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Interplanetary Lyman α line profiles derived from SWAN/SOHO hydrogen cell measurements: Full-sky Velocity Field

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#	Paper	IF	Citations
58	Monitoring solar activity on the far side of the sun from sky reflected Lyman α radiation. <i>Geophysical Research Letters</i> , 2000 , 27, 1331-1334	4.9	22
57	Interplanetary H Ly α Observations from a Sounding Rocket. <i>Astrophysical Journal</i> , 2001 , 559, 491-500	4.7	10
56	Interstellar Gas Flow Into the Heliosphere. <i>COSPAR Colloquia Series</i> , 2001 , 109-120		
55	Heliopause and astero-pauses. <i>Astrophysics and Space Science</i> , 2001 , 277, 205-217	1.6	12
54	Effects of the heliospheric interface on the interplanetary Lyman α glow seen at 1 AU from the Sun. <i>Astronomy and Astrophysics</i> , 2002 , 396, 269-281	5.1	34
53	NON-STATIONARY TRANSPORT OF HYDROGEN NEUTRAL ATOMS IN THE HELIOSPHERE. <i>Transport Theory and Statistical Physics</i> , 2002 , 31, 635-658		1
52	Response of interplanetary glow to global variations of hydrogen ionization rate and solar Lyman α flux. <i>Journal of Geophysical Research</i> , 2002 , 107, SSH 2-1		12
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50	Solar cycle dependence of interplanetary Lyman α emission and solar wind anisotropies derived from NOZOMI/UVS and SOHO/SWAN observations. <i>Journal of Geophysical Research</i> , 2003 , 108,		10
49	Synopsis of the interstellar He parameters from combined neutral gas, pickup ion and UV β scattering observations and related consequences. <i>Astronomy and Astrophysics</i> , 2004 , 426, 897-907	5.1	163
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43	Deflection of the interstellar neutral hydrogen flow across the heliospheric interface. <i>Science</i> , 2005 , 307, 1447-9	33.3	262
42	Lyman alpha imaging of solar activity on the interplanetary hydrogen screen for space weather forecasting. <i>Journal of Geophysical Research</i> , 2005 , 110,		1

41	Interplanetary Lyman α profiles: variations with solar activity cycle. <i>Astronomy and Astrophysics</i> , 2006 , 455, 1135-1142	5.1	15
40	Density of neutral interstellar hydrogen at the termination shock from Ulysses pickup ion observations. <i>Astronomy and Astrophysics</i> , 2008 , 491, 7-19	5.1	74
39	SOLAR WIND CHARGE EXCHANGE EMISSION FROM THE HELIUM FOCUSING CONE: MODEL TO DATA COMPARISON. <i>Astrophysical Journal</i> , 2009 , 697, 1214-1225	4.7	23
38	Interplanetary Lyman α Observations: Intensities from Voyagers and Line Profiles from HST/STIS. <i>Space Science Reviews</i> , 2009 , 143, 151-162	7.5	20
37	Kinetic-Hydrodynamic Models of the Solar Wind Interaction with the Partially Ionized Supersonic Flow of the Local Interstellar Gas: Predictions and Interpretations of the Experimental Data. <i>Space Science Reviews</i> , 2009 , 142, 23-72	7.5	12
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35	Diagnosing the Neutral Interstellar Gas Flow at 1 AU with IBEX-Lo. <i>Space Science Reviews</i> , 2009 , 146, 149-172	7.5	37
34	Ultraviolet studies of the interplanetary and local interstellar medium. <i>Cosmic Research</i> , 2009 , 47, 1-13	0.6	
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13	Interplanetary Lyman- α Observations: Intensities from Voyagers and Line Profiles from HST/STIS. <i>Space Sciences Series of ISSI</i> , 2008 , 151-162	0.1	3
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11	Latitudinal structure and north-south asymmetry of the solar wind from Lyman- α remote sensing by SWAN. <i>Astronomy and Astrophysics</i> , 2003 , 408, 1165-1177	5.1	31
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4	Diagnosing the Neutral Interstellar Gas Flow at 1 AU with IBEX-Lo. 2009 , 149-172		1
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