First Results from the Soho Ultraviolet Coronagraph Sp

Solar Physics 175, 613-644

DOI: 10.1023/a:1004903206467

Citation Report

#	Article	IF	CITATIONS
1	Origins of the Slow and the Ubiquitous Fast Solar Wind. Astrophysical Journal, 1997, 489, L103-L106.	1.6	119
2	Influence of heavy ions on the high-speed solar wind. Journal of Geophysical Research, 1997, 102, 17419-17432.	3.3	39
3	The Darkest Regions of Solar Polar Coronal Holes Observed by SUMER on SOHO. Astrophysics and Space Science, 1998, 264, 43-52.	0.5	9
4	Cyclotron Heating of the Solar Corona. Astrophysics and Space Science, 1998, 264, 63-76.	0.5	12
5	Heating the Solar Corona by Magnetic Reconnection. Astrophysics and Space Science, 1998, 264, 77-100.	0.5	17
6	Element and Isotopic Fractionation in Closed Magnetic Structures. Space Science Reviews, 1998, 85, 397-406.	3.7	20
7	Composition Aspects of the Upper Solar Atmosphere Rapporteur Paper III., 1998, 85, 407-418.		11
8	Structure of the Solar Wind and Compositional Variations. Space Science Reviews, 1998, 85, 291-302.	3.7	9
9	The Expansion of Coronal Plumes in the Fast Solar Wind. Space Science Reviews, 1998, 85, 349-356.	3.7	8
10	Fractionation of SI, NE, and MG Isotopes in the Solar Wind as Measured by Soho/Celias/MTOF. Space Science Reviews, 1998, 85, 357-370.	3.7	39
11	O5+ in High Speed Solar Wind Streams: SWICS/Ulysses Results. Space Science Reviews, 1998, 85, 387-396.	3.7	16
12	Elemental Abundances in Coronal Structures. Space Science Reviews, 1998, 85, 283-289.	3.7	13
13	UVCS/SOHO: The First Two Years. Space Science Reviews, 1998, 85, 341-348.	3.7	11
14	Global model of the corona with heat and momentum addition. Journal of Geophysical Research, 1998, 103, 1913-1922.	3.3	70
15	Thermal coupling of protons and neutral hydrogen in the fast solar wind. Journal of Geophysical Research, 1998, 103, 6551-6569.	3.3	57
16	UVCS/[ITAL]SOHO[/ITAL] Empirical Determinations of Anisotropic Velocity Distributions in the Solar Corona. Astrophysical Journal, 1998, 501, L127-L131.	1.6	396
17	High Minor Ion Outflow Speeds in the Inner Corona and Observed Ion Charge States in Interplanetary Space. Astrophysical Journal, 1998, 498, 448-457.	1.6	43
18	Physical Structure of a Coronal Streamer in the Closedâ€Field Region as Observed from UVCS/SOHOand SXT/Yohkoh. Astrophysical Journal, 1998, 506, 431-438.	1.6	61

#	Article	IF	CITATIONS
19	The Solar Corona above Polar Coronal Holes as Seen by SUMER on SOHO. Astrophysical Journal, 1998, 500, 1023-1038.	1.6	254
20	Nonâ€Maxwellian Redistribution in Solar Coronal Lyl̂± Emission. Astrophysical Journal, 1998, 508, 925-939.	1.6	71
21	Solar wind. , 1998, , 107-141.		1
22	Solar Wind at 6.8 Solar Radii from UVCS Observation of Comet C/1996Y1. Astrophysical Journal, 1998, 508, 410-417.	1.6	45
23	The Effect of Temperature Anisotropy on Observations of Doppler Dimming and Pumping in the Inner Corona. Astrophysical Journal, 1998, 501, L133-L137.	1.6	160
24	Ultraviolet Spectroscopy of a Coronal Mass Ejection. International Astronomical Union Colloquium, 1998, 167, 370-375.	0.1	0
25	Coronal Heating by Magnetohydrodynamic Turbulence Driven by Reflected Low-Frequency Waves. Astrophysical Journal, 1999, 523, L93-L96.	1.6	297
26	EUV Spectral Line Profiles in Polar Coronal Holes from 1.3 to 3.0 [ITAL]R[/ITAL][TINF]⊙[/TINF]. Astrophysical Journal, 1999, 510, L59-L62.	1.6	111
27	An Empirical Model of a Polar Coronal Hole at Solar Minimum. Astrophysical Journal, 1999, 511, 481-501.	1.6	302
28	Unresolved questions about the structure and dynamics of the extended solar corona. Geophysical Monograph Series, 1999, , 121-128.	0.1	2
29	Microscopic Nonthermal Plasma Motions of Coronal Loops in a Solar Active Region. Astrophysical Journal, 1999, 513, 969-982.	1.6	44
30	Spectroscopic Constraints on Models of Ion Cyclotron Resonance Heating in the Polar Solar Corona and High‧peed Solar Wind. Astrophysical Journal, 1999, 518, 937-947.	1.6	258
31	Title is missing!. Space Science Reviews, 1999, 87, 327-330.	3.7	11
32	Solar Wind Models from the Sun to 1 AU: Constraints by in Situ and Remote Sensing Measurements. Space Science Reviews, 1999, 87, 1-24.	3.7	37
33	Spectroscopic Constraints on Models of Ion-cyclotron Resonance Heating in the Polar Solar Corona. Space Science Reviews, 1999, 87, 149-152.	3.7	14
34	UVCS/SOHO Observations of Spectral Line Profiles in Polar Coronal Holes. Space Science Reviews, 1999, 87, 233-236.	3.7	14
35	Title is missing!. Space Science Reviews, 1999, 87, 173-176.	3.7	4
36	Variation of Polar Coronal Hole Profiles with Solar Cycle. Space Science Reviews, 1999, 87, 177-180.	3.7	2

#	Article	IF	Citations
37	Ly-α Observation of a Coronal Streamer with UVCS/SOHO. Space Science Reviews, 1999, 87, 265-268.	3.7	3
38	On the Lyman α and O VI Line Profiles in Streamers and Coronal Holes. Space Science Reviews, 1999, 87, 349-352.	3.7	0
39	Soho Observations of Density Fluctuations in Coronal Holes. Space Science Reviews, 1999, 87, 287-290.	3.7	1
40	UVCS/SOHO Ion Kinetics in Coronal Streamers. Space Science Reviews, 1999, 87, 189-192.	3.7	6
41	Ulysses-UVCS Coordinated Observations. Space Science Reviews, 1999, 87, 319-322.	3.7	2
42	Ion cyclotron waves, instabilities and solar wind heating. Solar Physics, 1999, 190, 485-497.	1.0	22
43	The influence of superathermal electrons on the derivation of coronal electron temperatures from solar wind motor ion charge states. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 1999, 24, 407-414.	0.2	0
44	Solar wind isotopic abundance ratios of ne, mg and si measured by SOHO/CELIAS/MTOF as diagnostic tool for the inner corona. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 1999, 24, 415-419.	0.2	2
45	Solar minimum streamer densities and temperatures using Whole Sun Month coordinated data sets. Journal of Geophysical Research, 1999, 104, 9691-9699.	3.3	132
46	Synoptic Sun during the first Whole Sun Month Campaign: August 10 to September 8, 1996. Journal of Geophysical Research, 1999, 104, 9679-9689.	3.3	20
47	A two-fluid, MHD coronal model. Journal of Geophysical Research, 1999, 104, 4697-4708.	3.3	45
48	Study of the latitudinal dependence of H I Lyman $\hat{l}\pm$ and O VI emission in the solar corona: Evidence for the superradial geometry of the outflow in the polar coronal holes. Journal of Geophysical Research, 1999, 104, 9791-9799.	3.3	26
49	Coronal plumes and the expansion of pressure-balanced structures in the fast solar wind. Journal of Geophysical Research, 1999, 104, 9947-9961.	3.3	26
50	Solar probe: A mission to the sun and the inner core of the heliosphere. Geophysical Monograph Series, 1999, , 237-246.	0.1	2
51	Elemental Fractionation in the Slow Solar Wind. Astrophysical Journal, 1999, 521, 859-867.	1.6	132
52	Plasma Properties in Coronal Holes Derived from Measurements of Minor Ion Spectral Lines and Polarized White Light Intensity. Astrophysical Journal, 1999, 510, L63-L67.	1.6	172
53	Heating and Acceleration of the Solar Wind via Gravity Damping of Alfven Waves. Astrophysical Journal, 1999, 514, 989-1012.	1.6	11
54	MHDâ€driven Kinetic Dissipation in the Solar Wind and Corona. Astrophysical Journal, 2000, 537, 1054-1062.	1.6	224

#	Article	IF	Citations
55	Ultraviolet Spectroscopy of Polar Coronal Jets. Astrophysical Journal, 2000, 538, 922-931.	1.6	18
56	A Generalized Model for the Proton Expansion in Astrophysical Winds. III. The Collisional Transfers and Their Properties. Astrophysical Journal, 2000, 530, 478-490.	1.6	7
57	lon Cyclotron Wave Dissipation in the Solar Corona: The Summed Effect of More than 2000 Ion Species. Astrophysical Journal, 2000, 532, 1197-1208.	1.6	151
58	On the electron temperatures, densities and hot ions in coronal hole plasma observed by SUMER on SOHO. Advances in Space Research, 2000, 25, 1751-1756.	1.2	7
59	Hydrogen and oxygen temperatures in coronal holes. Advances in Space Research, 2000, 25, 1923-1926.	1.2	17
60	Oxygen outflow velocities in a polar coronal hole. Advances in Space Research, 2000, 25, 1927-1930.	1.2	8
61	Radial density, velocity and temperature profiles in a multi-species solar wind close to the coronal base: A self-consistent four-species model. Advances in Space Research, 2000, 25, 1935-1938.	1.2	3
62	Here comes Solar Probe!. Advances in Space Research, 2000, 25, 1961-1964.	1.2	5
63	Heating and Acceleration of Protons and Minor lons by Fast Shocks in the Solar Corona. Astrophysical Journal, 2000, 535, 1014-1026.	1.6	73
64	Identification of the Coronal Sources of the Fast Solar Wind. Astrophysical Journal, 2000, 531, L79-L82.	1.6	71
65	The May 1997 SOHO-Ulysses quadrature. Journal of Geophysical Research, 2000, 105, 25033-25051.	3.3	13
66	Thermal coupling of protons and neutral hydrogen with anisotropic temperatures in the fast solar wind. Journal of Geophysical Research, 2000, 105, 23123-23134.	3.3	15
67	A four-fluid turbulence-driven solar wind model for preferential acceleration and heating of heavy ions. Journal of Geophysical Research, 2000, 105, 5093-5111.	3.3	55
68	Influence of Coulomb collisions on isotopic and elemental fractionation in the solar wind acceleration process. Journal of Geophysical Research, 2000, 105, 47-60.	3.3	59
69	Latitudinal dependence of outflow velocities from O VI Doppler dimming observations during the Whole Sun Month. Journal of Geophysical Research, 2000, 105, 2345-2356.	3.3	32
70	Source regions of the slow solar wind in coronal streamers. Geophysical Research Letters, 2000, 27, 2885-2888.	1.5	34
71	Heating and acceleration of coronal ions interacting with plasma waves through cyclotron and Landau resonance. Journal of Geophysical Research, 2001, 106, 227-238.	3.3	72
72	Ion cyclotron diffusion of velocity distributions in the extended solar corona. Journal of Geophysical Research, 2001, 106, 24937-24954.	3.3	59

#	Article	IF	Citations
73	Conditions for sustainment of magnetohydrodynamic turbulence driven by Alfv \tilde{A} @n waves. Physics of Plasmas, 2001, 8, 2377-2384.	0.7	34
74	Lower Hybrid Drive in Solar Magnetic Reconnection Regions: Implications for Electron Acceleration and Solar Heating. Publications of the Astronomical Society of Australia, 2001, 18, 336-344.	1.3	9
75	Comparison of Empirical Models for Polar and Equatorial Coronal Holes. Astrophysical Journal, 2001, 549, L257-L260.	1.6	35
76	A Reduced Magnetohydrodynamic Model of Coronal Heating in Open Magnetic Regions Driven by Reflected Lowâ€Frequency Alfven Waves. Astrophysical Journal, 2001, 551, 565-575.	1.6	68
77	UVCS Observations of Velocity Shear at Streamer Boundaries in the Corona. Space Science Reviews, 2001, 97, 5-8.	3.7	2
78	Constraints on the O[TSUP]+5[/TSUP] Anisotropy in the Solar Corona. Astrophysical Journal, 2001, 547, L175-L178.	1.6	41
79	Formation and primary heating of the solar corona: Theory and simulation. Physics of Plasmas, 2001, 8, 1340.	0.7	46
80	Elemental Abundances and Post–Coronal Mass Ejection Current Sheet in a Very Hot Active Region. Astrophysical Journal, 2002, 575, 1116-1130.	1.6	132
81	Solar and Heliospheric ObservatoryUltraviolet Coronagraph Spectrometer andYohkohSoft Xâ€Ray Telescope Observations of the Highâ€Temperature Corona above an Active Region Complex. Astrophysical Journal, 2002, 578, 979-995.	1.6	41
82	Coronal holes and the solar wind. COSPAR Colloquia Series, 2002, , 3-12.	0.2	8
83	Coronal Heating Distribution Due to Lowâ€Frequency, Waveâ€driven Turbulence. Astrophysical Journal, 2002, 575, 571-577.	1.6	145
84	Electron heat flux instabilities in coronal holes: Implications for ion heating. Geophysical Research Letters, 2002, 29, 24-1-24-4.	1.5	14
85	A theoretical model for O5+(O7+) ions in the fast solar wind. Journal of Geophysical Research, 2002, 107, SSH 11-1.	3.3	6
86	Resonant heating and acceleration of ions in coronal holes driven by cyclotron resonant spectra. Journal of Geophysical Research, 2002, 107, SSH 9-1-SSH 9-9.	3.3	52
87	Generation of the fast solar wind: A review with emphasis on the resonant cyclotron interaction. Journal of Geophysical Research, 2002, 107, SSH 12-1.	3.3	300
88	Low-latitude solar wind during the Fall 1998 SOHO-Ulysses quadrature. Journal of Geophysical Research, 2002, 107, SSH 9-1.	3.3	18
89	UV line intensity and flow velocity distributions in two coronal mass ejections as deduced by UVCS-SOHO observations. Astronomy and Astrophysics, 2002, 383, 1032-1048.	2.1	4
90	Linear polarization of the $ion{O}{iv}$ $ion{O}{iv}$ coronal line. Astronomy and Astrophysics, 2002, 396, 1019-1028.	2.1	28

#	ARTICLE	IF	CITATIONS
91	A Fluxâ€Tube Tectonics Model for Solar Coronal Heating Driven by the Magnetic Carpet. Astrophysical Journal, 2002, 576, 533-551.	1.6	207
92	UVCS/SOHO observations of a CME-driven shock: Consequences on ion heating mechanisms behind a coronal shock. Astronomy and Astrophysics, 2002, 383, 267-274.	2.1	82
93	Polar coronal jets. Advances in Space Research, 2002, 29, 337-341.	1.2	0
94	Constraints on ion outflow speeds and electron distribution function in the corona derived from sumer electron temperatures and SWICS ion fractions. Advances in Space Research, 2002, 30, 481-486.	1.2	3
95	Observations of ultraviolet emission lines in solar coronal holes on the disk with SUMER on SOHO. Advances in Space Research, 2002, 30, 517-522.	1.2	10
96	Transition region and coronal plasmas: instrumentation and spectral analysis. Astrophysics and Space Science, 2002, 282, 189-207.	0.5	9
97	The Effects of the Velocity Filtration Mechanism on the Minor Ions of the Corona. Solar Physics, 2003, 216, 47-58.	1.0	20
98	Spectral Line Profile Correction of the Detector Effect: for a SOHO/UVCS Spectrometer. Optical Review, 2003, 10, 47-52.	1.2	3
99	UV spectroscopy with SOHO. Advances in Space Research, 2003, 32, 965-976.	1.2	0
100	Past and recent observations of the solar upper atmosphere at vacuum-ultraviolet wavelengths. Journal of Atmospheric and Solar-Terrestrial Physics, 2003, 65, 167-189.	0.6	14
101	Numerical modeling of the halo electrons in the fast solar wind. Journal of Geophysical Research, 2003, 108, .	3.3	4
102	Linear Polarization Measurements of Chromospheric Emission Lines. Astrophysical Journal, 2003, 594, 1085-1101.	1.6	8
103	Alfvenic Turbulence in the Extended Solar Corona: Kinetic Effects and Proton Heating. Astrophysical Journal, 2003, 594, 573-591.	1.6	164
104	Temporal Evolution of a Streamer Complex: Coronal and in Situ Plasma Parameters. Astrophysical Journal, 2003, 593, 1146-1163.	1.6	32
105	Electron Temperature and Speed Measurements in the Low Solar Corona: Results From the 2001 June Eclipse. Astrophysical Journal, 2003, 599, 596-603.	1.6	17
106	Empirically Determined Anisotropic Velocity Distributions and Outflows of O5+lons in a Coronal Streamer at Solar Minimum. Astrophysical Journal, 2003, 597, 1145-1157.	1.6	72
107	Ultraviolet Spectroscopy of Narrow Coronal Mass Ejections. Astrophysical Journal, 2003, 588, 586-595.	1.6	28
108	The Effect of Proton Temperature Anisotropy on the Solar Minimum Corona and Wind. Astrophysical Journal, 2003, 598, 1361-1374.	1.6	62

#	ARTICLE	IF	CITATIONS
109	Farâ€Ultraviolet Spectra of Fast Coronal Mass Ejections Associated with Xâ€Class Flares. Astrophysical Journal, 2003, 597, 1106-1117.	1.6	94
110	The Nascent Solar Wind: Origin and Acceleration. Astrophysical Journal, 2003, 588, 566-577.	1.6	92
111	Test for Alfven Wave Signatures in a Solar Coronal Hole. Astrophysical Journal, 2003, 598, 657-666.	1.6	30
112	Effect of anisotropic velocity distribution on the linear polarization of coronal lines. Astronomy and Astrophysics, 2003, 412, 271-280.	2.1	13
113	Origin and Acceleration of Fast and Slow Solar Wind. Symposium - International Astronomical Union, 2004, 219, 563-574.	0.1	0
114	Origin of the Solar Wind and Open Coronal Magnetic Structures. Symposium - International Astronomical Union, 2004, 219, 587-598.	0.1	0
115	Solar cycle dependence of the helium focusing cone from SOHO/UVCS observations. Astronomy and Astrophysics, 2004, 426, 867-874.	2.1	33
116	The origin of the slow solar wind in coronal streamers. Advances in Space Research, 2004, 33, 681-688.	1.2	17
117	Low-latitude coronal holes during solar maximum. Advances in Space Research, 2004, 33, 696-700.	1.2	20
118	The solar wind and the Sun-Earth link. Astronomy and Geophysics, 2004, 45, 4.38-4.43.	0.1	2
119	Ion cyclotron instability triggered by drifting minor ion species: Cascade effect and exact results. Planetary and Space Science, 2004, 52, 679-684.	0.9	9
120	Exospheric distributions of minor ions in the solar wind. Journal of Geophysical Research, 2004, 109, .	3.3	62
121	Three-fluid model of the heating and acceleration of the fast solar wind. Journal of Geophysical Research, 2004, 109, .	3.3	47
122	Fast solar wind after the rapid acceleration. Journal of Geophysical Research, 2004, 109, .	3.3	20
123	Multiple ions resonant heating and acceleration by AlfvÃ@n/cyclotron fluctuations in the corona and the solar wind. Journal of Geophysical Research, 2004, 109, .	3.3	40
124	Cross-Field Heating of Coronal Ions by Low-Frequency Kinetic Alfvn Waves. Astrophysical Journal, 2004, 605, L149-L152.	1.6	100
125	Densities and Velocities in Fast Coronal Mass Ejections: Radiative Pumping of the O vi Doublet. Astrophysical Journal, 2004, 606, L159-L162.	1.6	22
126	Test Particle Energization by Current Sheets and Nonuniform Fields in Magnetohydrodynamic Turbulence. Astrophysical Journal, 2004, 617, 667-679.	1.6	217

#	ARTICLE	IF	CITATIONS
127	Effects of Flow on Structure and Abundances in Multispecies Solar Coronal Loops. Astrophysical Journal, 2004, 604, 433-441.	1.6	7
128	Effect of the HiLyα Chromospheric Flux Anisotropy on the Total Intensity of the Resonantly Scattered Coronal Radiation. Astrophysical Journal, 2005, 622, 737-743.	1.6	36
129	The Impact of Sunspots on the Interpretation of Coronal Observations of the O vi Doublet. Astrophysical Journal, 2005, 630, L189-L192.	1.6	4
130	Modeling the Energy Budget of Solar Wind Minor Ions: Implications for Temperatures and Abundances. Astrophysical Journal, 2005, 618, 1057-1073.	1.6	17
131	UVCS Observation of Sungrazer C/2001 C2: Possible Comet Fragmentation and Plasmaâ€Dust Interactions. Astrophysical Journal, 2005, 620, 523-536.	1.6	22
132	The scientific possibilities for coronagraphy from the Solar Orbiter. Advances in Space Research, 2005, 36, 1367-1374.	1.2	0
133	MHD Waves and Heating in Coronal Holes. Space Science Reviews, 2005, 120, 67-94.	3.7	66
134	Slow wind and magnetic topology in the solar minimum corona inÂ1996–1997. Astronomy and Astrophysics, 2005, 435, 699-711.	2.1	64
135	On the Generation, Propagation, and Reflection of Alfven Waves from the Solar Photosphere to the Distant Heliosphere. Astrophysical Journal, Supplement Series, 2005, 156, 265-293.	3.0	368
136	Nonlinear coupling of Alfv $ ilde{A}$ ©n waves with widely different cross-field wavelengths in space plasmas. Journal of Geophysical Research, 2005, 110, .	3.3	18
137	High-frequency AlfvÃ@n waves in multi-ion coronal plasma: Observational implications. Journal of Geophysical Research, 2005, 110, .	3.3	24
138	Hybrid simulation of ion cyclotron resonance in the solar wind: Evolution of velocity distribution functions. Journal of Geophysical Research, 2005, 110 , .	3.3	12
139	A global 2.5-dimensional three fluid solar wind model with alpha particles. Journal of Geophysical Research, 2006, 111 , .	3.3	12
140	Test particle acceleration in three-dimensional Hall MHD turbulence. Journal of Geophysical Research, 2006, 111, .	3.3	21
141	Sensitivity of solar off-limb line profiles to electron density stratification and the velocity distribution anisotropy. Astronomy and Astrophysics, 2006, 445, 735-745.	2.1	21
142	Improved gyrotropic transport equations for fully ionized magnetized gases: modelling the solar wind. Physica Scripta, 2006, T122, 66-78.	1.2	3
143	Oxygen Abundance and Energy Deposition in the Slow Coronal Wind. Astrophysical Journal, 2006, 643, 1239-1244.	1.6	17
144	Physical Properties of a 2003 April Quiescent Streamer. Astrophysical Journal, 2006, 645, 720-731.	1.6	20

#	Article	IF	CITATIONS
145	Ultraviolet Properties of Halo Coronal Mass Ejections: Doppler Shifts, Angles, Shocks, and Bulk Morphology. Astrophysical Journal, 2006, 652, 774-792.	1.6	37
146	Abundance Variation at the Vicinity of an Active Region and the Coronal Origin of the Slow Solar Wind. Astrophysical Journal, 2006, 646, 1275-1287.	1.6	52
147	Doppler redistribution of anisotropic radiation and resonance polarization in moving scattering media. Astronomy and Astrophysics, 2006, 445, 681-692.	2.1	4
148	Anisotropic and mass-dependent energization of heavy ions by kinetic Alfvén waves. Astronomy and Astrophysics, 2006, 452, L7-L10.	2.1	51
149	Wave acceleration of the fast solar wind. Advances in Space Research, 2006, 38, 64-74.	1.2	4
150	Physics of the sun's hot atmosphere. Journal of Astrophysics and Astronomy, 2006, 27, 125-137.	0.4	0
151	Effects of Charge in Heavy Ions on Solitary Kinetic Alfvén Waves in Double-Ion Plasmas. Chinese Physics Letters, 2006, 23, 2155-2157.	1.3	3
152	Experimental study of two-fluid effects on magnetic reconnection in a laboratory plasma with variable collisionality. Physics of Plasmas, 2006, 13, 052119.	0.7	146
153	CHIANTI—An Atomic Database for Emission Lines. VII. New Data for Xâ€Rays and Other Improvements. Astrophysical Journal, Supplement Series, 2006, 162, 261-280.	3.0	404
154	Progress in understanding magnetic reconnection in laboratory and space astrophysical plasmas. Physics of Plasmas, 2007, 14, 058102.	0.7	99
155	Acceleration of particles in space plasmas by nonlinear magnetosonic waves. Plasma Physics and Controlled Fusion, 2007, 49, B621-B628.	0.9	14
156	A Comprehensive Study of the Initiation and Early Evolution of a Coronal Mass Ejection from Ultraviolet and Whiteâ€Light Data. Astrophysical Journal, 2007, 655, 576-590.	1.6	44
157	Nonlinear Interaction of Minor Heavy Ions with Kinetic Alfven Waves and Their Anisotropic Energization in Coronal Holes. Astrophysical Journal, 2007, 659, 1693-1701.	1.6	45
158	Sunspot Chromospheric Heating by Kinetic Alfvén Waves. Astrophysical Journal, 2007, 659, L181-L184.	1.6	34
159	Broadening of Resonantly Scattered Ultraviolet Emission Lines by Coronal Hole Outflows. Astrophysical Journal, 2007, 660, 1660-1673.	1.6	8
160	Morphological Study of Quiescent Streamers during Solar Minimum by Ultraviolet Emission Lines. Astrophysical Journal, 2007, 668, 1196-1209.	1.6	7
161	Plasma Outflows in Coronal Streamers. Astrophysical Journal, 2007, 658, L63-L66.	1.6	25
162	Transition Region Emission and Energy Input to Thermal Plasma during the Impulsive Phase of Solar Flares. Astrophysical Journal, 2007, 659, 750-757.	1.6	23

#	Article	IF	Citations
163	Properties of Solar Polar Coronal Plumes Constrained by Ultraviolet Coronagraph Spectrometer Data. Astrophysical Journal, 2007, 658, 643-656.	1.6	33
164	Selfâ€consistent Coronal Heating and Solar Wind Acceleration from Anisotropic Magnetohydrodynamic Turbulence. Astrophysical Journal, Supplement Series, 2007, 171, 520-551.	3.0	502
165	Two-dimensional hybrid model of wave and beam heating of multi-ion solar wind plasma. Journal of Geophysical Research, 2007, 112 , n/a - n/a .	3.3	31
166	Numerical simulations of coronal hole-associated neutral solar wind as expected at the Solar Orbiter position. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	3
167	Solar wind originating in funnels: fast or slow?. Astronomy and Astrophysics, 2007, 474, 997-1013.	2.1	8
168	Outflow velocity of the O+5ions in polar coronal holes out to 5R\$_odot\$. Astronomy and Astrophysics, 2007, 472, 299-307.	2.1	22
169	Coronal ion-cyclotron beam instabilities within the multi-fluid description. Astronomy and Astrophysics, 2007, 474, 609-615.	2.1	7
170	Physical parameters of a mid-latitude streamer during the declining phase of the solar cycle. Astronomy and Astrophysics, 2007, 475, 707-715.	2.1	15
171	A review of SOHO/UVCS observations of sungrazing comets. Planetary and Space Science, 2007, 55, 1021-1030.	0.9	19
172	Minor ions in the solar wind. Astronomy and Astrophysics Review, 2007, 14, 1-40.	9.1	64
173	Ponderomotive Forces in Cosmos. Space Science Reviews, 2007, 127, 1-116.	3.7	45
174	Wind in the Solar Corona: Dynamics and Composition. Space Science Reviews, 2007, 124, 35-50.	3.7	26
175	Observations of the Sun at Vacuum-Ultraviolet Wavelengths from Space. Part II: Results and Interpretations. Space Science Reviews, 2007, 133, 103-179.	3.7	32
176	Ultraviolet spectroscopic observations of coronal streamers in the SOHO era. Journal of Astrophysics and Astronomy, 2008, 29, 167-170.	0.4	0
177	Role of magnetic carpet in coronal heating. Journal of Astrophysics and Astronomy, 2008, 29, 253-256.	0.4	0
178	A model of turbulence in magnetized plasmas: Implications for the dissipation range in the solar wind. Journal of Geophysical Research, 2008, 113 , .	3.3	281
179	Plasmoids in reconnecting current sheets: Solar and terrestrial contexts compared. Journal of Geophysical Research, 2008, 113 , .	3.3	43
180	Low-Frequency Lyα Power Spectra Observed by UVCS in a Polar Coronal Hole. Astrophysical Journal, 2008, 677, L137-L140.	1.6	22

#	ARTICLE	IF	CITATIONS
181	UV and Radio Observations of the Coronal Shock Associated with the 2002 July 23 Coronal Mass Ejection Event. Astrophysical Journal, 2008, 677, 683-691.	1.6	25
182	On the Efficiency of Nonresonant Ion Heating by Coronal Alfvén Waves. Astrophysical Journal, 2008, 684, L119-L122.	1.6	39
183	A Systematic Survey of H <scp>i</scp> Lyl+ and O <scp>vi</scp> Doublet Profiles Observed in Polar Coronal Holes at Solar Minimum. Astrophysical Journal, 2008, 674, 1167-1178.	1.6	8
184	Physical parameters along the boundaries of a mid-latitude streamer and in its adjacent regions. Astronomy and Astrophysics, 2008, 488, 303-310.	2.1	34
185	Drift instabilities in the solar corona within the multi-fluid description. Astronomy and Astrophysics, 2008, 481, 853-860.	2.1	6
186	RECONNECTIONLESS CME ERUPTION: PUTTING THE ALY-STURROCK CONJECTURE TO REST. Astrophysical Journal, 2009, 693, 1431-1436.	1.6	33
187	PREFERENTIAL ACCELERATION AND PERPENDICULAR HEATING OF MINOR IONS IN A COLLISIONLESS CORONAL HOLE. Astrophysical Journal, 2009, 696, 591-600.	1.6	36
188	PHYSICAL PROPERTIES OF COOLING PLASMA IN QUIESCENT ACTIVE REGION LOOPS. Astrophysical Journal, 2009, 695, 221-237.	1.6	18
189	THREE-DIMENSIONAL STRUCTURE AND ENERGY BALANCE OF A CORONAL MASS EJECTION. Astrophysical Journal, 2009, 692, 1271-1286.	1.6	48
190	Formation of fast shocks by magnetic reconnection in the solar corona. Physics of Plasmas, 2009, 16, .	0.7	9
191	EMPIRICAL CONSTRAINTS ON PROTON AND ELECTRON HEATING IN THE FAST SOLAR WIND. Astrophysical Journal, 2009, 702, 1604-1614.	1.6	170
192	A Model for the Stray-Light Contamination of the UVCS Instrument on SOHO. Solar Physics, 2010, 263, 275-291.	1.0	8
193	Nonlinear Excitation of Fast Waves by Dispersive Alfvén Waves and Solar Coronal Heating. Solar Physics, 2010, 267, 141-151.	1.0	4
194	Turbulence in the Solar Atmosphere andÂSolar Wind. Space Science Reviews, 2010, 156, 135-238.	3.7	56
195	MHD waves in the solar north polar coronal hole. Astronomische Nachrichten, 2010, 331, 716-724.	0.6	2
196	Hybrid model of inhomogeneous solar wind plasma heating by Alfv \tilde{A} ©n wave spectrum: Parametric studies. Journal of Geophysical Research, 2010, 115, .	3.3	28
197	Energy Levels and Observed Spectral Lines of Ionized Argon, Arll through ArXVIII. Journal of Physical and Chemical Reference Data, 2010, 39, .	1.9	85
198	PHYSICAL CONDITIONS IN A CORONAL MASS EJECTION FROM <i>HINODE</i> , <i>STEREO</i> , <and<i>SOHOOBSERVATIONS. Astrophysical Journal, 2010, 711, 75-98.</and<i>	1.6	81

#	Article	IF	CITATIONS
199	Effects of heavy ion temperature on low-frequency kinetic Alfvén waves. Physics of Plasmas, 2011, 18, .	0.7	2
200	MULTI-FLUID MODEL OF A STREAMER AT SOLAR MINIMUM AND COMPARISON WITH OBSERVATIONS. Astrophysical Journal, 2011, 734, 30.	1.6	16
201	TRANSITION REGION EMISSION FROM SOLAR FLARES DURING THE IMPULSIVE PHASE. Astrophysical Journal, 2011, 735, 70.	1.6	9
202	KINETIC ALFVÉN WAVES EXCITED BY OBLIQUE MAGNETOHYDRODYNAMIC ALFVÉN WAVES IN CORONAL HOLES. Astrophysical Journal, 2011, 735, 114.	1.6	27
203	A Review on Solar Wind Modeling: Kinetic and Fluid Aspects. Surveys in Geophysics, 2011, 32, 1-70.	2.1	60
204	Morphology, dynamics and plasma parameters of plumes and inter-plume regions in solar coronal holes. Astronomy and Astrophysics Review, 2011, 19, 1.	9.1	60
205	Heavy ion reflection and heating by collisionless shocks in polar solar corona. Planetary and Space Science, 2011, 59, 468-474.	0.9	24
206	Interpretation of the coronal magnetic field configuration of the Sun. Research in Astronomy and Astrophysics, 2012, 12, 1693-1700.	0.7	3
207	HEAVY ION HEATING DUE TO INTERACTIONS WITH OUTWARD AND INWARD ALFVÉN WAVE PACKETS. Astrophysical Journal, 2012, 751, 146.	1.6	3
208	UVCS Observations of Temperature and Velocity Profiles in Coronal Holes. Space Science Reviews, 2012, 172, 5-22.	3.7	22
209	Ion Heating and Acceleration During Magnetic Reconnection Relevant to the Corona. Space Science Reviews, 2012, 172, 227-240.	3.7	33
210	Solar wind alpha particles and heavy ions in the inner heliosphere observed with MESSENGER. Journal of Geophysical Research, 2012, 117, .	3.3	54
211	Turbulent Transport and Heating of Trace Heavy Ions in Hot Magnetized Plasmas. Physical Review Letters, 2012, 109, 185003.	2.9	11
212	CHARGE STATE EVOLUTION IN THE SOLAR WIND. II. PLASMA CHARGE STATE COMPOSITION IN THE INNER CORONA AND ACCELERATING FAST SOLAR WIND. Astrophysical Journal, 2012, 761, 48.	1.6	50
213	Spectropolarimetric signatures of anisotropic velocity distributions of optically thin coronal UV lines. Astronomy and Astrophysics, 2012, 543, A158.	2.1	8
214	PROTON, ELECTRON, AND ION HEATING IN THE FAST SOLAR WIND FROM NONLINEAR COUPLING BETWEEN ALFVÉNIC AND FAST-MODE TURBULENCE. Astrophysical Journal, 2012, 754, 92.	1.6	60
215	Heating heavy ions in the polar corona by collisionless shocks: A one-dimensional simulation. Advances in Space Research, 2012, 49, 408-415.	1.2	2
216	Probing the Fundamental Physics of the Solar Corona with Lunar Solar Occultation Observations. Solar Physics, 2013, 285, 9-24.	1.0	21

#	Article	IF	Citations
217	Solar Orbiter. Solar Physics, 2013, 285, 25-70.	1.0	391
218	Collisional and Radiative Processes in Optically Thin Plasmas. Space Science Reviews, 2013, 178, 271-306.	3.7	23
219	On the possibility of spontaneous generation of turbulent Alfv $\tilde{\mathbb{A}}$ \mathbb{Q} n waves in solar plasma by heavy ions. Physics of Plasmas, 2013, 20, .	0.7	15
220	Properties of Ion-Cyclotron Waves in the Open Solar Corona. Solar Physics, 2013, 282, 133-146.	1.0	2
221	Physical Process for the Pick-Up of Minor lons by Low-Frequency Alfvén Waves. Chinese Physics Letters, 2013, 30, 055201.	1.3	2
222	OBSERVATIONS AND MODELS OF SLOW SOLAR WIND WITH Mg ^{9 +} IONS IN QUIESCENT STREAMERS. Astrophysical Journal, 2013, 762, 18.	1.6	10
223	Space Weather and the Changing Sun. Geophysical Monograph Series, 0, , 91-99.	0.1	1
224	Twoâ€dimensional hybrid models of H ⁺ â€He ⁺⁺ expanding solar wind plasma heating. Journal of Geophysical Research: Space Physics, 2014, 119, 4223-4238.	0.8	24
225	Ion temperature in plasmas with intrinsic Alfven waves. Physics of Plasmas, 2014, 21, 104507.	0.7	3
226	The onset of ion heating during magnetic reconnection with a strong guide field. Physics of Plasmas, 2014, 21, .	0.7	31
227	Preferential acceleration of heavy ions in the reconnection outflow region. Astronomy and Astrophysics, 2014, 562, A58.	2.1	14
228	Compound Effect of Alfvén Waves and Ion-Cyclotron Waves on Heating/Acceleration of Minor Ions via the Pickup Process. Solar Physics, 2014, 289, 3895-3916.	1.0	6
229	Tracking Solar Active Region Outflow Plasma from Its Source to the Near-Earth Environment. Solar Physics, 2014, 289, 3799-3816.	1.0	38
230	Resonant ion acceleration by plasma jets: Effects of jet breaking and the magnetic-field curvature. Physical Review E, 2015, 91, 053104.	0.8	8
231	Relative drifts and temperature anisotropies of protons and $\langle i \rangle \hat{l} \pm \langle i \rangle$ particles in the expanding solar wind: 2.5D hybrid simulations. Astronomy and Astrophysics, 2015, 578, A85.	2.1	29
232	Three-dimensional multi-fluid model of a coronal streamer belt with a tilted magnetic dipole. Annales Geophysicae, 2015, 33, 47-53.	0.6	5
233	Full-Sun observations for identifying the source of the slow solar wind. Nature Communications, 2015, 6, 5947.	5.8	115
234	Chaotic Charged Particle Motion and Acceleration in Reconnected Current Sheet. Solar Physics, 2015, 290, 787-810.	1.0	3

#	ARTICLE	IF	CITATIONS
235	Coronal turbulence and the angular broadening of radio sources – the role of the structure function. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3486-3497.	1.6	14
236	The role of turbulence in coronal heating and solar wind expansion. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140148.	1.6	77
237	Evolution of active region outflows throughout an active region lifetime. Astronomy and Astrophysics, 2016, 594, A40.	2.1	15
238	Hot prominence detected in the core of a coronal mass ejection: Analysis of SOHO/UVCS L <i>\hat{l}±</i> and SOHO/LASCO visible-light observations. Astronomy and Astrophysics, 2016, 589, A128.	2.1	24
239	An equatorial solar wind model with angular momentum conservation and nonradial magnetic fields and flow velocities at an inner boundary. Journal of Geophysical Research: Space Physics, 2016, 121, 4966-4984.	0.8	14
240	Slow Solar Wind: Observations and Modeling. Space Science Reviews, 2016, 201, 55-108.	3.7	147
241	The Physics and Diagnostic Potential of Ultraviolet Spectropolarimetry. Space Science Reviews, 2017, 210, 183-226.	3.7	32
242	Exploring the Inner Acceleration Region of Solar Wind: A Study Based on Coronagraphic UV and Visible Light Data. Astrophysical Journal, 2017, 846, 86.	1.6	30
243	Investigating the behaviour of neutral hydrogen Ly <i>$\hat{l}\pm$ spectral line width in polar coronal holes at solar minimum. Astronomy and Astrophysics, 2017, 603, A35.</i>	2.1	6
244	Time-dependent Ionization in a Steady Flow in an MHD Model of the Solar Corona and Wind. Astrophysical Journal, 2017, 850, 26.	1.6	15
245	Spatial Offsets in Flare-CME Current Sheets. Astrophysical Journal, 2017, 843, 121.	1.6	2
246	A new model for heating of the Solar North Polar Coronal Hole. Monthly Notices of the Royal Astronomical Society, 2017, 467, 133-144.	1.6	3
247	Ion–Ion Equilibration and Particle Distributions in a 3000 km s ^{â^'1} Shock in SN 1006. Astrophysical Journal, 2017, 851, 12.	1.6	15
248	A Generalized Equatorial Model for the Accelerating Solar Wind. Journal of Geophysical Research: Space Physics, 2018, 123, 1061-1085.	0.8	9
249	Comet C/2011 W3 (Lovejoy) between 2 and 10 Solar Radii: Physical Parameters of the Comet and the Corona. Astrophysical Journal, 2018, 858, 19.	1.6	12
250	In Situ Observations of Harmonic Alfvén Waves and Associated Heavy Ion Heating. Astrophysical Journal, 2018, 859, 120.	1.6	24
251	Turbulent heating in an inhomogeneous magnetized plasma slab. Journal of Plasma Physics, 2018, 84, .	0.7	3
252	On the Fast Solar Wind Heating and Acceleration Processes: A Statistical Study Based on the UVCS Survey Data. Astrophysical Journal Letters, 2019, 881, L36.	3.0	12

#	Article	IF	CITATIONS
253	Element Abundances: A New Diagnostic for the Solar Wind. Astrophysical Journal, 2019, 879, 124.	1.6	62
254	Effect of the non-uniform solar chromospheric Ly <i>α</i> radiation on determining the coronal Hâ€I outflow velocity. Astronomy and Astrophysics, 2019, 627, A18.	2.1	8
255	UV core dimming in coronal streamer belt and the projection effects. Astronomy and Astrophysics, 2019, 623, A95.	2.1	2
256	Probing Coronal Magnetic Fields with Sungrazing Comets: H i Lyl± from Pickup Ions. Astrophysical Journal, 2019, 887, 45.	1.6	2
257	Diagnosing solar wind origins using <i>in situ </i> in situ in situ in the inner heliosphere. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1706-1714.	1.6	48
258	The Solar Orbiter mission. Astronomy and Astrophysics, 2020, 642, A1.	2.1	514
259	Global helium abundance measurements in the solar corona. Nature Astronomy, 2020, 4, 1134-1139.	4.2	25
260	Observations of the Solar Corona from Space. Space Science Reviews, 2020, 216, 1.	3.7	19
261	First In Situ Measurements of Electron Density and Temperature from Quasi-thermal Noise Spectroscopy with Parker Solar Probe/FIELDS. Astrophysical Journal, Supplement Series, 2020, 246, 44.	3.0	106
262	Ion-scale Electromagnetic Waves in the Inner Heliosphere. Astrophysical Journal, Supplement Series, 2020, 246, 66.	3.0	67
264	Simulating the Solar Minimum Corona in UV Wavelengths with Forward Modeling II. Doppler Dimming and Microscopic Anisotropy Effect. Astrophysical Journal, 2021, 912, 141.	1.6	11
265	First light observations of the solar wind in the outer corona with the Metis coronagraph. Astronomy and Astrophysics, 2021, 656, A32.	2.1	32
266	Combining white light and UV Lyman- $\langle i \rangle \hat{l} \pm \langle i \rangle$ coronagraphic images to determine the solar wind speed. Astronomy and Astrophysics, 2021, 654, A58.	2.1	11
267	Turbulent Generation of Magnetic Switchbacks in the Alfvénic Solar Wind. Astrophysical Journal, 2021, 915, 52.	1.6	43
268	The effects of inhomogeneous protonâ€ <i>α</i> drifts on the heating of the solar wind. Journal of Geophysical Research: Space Physics, 2017, 122, 5839-5855.	0.8	13
269	Eight Years of Soho: Some Highlights. , 2005, , 139-166.		1
270	Coronal Heating and Reduced MHD., 2003,, 28-55.		11
271	Waves and Turbulence in the Solar Corona. Astrophysics and Space Science Library, 2004, , 283-317.	1.0	3

#	Article	IF	Citations
272	Elemental Abundances in the Solar Corona. Astrophysics and Space Science Library, 2004, , 353-371.	1.0	5
273	Early solar space research., 2001,, 203-223.		4
274	A history of the solar wind concept. , 2001, , 225-255.		13
275	Heating The Solar Corona By Magnetic Reconnection. , 1999, , 77-100.		2
276	Elemental Abundances in Coronal Structures. Space Sciences Series of ISSI, 1998, , 283-289.	0.0	6
277	O5+ in High Speed Solar Wind Streams: SWICS/Ulysses Results. Space Sciences Series of ISSI, 1998, , 387-396.	0.0	6
278	Element and Isotopic Fractionation in Closed Magnetic Structures. Space Sciences Series of ISSI, 1998, , 397-406.	0.0	10
279	Composition Aspects of the Upper Solar Atmosphere. Space Sciences Series of ISSI, 1998, , 407-418.	0.0	6
280	The Solar Origin of Corotating Interaction Regions and their Formation in the Inner Heliosphere. Space Sciences Series of ISSI, 1999, , 141-178.	0.0	4
281	Testing spectropolarimetry in the extreme ultraviolet to infer the solar coronal magnetic field. Astronomy and Astrophysics, 2012, 545, A52.	2.1	5
282	A SOHO/UVCS study of coronal outflows at the edge of an active region complex. Astronomy and Astrophysics, 2012, 545, A8.	2.1	8
283	Doppler-shift oscillations in the H i Ly <i>α</i> coronal emission line: spectroscopic signature of propagating kink waves?. Astronomy and Astrophysics, 2015, 573, A33.	2.1	7
284	Visible light and ultraviolet observations of coronal structures: physical properties of an equatorial streamer and modelling of the F corona. Astronomy and Astrophysics, 2015, 577, A34.	2.1	15
285	Mapping the coronal hydrogen temperature in view of the forthcoming coronagraph observations by Solar Orbiter. Astronomy and Astrophysics, 2016, 592, A137.	2.1	16
286	Metis: the Solar Orbiter visible light and ultraviolet coronal imager. Astronomy and Astrophysics, 2020, 642, A10.	2.1	115
287	Contribution of polar plumes to fast solar wind. Astronomy and Astrophysics, 2020, 643, A104.	2.1	3
288	Plasma properties above coronal active regions inferred from SOHO/UVCS and radio spectrograph observations. Astronomy and Astrophysics, 2003, 400, 347-353.	2.1	35
289	Determination of theÂ3D structure of anÂEUV-filament observed by SoHO/CDS, SoHO/SUMER and VIT/MSDP. Astronomy and Astrophysics, 2004, 421, 323-338.	2.1	32

#	Article	IF	Citations
290	Shock wave driven by an expanding system of loops. Astronomy and Astrophysics, 2004, 424, 1039-1048.	2.1	14
291	UVCS/SOHO investigation of the interface between streamers and coronal holes. Astronomy and Astrophysics, 2005, 429, 353-360.	2.1	7
292	Effect of the electron density stratification on off-limb O VI line profiles: How large is the velocity distribution anisotropy inÂtheÂsolarÂcorona?. Astronomy and Astrophysics, 2004, 427, 725-733.	2.1	29
293	Streamers and adjacent regions observed by UVCS/SOHO: A comparison between different phases of solar activity. Astronomy and Astrophysics, 2005, 430, 701-712.	2.1	9
294	An information-theoretical methodology for profile parameter estimation of solar coronal spectra. Astronomy and Astrophysics, 2006, 455, 1081-1089.	2.1	2
295	Ultraviolet and Optical Observations of a Coronal Transient withSOHO. Astrophysical Journal, 1999, 510, 1053-1063 Extremea€Ultraviolet Spectral Line Widths in Quietâ€Sun Coronal Plasmas at Distances of	1.6	14
296	documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} ewcommandcyr{ enewcommandmdefault{wncyr} enewcommandsfdefault{wncyss} enewcommandencodingdefault{OT2} ormalfont selectfont}		

#	Article	IF	CITATIONS
308	Heating Rates for Protons and Electrons in Polar Coronal Holes: Empirical Constraints from the Ultraviolet Coronagraph Spectrometer. Astrophysical Journal, 2020, 900, 105.	1.6	19
309	First observations from the SPICE EUV spectrometer on Solar Orbiter. Astronomy and Astrophysics, 2021, 656, A38.	2.1	8
310	Linking the Sun to the Heliosphere Using Composition Data and Modelling. Space Science Reviews, 2021, 217, .	3.7	11
311	Ion Cyclotron Waves, Instabilities and Solar Wind Heating. , 2000, , 485-497.		2
313	Highlights from SOHO and Future Space Missions. Astrophysics and Space Science Library, 2001, , 1-41.	1.0	0
314	The solar coronal plasma motions and the solar cycle. Astronomical and Astrophysical Transactions, 2001, 20, 571-574.	0.2	0
315	UV line intensity and flow velocity distributions in two coronal mass ejections as deduced by UVCS-SOHO observations. Astronomy and Astrophysics, 2002, 395, 975-975.	2.1	1
316	Wave Heating and Acceleration of the Fast Solar Wind. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2003, , 349-365.	0.1	0
317	The Influence of the Chromosphere-Corona Coupling on Solar Wind and Heliospheric Parameters. Astrophysics and Space Science Library, 2004, , 319-352.	1.0	0
318	Wind in the Solar Corona: Dynamics and Composition. Space Sciences Series of ISSI, 2007, , 35-50.	0.0	0
319	4.1.1.5 Solar transition region and quiet corona. Landolt-Bâ^šâ^,rnstein - Group VI Astronomy and Astrophysics, 2009, , 87-102.	0.1	0
320	2.3 Solar short-wavelength telescopes and spectrometers on space missions. Landolt-Bâ^šâ^,rnstein - Group VI Astronomy and Astrophysics, 2010, , 226-241.	0.1	0
321	UVCS Observations of Temperature and Velocity Profiles in Coronal Holes. Space Sciences Series of ISSI, 2011, , 5-22.	0.0	0
322	Ion Heating and Acceleration During Magnetic Reconnection Relevant to the Corona. Space Sciences Series of ISSI, 2012, , 227-240.	0.0	0
323	UVCS/SOHO: The First Two Years. Space Sciences Series of ISSI, 1998, , 341-348.	0.0	0
324	The Expansion of Coronal Plumes in the Fast Solar Wind. Space Sciences Series of ISSI, 1998, , 349-356.	0.0	3
325	Fractionation of SI, NE, and MC Isotopes in the Solar Wind as Measured by SOHO/CELIAS/MTOF. Space Sciences Series of ISSI, 1998, , 357-370.	0.0	9
326	Structure of the Solar Wind and Compositional Variations. Space Sciences Series of ISSI, 1998, , 291-302.	0.0	6

#	Article	IF	Citations
327	Solar Wind Models from the Sun to 1 AU: Constraints by in Situ and Remote Sensing Measurements. , 1999, , 1-24.		2
328	Cyclotron Heating of the Solar Corona. , 1999, , 63-76.		2
329	The Darkest Regions Of Solar Polar Coronal Holes Observed By Sumer On Soho. , 1999, , 43-52.		3
330	Coronal OÂVI emission observed with UVCS/SOHO during solar flares: Comparison with soft X-ray observations. Astronomy and Astrophysics, 2016, 591, A4.	2.1	2
331	The Physics and Diagnostic Potential of Ultraviolet Spectropolarimetry. Space Sciences Series of ISSI, 2017, , 183-226.	0.0	1
332	KAWs in Solar Atmosphere Heating. Atmosphere, Earth, Ocean & Space, 2020, , 221-298.	0.4	0
334	Empirical relations between the intensities of Lyman lines of H and He ⁺ . Astronomy and Astrophysics, 2022, 657, A86.	2.1	1
335	Modeling Ion Beams, Kinetic Instabilities, and Waves Observed by the Parker Solar Probe near Perihelia. Astrophysical Journal, 2022, 926, 185.	1.6	7
336	High-frequency heating of the solar wind triggered by low-frequency turbulence. Nature Astronomy, 2022, 6, 715-723.	4.2	41
337	HiRISE - High-Resolution Imaging and Spectroscopy Explorer - Ultrahigh resolution, interferometric and external occulting coronagraphic science. Experimental Astronomy, 0 , 1 .	1.6	1
338	Synthetic Lyman- $\langle i \rangle \hat{l} \pm \langle i \rangle$ emissions for the coronagraph aboard the ASO-S mission. Astronomy and Astrophysics, 2022, 665, A39.	2.1	2
339	Five Solar Cycles of Solar Corona Investigations. Solar Physics, 2022, 297, .	1.0	1
340	Dropouts of Fully Stripped Ions in the Solar Wind: A Diagnostic for Wave Heating versus Reconnection. Astrophysical Journal, 2022, 936, 175.	1.6	3
341	<i>InÂSitu</i> Signature of Cyclotron Resonant Heating in the Solar Wind. Physical Review Letters, 2022, 129, .	2.9	21
342	Space Plasma Physics: A Review. IEEE Transactions on Plasma Science, 2023, 51, 1595-1655.	0.6	8
343	Deciphering the birth region, formation, and evolution of ambient and transient solar wind using heavy ion observations. Frontiers in Astronomy and Space Sciences, 0, 9, .	1.1	3
344	First polar observations of the fast solar wind with the Metis $\hat{a}\in$ Solar Orbiter coronagraph: Role of 2D turbulence energy dissipation in the wind acceleration. Astronomy and Astrophysics, 2023, 670, L18.	2.1	5
345	Slow wind belt in the quiet solar corona. Physics of Plasmas, 2023, 30, .	0.7	8

#	Article	lF	CITATIONS
346	Beyond the disk: EUV coronagraphic observations of the Extreme Ultraviolet Imager on board Solar Orbiter. Astronomy and Astrophysics, 2023, 674, A127.	2.1	3