 39, . | 4.0 | 10 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Estimating the electron energy distribution during ionospheric modification from spectrographic airglow measurements. Journal of Geophysical Research, 2012, 117, . | 3.3 | 8 |
| 74 | Propagation of whistler mode waves through the ionosphere. Journal of Geophysical Research, 2012, 117, . | 3.3 | 7 |
| 75 | Ground and Space-Based Measurement of Rocket Engine Burns in the Ionosphere. IEEE Transactions on Plasma Science, 2012, 40, 1267-1286. | 1.3 | 58 |
| 76 | SAMI2â€₽E: A model of the ionosphere including multistream interhemispheric photoelectron transport. Journal of Geophysical Research, 2012, 117, . | 3.3 | 29 |
| 77 | Modeling of equatorial plasma bubbles triggered by non-equatorial traveling ionospheric disturbances. Geophysical Research Letters, 2011, 38, n/a-n/a. | 4.0 | 45 |
| 78 | Sensitivity studies of equatorial topside electron and ion temperatures. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 9 |
| 79 | lonosphere plasma bubbles and density variations induced by pre-earthquake rock currents and associated surface charges. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 136 |
| 80 | Theoretical study of the ionospheric Weddell Sea Anomaly using SAMI2. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 42 |
| 81 | Modeling of multiple effects of atmospheric tides on the ionosphere: An examination of possible coupling mechanisms responsible for the longitudinal structure of the equatorial ionosphere. Journal of Geophysical Research, 2010, 115, . | 3.3 | 108 |
| 82 | Self onsistent modeling of equatorial dawn density depletions with SAMI3. Geophysical Research Letters, 2010, 37, . | 4.0 | 29 |
| 83 | Modeling the presunrise plasma heating in the low―to midlatitude topside ionospheres. Journal of Geophysical Research, 2010, 115, . | 3.3 | 5 |
| 84 | Why do equatorial ionospheric bubbles stop rising?. Geophysical Research Letters, 2010, 37, . | 4.0 | 55 |
| 85 | Global modeling of equatorial plasma bubbles. Geophysical Research Letters, 2010, 37, . | 4.0 | 70 |
| 86 | Topside measurements at Jicamarca during solar minimum. Annales Geophysicae, 2009, 27, 427-439. | 1.6 | 27 |
| 87 | Three-dimensional simulation of equatorial spread-F with meridional wind effects. Annales Geophysicae, 2009, 27, 1821-1830. | 1.6 | 58 |
| 88 | Atomic and molecular ion dynamics during equatorial spread <i>F</i> . Geophysical Research Letters, 2009, 36, . | 4.0 | 29 |
| 89 | Threeâ€dimensional modeling of equatorial spread <i>F</i> airglow enhancements. Geophysical Research Letters, 2009, 36, | 4.0 | 36 |
| 90 | Ion and electron temperature evolution during equatorial spread <i>F</i> . Geophysical Research Letters, 2009, 36, . | 4.0 | 35 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Threeâ€dimensional equatorial spread <i>F</i> modeling: Zonal neutral wind effects. Geophysical Research Letters, 2009, 36, . | 4.0 | 62 |
| 92 | Modeling the longitudinal variation in the postâ€sunset farâ€ultraviolet OI airglow using the SAMI2 model. Journal of Geophysical Research, 2008, 113, . | 3.3 | 32 |
| 93 | Threeâ€dimensional equatorial spread <i>F</i> modeling. Geophysical Research Letters, 2008, 35, . | 4.0 | 196 |
| 94 | Simulation of field-aligned H ⁺ and He ⁺ dynamics during late-stage plasmasphere refilling. Annales Geophysicae, 2008, 26, 1507-1516. | 1.6 | 23 |
| 95 | Full profile incoherent scatter analysis at Jicamarca. Annales Geophysicae, 2008, 26, 59-75. | 1.6 | 40 |
| 96 | Equatorial spreadFmodeling: Multiple bifurcated structures, secondary instabilities, large density â€~bite-outs,' and supersonic flows. Geophysical Research Letters, 2007, 34, . | 4.0 | 53 |
| 97 | Simulation study of a positive ionospheric storm phase observed at Millstone Hill. Geophysical Research Letters, 2006, 33, . | 4.0 | 16 |
| 98 | An interhemispheric model of artificial ionospheric ducts. Radio Science, 2006, 41, n/a-n/a. | 1.6 | 23 |
| 99 | Forced Hall magnetic reconnection: Parametric variation of the "Newton Challenge― Physics of Plasmas, 2006, 13, 062311. | 1.9 | 2 |
| 100 | Hemispheric daytime ionospheric response to intense solar wind forcing. Geophysical Monograph Series, 2005, , 261-275. | 0.1 | 8 |
| 101 | Hall magnetic reconnection: Guide field dependence. Physics of Plasmas, 2005, 12, 012322. | 1.9 | 63 |
| 102 | 3D Dynamics of X- and Z - Pinches. IEEE International Conference on Plasma Science, 2005, , . | 0.0 | 0 |
| 103 | Global response of the low-latitude to midlatitude ionosphere due to the Bastille Day flare. Geophysical Research Letters, 2005, 32, . | 4.0 | 31 |
| 104 | Simulation study of penetration electric field effects on the low- to mid-latitude ionosphere. Geophysical Research Letters, 2005, 32, . | 4.0 | 92 |
| 105 | Hall Magnetic Reconnection Rate. Physical Review Letters, 2004, 93, 175003. | 7.8 | 91 |
| 106 | Ionospheric response to the solar flare of 14 July 2000. Radio Science, 2004, 39, n/a-n/a. | 1.6 | 13 |
| 107 | On the generation and structure of the quadrupole magnetic field in the reconnection process: Comparative simulation study. Geophysical Research Letters, 2004, 31, n/a-n/a. | 4.0 | 29 |
| 108 | On magnetic reconnection regimes and associated three-dimensional asymmetries: Hybrid, Hall-less hybrid, and Hall-MHD simulations. Journal of Geophysical Research, 2004, 109, . | 3.3 | 66 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Simulation study of mid-latitude ionosphere fluctuations observed at Millstone Hill. Geophysical Research Letters, 2003, 30, . | 4.0 | 7 |
| 110 | Hall Magnetohydrodynamics - A Tutorial. , 2003, , 166-192. | | 57 |
| 111 | Observation of faster-than-diffusion magnetic field penetration into a plasma. Physics of Plasmas, 2003, 10, 112-125. | 1.9 | 37 |
| 112 | Open source project to aid ionosphere physics research. Eos, 2002, 83, 188. | 0.1 | 3 |
| 113 | Comparison of O+density from ARGOS LORAAS data analysis and SAMI2 model results. Geophysical Research Letters, 2002, 29, 6-1. | 4.0 | 22 |
| 114 | Ionospheric and dayglow responses to the radiative phase of the Bastille Day flare. Geophysical Research Letters, 2002, 29, 99-1-99-4. | 4.0 | 50 |
| 115 | Sami2 is Another Model of the Ionosphere (SAMI2): A new low-latitude ionosphere model. Journal of Geophysical Research, 2000, 105, 23035-23053. | 3.3 | 470 |
| 116 | The formation of an electron hole in the topside equatorial ionosphere. Geophysical Research Letters, 2000, 27, 181-184. | 4.0 | 26 |
| 117 | Ion sound waves in the topside low latitude ionosphere. Geophysical Research Letters, 2000, 27, 3181-3184. | 4.0 | 26 |
| 118 | Interaction of the Solar Wind with Unmagnetized Planets. Physical Review Letters, 1999, 83, 260-263. | 7.8 | 23 |
| 119 | A new 3D MHD algorithm: the distribution function method. Journal of Plasma Physics, 1999, 61, 391-405. | 2.1 | 27 |
| 120 | Incoherent scatter from space shuttle and rocket engine plumes in the ionosphere. Journal of Geophysical Research, 1998, 103, 2239-2251. | 3.3 | 30 |
| 121 | The Kelvin-Helmholtz instability: Finite Larmor radius magnetohydrodynamics. Geophysical Research Letters, 1996, 23, 2907-2910. | 4.0 | 68 |
| 122 | The Rayleigh-Taylor instability is not damped by recombination in theFregion. Journal of Geophysical Research, 1996, 101, 24553-24556. | 3.3 | 27 |
| 123 | Finite Larmor radius magnetohydrodynamics of the Rayleigh–Taylor instability. Physics of Plasmas, 1996, 3, 2523-2532. | 1.9 | 43 |
| 124 | Hall magnetohydrodynamics in space and laboratory plasmas. Physics of Plasmas, 1995, 2, 2504-2513. | 1.9 | 70 |
| 125 | Lightning driven EMP in the upper atmosphere. Geophysical Research Letters, 1995, 22, 361-364. | 4.0 | 64 |
| 126 | Hall magnetohydrodynamic modeling of a longâ€conductionâ€time plasma opening switch. Physics of Plasmas, 1994, 1, 3444-3454. | 1.9 | 58 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Subâ€Alfvénic plasma expansion. Physics of Fluids B, 1993, 5, 3491-3506. | 1.7 | 90 |
| 128 | Generation of waves in the Venus mantle by the ion acoustic beam instability. Geophysical Research Letters, 1993, 20, 1751-1754. | 4.0 | 25 |
| 129 | Smallâ€scale density irregularities in the nightside Venus ionosphere: Comparison of theory and observations. Journal of Geophysical Research, 1993, 98, 3079-3086. | 3.3 | 8 |
| 130 | Theory of kilometerâ€size density waves in the nightside Venus ionosphere. Geophysical Research Letters, 1993, 20, 2763-2766. | 4.0 | 2 |
| 131 | Selfâ€generation of magnetic fields by sheared flows in weakly ionized plasmas. Physics of Fluids B, 1993, 5, 3779-3788. | 1.7 | 21 |
| 132 | Theory of smallâ€scale density and electric field fluctuations in the nightside Venus ionosphere. Journal of Geophysical Research, 1992, 97, 43-50. | 3.3 | 22 |
| 133 | â€~Skidding' of the CRRES Gâ€9 barium release. Geophysical Research Letters, 1992, 19, 1085-1088. | 4.0 | 23 |
| 134 | Theory and simulation of a highâ€frequency magnetic drift wave. Physics of Fluids B, 1991, 3, 3217-3225. | 1.7 | 46 |
| 135 | Universal interchange instability in partially ionized gases. Physics of Fluids B, 1990, 2, 2547-2550. | 1.7 | 17 |
| 136 | Nonlinear evolution of the unmagnetized ion Rayleigh–Taylor instability. Physics of Fluids B, 1990, 2, 2001-2006. | 1.7 | 10 |
| 137 | Laboratory laser-produced astrophysical-like plasmas. Laser and Particle Beams, 1990, 8, 183-190. | 1.0 | 51 |
| 138 | Threeâ€ d imensional simulation study of ionospheric plasma clouds. Geophysical Research Letters, 1990, 17, 1597-1600. | 4.0 | 21 |
| 139 | Nonlocal theory of the Rayleigh–Taylor instability in the limit of unmagnetized ions. Physics of Fluids B, 1989, 1, 931-941. | 1.7 | 22 |
| 140 | Anomalous Transport in Current Sheets. Symposium - International Astronomical Union, 1985, 107, 315-328. | 0.1 | 1 |
| 141 | Short wavelength stabilization of the gradient drift instability due to velocity shear. Geophysical Research Letters, 1983, 10, 357-360. | 4.0 | 26 |