John C Raymond

List of Publications by Year
in descending order

274 papers	15,273 citations	19608 61 h-index	20900 115 g-index
278 all docs	278 docs citations	278 times ranked	6859 citing authors

#	Article	IF	Citations
1	A Spectroscopic Angle on Central Engine Size Scales in Accreting Neutron Stars. Astrophysical Journal, 2022, 925, 113.	1.6	1
2	Ultraviolet Observations of Comet 96/P Machholz at Perihelion. Astrophysical Journal, 2022, 926, 93.	1.6	2
3	Locating the CSM Emission within the Type Ia Supernova Remnant N103B. Astrophysical Journal, 2022, 926, 207.	1.6	4
4	Constraining the CME Core Heating and Energy Budget with SOHO/UVCS. Astrophysical Journal, 2022, 927, 27.	1.6	7
5	SNR G292.0+1.8: A Remnant of a Low-mass-progenitor Stripped-envelope Supernova. Astrophysical Journal, 2022, 932, 26.	1.6	5
6	The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. Astrophysical Journal, 2022, 932, 58.	1.6	15
7	The origin of Galactic cosmic rays as revealed by their composition. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1321-1345.	1.6	20
8	Late-time Observations of Calcium-rich Transient SN 2019ehk Reveal a Pure Radioactive Decay Power Source. Astrophysical Journal Letters, 2021, 908, L32.	3.0	14
9	Coronal Wave Trains and Plasma Heating Triggered by Turbulence in the Wake of a CME. Astrophysical Journal, 2021, 909, 45.	1.6	14
10	On Synthetic Absorption Line Profiles of Thermally Driven Winds from Active Galactic Nuclei. Astrophysical Journal, 2021, 914, 114.	1.6	6
11	An updated distance to the Cygnus Loop based on Gaia Early DR3. Monthly Notices of the Royal Astronomical Society, 2021, 507, 244-245.	1.6	7
12	Adriaan van Ballegooijen (1953â€“2021). , 2021, 53, .		0
13	Far-UV and Optical Emissions from Three Very Large Supernova Remnants Located at Unusually High Galactic Latitudes. Astrophysical Journal, 2021, 920, 90.	1.6	12
14	Solar Origin of Bare Ion Anomalies in the Solar Wind and Interplanetary Coronal Mass Ejections. Astrophysical Journal, 2021, 921, 93.	1.6	10
15	Forbidden Line Emission from Type Ia Supernova Remnants Containing Balmer-dominated Shells. Astrophysical Journal, 2021, 923, 141.	1.6	6
16	G107.0+9.0: a new large optically bright, radio, and X-Ray faint galactic supernova remnant in Cepheus. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5194-5206.	1.6	14
17	Chandra Observations of NGC 7212: Large-scale Extended Hard X-Ray Emission. Astrophysical Journal, 2020, 891, 133.	1.6	20
18	The Role of Turbulence for Heating Plasmas in Eruptive Solar Flares. Astrophysical Journal, 2020, 897, 64.	1.6	26

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19	Rapid Postshock Cooling and Pressure-driven Shell-phase Evolution of the Galactic Halo SNR G70.0â€“21.5. Astrophysical Journal, 2020, 888, 90.	1.6	8
20	Detection of pristine circumstellar material from the Cassiopeia A supernova progenitor. Nature Astronomy, 2020, 4, 584-589.	4.2	7
21	Unbiased Spectroscopic Study of the Cygnus Loop with LAMOST. I. Optical Properties of Emission Lines and the Global Spectrum. Astrophysical Journal, 2020, 893, 79.	1.6	2
22	Detection of the Red Supergiant Wind from the Progenitor of Cassiopeia A. Astrophysical Journal, 2020, 891, 116.	1.6	13
23	Swift Spectroscopy of the Accretion Disk Wind in the Black Hole GRO J1655â€“40. Astrophysical Journal, 2020, 893, 155.	1.6	3
24	Turbulence and Energetic Particles in Radiative Shock Waves in the Cygnus Loop. I. Shock Properties. Astrophysical Journal, 2020, 894, 108.	1.6	18
25	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. Astrophysical Journal, 2020, 898, 166.	1.6	48
26	Turbulence and Energetic Particles in Radiative Shock Waves in the Cygnus Loop. II. Development of Postshock Turbulence. Astrophysical Journal, 2020, 903, 2.	1.6	13
27	An Obscured, Seyfert 2â€“like State of the Stellar-mass Black Hole GRS 1915+105 Caused by Failed Disk Winds. Astrophysical Journal, 2020, 904, 30.	1.6	29
28	A Redshifted Inner Disk Atmosphere and Transient Absorbers in the Ultracompact Neutron Star X-Ray Binary 4U 1916â€“053. Astrophysical Journal Letters, 2020, 899, L16.	3.0	7
29	RGS Observations of Ejecta Knots in Tychoâ€™s Supernova Remnant. Astrophysical Journal Letters, 2020, 898, L51.	3.0	6
30	Nonequilibrium Ionization Effects on Solar EUV and X-Ray Imaging Observations. Astrophysical Journal, 2019, 879, 111.	1.6	11
31	Probing the Innermost Ejecta Layers in Supernova Remnant Kes 75: Implications for the Supernova Progenitor. Astrophysical Journal Letters, 2019, 878, L19.	3.0	15
32	Element Abundances: A New Diagnostic for the Solar Wind. Astrophysical Journal, 2019, 879, 124.	1.6	62
33	Dust Destruction in Nonradiative Shocks. Astrophysical Journal, 2019, 882, 135.	1.6	13
34	Ion Charge States in a Time-Dependent Wave-Turbulence-Driven Model of the Solar Wind. Solar Physics, 2019, 294, 1.	1.0	12
35	CHEERS Results from NGC 3393. III. Chandra X-Ray Spectroscopy of the Narrow Line Region. Astrophysical Journal, 2019, 872, 94.	1.6	28
36	Interplay between physics and geometry in Balmer filaments: the case of SN 1006. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1537-1557.	1.6	2

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37	Numerical study of the cascading energy conversion of the reconnection current sheet in solar eruptions. Monthly Notices of the Royal Astronomical Society, 2019, 482, 588-605.	1.6	33
38	A Comprehensive Chandra Study of the Disk Wind in the Black Hole Candidate 4U 1630-472. Astrophysical Journal, 2019, 886, 104.	1.6	18
39	The Nature of the Broadband X-Ray Variability in the Dwarf Seyfert Galaxy NGC 4395. Astrophysical Journal, 2019, 886, 145.	1.6	9
40	First Evidence of Enhanced Recombination in Astrophysical Environments and the Implications for Plasma Diagnostics. Astrophysical Journal Letters, 2019, 887, L9.	3.0	11
41	Probing Coronal Magnetic Fields with Sungrazing Comets: H i Lyî± from Pickup Ions. Astrophysical Journal, 2019, 887, 45.	1.6	2
42	The Science of Sungrazers, Sunskirters, and Other Near-Sun Comets. Space Science Reviews, 2018, 214, 1.	3.7	60
43	Editorial to the Topical Collection on Supernovae. Space Science Reviews, 2018, 214, 1.	3.7	0
44	The Expansion of the Young Supernova Remnant 0509-68.7 (N103B). Astrophysical Journal Letters, 2018, 865, L13.	3.0	16
45	A Deep Near-infrared [Fe ii]+[Si i] Emission Line Image of the Supernova Remnant Cassiopeia A. Astrophysical Journal, 2018, 866, 139.	1.6	13
46	The Temperature and Ionization of Unshocked Ejecta in Cas A. Astrophysical Journal, 2018, 866, 128.	1.6	15
47	The Dynamical Behavior of Reconnection-driven Termination Shocks in Solar Flares: Magnetohydrodynamic Simulations. Astrophysical Journal, 2018, 869, 116.	1.6	38
48	X-Ray Structure between the Innermost Disk and Optical Broad-line Region in NGC 4151. Astrophysical Journal, 2018, 865, 97.	1.6	18
49	Predicting the COSIE-C Signal from the Outer Corona up to 3 Solar Radii. Astrophysical Journal, 2018, 865, 132.	1.6	14
50	The Cygnus Loopâ€™s distance, properties, and environment driven morphology. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1786-1798.	1.6	33
51	Simulating radiative magnetohydrodynamical flows with<scp>astrobear</scp>: implementation and applications of non-equilibrium cooling. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3098-3107.	1.6	3
52	Evidence for a Pulsar Wind Nebula in the Type Ib Peculiar Supernova SN 2012au. Astrophysical Journal Letters, 2018, 864, L36.	3.0	22
53	MMT Spectroscopy of Supernova Remnant Candidates in M33. Astrophysical Journal, 2018, 855, 140.	1.6	24
54	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

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55	Shock Waves in Supernova Ejecta. Space Science Reviews, 2018, 214, 1.	3.7	13
56	A Massive Shell of Supernova-formed Dust in SNR G54.1+0.3. Astrophysical Journal, 2017, 836, 129.	1.6	57
57	Balmer Filaments in Tychoâ€™s Supernova Remnant: An Interplay between Cosmic-ray and Broad-neutral Precursors. Astrophysical Journal, 2017, 846, 167.	1.6	13
58	iPTF15eqv: Multiwavelength ExposÃ© of a Peculiar Calcium-rich Transient. Astrophysical Journal, 2017, 846, 50.	1.6	30
59	Solar Flare Termination Shock and Synthetic Emission Line Profiles of the Fe xxi 1354.08 Ã... Line. Astrophysical Journal Letters, 2017, 846, L12.	3.0	17
60	Numerical Simulations of Supernova Remnant Evolution in a Cloudy Interstellar Medium. Astrophysical Journal, 2017, 846, 77.	1.6	31
61	Heating of an Erupting Prominence Associated with a Solar Coronal Mass Ejection on 2012 January 27. Astrophysical Journal, 2017, 844, 3.	1.6	18
62	CHEERS Results from NGC 3393. II. Investigating the Extended Narrow-line Region Using Deep Chandra Observations and Hubble Space Telescope Narrow-line Imaging. Astrophysical Journal, 2017, 844, 69.	1.6	28
63	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
64	Spatial Offsets in Flare-CME Current Sheets. Astrophysical Journal, 2017, 843, 121.	1.6	2
65	Discovery of a Kiloparsec Extended Hard X-Ray Continuum and Feâ€“KÎ± from the Compton Thick AGN ESO 428-G014. Astrophysical Journal Letters, 2017, 842, L4.	3.0	54
66	Ultraviolet and Optical Insights into Supernova Remnant Shocks. , 2017, , 2087-2104.		1
67	Balmer-dominated shocks in Tychoâ€™s SNR: omnipresence of CRs. Proceedings of the International Astronomical Union, 2017, 12, 248-253.	0.0	0
68	Ionâ€“Ion Equilibration and Particle Distributions in a 3000 km s^{â^'1} Shock in SN 1006. Astrophysical Journal, 2017, 851, 12.	1.6	15
69	Shock Waves in Supernova Ejecta. Space Sciences Series of ISSI, 2017, , 225-249.	0.0	0
70	SPATIALLY RESOLVED SPECTROSCOPY OF A BALMER-DOMINATED SHOCK IN THE CYGNUS LOOP: AN EXTREMELY THIN COSMIC-RAY PRECURSOR?. Astrophysical Journal Letters, 2016, 819, L32.	3.0	16
71	MAPPING SEYFERT AND LINER EXCITATION MODES IN THE INNER KPC OF NGC 3393. Astrophysical Journal, 2016, 829, 46.	1.6	18
72	AN ULTRA-FAST X-RAY DISK WIND IN THE NEUTRON STAR BINARY GX 340+0. Astrophysical Journal Letters, 2016, 822, L18.	3.0	14

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73	THE ACCRETION DISK WIND IN THE BLACK HOLE GRS 1915+105. Astrophysical Journal Letters, 2016, 821, L9.	3.0	52
74	DISKâ€“WIND CONNECTION DURING THE HEARTBEATS OF GRS 1915+105. Astrophysical Journal, 2016, 833, 165.	1.6	24
75	SECOND EPOCH HUBBLE SPACE TELESCOPE OBSERVATIONS OF KEPLERâ€™S SUPERNOVA REMNANT: THE PROPER MOTIONS OF BALMER FILAMENTS*. Astrophysical Journal, 2016, 817, 36.	1.6	32
76	INFRARED [FE II] EMISSION LINES FROM RADIATIVE ATOMIC SHOCKS. Journal of the Korean Astronomical Society, 2016, 49, 109-122.	1.5	24
77	Ultraviolet and Optical Insights into Supernova Remnant Shocks. , 2016, , 1-18.		0
78	POWERFUL, ROTATING DISK WINDS FROM STELLAR-MASS BLACK HOLES. Astrophysical Journal, 2015, 814, 87.	1.6	70
79	HIGH-RESOLUTION CHANDRA HETG SPECTROSCOPY OF V404 CYGNI IN OUTBURST. Astrophysical Journal Letters, 2015, 813, L37.	3.0	65
80	METAMORPHOSIS OF SN 2014C: DELAYED INTERACTION BETWEEN A HYDROGEN POOR CORE-COLLAPSE SUPERNOVA AND A NEARBY CIRCUMSTELLAR SHELL. Astrophysical Journal, 2015, 815, 120.	1.6	105
81	Review on Current Sheets in CME Development: Theories and Observations. Space Science Reviews, 2015, 194, 237-302.	3.7	71
82	MASS AND ENERGY OF ERUPTING SOLAR PLASMA OBSERVED WITH THE X-RAY TELESCOPE ONHINODE. Astrophysical Journal, 2015, 798, 106.	1.6	7
83	PROBING THE SOLAR WIND ACCELERATION REGION WITH THE SUN-GRAZING COMET C/2002 S2. Astrophysical Journal, 2015, 798, 47.	1.6	7
84	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
85	CARBON, HELIUM, AND PROTON KINETIC TEMPERATURES IN A CYGNUS LOOP SHOCK WAVE. Astrophysical Journal, 2015, 805, 152.	1.6	18
86	MODELING BRIGHTÎ³-RAY AND RADIO EMISSION AT FAST CLOUD SHOCKS. Astrophysical Journal, 2015, 806, 71.	1.6	44
87	Doppler-shift oscillations in the Hâ€‰i LyÎ±coronal emission line: spectroscopic signature of propagating kink waves?. Astronomy and Astrophysics, 2015, 573, A33.	2.1	7
88	IMAGING AND SPECTROSCOPIC OBSERVATIONS OF MAGNETIC RECONNECTION AND CHROMOSPHERIC EVAPORATION IN A SOLAR FLARE. Astrophysical Journal Letters, 2014, 797, L14.	3.0	117
89	THE SOLAR CORONA AS PROBED BY COMET LOVEJOY (C/2011 W3). Astrophysical Journal, 2014, 788, 152.	1.6	43
90	ELECTRON-ION EQUILIBRIUM AND SHOCK PRECURSORS IN THE NORTHEAST LIMB OF THE CYGNUS LOOP. Astrophysical Journal, 2014, 791, 30.	1.6	39

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91	SPITZEROBSERVATIONS OF THE TYPE IA SUPERNOVA REMNANT N103B: KEPLER'S OLDER COUSIN?. Astrophysical Journal, 2014, 790, 139.	1.6	29
92	SPITZERIRS OBSERVATIONS OF THE XA REGION IN THE CYGNUS LOOP SUPERNOVA REMNANT. Astrophysical Journal, 2014, 787, 3.	1.6	15
93	CHANDRASPECTROSCOPY OF MAXI J1305â€“704: DETECTION OF AN INFALLING BLACK HOLE DISK WIND?. Astrophysical Journal, 2014, 788, 53.	1.6	20
94	Collisionless Shocks in Partly Ionized Plasma with Cosmic Rays: Microphysics of Non-thermal Components. Space Science Reviews, 2013, 178, 599-632.	3.7	25
95	Collisional and Radiative Processes in Optically Thin Plasmas. Space Science Reviews, 2013, 178, 271-306.	3.7	23
96	Phosphorus in the Young Supernova Remnant Cassiopeia A. Science, 2013, 342, 1346-1348.	6.0	63
97	Microphysics of Cosmic Plasmas: Background, Motivation and Objectives. Space Science Reviews, 2013, 178, 77-80.	3.7	4
98	An Integral View of Fast Shocks Around Supernova 1006. Science, 2013, 340, 45-48.	6.0	39
99	Statistical and spectral properties of magnetic islands in reconnecting current sheets during two-ribbon flares. Physics of Plasmas, 2013, 20, 072114.	0.7	33
100	EXTREME-ULTRAVIOLET AND X-RAY OBSERVATIONS OF COMET LOVEJOY (C/2011 W3) IN THE LOWER CORONA. Astrophysical Journal, 2013, 768, 161.	1.6	29
101	NON-EQUILIBRIUM IONIZATION MODELING OF THE CURRENT SHEET IN A SIMULATED SOLAR ERUPTION. Astrophysical Journal, 2013, 773, 110.	1.6	38
102	BRIGHT RAY-LIKE FEATURES IN THE AFTERMATH OF CORONAL MASS EJECTIONS: WHITE LIGHT VERSUS ULTRAVIOLET SPECTRA. Astrophysical Journal, 2013, 766, 65.	1.6	25
103	GRAIN DESTRUCTION IN A SUPERNOVA REMNANT SHOCK WAVE. Astrophysical Journal, 2013, 778, 161.	1.6	22
104	HOT PLASMA ASSOCIATED WITH A CORONAL MASS EJECTION. Astrophysical Journal, 2013, 778, 29.	1.6	8
105	THE FIRST REPORTED INFRARED EMISSION FROM THE SN 1006 REMNANT. Astrophysical Journal, 2013, 764, 156.	1.6	21
106	REGULATION OF BLACK HOLE WINDS AND JETS ACROSS THE MASS SCALE. Astrophysical Journal, 2013, 762, 103.	1.6	64
107	Collisionless Shocks in Partly Ionized Plasma with Cosmic Rays: Microphysics of Non-thermal Components. Space Sciences Series of ISSI, 2013, , 523-556.	0.0	0
108	AN EXTREME X-RAY DISK WIND IN THE BLACK HOLE CANDIDATE IGR J17091â€“3624. Astrophysical Journal Letters, 2012, 746, L20.	3.0	90

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109	THE DISK-WIND-JET CONNECTION IN THE BLACK HOLE H 1743â€“322. Astrophysical Journal Letters, 2012, 759, L6.	3.0	58
110	Observational Aspects of Particle Acceleration in Large Solar Flares. Space Science Reviews, 2012, 173, 197-221.	3.7	26
111	Observational Signatures of Particle Acceleration in Supernova Remnants. Space Science Reviews, 2012, 173, 369-431.	3.7	146
112	Cosmic Plasmas and Particle Acceleration: An Introduction. Space Science Reviews, 2012, 173, 1-4.	3.7	5
113	LOW IONIZATION STATE PLASMA IN CORONAL MASS EJECTIONS. Astrophysical Journal, 2012, 758, 116.	1.6	10
114	WARM ABSORBERS AND OUTFLOWS IN THE SEYFERT-1 GALAXY NGC 4051. Astrophysical Journal, 2012, 746, 2.	1.6	28
115	ASYMMETRIC MAGNETIC RECONNECTION IN SOLAR FLARE AND CORONAL MASS EJECTION CURRENT SHEETS. Astrophysical Journal, 2012, 751, 56.	1.6	31
116	Observational Signatures of Particle Acceleration in Supernova Remnants. Space Sciences Series of ISSI, 2012, , 369-431.	0.0	1
117	PLASMA HEATING DURING A CORONAL MASS EJECTION OBSERVED BY THESOLAR AND HELIOSPHERIC OBSERVATORY. Astrophysical Journal, 2011, 735, 17.	1.6	51
118	EFFECTS OF NEUTRAL HYDROGEN ON COSMIC-RAY PRECURSORS IN SUPERNOVA REMNANT SHOCK WAVES. Astrophysical Journal Letters, 2011, 731, L14.	3.0	30
119	DUSTY BLAST WAVES OF TWO YOUNG LARGE MAGELLANIC CLOUD SUPERNOVA REMNANTS: CONSTRAINTS ON POST-SHOCK COMPRESSION. Astrophysical Journal, 2011, 729, 65.	1.6	32
120	OBSERVATIONS AND INTERPRETATION OF A LOW CORONAL SHOCK WAVE OBSERVED IN THE EUV BY THE SDO/AIA. Astrophysical Journal, 2011, 738, 160.	1.6	137
121	NON-MAXWELLIAN HÎ± PROFILES IN TYCHOâ€™S SUPERNOVA REMNANT. Astrophysical Journal, 2010, 712, 901-907.	1.6	45
122	ON THE PROPERTIES OF THERMAL DISK WINDS IN X-RAY TRANSIENT SOURCES: A CASE STUDY OF GRO J1655â€“40. Astrophysical Journal, 2010, 719, 515-522.	1.6	63
123	ULTRAVIOLET SPECTRA OF THE C-2003K7 COMET: EVIDENCE FOR DUST SUBLIMATION IN Si AND C LINES. Astrophysical Journal Letters, 2010, 713, L69-L73.	3.0	15
124	DUST DESTRUCTION IN A NON-RADIATIVE SHOCK IN THE CYGNUS LOOP SUPERNOVA REMNANT. Astrophysical Journal, 2010, 712, 1092-1099.	1.6	34
125	RESOLVED SHOCK STRUCTURE OF THE BALMER-DOMINATED FILAMENTS IN TYCHO â€™S SUPERNOVA REMNANT: COSMIC-RAY PRECURSOR?. Astrophysical Journal Letters, 2010, 715, L146-L149.	3.0	70
126	THE ROLE OF DIFFUSIVE SHOCK ACCELERATION ON NONEQUILIBRIUM IONIZATION IN SUPERNOVA REMNANT SHOCKS. II. EMITTED SPECTRA. Astrophysical Journal, 2010, 725, 1476-1484.	1.6	25

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127	MODELING UV AND X-RAY EMISSION IN A POST-CORONAL MASS EJECTION CURRENT SHEET. Astrophysical Journal, 2010, 722, 625-641.	1.6	36
128	DEEPCHANDRAOBSERVATIONS OF THE CRAB-LIKE PULSAR WIND NEBULA G54.1+0.3 ANDSPITZERSPECTROSCOPY OF THE ASSOCIATED INFRARED SHELL. Astrophysical Journal, 2010, 710, 309-324.	1.6	55
129	Pickup Ions in Supernova Remnant Shock Waves. , 2010, , .		0
130	PHYSICAL CONDITIONS IN A CORONAL MASS EJECTION FROMHINODE,STEREO, ANDSOHOOBSERVATIONS. Astrophysical Journal, 2010, 711, 75-98.	1.6	81
131	INVESTIGATION OF THICKNESS AND ELECTRICAL RESISTIVITY OF THE CURRENT SHEETS IN SOLAR ERUPTIONS. Astrophysical Journal, 2009, 693, 1666-1677.	1.6	56
132	SPECTRUM SYNTHESIS MODELING OF THE X-RAY SPECTRUM OF GRO J1655-40 TAKEN DURING THE 2005 OUTBURST. Astrophysical Journal, 2009, 701, 865-884.	1.6	89
133	SPITZERSPECTROSCOPY OF THE GALACTIC SUPERNOVA REMNANT G292.0+1.8: STRUCTURE AND COMPOSITION OF THE OXYGEN-RICH EJECTA. Astrophysical Journal, 2009, 696, 1307-1318.	1.6	17
134	SHOCK SPEED, COSMIC RAY PRESSURE, AND GAS TEMPERATURE IN THE CYGNUS LOOP. Astrophysical Journal, 2009, 702, 327-339.	1.6	38
135	THREE-DIMENSIONAL STRUCTURE AND ENERGY BALANCE OF A CORONAL MASS EJECTION. Astrophysical Journal, 2009, 692, 1271-1286.	1.6	48
136	Cosmic-Ray Acceleration in Supernova Remnants. Science, 2009, 325, 683-684.	6.0	3
137	A COSMIC-RAY PRECURSOR MODEL FOR A BALMER-DOMINATED SHOCK IN TYCHO'S SUPERNOVA REMNANT. Astrophysical Journal, 2009, 690, 1412-1423.	1.6	30
138	Morphology and density structure of post-CME current sheets. Astronomy and Astrophysics, 2009, 499, 905-916.	2.1	49
139	UV diagnostics for the energy budget of flares and CMEs. Journal of Astrophysics and Astronomy, 2008, 29, 187-193.	0.4	4
140	Next generation UV coronagraph instrumentation for solar cycle-24. Journal of Astrophysics and Astronomy, 2008, 29, 321-327.	0.4	12
141	Posteruptive phenomena in coronal mass ejections and substorms: Indicators of a universal process?. Journal of Geophysical Research, 2008, 113, .	3.3	19
142	Inferring Particle Acceleration in Supernova Remnant Shocks. AIP Conference Proceedings, 2008, , .	0.3	0
143	The Current Sheet Associated with the 2003 November 4 Coronal Mass Ejection: Density, Temperature, Thickness, and Line Width. Astrophysical Journal, 2008, 686, 1372-1382.	1.6	144
144	Spatial Structure and Collisionless Electron Heating in Balmerâ€dominated Shocks. Astrophysical Journal, 2008, 689, 1089-1104.	1.6	93

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145	The Accretion Disk Wind in the Black Hole GRO J1655â˜'40. Astrophysical Journal, 2008, 680, 1359-1377.	1.6	150
146	Nonâ€Maxwellian Proton Velocity Distributions in Nonradiative Shocks. Astrophysical Journal, 2008, 682, 408-415.	1.6	33
147	Ejecta, Dust, and Synchrotron Radiation in SNR B0540â˜'69.3: A More Crabâ€Like Remnant than the Crab. Astrophysical Journal, 2008, 687, 1054-1069.	1.6	49
148	Measurement and calculation of absolute cross sections for excitation of the3s23pP1â•2o2â˜'3s23pP3â•2o2fine-structure transition inFe13+. Physical Review A, 2007, 75, .	1.0	8
149	CH Cygni Xâ€Ray Jet Activity and Multicomponent Structures. Astrophysical Journal, 2007, 661, 1048-1054.	1.6	39
150	The Detection of Farâ€Ultraviolet Line Emission from Balmerâ€Dominated Supernova Remnants in the Large Magellanic Cloud. Astrophysical Journal, 2007, 664, 304-321.	1.6	35
151	Far Ultraviolet Spectroscopic ExplorerSpectroscopy of the XA Region in the Cygnus Loop Supernova Remnant. Astronomical Journal, 2007, 133, 1383-1392.	1.9	8
152	The Preshock Gas of SN 1006 fromHubble Space TelescopeAdvanced Camera for Surveys Observations. Astrophysical Journal, 2007, 659, 1257-1264.	1.6	49
153	Subaru HDS Observations of a Balmer-dominated Shock in Tycho's Supernova Remnant. Astrophysical Journal, 2007, 659, L133-L136.	1.6	61
154	Features and Properties of Coronal Mass Ejection/Flare Current Sheets. Astrophysical Journal, 2007, 658, L123-L126.	1.6	83
155	The Transition Zone in Balmerâ€dominated Shocks. Astrophysical Journal, 2007, 668, 275-284.	1.6	32
156	A review of SOHO/UVCS observations of sungrazing comets. Planetary and Space Science, 2007, 55, 1021-1030.	0.9	19
157	Tracking UVCS/SOHO Responsivity with Observations of Î¶ÂTau. Solar Physics, 2007, 243, 93-104.	1.0	2
158	SimultaneousChandraandRXTESpectroscopy of the Microquasar H1743â˜'322: Clues to Disk Wind and Jet Formation from a Variable Ionized Outflow. Astrophysical Journal, 2006, 646, 394-406.	1.6	136
159	Dust Destruction in Type Ia Supernova Remnants in the Large Magellanic Cloud. Astrophysical Journal, 2006, 642, L141-L144.	1.6	78
160	Dust Destruction in Fast Shocks of Core-Collapse Supernova Remnants in the Large Magellanic Cloud. Astrophysical Journal, 2006, 652, L33-L36.	1.6	85
161	The Expansion Asymmetry and Age of the Cassiopeia A Supernova Remnant. Astrophysical Journal, 2006, 645, 283-292.	1.6	238
162	Current Sheet Evolution in the Aftermath of a CME Event. Astrophysical Journal, 2006, 638, 1110-1128.	1.6	81

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163	Ultraviolet Properties of Halo Coronal Mass Ejections: Doppler Shifts, Angles, Shocks, and Bulk Morphology. Astrophysical Journal, 2006, 652, 774-792.	1.6	37
164	Discovery of Outlying Highâ€Velocity Oxygenâ€Rich Ejecta in Cassiopeia A. Astrophysical Journal, 2006, 636, 859-872.	1.6	51
165	The magnetic nature of disk accretion onto black holes. Nature, 2006, 441, 953-955.	13.7	225
166	Coronal Observations of CMEs. Space Science Reviews, 2006, 123, 127-176.	3.7	72
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