

C M Carr

List of Publications by Year in descending order

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148
papers

5,959
citations

70961

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155
docs citations

155
times ranked

2863
citing authors

#	ARTICLE	IF	CITATIONS
1	The BepiColombo Planetary Magnetometer MPO-MAG: What Can We Learn from the Hermean Magnetic Field?. <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	45
2	Thin Current Sheet Behind the Dipolarization Front. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029518.	0.8	8
3	Impact of the Solar Wind Dynamic Pressure on the Field-Aligned Currents in the Magnetotail: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	0
4	Observation of the Large-Amplitude and Fast-Damped Plasma Sheet Flapping Triggered by Reconnection-Induced Ballooning Instability. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028218.	0.8	5
5	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	71
6	The BepiColombo's Mio Magnetometer en Route to Mercury. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	19
7	Far-ultraviolet aurora identified at comet 67P/Churyumov-Gerasimenko. <i>Nature Astronomy</i> , 2020, 4, 1084-1091.	4.2	11
8	Cluster and MMS Simultaneous Observations of Magnetosheath High Speed Jets and Their Impact on the Magnetopause. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 6, .	1.1	18
9	The Solar Orbiter magnetometer. <i>Astronomy and Astrophysics</i> , 2020, 642, A9.	2.1	136
10	South-North Hemispheric Asymmetry of the FAE Distribution Around the Cusp Region: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5342-5352.	0.8	3
11	Direct evidence of nonstationary collisionless shocks in space plasmas. <i>Science Advances</i> , 2019, 5, eaau9926.	4.7	27
12	Influence of the IMF Cone Angle on Invariant Latitudes of Polar Region Footprints of FACs in the Magnetotail: Cluster Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2588-2597.	0.8	4
13	The Castalia mission to Main Belt Comet 133P/Elst-Pizarro. <i>Advances in Space Research</i> , 2018, 62, 1947-1976.	1.2	27
14	Plasma source and loss at comet 67P during the Rosetta mission. <i>Astronomy and Astrophysics</i> , 2018, 618, A77.	2.1	38
15	O ⁺ Escape During the Extreme Space Weather Event of 4 th 10 September 2017. <i>Space Weather</i> , 2018, 16, 1363-1376.	1.3	20
16	On the origin of molecular oxygen in cometary comae. <i>Nature Communications</i> , 2018, 9, 2580.	5.8	22
17	Current sheets in comet 67P/Churyumov-Gerasimenko's coma. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3308-3321.	0.8	11
18	Vertical structure of the near-surface expanding ionosphere of comet 67P probed by Rosetta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S118-S129.	1.6	39

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19	Distribution of Field-Aligned Electron Events in the High-Altitude Polar Region: Cluster Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,245-11,255.	0.8	2
20	Diamagnetic region(s): structure of the unmagnetized plasma around Comet 67P/CG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S372-S379.	1.6	51
21	Two years of solar wind and pickup ion measurements at comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S262-S267.	1.6	5
22	Mass-loading, pile-up, and mirror-mode waves at comet 67P/Churyumov-Gerasimenko. <i>Annales Geophysicae</i> , 2016, 34, 1-15.	0.6	46
23	Two-point observations of low-frequency waves at 67P/Churyumov-Gerasimenko during the descent of PHILAE: comparison of RPCMAG and ROMAP. <i>Annales Geophysicae</i> , 2016, 34, 609-622.	0.6	34
24	RPC observation of the development and evolution of plasma interaction boundaries at 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S9-S22.	1.6	62
25	First detection of a diamagnetic cavity at comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 588, A24.	2.1	95
26	Solar wind interaction with comet 67P: Impacts of corotating interaction regions. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 949-965.	0.8	33
27	Quasi-continuous reconnection accompanied by FTEs during IMF $B_z \approx 0$ nT observed by Double Star TC-1 at the dawnside magnetopause. <i>Advances in Space Research</i> , 2016, 58, 208-217.	1.2	2
28	EMC aspects of turbulence heating observer (THOR) spacecraft. , 2016, , .		3
29	Van Allen Probes, THEMIS, GOES, and Cluster observations of EMIC waves, ULF pulsations, and an electron flux dropout. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1990-2008.	0.8	15
30	Ionospheric plasma of comet 67P probed by Rosetta at 3 \hat{A} u from the Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S331-S351.	1.6	75
31	CME impact on comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S45-S56.	1.6	42
32	Structure and evolution of the diamagnetic cavity at comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S459-S467.	1.6	79
33	Spatial distribution of low-energy plasma around comet 67P/CG from Rosetta measurements. <i>Geophysical Research Letters</i> , 2015, 42, 4263-4269.	1.5	74
34	Evolution of the plasma environment of comet 67P from spacecraft potential measurements by the Rosetta Langmuir probe instrument. <i>Geophysical Research Letters</i> , 2015, 42, 10,126.	1.5	49
35	Experimental determination of the dispersion relation of magnetosonic waves. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9632-9650.	0.8	21
36	Observation of a new type of low-frequency waves at comet 67P/Churyumov-Gerasimenko. <i>Annales Geophysicae</i> , 2015, 33, 1031-1036.	0.6	66

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37	Evolution of the ion environment of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A20.	2.1	76
38	ON MULTIPLE RECONNECTION X-LINES AND TRIPOLAR PERTURBATIONS OF STRONG GUIDE MAGNETIC FIELDS. <i>Astrophysical Journal</i> , 2015, 805, 43.	1.6	22
39	Simultaneous field-aligned currents at Swarm and Cluster satellites. <i>Geophysical Research Letters</i> , 2015, 42, 3683-3691.	1.5	32
40	Birth of a comet magnetosphere: A spring of water ions. <i>Science</i> , 2015, 347, aaa0571.	6.0	107
41	Observations of discrete harmonics emerging from equatorial noise. <i>Nature Communications</i> , 2015, 6, 7703.	5.8	93
42	The nonmagnetic nucleus of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 349, aaa5102.	6.0	52
43	CESAR: Cryogenic Electronics for Space Applications. <i>Journal of Low Temperature Physics</i> , 2014, 176, 446.	0.6	4
44	Space magnetometer based on an anisotropic magnetoresistive hybrid sensor. <i>Review of Scientific Instruments</i> , 2014, 85, 125117.	0.6	22
45	TID Response of a Hybrid AMR Vector Magnetometer. , 2014, , .		4
46	Cluster observations of the substructure of a flux transfer event: analysis of high-time-resolution particle data. <i>Annales Geophysicae</i> , 2014, 32, 1093-1117.	0.6	15
47	Increases in plasma sheet temperature with solar wind driving during substorm growth phases. <i>Geophysical Research Letters</i> , 2014, 41, 8713-8721.	1.5	22
48	Direct calculation of the ring current distribution and magnetic structure seen by Cluster during geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2458-2465.	0.8	32
49	The force-free configuration of flux ropes in geomagnetotail: Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6327-6341.	0.8	24
50	Interinstrument calibration using magnetic field data from the flux-gate magnetometer (FGM) and electron drift instrument (EDI) onboard Cluster. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2014, 3, 1-11.	0.6	17
51	An initial investigation of the long-term trends in the fluxgate magnetometer (FGM) calibration parameters on the four Cluster spacecraft. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2014, 3, 95-109.	0.6	10
52	Solar wind entry into the high-latitude terrestrial magnetosphere during geomagnetically quiet times. <i>Nature Communications</i> , 2013, 4, 1466.	5.8	68
53	Two different types of plasmoids in the plasma sheet: Cluster multisatellite analysis application. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5437-5444.	0.8	19
54	Near-magnetic-field scaling for verification of spacecraft equipment. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2013, 2, 249-255.	0.6	6

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55	Cluster and TC-1 observation of magnetic holes in the plasma sheet. <i>Annales Geophysicae</i> , 2012, 30, 583-595.	0.6	64
56	Magneto-resistive magnetometer for space science applications. <i>Measurement Science and Technology</i> , 2012, 23, 025902.	1.4	38
57	Spatial gradients from irregular, multiple-point spacecraft configurations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	31
58	Automatic parameterization for magnetometer zero offset determination. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2012, 1, 103-109.	0.6	8
59	AXIOM: Advanced X-ray imaging of the magnetosheath. <i>Astronomische Nachrichten</i> , 2012, 333, 388-392.	0.6	1
60	AXIOM: advanced X-ray imaging of the magnetosphere. <i>Experimental Astronomy</i> , 2012, 33, 403-443.	1.6	30
61	Magnetic field measurements during the ROSETTA flyby at asteroid (21)Lutetia. <i>Planetary and Space Science</i> , 2012, 66, 155-164.	0.9	22
62	On the possibility to determine the electrical conductivity of 67P/CG from ROSETTA magnetic field observations. <i>Planetary and Space Science</i> , 2012, 65, 1-9.	0.9	1
63	The Rosetta campaign to detect an exosphere at Lutetia. <i>Planetary and Space Science</i> , 2012, 66, 165-172.	0.9	9
64	TC-1 observations of a flux rope: Generation by multiple X line reconnection. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	14
65	Magnetopause response to variations in the solar wind: Conjunction observations between Cluster, TC-1, and SuperDARN. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	8
66	Transient Pc3 wave activity generated by a hot flow anomaly: Cluster, Rosetta, and ground-based observations. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	38
67	The magnetic configuration of the high-latitude cusp and dayside magnetopause under strong magnetic shears. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	9
68	Multiple responses of magnetotail to the enhancement and fluctuation of solar wind dynamic pressure and the southward turning of interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	25
69	Magnetopause reconnection across wide local time. <i>Annales Geophysicae</i> , 2011, 29, 1683-1697.	0.6	57
70	Magnetic field investigations during ROSETTA's 2867 Åteins flyby. <i>Planetary and Space Science</i> , 2010, 58, 1124-1128.	0.9	28
71	Magnetic field investigation of Mercury's magnetosphere and the inner heliosphere by MMO/MGF. <i>Planetary and Space Science</i> , 2010, 58, 279-286.	0.9	29
72	The fluxgate magnetometer of the BepiColombo Mercury Planetary Orbiter. <i>Planetary and Space Science</i> , 2010, 58, 287-299.	0.9	70

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73	Interplanetary shock transmitted into the Earth's magnetosheath: Cluster and Double Star observations. <i>Annales Geophysicae</i> , 2010, 28, 1141-1156.	0.6	34
74	The large-scale magnetospheric electric field observed by Double Star TC-1. <i>Annales Geophysicae</i> , 2010, 28, 1625-1631.	0.6	1
75	Mirror waves and mode transition observed in the magnetosheath by Double Star TC-1. <i>Annales Geophysicae</i> , 2009, 27, 351-355.	0.6	4
76	The DynaMICCS perspective. <i>Experimental Astronomy</i> , 2009, 23, 1017-1055.	1.6	17
77	Simultaneous observations of flux transfer events by THEMIS, Cluster, Double Star, and SuperDARN: Acceleration of FTEs. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	27
78	Simultaneous measurements of Martian plasma boundaries by Rosetta and Mars Express. <i>Planetary and Space Science</i> , 2009, 57, 1085-1096.	0.9	13
79	Convective bursty flows in the near-Earth magnetotail inside 13 R_E . <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	16
80	Substorm expansion triggered by a sudden impulse front propagating from the dayside magnetopause. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	30
81	Deformation and evolution of solar wind discontinuities through their interactions with the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	13
82	A solar storm observed from the Sun to Venus using the STEREO, Venus Express, and MESSENGER spacecraft. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	65
83	Rosetta and Mars Express observations of the influence of high solar wind pressure on the Martian plasma environment. <i>Annales Geophysicae</i> , 2009, 27, 4533-4545.	0.6	21
84	Calibration techniques for magnetometers implementing on-board de-spinning algorithms. <i>Advances in Space Research</i> , 2008, 41, 1571-1578.	1.2	3
85	Surveys on magnetospheric plasmas based on the Double Star Project (DSP) exploration. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1639-1647.	0.9	2
86	Near-Earth bursty bulk flows and AE index. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1704-1712.	0.9	1
87	Shrinkage of magnetosphere observed by TC-1 satellite during the high-speed solar wind stream. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1695-1703.	0.9	6
88	Solar wind transport into magnetosphere caused by magnetic reconnection at high latitude magnetopause during northward IMF: Cluster-DSP conjunction observations. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1677-1684.	0.9	4
89	TC-1 observation of ion high-speed flow reversal in the near-Earth plasma sheet during substorm. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1721-1730.	0.9	6
90	Structures of magnetic null points in reconnection diffusion region: Cluster observations. <i>Science Bulletin</i> , 2008, 53, 1880-1886.	4.3	2

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91	Convective high-speed flow and field-aligned high-speed flows explored by TC-1. <i>Science Bulletin</i> , 2008, 53, 2371-2375.	4.3	2
92	Study of waves in the magnetotail region with cluster and DSP. <i>Advances in Space Research</i> , 2008, 41, 1593-1597.	1.2	8
93	Plasma sheet oscillations and their relation to substorm development: Cluster and double star TC1 case study. <i>Advances in Space Research</i> , 2008, 41, 1585-1592.	1.2	3
94	Modified gradiometer technique applied to Double Star (TC-1). <i>Advances in Space Research</i> , 2008, 41, 1579-1584.	1.2	14
95	Characteristics of middle- to low-latitude Pi2 excited by bursty bulk flows. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	58
96	Magnetotail dipolarization and associated current systems observed by Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
97	Reconnection at the dayside magnetopause: Comparisons of global MHD simulation results with Cluster and Double Star observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
98	Local field-aligned currents in the magnetotail and ionosphere as observed by a Cluster, Double Star, and MIRACLE conjunction. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	10
99	Formation of the low-latitude boundary layer and cusp under the northward IMF: Simultaneous observations by Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	32
100	Response of the inner magnetosphere and the plasma sheet to a sudden impulse. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	31
101	Coordinated Cluster and Double Star observations of the dayside magnetosheath and magnetopause at different latitudes near noon. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	3
102	Occurrence of reconnection jets at the dayside magnetopause: Double Star observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	77
103	Latitude and local time dependence of ULF wave power at the magnetopause: A Cluster-Double Star study. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	7
104	Electron structure of the magnetopause boundary layer: Cluster/Double Star observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	12
105	Multi-point observations of the inner boundary of the plasma sheet during geomagnetic disturbances. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	19
106	Multispacecraft and ground-based observations of substorm timing and activations: Two case studies. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	21
107	Magnetic configurations of the tilted current sheets in magnetotail. <i>Annales Geophysicae</i> , 2008, 26, 3525-3543.	0.6	56
108	Dipolarization Observed by TC1 and Cluster During Substorm in Sep. 14, 2004. <i>Chinese Journal of Geophysics</i> , 2007, 50, 866-876.	0.2	0

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109	A radiation tolerant digital fluxgate magnetometer. <i>Measurement Science and Technology</i> , 2007, 18, 3645-3650.	1.4	26
110	TC1 and Cluster observation of an FTE on 4 January 2005: A close conjunction. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	16
111	TC-1 observations of flux pileup and dipolarization-associated expansion in the near-Earth magnetotail during substorms. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	30
112	New approach for determining the normal of the bow shock based on Cluster four-point magnetic field measurements. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	14
113	Cluster observations of waves in the whistler frequency range associated with magnetic reconnection in the Earth's magnetotail. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	95
114	Flow burst-induced Kelvin-Helmholtz waves in the terrestrial magnetotail. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	33
115	Global view of dayside magnetic reconnection with the duskâ€dawn IMF orientation: A statistical study for Double Star and Cluster data. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	60
116	Near-simultaneous magnetotail flux rope observations with Cluster and Double Star. <i>Annales Geophysicae</i> , 2007, 25, 1887-1897.	0.6	16
117	On the location of dayside magnetic reconnection during an interval of duskward oriented IMF. <i>Annales Geophysicae</i> , 2007, 25, 219-238.	0.6	20
118	Little or no solar wind enters Venusâ€™ atmosphere at solar minimum. <i>Nature</i> , 2007, 450, 654-656.	13.7	79
119	RPC-MAG The Fluxgate Magnetometer in the ROSETTA Plasma Consortium. <i>Space Science Reviews</i> , 2007, 128, 649-670.	3.7	154
120	RPC: The Rosetta Plasma Consortium. <i>Space Science Reviews</i> , 2007, 128, 629-647.	3.7	135
121	Double Star TC-1 observation of the earthward flowing plasmoids in the near magnetotail. <i>Science Bulletin</i> , 2007, 52, 1843-1848.	1.7	3
122	Plasma sheet stretching accompanied by field aligned energetic ion fluxes observed by the NUADU instrument aboard TC-2. <i>Science Bulletin</i> , 2007, 52, 1719-1723.	1.7	6
123	Joint observations by Cluster satellites of bursty bulk flows in the magnetotail. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	174
124	Flux closure during a substorm observed by Cluster, Double Star, IMAGE FUV, SuperDARN, and Greenland magnetometers. <i>Annales Geophysicae</i> , 2006, 24, 751-767.	0.6	8
125	Oscillatory magnetic flux tube slippage in the plasma sheet. <i>Annales Geophysicae</i> , 2006, 24, 1695-1704.	0.6	71
126	Do BBFs contribute to inner magnetosphere dipolarizations: Concurrent Cluster and Double Star observations. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	50

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127	The Double Star magnetic field investigation: Overview of instrument performance and initial results. <i>Advances in Space Research</i> , 2006, 38, 1828-1833.	1.2	5
128	Magnetic field investigation of the Venus plasma environment: Expected new results from Venus Express. <i>Planetary and Space Science</i> , 2006, 54, 1336-1343.	0.9	235
129	Double Star, Cluster, and ground-based observations of magnetic reconnection during an interval of duskward oriented IMF: preliminary results. <i>Annales Geophysicae</i> , 2005, 23, 2903-2907.	0.6	5
130	A statistical study on the correlations between plasma sheet and solar wind based on DSP explorations. <i>Annales Geophysicae</i> , 2005, 23, 2961-2966.	0.6	10
131	The Double Star magnetic field investigation: instrument design, performance and highlights of the first year's observations. <i>Annales Geophysicae</i> , 2005, 23, 2713-2732.	0.6	129
132	Coordinated Cluster/Double Star observations of dayside reconnection signatures. <i>Annales Geophysicae</i> , 2005, 23, 2867-2875.	0.6	47
133	Simultaneous Double Star and Cluster FTEs observations on the dawnside flank of the magnetosphere. <i>Annales Geophysicae</i> , 2005, 23, 2877-2887.	0.6	9
134	Double Star/Cluster observation of neutral sheet oscillations on 5 August 2004. <i>Annales Geophysicae</i> , 2005, 23, 2909-2914.	0.6	58
135	Observation of reconnection pulses by Cluster and Double Star. <i>Annales Geophysicae</i> , 2005, 23, 2921-2927.	0.6	4
136	Plasma flow channels with ULF waves observed by Cluster and Double Star. <i>Annales Geophysicae</i> , 2005, 23, 2929-2935.	0.6	27
137	Double Star TC-1 observations of component reconnection at the dayside magnetopause: a preliminary study. <i>Annales Geophysicae</i> , 2005, 23, 2889-2895.	0.6	32
138	Cluster and Double Star observations of dipolarization. <i>Annales Geophysicae</i> , 2005, 23, 2915-2920.	0.6	19
139	Electron pitch angle variations recorded at the high magnetic latitude boundary layer by the NUADU instrument on the TC-2 spacecraft. <i>Annales Geophysicae</i> , 2005, 23, 2953-2959.	0.6	1
140	Multiple flux rope events at the magnetopause observations by TC-1 on 18 March 2004. <i>Annales Geophysicae</i> , 2005, 23, 2897-2901.	0.6	4
141	The structure of high altitude O ⁺ energization and outflow: a case study. <i>Annales Geophysicae</i> , 2004, 22, 2497-2506.	0.6	33
142	Cluster magnetic field observations of magnetospheric boundaries. <i>Geophysical Monograph Series</i> , 2003, , 63-69.	0.1	1
143	Cluster magnetic field observations at a quasi-parallel bow shock. <i>Annales Geophysicae</i> , 2002, 20, 1699-1710.	0.6	41
144	Cluster magnetic field observations of the bowshock: Orientation, motion and structure. <i>Annales Geophysicae</i> , 2001, 19, 1399-1409.	0.6	51

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145	The Cluster Magnetic Field Investigation: overview of in-flight performance and initial results. <i>Annales Geophysicae</i> , 2001, 19, 1207-1217.	0.6	1,042
146	Cluster magnetic field observations in the magnetosheath: four-point measurements of mirror structures. <i>Annales Geophysicae</i> , 2001, 19, 1421-1428.	0.6	54
147	Cluster as a wave telescope – first results from the fluxgate magnetometer. <i>Annales Geophysicae</i> , 2001, 19, 1439-1447.	0.6	107
148	The Rosetta plasma consortium: Technical realization and scientific aims. <i>Advances in Space Research</i> , 1999, 24, 1149-1158.	1.2	16