N V Pogorelov

List of Publications by Year
in descending order

140 papers	5,966 citations	87401 40 h-index	87275 74 g-index
141 all docs	141 docs citations	141 times ranked	2086 citing authors

#	Article	IF	Citations
1	Probabilities of ion scattering at the shock front. Journal of Plasma Physics, 2022, 88, .	0.7	0
2	Interstellar Neutrals, Pickup Ions, and Energetic Neutral Atoms Throughout the Heliosphere: Present Theory and Modeling Overview. Space Science Reviews, 2022, 218, 1.	3.7	13
3	In Situ Observations of Interstellar Pickup Ions from 1 au to the Outer Heliosphere. Space Science Reviews, 2022, 218, 28.	3.7	14
4	Shocks in the Very Local Interstellar Medium. Space Science Reviews, 2022, 218, 27.	3.7	13
5	The Structure of the Large-Scale Heliosphere as Seen by Current Models. Space Science Reviews, 2022, 218, .	3.7	23
6	Ensemble Simulations of the 2012 July 12 Coronal Mass Ejection with the Constant-turn Flux Rope Model. Astrophysical Journal, 2022, 933, 123.	1.6	10
7	Bulk Properties of Pickup Ions Derived from the Ulysses Solar Wind Ion Composition Spectrometer Data. Astrophysical Journal, 2022, 933, 124.	1.6	1
8	Waves and Turbulence in the Very Local Interstellar Medium: From Macroscales to Microscales. Astrophysical Journal, 2021, 906, 75.	1.6	17
9	Backstreaming Pickup Ions. Astrophysical Journal, 2021, 910, 107.	1.6	9
10	Boundary Conditions at the Heliospheric Termination Shock with Pickup Ions. Astrophysical Journal, 2021, 916, 57.	1.6	8
11	Magnetic Field Draping of the Heliopause and Its Consequences for Radio Emission in the Very Local Interstellar Medium. Astrophysical Journal Letters, 2021, 917, L20.	3.0	15
12	Origin of the Weak Plasma Emission Line Detected by Voyager 1 in the Interstellar Medium: Evidence for Suprathermal Electrons. Astrophysical Journal, 2021, 921, 62.	1.6	10
13	Transport of Interstellar Neutral Helium throughout the Heliosphere. Astrophysical Journal Letters, 2021, 921, L24.	3.0	13
14	Signatures of Intermittency and Fine-scale Turbulence in the Very Local Interstellar Medium. Astrophysical Journal Letters, 2020, 897, L28.	3.0	16
15	A data-driven MHD model of the weakly-ionized chromosphere. Journal of Physics: Conference Series, 2020, 1620, 012026.	0.3	1
16	Application of a Modified Spheromak Model to Simulations of Coronal Mass Ejection in the Inner Heliosphere. Space Weather, 2020, 18, e2019SW002405.	1.3	11
17	A Modified Spheromak Model Suitable for Coronal Mass Ejection Simulations. Astrophysical Journal, 2020, 894, 49.	1.6	13
18	Response of Pickup Ions in the Very Local Interstellar Medium to Solar Variations: Implications for the Evolution of the IBEX Ribbon and Interstellar Helium. Astrophysical Journal, 2020, 891, 56.	1.6	10

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19	Heliospheric Structure as Revealed by the 3â€“88 keV H ENA Spectra. Astrophysical Journal, 2020, 888, 1.	1.6	8
20	The Original Anisotropy of TeV Cosmic Rays in the Local Interstellar Medium. Astrophysical Journal, 2020, 889, 97.	1.6	14
21	The Heliospheric Current Sheet in the Inner Heliosphere Observed by the Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 47.	3.0	50
22	Predicting the Solar Wind at the Parker Solar Probe Using an Empirically Driven MHD Model. Astrophysical Journal, Supplement Series, 2020, 246, 40.	3.0	14
23	Rankineâ€“Hugoniot Relations Including Pickup Ions. Astrophysical Journal, 2020, 889, 116.	1.6	9
24	Modulation of Galactic Cosmic Rays by Plasma Disturbances Propagating Through the Local Interstellar Medium in the Outer Heliosheath. Astrophysical Journal, 2020, 895, 1.	1.6	14
25	Effects of Cowling Resistivity in the Weakly Ionized Chromosphere. Astrophysical Journal Letters, 2020, 899, L4.	3.0	9
26	On the Anisotropy of Galactic Cosmic Rays. Astrophysical Journal, 2019, 879, 29.	1.6	2
27	Pickup Ions beyond the Heliopause. Astrophysical Journal, 2019, 881, 65.	1.6	11
28	The structure of magnetic turbulence in the heliosheath region observed by Voyager 2 at 106 AU. Journal of Physics: Conference Series, 2019, 1225, 012006.	0.3	4
29	The Effect of Suprathermal Protons in the Heliosheath on the Global Structure of the Heliosphere and Heliotail. Astrophysical Journal, 2019, 874, 76.	1.6	25
30	Simulating Solar Coronal Mass Ejections Constrained by Observations of Their Speed and Poloidal Flux. Astrophysical Journal Letters, 2019, 875, L17.	3.0	12
31	Temporal Evolution of the Latitude and Energy Dependence of the Energetic Neutral Atom Spectral Indices Measured by the Interstellar Boundary Explorer (IBEX) Over the First Nine Years. Astrophysical Journal, 2019, 875, 91.	1.6	12
32	Determination of Plasma, Pickup Ion, and Suprathermal Particle Spectrum in the Solar Wind Frame of Reference. Astrophysical Journal, 2019, 871, 60.	1.6	6
33	Magnetic Turbulence Spectra and Intermittency in the Heliosheath and in the Local Interstellar Medium. Astrophysical Journal, 2019, 872, 40.	1.6	40
34	AlfvÃ©nic velocity spikes and rotational flows in the near-Sun solar wind. Nature, 2019, 576, 228-231.	13.7	311
35	Simulation of the Solar Wind Dynamic Pressure Increase in 2014 and Its Effect on Energetic Neutral Atom Fluxes from the Heliosphere. Astrophysical Journal, 2018, 859, 104.	1.6	34
36	A Data-constrained Model for Coronal Mass Ejections Using the Graduated Cylindrical Shell Method. Astrophysical Journal, 2018, 864, 18.	1.6	23

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37	Structure of the Heliotail from Interstellar Boundary Explorer Observations: Implications for the 11-year Solar Cycle and Pickup Ions in the Heliosheath. Astrophysical Journal, 2017, 836, 238.	1.6	59
38	TeV Cosmic-Ray Anisotropy from the Magnetic Field at the Heliospheric Boundary. Astrophysical Journal, 2017, 842, 54.	1.6	6
39	The aurorae of Uranus past equinox. Journal of Geophysical Research: Space Physics, 2017, 122, 3997-4008.	0.8	24
40	Three-dimensional Features of the Outer Heliosphere Due to Coupling between the Interstellar and Heliospheric Magnetic Field. V. The Bow Wave, Heliospheric Boundary Layer, Instabilities, and Magnetic Reconnection. Astrophysical Journal, 2017, 845, 9.	1.6	65
41	Modeling Shocks Detected by Voyager 1 in the Local Interstellar Medium. Astrophysical Journal Letters, 2017, 843, L32.	3.0	41
42	Heliosheath Processes and the Structure of the Heliopause: Modeling Energetic Particles, Cosmic Rays, and Magnetic Fields. Space Science Reviews, 2017, 212, 193-248.	3.7	57
43	Modeling Coronal Mass Ejections with the Multi-Scale Fluid-Kinetic Simulation Suite. Journal of Physics: Conference Series, 2017, 837, 012014.	0.3	7
44	A data-driven MHD model of the global solar corona within Multi-Scale Fluid-Kinetic Simulation Suite (MS-FLUKSS). Journal of Physics: Conference Series, 2017, 837, 012015.	0.3	14
45	LATITUDE, ENERGY, AND TIME VARIATIONS IN THE ENERGETIC NEUTRAL ATOM SPECTRAL INDICES MEASURED BY THE INTERSTELLAR BOUNDARY EXPLORER (IBEX). Astrophysical Journal, 2016, 832, 116.	1.6	7
46	The Heliotail: Theory and Modeling. Journal of Physics: Conference Series, 2016, 719, 012013.	0.3	10
47	The Heliosphere as Seen in TeV Cosmic Rays. Journal of Physics: Conference Series, 2016, 767, 012027.	0.3	9
48	Pickup Ion Effect of the Solar Wind Interaction with the Local Interstellar Medium. Journal of Physics: Conference Series, 2016, 767, 012020.	0.3	21
49	An Empirically Driven Time-Dependent Model of the Solar Wind. Journal of Physics: Conference Series, 2016, 719, 012012.	0.3	25
50	A NUMERICAL SIMULATION OF COSMIC RAY MODULATION NEAR THE HELIOPAUSE. II. SOME PHYSICAL INSIGHTS. Astrophysical Journal, 2016, 826, 182.	1.6	19
51	MODELING THE SOLAR WIND AT THE ULYSSES, VOYAGER, AND NEW HORIZONS SPACECRAFT. Astrophysical Journal, 2016, 832, 72.	1.6	23
52	Solar Wind Electrons Alphas and Protons (SWEAP) Investigation: Design of the Solar Wind and Coronal Plasma Instrument Suite for Solar Probe Plus. Space Science Reviews, 2016, 204, 131-186.	3.7	439
53	LOCAL INTERSTELLAR MAGNETIC FIELD DETERMINED FROM THE INTERSTELLAR BOUNDARY EXPLORER RIBBON. Astrophysical Journal Letters, 2016, 818, L18.	3.0	153
54	NEUTRAL ATOM PROPERTIES IN THE DIRECTION OF THE IBEX RIBBON. Astrophysical Journal, 2016, 831, 137.	1.6	23

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55	THE HELIOTAIL. Astrophysical Journal Letters, 2015, 812, L6.	3.0	62
56	Transient shocks beyond the heliopause. Journal of Physics: Conference Series, 2015, 642, 012008.	0.3	14
57	Modeling solar wind with boundary conditions from interplanetary scintillations. Journal of Physics: Conference Series, 2015, 642, 012016.	0.3	8
58	Î²â€distributed protons in the solar wind and their chargeâ€exchange coupling to energetic hydrogen. Journal of Geophysical Research: Space Physics, 2015, 120, 1516-1525.	0.8	34
59	SIMULATIONS OF A DYNAMIC SOLAR CYCLE AND ITS EFFECTS ON THEINTERSTELLAR BOUNDARY EXPLORERRIBBON AND GLOBALLY DISTRIBUTED ENERGETIC NEUTRAL ATOM FLUX. Astrophysical Journal, 2015, 804, 5.	1.6	35
60	LATITUDINAL AND ENERGY DEPENDENCE OF ENERGETIC NEUTRAL ATOM SPECTRAL INDICES MEASURED BY THEINTERSTELLAR BOUNDARY EXPLORER. Astrophysical Journal, 2015, 802, 100.	1.6	10
61	A NUMERICAL SIMULATION OF COSMIC-RAY MODULATION NEAR THE HELIOPAUSE. Astrophysical Journal, 2015, 808, 82.	1.6	31
62	Where is the cosmic-ray modulation boundary of the heliosphere?. Physics of Plasmas, 2015, 22, .	0.7	26
63	MS-FLUKSS and Its Application to Modeling Flows of Partially Ionized Plasma in the Heliosphere. , 2014, , .		10
64	THE EFFECT OF NEW INTERSTELLAR MEDIUM PARAMETERS ON THE HELIOSPHERE AND ENERGETIC NEUTRAL ATOMS FROM THE INTERSTELLAR BOUNDARY. Astrophysical Journal, 2014, 784, 73.	1.6	87
65	ENERGETIC NEUTRAL ATOMS MEASURED BY THEINTERSTELLAR BOUNDARY EXPLORER(IBEX): EVIDENCE FOR MULTIPLE HELIOSHEATH POPULATIONS. Astrophysical Journal, 2014, 780, 98.	1.6	49
66	VOYAGER 1 NEAR THE HELIOPAUSE. Astrophysical Journal Letters, 2014, 783, L16.	3.0	62
67	HELIOSPHERIC INFLUENCE ON THE ANISOTROPY OF TeV COSMIC RAYS. Astrophysical Journal, 2014, 790, 5.	1.6	40
68	CHARGE-EXCHANGE COUPLING BETWEEN PICKUP IONS ACROSS THE HELIOPAUSE AND ITS EFFECT ON ENERGETIC NEUTRAL HYDROGEN FLUX. Astrophysical Journal, 2014, 783, 129.	1.6	57
69	MHD heliosphere with boundary conditions from a tomographic reconstruction using interplanetary scintillation data. Journal of Geophysical Research: Space Physics, 2014, 119, 7981-7997.	0.8	26
70	Galactic Cosmic Rays in the Outer Heliosphere: TheoryÂandÂModels. Space Science Reviews, 2013, 176, 147-163.	3.7	16
71	Connection of the solar wind with the interstellar medium through numerical modeling. , 2013, , .		0
72	Unsteady processes in the vicinity of the heliopause: Are we in the LISM yet?. , 2013, , .		1

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73	THE SOLAR WIND AS A POSSIBLE SOURCE OF FAST TEMPORAL VARIATIONS OF THE HELIOSPHERIC RIBBON. Astrophysical Journal, 2013, 776, 109.	1.6	18
74	HEMISPHERIC ASYMMETRIES IN THE POLAR SOLAR WIND OBSERVED BYULYSSESNEAR THE MINIMA OF SOLAR CYCLES 22 AND 23. Astrophysical Journal, 2013, 768, 160.	1.6	13
75	THREE-DIMENSIONAL FEATURES OF THE OUTER HELIOSPHERE DUE TO COUPLING BETWEEN THE INTERSTELLAR AND INTERPLANETARY MAGNETIC FIELDS. IV. SOLAR CYCLE MODEL BASED ONULYSSESOBSERVATIONS. Astrophysical Journal, 2013, 772, 2.	1.6	93
76	HELIOSPHERIC STRUCTURE: THE BOW WAVE AND THE HYDROGEN WALL. Astrophysical Journal, 2013, 763, 20.	1.6	154
77	GALACTIC COSMIC-RAY MODULATION IN A REALISTIC GLOBAL MAGNETOHYDRODYNAMIC HELIOSPHERE. Astrophysical Journal, 2013, 764, 85.	1.6	23
78	Numerical modeling of the solar wind flow with observational boundary conditions. , 2012, , .		2
79	TRAJECTORIES AND DISTRIBUTION OF INTERSTELLAR DUST GRAINS IN THE HELIOSPHERE. Astrophysical Journal, 2012, 760, 46.	1.6	33
80	SPECTRAL PROPERTIES OF âˆ¼0.5-6 keV ENERGETIC NEUTRAL ATOMS MEASURED BY THE INTERSTELLAR BOUNDARY EXPLORER (IBEX) ALONG THE LINES OF SIGHT OF VOYAGER. Astrophysical Journal Letters, 2012, 749, L30.	3.0	30
81	RADIAL VELOCITY ALONG THE VOYAGER 1 TRAJECTORY: THE EFFECT OF SOLAR CYCLE. Astrophysical Journal Letters, 2012, 750, L4.	3.0	36
82	The Heliosphereâ€™s Interstellar Interaction: No Bow Shock. Science, 2012, 336, 1291-1293.	6.0	226
83	Numerical simulations of primary and secondary hydrogen ENA fluxes at 1 AU. AIP Conference Proceedings, 2012, , .	0.3	1
84	SOLAR ROTATION EFFECTS ON THE HELIOSHEATH FLOW NEAR SOLAR MINIMA. Astrophysical Journal, 2012, 750, 42.	1.6	31
85	SELF-CONSISTENT MODEL OF THE INTERSTELLAR PICKUP PROTONS, ALFVÃ‰NIC TURBULENCE, AND CORE SOLAR WIND IN THE OUTER HELIOSPHERE. Astrophysical Journal, 2012, 757, 74.	1.6	23
86	Numerical modeling of transient phenomena in the distant solar wind and in the heliosheath. , 2012, , .		2
87	AN ESTIMATE OF THE NEARBY INTERSTELLAR MAGNETIC FIELD USING NEUTRAL ATOMS. Astrophysical Journal, 2011, 738, 29.	1.6	78
88	INTERSTELLAR BOUNDARY EXPLORERMEASUREMENTS AND MAGNETIC FIELD IN THE VICINITY OF THE HELIOPAUSE. Astrophysical Journal, 2011, 742, 104.	1.6	61
89	COSMIC-RAY MODULATION BY THE GLOBAL MERGED INTERACTION REGION IN THE HELIOSHEATH. Astrophysical Journal, 2011, 730, 13.	1.6	23
90	PLASMA NEAR THE HELIOSHEATH: OBSERVATIONS AND MODELING. Astrophysical Journal Letters, 2011, 728, L21.	3.0	50

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91	Galactic Cosmic Rays in the Outer Heliosphere: Theory and Models. Space Sciences Series of ISSI, 2011, , 147-163.	0.0	0
92	MICROSTRUCTURE OF THE HELIOSPHERIC TERMINATION SHOCK: IMPLICATIONS FOR ENERGETIC NEUTRAL ATOM OBSERVATIONS. Astrophysical Journal, 2010, 708, 1092-1106.	1.6	161
93	CANIBEXIDENTIFY VARIATIONS IN THE GALACTIC ENVIRONMENT OF THE SUN USING ENERGETIC NEUTRAL ATOMS?. Astrophysical Journal, 2010, 719, 1984-1992.	1.6	16
94	PICK-UP IONS IN THE OUTER HELIOSHEATH: A POSSIBLE MECHANISM FOR THE INTERSTELLAR BOUNDARY EXplorer RIBBON. Astrophysical Journal Letters, 2010, 708, L126-L130.	3.0	212
95	Transient Phenomena in the Distant Solar Wind and in the Heliosheath. , 2010, , .		5
96	Hybrid Simulations for Pickup Ion Distributions at the Termination Shock. AIP Conference Proceedings, 2010, , .	0.3	2
97	Relating IBEX and Voyager Data through Global Modeling of the Heliospheric Interface. , 2010, , .		2
98	HELIOSPHERIC ASYMMETRIES AND 2-3 kHz RADIO EMISSION UNDER STRONG INTERSTELLAR MAGNETIC FIELD CONDITIONS. Astrophysical Journal, 2009, 695, L31-L34.	1.6	77
99	THREE-DIMENSIONAL FEATURES OF THE OUTER HELIOSPHERE DUE TO COUPLING BETWEEN THE INTERSTELLAR AND INTERPLANETARY MAGNETIC FIELDS. III. THE EFFECTS OF SOLAR ROTATION AND ACTIVITY CYCLE. Astrophysical Journal, 2009, 696, 1478-1490.	1.6	110
100	DETECTING NEUTRAL ATOMS FROM BEYOND THE HELIOPAUSE WITH INTERSTELLAR BOUNDARY EXPLORER. Astrophysical Journal, 2009, 695, L58-L61.	1.6	6
101	Comparison of Interstellar Boundary Explorer Observations with 3D Global Heliospheric Models. Science, 2009, 326, 966-968.	6.0	221
102	Global Observations of the Interstellar Interaction from the Interstellar Boundary Explorer (IBEX). Science, 2009, 326, 959-962.	6.0	461
103	Influence of the Interstellar Magnetic Field and Neutrals on the Shape of the Outer Heliosphere. Space Science Reviews, 2009, 143, 31-42.	3.7	43
104	The Dynamic Heliosphere: Outstanding Issues. Space Science Reviews, 2009, 143, 57-83.	3.7	12
105	Physics of the Solar Windâ€“Local Interstellar Medium Interaction: Role of Magnetic Fields. Space Science Reviews, 2009, 146, 295-327.	3.7	41
106	Heliospheric asymmetries due to the action of the interstellar magnetic field. Advances in Space Research, 2009, 44, 1337-1344.	1.2	21
107	FOUR-DIMENSIONAL TRANSPORT OF GALACTIC COSMIC RAYS IN THE OUTER HELIOSPHERE AND HELIOSHEATH. Astrophysical Journal, 2009, 701, 642-651.	1.6	71
108	MHD modeling of the outer heliosphere: Achievements and challenges. Advances in Space Research, 2008, 41, 306-317.	1.2	23

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109	Draping of the local interstellar magnetic field over the heliopause. Journal of Geophysical Research, 2008, 113, .	3.3	12
110	Implications of solar wind suprathermal tails for IBEX ENA images of the heliosheath. Journal of Geophysical Research, 2008, 113, .	3.3	67
111	Three-dimensional Modeling of Physical Processes in the Outer Heliosphere. AIP Conference Proceedings, 2008, , .	0.3	3
112	Interaction of a thin shock with turbulence. I. Effect on shock structure: Analytic model. Physics of Fluids, 2008, 20, .	1.6	7
113	Probing Heliospheric Asymmetries with an MHD-Kinetic model. Astrophysical Journal, 2008, 675, L41-L44.	1.6	99
114	Consequences of the Heliopause Instability Caused by Charge Exchange. Astrophysical Journal, 2008, 682, 1404-1415.	1.6	55
115	The Effects of a Î²â€Distribution in the Heliosheath on the Global Heliosphere and ENA Flux at 1 AU. Astrophysical Journal, 2008, 682, 679-689.	1.6	156
116	Termination Shock Asymmetries as Seen by theVoyagerSpacecraft: The Role of the Interstellar Magnetic Field and Neutral Hydrogen. Astrophysical Journal, 2007, 668, 611-624.	1.6	100
117	Unsteady processes in the solar wind interaction with the local interstellar medium. AIP Conference Proceedings, 2007, , .	0.3	2
118	The interaction of turbulence with gas dynamic shocks. AIP Conference Proceedings, 2007, , .	0.3	2
119	The Effects of Global Heliospheric Asymmetries on Energetic Neutral Atom Sky Maps. Astrophysical Journal, 2007, 655, L53-L56.	1.6	42
120	Modeling magnetic fields in the three-dimensional heliosphere. AIP Conference Proceedings, 2006, , .	0.3	1
121	Multifluid adaptive-mesh simulation of the solar wind interaction with the local interstellar medium. AIP Conference Proceedings, 2006, , .	0.3	2
122	Observing heliospheric neutral atoms at 1 AU. AIP Conference Proceedings, 2006, , .	0.3	0
123	Magnetic draping, 2â€“3 kHz radio emissions, and constraints on the interstellar magnetic field. AIP Conference Proceedings, 2006, , .	0.3	3
124	The Direction of the Neutral Hydrogen Velocity in the Inner Heliosphere as a Possible Interstellar Magnetic Field Compass. Astrophysical Journal, 2006, 636, L161-L164.	1.6	32
125	Threeâ€dimensional Features of the Outer Heliosphere due to Coupling between the Interstellar and Interplanetary Magnetic Fields. II. The Presence of Neutral Hydrogen Atoms. Astrophysical Journal, 2006, 644, 1299-1316.	1.6	126
126	Coupling of the interstellar and interplanetary magnetic fields at the heliospheric interface: The effect of neutral hydrogen atoms. Advances in Space Research, 2005, 35, 2055-2060.	1.2	11

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127	Heliopause stability in the presence of neutral atoms: Rayleigh-Taylor dispersion analysis and axisymmetric MHD simulations. Journal of Geophysical Research, 2005, 110, .	3.3	66
128	Three-dimensional structure of the outer heliosphere in the presence of the interstellar and interplanetary magnetic fields. AIP Conference Proceedings, 2004, , .	0.3	3
129	The global heliosphere: theory and models. AIP Conference Proceedings, 2004, , .	0.3	3
130	Self-consistent interaction of neutrals and shocks in the local interstellar medium. AIP Conference Proceedings, 2004, , .	0.3	1
131	Comment on â€œOn the interaction of the solar wind with the interstellar medium: Field aligned MHD flowâ€•by R. Ratkiewicz and G. M. Webb. Journal of Geophysical Research, 2004, 109, .	3.3	6
132	On the Possibility of a Strong Magnetic Field in the Local Interstellar Medium. Astrophysical Journal, 2004, 604, 700-706.	1.6	61
133	Threeâ€dimensional Features of the Outer Heliosphere Due to Coupling between the Interstellar and Interplanetary Magnetic Fields. I. Magnetohydrodynamic Model: Interstellar Perspective. Astrophysical Journal, 2004, 614, 1007-1021.	1.6	95
134	Galactic cosmic ray transport in the global heliosphere. Journal of Geophysical Research, 2003, 108, .	3.3	104
135	Galactic cosmic rays in the global heliosphere: an axisymmetric model. AIP Conference Proceedings, 2003, , .	0.3	1
136	Towards steady-state solutions for supersonic wind accretion on to gravitating objects. Monthly Notices of the Royal Astronomical Society, 2000, 313, 198-208.	1.6	47
137	Nonstationary Phenomena in the Solar Wind and InterstellarMedium Interaction. Astrophysics and Space Science, 2000, 274, 115-122.	0.5	17
138	Accretion Flows: Aspects of Gas Dynamic Modeling. Astrophysics and Space Science, 2000, 274, 275-284.	0.5	1
139	Influence of the interstellar magnetic field direction on the shape of the global heliopause. Journal of Geophysical Research, 1998, 103, 237-245.	3.3	90
140	Gas dynamic investigation ofrotating gas accretion. Astronomical and Astrophysical Transactions, 1997, 12, 263-280.	0.2	5