

Manuel Grande

List of Publications by Year in descending order

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163
papers

7,408
citations

71004

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172
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172
docs citations

172
times ranked

4220
citing authors

#	ARTICLE	IF	CITATIONS
1	SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. <i>Space Science Reviews</i> , 2021, 217, 11.	3.7	26
2	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	71
3	Solar Intensity X-Ray and Particle Spectrometer SIXS: Instrument Design and First Results. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	20
4	The BepiColombo Mercury Imaging X-Ray Spectrometer: Science Goals, Instrument Performance and Operations. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	36
5	Rationale for BepiColombo Studies of Mercury's Surface and Composition. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	46
6	Correction of Galileo Energetic Particle Detector, Composition Measurement System High Rate Data: Semiconductor Dead Layer Correction. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	3
7	The Pivot Energy of Solar Energetic Particles Affecting the Martian Surface Radiation Environment. <i>Astrophysical Journal Letters</i> , 2019, 883, L12.	3.0	6
8	Ready functions for calculating the Martian radiation environment. <i>Journal of Space Weather and Space Climate</i> , 2019, 9, A7.	1.1	12
9	Virtual Planetary Space Weather Services offered by the Europlanet H2020 Research Infrastructure. <i>Planetary and Space Science</i> , 2018, 150, 50-59.	0.9	13
10	SMART-1 technology, scientific results and heritage for future space missions. <i>Planetary and Space Science</i> , 2018, 151, 141-148.	0.9	13
11	Shielding an MCP Detector for a Space-Borne Mass Spectrometer Against the Harsh Radiation Environment in Jupiter's Magnetosphere. <i>IEEE Transactions on Nuclear Science</i> , 2017, 64, 605-613.	1.2	11
12	Multipoint observations of the open-closed field line boundary as observed by the Van Allen Probes and geostationary satellites during the 14 November 2012 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6596-6613.	0.8	7
13	Understanding space weather to shield society: A global road map for 2015-2025 commissioned by COSPAR and ILWS. <i>Advances in Space Research</i> , 2015, 55, 2745-2807.	1.2	256
14	C1XS results—First measurement of enhanced sodium on the lunar surface. <i>Planetary and Space Science</i> , 2014, 104, 279-287.	0.9	21
15	Inner magnetospheric heavy ion composition during high-speed stream-driven storms. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4066-4079.	0.8	8
16	Cassini Plasma Spectrometer Investigation. <i>Geophysical Monograph Series</i> , 2013, , 237-242.	0.1	7
17	Raman scattering near metal nanostructures. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 2035.	0.9	14
18	The transterminator ion flow at Venus at solar minimum. <i>Planetary and Space Science</i> , 2012, 73, 341-346.	0.9	1

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19	Lunar Net—a proposal in response to an ESA M3 call in 2010 for a medium sized mission. <i>Experimental Astronomy</i> , 2012, 33, 587-644.	1.6	15
20	The Chandrayaan-1 X-ray Spectrometer: First results. <i>Planetary and Space Science</i> , 2012, 60, 217-228.	0.9	28
21	The cosmic dust analyser onboard cassini: ten years of discoveries. <i>CEAS Space Journal</i> , 2011, 2, 3-16.	1.1	26
22	Lunar X-ray fluorescence observations by the Chandrayaan-1 X-ray Spectrometer (C1XS): Results from the nearside southern highlands. <i>Icarus</i> , 2011, 214, 53-66.	1.1	46
23	Solar Intensity X-ray and particle Spectrometer (SIXS). <i>Planetary and Space Science</i> , 2010, 58, 96-107.	0.9	25
24	Transient Structures and Stream Interaction Regions in the Solar Wind: Results from EISCAT Interplanetary Scintillation, STEREO HI and Venus Express ASPERA-4 Measurements. <i>Solar Physics</i> , 2010, 265, 207-231.	1.0	8
25	In-situ Observations of a Co-rotating Interaction Region at Venus Identified by IPS and STEREO. <i>Solar Physics</i> , 2010, 265, 197-206.	1.0	1
26	PHEBUS: A double ultraviolet spectrometer to observe Mercury's exosphere. <i>Planetary and Space Science</i> , 2010, 58, 201-223.	0.9	42
27	Venusian bow shock as seen by the ASPERA-4 ion instrument on Venus Express. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
28	The effects of radiation damage on the spectral resolution of the Chandrayaan-1 x-ray spectrometer. , 2010, , .		0
29	ESSC-ESF Position Paper—Science-Driven Scenario for Space Exploration: Report from the European Space Sciences Committee (ESSC). <i>Astrobiology</i> , 2009, 9, 23-41.	1.5	13
30	LunarEX—a proposal to cosmic vision. <i>Experimental Astronomy</i> , 2009, 23, 711-740.	1.6	18
31	Ground calibration of the Chandrayaan-1 X-ray Solar Monitor (XSM). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 607, 544-553.	0.7	19
32	The scientific rationale for the C1XS X-ray spectrometer on India's Chandrayaan-1 mission to the moon. <i>Planetary and Space Science</i> , 2009, 57, 725-734.	0.9	30
33	X-ray fluorescence observations of the moon by SMART-1/D-CIXS and the first detection of Ti K α from the lunar surface. <i>Planetary and Space Science</i> , 2009, 57, 744-750.	0.9	46
34	Chandrayaan-1 X-ray Spectrometer (C1XS)—Instrument design and technical details. <i>Planetary and Space Science</i> , 2009, 57, 735-743.	0.9	26
35	The C1XS X-ray Spectrometer on Chandrayaan-1. <i>Planetary and Space Science</i> , 2009, 57, 717-724.	0.9	54
36	Simultaneous entry of oxygen ions originating from the Sun and Earth into the inner magnetosphere during magnetic storms. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	11

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37	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
38	X-Ray Fluorescence Spectrometry of Lunar Surface by XRS Onboard SELENE (Kaguya). <i>Transactions of the Japan Society for Aeronautical and Space Sciences Space Technology Japan</i> , 2009, 7, Tk_39-Tk_42.	0.2	9
39	Location of the bow shock and ion composition boundaries at Venus's initial determinations from Venus Express ASPERA-4. <i>Planetary and Space Science</i> , 2008, 56, 780-784.	0.9	64
40	The Venusian induced magnetosphere: A case study of plasma and magnetic field measurements on the Venus Express mission. <i>Planetary and Space Science</i> , 2008, 56, 796-801.	0.9	22
41	Mars Express and Venus Express multi-point observations of geoeffective solar flare events in December 2006. <i>Planetary and Space Science</i> , 2008, 56, 873-880.	0.9	102
42	Ionospheric photoelectrons at Venus: Initial observations by ASPERA-4 ELS. <i>Planetary and Space Science</i> , 2008, 56, 802-806.	0.9	48
43	First observation of energetic neutral atoms in the Venus environment. <i>Planetary and Space Science</i> , 2008, 56, 807-811.	0.9	19
44	Comparative analysis of Venus and Mars magnetotails. <i>Planetary and Space Science</i> , 2008, 56, 812-817.	0.9	48
45	ENA detection in the dayside of Mars: ASPERA-3 NPD statistical study. <i>Planetary and Space Science</i> , 2008, 56, 840-845.	0.9	18
46	The high precision gamma-ray spectrometer for lunar polar orbiter SELENE. <i>Advances in Space Research</i> , 2008, 42, 323-330.	1.2	15
47	Lunar international science coordination/calibration targets (L-ISCT). <i>Advances in Space Research</i> , 2008, 42, 248-258.	1.2	24
48	Instrumentation and performance evaluation of the XRS on SELENE orbiter. <i>Earth, Planets and Space</i> , 2008, 60, 277-281.	0.9	13
49	Gamma-ray spectrometer (GRS) for lunar polar orbiter SELENE. <i>Earth, Planets and Space</i> , 2008, 60, 299-312.	0.9	48
50	Radiation study of swept-charge devices for the Chandrayaan-1 X-ray Spectrometer (C1XS) instrument. <i>Proceedings of SPIE</i> , 2008, , .	0.8	3
51	SMART-1 highlights and relevant studies on early bombardment and geological processes on rocky planets. <i>Physica Scripta</i> , 2008, T130, 014026.	1.2	6
52	Characterisation of swept-charge devices for the Chandrayaan-1 x-ray spectrometer (C1XS) instrument. , 2007, , .		5
53	The D-CIXS X-ray spectrometer on the SMART-1 mission to the Moon's First results. <i>Planetary and Space Science</i> , 2007, 55, 494-502.	0.9	41
54	The Analyser of Space Plasmas and Energetic Atoms (ASPERA-4) for the Venus Express mission. <i>Planetary and Space Science</i> , 2007, 55, 1772-1792.	0.9	214

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55	The loss of ions from Venus through the plasma wake. <i>Nature</i> , 2007, 450, 650-653.	13.7	168
56	Auroral Plasma Acceleration Above Martian Magnetic Anomalies. <i>Space Science Reviews</i> , 2007, 126, 333-354.	3.7	28
57	IMF Direction Derived from Cycloid-Like Ion Distributions Observed by Mars Express. <i>Space Science Reviews</i> , 2007, 126, 239-266.	3.7	21
58	The Analyzer of Space Plasmas and Energetic Atoms (ASPERA-3) for the Mars Express Mission. <i>Space Science Reviews</i> , 2007, 126, 113-164.	3.7	241
59	Auroral Plasma Acceleration above Martian Magnetic Anomalies. , 2007, , 333-354.		1
60	The Analyzer of Space Plasmas and Energetic Atoms (ASPERA-3) for the Mars Express Mission. , 2007, , 113-164.		2
61	IMF Direction Derived from Cycloid-Like Ion Distributions Observed by Mars Express. , 2007, , 239-266.		0
62	Corotating solar wind streams and recurrent geomagnetic activity: A review. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	396
63	Indirect signatures for axion(-like) particles. <i>Journal of Physics: Conference Series</i> , 2006, 39, 103-106.	0.3	6
64	SMART-1 mission to the Moon: Status, first results and goals. <i>Advances in Space Research</i> , 2006, 37, 6-13.	1.2	84
65	Energetic electron signatures in an active magnetotail plasma sheet. <i>Advances in Space Research</i> , 2006, 38, 1608-1614.	1.2	1
66	Electric fields within the martian magnetosphere and ion extraction: ASPERA-3 observations. <i>Icarus</i> , 2006, 182, 337-342.	1.1	54
67	Solar wind plasma protrusion into the martian magnetosphere: ASPERA-3 observations. <i>Icarus</i> , 2006, 182, 343-349.	1.1	21
68	First ENA observations at Mars: Subsolar ENA jet. <i>Icarus</i> , 2006, 182, 413-423.	1.1	42
69	First ENA observations at Mars: ENA emissions from the martian upper atmosphere. <i>Icarus</i> , 2006, 182, 424-430.	1.1	53
70	Structure of the martian wake. <i>Icarus</i> , 2006, 182, 329-336.	1.1	81
71	First ENA observations at Mars: Charge exchange ENAs produced in the magnetosheath. <i>Icarus</i> , 2006, 182, 431-438.	1.1	39
72	Electron oscillations in the induced martian magnetosphere. <i>Icarus</i> , 2006, 182, 360-370.	1.1	54

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73	Observations of magnetic anomaly signatures in Mars Express ASPERA-3 ELS data. <i>Icarus</i> , 2006, 182, 396-405.	1.1	36
74	Ionospheric plasma acceleration at Mars: ASPERA-3 results. <i>Icarus</i> , 2006, 182, 308-319.	1.1	48
75	Numerical interpretation of high-altitude photoelectron observations. <i>Icarus</i> , 2006, 182, 383-395.	1.1	56
76	Plasma intrusion above Mars crustal fieldsâ€™ Mars Express ASPERA-3 observations. <i>Icarus</i> , 2006, 182, 406-412.	1.1	35
77	Energetic Neutral Atoms (ENA) at Mars: Properties of the hydrogen atoms produced upstream of the martian bow shock and implications for ENA sounding technique around non-magnetized planets. <i>Icarus</i> , 2006, 182, 448-463.	1.1	22
78	First ENA observations at Mars: Solar-wind ENAs on the nightside. <i>Icarus</i> , 2006, 182, 439-447.	1.1	27
79	Carbon dioxide photoelectron energy peaks at Mars. <i>Icarus</i> , 2006, 182, 371-382.	1.1	105
80	In situ dust measurements in the inner Saturnian system. <i>Planetary and Space Science</i> , 2006, 54, 967-987.	0.9	50
81	Ion escape at Mars: Comparison of a 3-D hybrid simulation with Mars Express IMA/ASPERA-3 measurements. <i>Icarus</i> , 2006, 182, 350-359.	1.1	34
82	Mass composition of the escaping plasma at Mars. <i>Icarus</i> , 2006, 182, 320-328.	1.1	103
83	Deuterium chemistry and airglow in the jovian thermosphere. <i>Icarus</i> , 2006, 183, 451-470.	1.1	11
84	Plasma Acceleration Above Martian Magnetic Anomalies. <i>Science</i> , 2006, 311, 980-983.	6.0	111
85	Energetic electron observations of magnetospheric boundaries using the imaging electron spectrometers on Cluster and Polar. <i>Advances in Space Research</i> , 2005, 36, 1916-1921.	1.2	0
86	Cluster/rapid energetic electron observations at the dayside magnetospheric boundary. <i>Advances in Space Research</i> , 2005, 36, 1904-1908.	1.2	2
87	Energetic particle acceleration during a major magnetic storm. <i>Advances in Space Research</i> , 2005, 36, 1835-1839.	1.2	1
88	A soft solid surface on Titan as revealed by the Huygens Surface Science Package. <i>Nature</i> , 2005, 438, 792-795.	13.7	139
89	SMART-1 after lunar capture: First results and perspectives. <i>Journal of Earth System Science</i> , 2005, 114, 689-697.	0.6	9
90	Composition and Dynamics of Plasma in Saturn's Magnetosphere. <i>Science</i> , 2005, 307, 1262-1266.	6.0	281

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91	Multiple discrete-energy ion features in the inner magnetosphere: 9 February 1998, event. <i>Annales Geophysicae</i> , 2004, 22, 1297-1304.	0.6	34
92	A comparison between ion characteristics observed by the POLAR and DMSP spacecraft in the high-latitude magnetosphere. <i>Annales Geophysicae</i> , 2004, 22, 1033-1046.	0.6	3
93	Solar Wind-Induced Atmospheric Erosion at Mars: First Results from ASPERA-3 on Mars Express. <i>Science</i> , 2004, 305, 1933-1936.	6.0	204
94	Cassini Plasma Spectrometer Investigation. <i>Space Science Reviews</i> , 2004, 114, 1-112.	3.7	452
95	The Cassini Cosmic Dust Analyzer. <i>Space Science Reviews</i> , 2004, 114, 465-518.	3.7	230
96	Structure and dynamics of the proton energy density in the inner magnetosphere. <i>Advances in Space Research</i> , 2004, 33, 711-718.	1.2	6
97	Extended cusp-like regions and their dependence on the Polar orbit, seasonal variations, and interplanetary conditions. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	10
98	Cassini Plasma Spectrometer Investigation. , 2004, , 1-112.		9
99	Scientific rationale for the D-CIXS X-ray spectrometer on board ESA's SMART-1 mission to the Moon. <i>Planetary and Space Science</i> , 2003, 51, 435-442.	0.9	22
100	The D-CIXS X-ray mapping spectrometer on SMART-1. <i>Planetary and Space Science</i> , 2003, 51, 427-433.	0.9	60
101	SMART-1 mission to the moon: Technology and science goals. <i>Advances in Space Research</i> , 2003, 31, 2323-2333.	1.2	33
102	The Storm-substorm relationship: Current understanding and outlook. <i>Geophysical Monograph Series</i> , 2003, , 1-14.	0.1	16
103	What is the effect of substorms on the ring current ion population during a geomagnetic storm?. <i>Geophysical Monograph Series</i> , 2003, , 75-89.	0.1	6
104	Statistical distribution of the storm-time proton ring current: POLAR measurements. <i>Geophysical Research Letters</i> , 2002, 29, 30-1-30-4.	1.5	61
105	The D-CIXS X-ray spectrometer, and its capabilities for lunar science. <i>Advances in Space Research</i> , 2002, 30, 1901-1907.	1.2	8
106	High-purity germanium Gamma-Ray Spectrometer with stirling cycle cryocooler. <i>Advances in Space Research</i> , 2002, 30, 1927-1931.	1.2	10
107	The SMART-1 X-ray solar monitor (XSM): calibrations for D-CIXS and independent coronal science. <i>Planetary and Space Science</i> , 2002, 50, 1345-1353.	0.9	36
108	Polar observations of the time-varying cusp. <i>Journal of Geophysical Research</i> , 2001, 106, 19057-19065.	3.3	5

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109	Ring current ion composition during solar minimum and rising solar activity: Polar/CAMMICE/MICS results. <i>Journal of Geophysical Research</i> , 2001, 106, 19131-19147.	3.3	41
110	First results from the RAPID imaging energetic particle spectrometer on board Cluster. <i>Annales Geophysicae</i> , 2001, 19, 1355-1366.	0.6	135
111	Dawn-dusk asymmetry in particles of solar wind origin within the magnetosphere. <i>Annales Geophysicae</i> , 2001, 19, 1-9.	0.6	24
112	First medium energy neutral atom (MENA) Images of Earth's magnetosphere during substorm and storm-time. <i>Geophysical Research Letters</i> , 2001, 28, 1147-1150.	1.5	61
113	Opportunities for X-ray remote sensing at Mercury. <i>Planetary and Space Science</i> , 2001, 49, 1553-1559.	0.9	7
114	Medium energy neutral atom (MENA) imager for the IMAGE mission. <i>Space Science Reviews</i> , 2000, 91, 113-154.	3.7	90
115	Entry of plasma sheet particles into the inner magnetosphere as observed by Polar/CAMMICE. <i>Journal of Geophysical Research</i> , 2000, 105, 25205-25219.	3.3	46
116	Use of Fe charge state changes as a tracer for solar wind entry to the magnetosphere. <i>Geophysical Research Letters</i> , 2000, 27, 2441-2444.	1.5	11
117	Medium Energy Neutral Atom (MENA) Imager for the Image Mission. , 2000, , 113-154.		16
118	Gamma-ray spectrometer for Japanese lunar polar orbiter. <i>Advances in Space Research</i> , 1999, 23, 1837-1840.	1.2	11
119	Ring current response to interplanetary magnetic cloud events. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 1999, 24, 83-87.	0.2	2
120	Dayside open field line region boundary at high altitudes. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 1999, 24, 129-133.	0.2	0
121	Statistics of substorm occurrence in storm and non-storm periods. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 1999, 24, 167-172.	0.2	2
122	Reply [to "Comment on "Current understanding of magnetic storms: Storm-substorm relationships," by Y. Kamide et al.]. <i>Journal of Geophysical Research</i> , 1999, 104, 7051-7051.	3.3	2
123	Predicting Solar Disturbance Effects on Navigation Systems. <i>Journal of Navigation</i> , 1999, 52, 203-216.	1.0	3
124	Osiris "The optical, spectroscopic and infrared remote imaging system for the Rosetta Orbiter. <i>Advances in Space Research</i> , 1998, 21, 1505-1515.	1.2	23
125	Survey of dispersionless substorm ion injections observed by CRRES. <i>Advances in Space Research</i> , 1998, 21, 615-618.	1.2	4
126	Case studies of ion energisation events near substorm onset. <i>Advances in Space Research</i> , 1998, 21, 641-644.	1.2	0

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127	Energetic auroral electron distributions derived from global X-ray measurements and comparison with in-situ particle measurements. <i>Geophysical Research Letters</i> , 1998, 25, 4105-4108.	1.5	13
128	Current understanding of magnetic storms: Storm-substorm relationships. <i>Journal of Geophysical Research</i> , 1998, 103, 17705-17728.	3.3	309
129	Superposed Epoch Analysis of Magnetospheric Composition and Dst during Stormtime and Quiet-Time Substorms. <i>Astrophysics and Space Science Library</i> , 1998, , 773-778.	1.0	3
130	Imaging Earth's magnetosphere: Measuring energy, mass, and direction of energetic neutral atoms with the ISENA instrument. <i>Geophysical Monograph Series</i> , 1998, , 269-274.	0.1	1
131	First polar and 1995-034 observations of the midaltitude cusp during a persistent northward IMF condition. <i>Geophysical Research Letters</i> , 1997, 24, 1475-1478.	1.5	19
132	Survey of ring current composition during magnetic storms. <i>Advances in Space Research</i> , 1997, 20, 321-326.	1.2	12
133	PEACE: A PLASMA ELECTRON AND CURRENT EXPERIMENT. <i>Space Science Reviews</i> , 1997, 79, 351-398.	3.7	391
134	RAPID â€“ The Imaging Energetic Particle Spectrometer on Cluster. <i>Space Science Reviews</i> , 1997, 79, 399-473.	3.7	117
135	Investigation of magnetospheric interactions with the Hermean surface. <i>Advances in Space Research</i> , 1997, 19, 1609-1614.	1.2	20
136	Peace: A Plasma Electron and Current Experiment. , 1997, , 351-398.		110
137	Observations of iron, silicon, and other heavy ions in the geostationary altitude region during late March 1991. <i>Journal of Geophysical Research</i> , 1996, 101, 24707-24718.	3.3	22
138	Evolution of the ring current ion population, as observed by the CRRES/MICS instrument. <i>AIP Conference Proceedings</i> , 1996, , .	0.3	5
139	CRRES observations of stormtime ring current ion composition. <i>AIP Conference Proceedings</i> , 1996, , .	0.3	8
140	Oxygen charge state abundance in the inner magnetosphere. <i>AIP Conference Proceedings</i> , 1996, , .	0.3	5
141	<title>Cassini plasma spectrometer investigation</title>. , 1996, , .		7
142	EISCAT/CRRES observations: nightside ionospheric ion outflow and oxygen-rich substorm injections. <i>Annales Geophysicae</i> , 1996, 14, 1032-1043.	0.6	15
143	CRRES observations of the composition of the ring-current ion populations. <i>Advances in Space Research</i> , 1996, 17, 17-24.	1.2	40
144	CRRES observations of particle flux dropout events. <i>Advances in Space Research</i> , 1996, 18, 217-228.	1.2	9

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145	EISCAT/CRRES observations: nightside ionospheric ion outflow and oxygen-rich substorm injections. <i>Annales Geophysicae</i> , 1996, 14, 1032.	0.6	15
146	Auroral Ionospheric Ion Feeding of the Inner Plasma Sheet during Substorms. <i>Journal of Geomagnetism and Geoelectricity</i> , 1996, 48, 729-739.	0.8	37
147	CEPPAD. <i>Space Science Reviews</i> , 1995, 71, 531-562.	3.7	150
148	CRRES/Ground-based multi-instrument observations of an interval of substorm activity. <i>Annales Geophysicae</i> , 1994, 12, 1158-1173.	0.6	8
149	Magnetospheric ion composition spectrometer onboard the CRRES spacecraft. <i>Journal of Spacecraft and Rockets</i> , 1992, 29, 585-591.	1.3	116
150	Measurement and detailed analysis of single pass gain at 81 Å... in a recombining laser produced fluorine plasma. <i>Optics Communications</i> , 1990, 74, 309-312.	1.0	32
151	Soft X-ray amplification in aluminium recombining plasma produced from a thin coated fibre. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1990, 23, 147-163.	0.6	36
152	High power laser development and experimental applications to X-ray lasers, and short pulse energy transport. <i>Laser and Particle Beams</i> , 1990, 8, 19-25.	0.4	0
153	A Comparison of DEF X-Ray Film and a Photodiode Array (Reticon) as Detectors for an X-Ray Crystal Spectrometer. <i>Journal of X-Ray Science and Technology</i> , 1989, 1, 162-170.	0.7	0
154	Twenty-fold increase in thermonuclear reaction yield in laser driven compression. <i>Optics Communications</i> , 1989, 71, 184-188.	1.0	7
155	XUV Laser Research At The Rutherford Appleton Laboratory. <i>Proceedings of SPIE</i> , 1989, , .	0.8	0
156	Status of soft X-ray laser research at the Rutherford-Appleton laboratory. <i>Plasma Physics and Controlled Fusion</i> , 1988, 30, 35-44.	0.9	23
157	X-Ray Laser Research At The Rutherford Laboratory. , 1988, 0831, 270.		2
158	Assessment Of Multilayer Mirror For XUV Laser Use. , 1988, , .		1
159	Review Of Progress At The UK Central Laser Facility In Developing XUV Lasers Based On Recombining Laser Produced Plasmas. <i>Proceedings of SPIE</i> , 1988, , .	0.8	1
160	X-Ray Laser Research at the Rutherford Appleton Laboratory. <i>Proceedings of SPIE</i> , 1987, , .	0.8	1
161	An optimised thin film wavelength shifting coating for Cherenkov detection. <i>Nuclear Instruments & Methods in Physics Research</i> , 1983, 215, 539-548.	0.9	16
162	The application of thin film wavelength-shifting coatings of Perspex to solar energy collection. <i>Journal Physics D: Applied Physics</i> , 1983, 16, 2525-2535.	1.3	9

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163	The Cassini CAPS Electron Spectrometer. Geophysical Monograph Series, 0, , 257-262.	0.1	47