Enrico Landi

List of Publications by Year
in descending order

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169	8,189	87888 38	53230 85
papers	citations	h-index	g-index

173	173	173	3102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Charge State Calculation for Global Solar Wind Modeling. Astrophysical Journal, 2022, 926, 35.	4.5	8
2	AWSoM Magnetohydrodynamic Simulation of a Solar Active Region with Realistic Spectral Synthesis. Astrophysical Journal, 2022, 928, 34.	4.5	6
3	Fe vii Emission Lines in the Wavelength Range 193â€“197 Ã…. Astrophysical Journal, 2021, 908, 104.	4.5	5
4	CHIANTIâ€”An Atomic Database for Emission Lines. XVI. Version 10, Further Extensions. Astrophysical Journal, 2021, 909, 38.	4.5	173
5	Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST). Solar Physics, 2021, 296, 1.	2.5	65
6	Fe xii and Fe xiii Line Widths in the Polar Off-limb Solar Corona up to 1.5 R _{âŠ™}. Astrophysical Journal, 2021, 913, 74.	4.5	1
7	Hinode/EIS Coronal Magnetic Field Measurements at the Onset of a C2 Flare. Astrophysical Journal, 2021, 913, 1.	4.5	20
8	A Theoretical Investigation of the Magnetic-field-induced Transition in Fe X, of Importance for Measuring Magnetic Field Strengths in the Solar Corona. Astrophysical Journal, 2021, 913, 135.	4.5	14
9	Gyroresonance and Freeâ€“Free Radio Emissions from Multithermal Multicomponent Plasma. Astrophysical Journal, 2021, 914, 52.	4.5	8
10	Measurements of Coronal Magnetic Field Strengths in Solar Active Region Loops. Astrophysical Journal Letters, 2021, 915, L24.	8.3	17
11	Introduction of Zeeman splitting in CHIANTI. Journal of Plasma Physics, 2020, 86, .	2.1	2
12	SUMER Measurement of the Fe x 3p ⁴3dÂ⁴D_{5/2,7/2} Energy Difference. Astrophysical Journal, 2020, 902, 21.	4.5	11
13	Hinode/EIS Measurements of Active-region Magnetic Fields. Astrophysical Journal, 2020, 904, 87.	4.5	32
14	On the Production of He⁺ of Solar Origin in the Solar Wind. Astrophysical Journal, 2020, 899, 11.	4.5	9
15	Identifying Spectral Lines to Study Coronal Mass Ejection Evolution in the Lower Corona. Astrophysical Journal, Supplement Series, 2019, 243, 34.	7.7	10
16	SPECTRUM: Synthetic Spectral Calculations for Global Space Plasma Modeling. Astrophysical Journal, Supplement Series, 2019, 242, 1.	7.7	14
17	CHIANTIâ€”An Atomic Database for Emission Lines. XV. Version 9, Improvements for the X-Ray Satellite Lines. Astrophysical Journal, Supplement Series, 2019, 241, 22.	7.7	182
18	Empirical Modeling of CME Evolution Constrained to ACE/SWICS Charge State Distributions. Astrophysical Journal, 2019, 874, 164.	4.5	25

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19	Nonequilibrium Ionization Effects on Coronal Plasma Diagnostics and Elemental Abundance Measurements. Astrophysical Journal, 2019, 882, 154.	4.5	9
20	The First Empirical Determination of the Fe¹⁰⁺ and Fe¹³⁺ Freeze-in Distances in the Solar Corona. Astrophysical Journal, 2018, 859, 155.	4.5	32
21	High resolution spectropolarimetry: from Astrophysics to ECR plasmas. Journal of Instrumentation, 2018, 13, C11020-C11020.	1.2	4
22	EUV Emission and Scattered Light Diagnostics of Equatorial Coronal Holes as Seen by Hinode/EIS. Astrophysical Journal, 2018, 856, 28.	4.5	15
23	Tracking Filament Evolution in the Low Solar Corona Using Remote Sensing and In Situ Observations. Astrophysical Journal, 2018, 860, 51.	4.5	6
24	Bright Network, UVA, and the Physical Modeling of Solar Spectral and Total Irradiance in Recent Solar Cycles. Astrophysical Journal, 2018, 861, 120.	4.5	11
25	CORONAL JETS SIMULATED WITH THE GLOBAL ALFVÃ‰N WAVE SOLAR MODEL. Astrophysical Journal, 2017, 834, 123.	4.5	11
26	ANATOMY OF DEPLETED INTERPLANETARY CORONAL MASS EJECTIONS. Astrophysical Journal, 2017, 834, 147.	4.5	16
27	AN ANOMALOUS COMPOSITION IN SLOW SOLAR WIND AS A SIGNATURE OF MAGNETIC RECONNECTION IN ITS SOURCE REGION. Astrophysical Journal, Supplement Series, 2017, 228, 4.	7.7	20
28	The Deflection of the Cartwheel CME: ForeCAT Results. Astrophysical Journal, 2017, 839, 37.	4.5	8
29	AlfvÃ©n Wave Turbulence as a Coronal Heating Mechanism: Simultaneously Predicting the Heating Rate and the Wave-induced Emission Line Broadening. Astrophysical Journal, 2017, 845, 98.	4.5	27
30	On the Relation between the In Situ Properties and the Coronal Sources of the Solar Wind. Astrophysical Journal, 2017, 846, 135.	4.5	37
31	Energy Input Flux in the Global Quiet-Sun Corona. Astrophysical Journal, 2017, 843, 70.	4.5	7
32	Testing Models of the Fast Solar Wind using Spectroscopic and In Situ Observations. Proceedings of the International Astronomical Union, 2017, 13, 87-89.	0.0	0
33	The Coronal Solar Magnetism Observatory. Proceedings of the International Astronomical Union, 2017, 13, 359-361.	0.0	1
34	Anomalously low C6+/C5+ ratio in solar wind: ACE/SWICS observation. AIP Conference Proceedings, 2016, , .	0.4	3
35	ON SOLAR WIND ORIGIN AND ACCELERATION: MEASUREMENTS FROM ACE. Astrophysical Journal, 2016, 829, 117.	4.5	29
36	Scientific objectives and capabilities of the Coronal Solar Magnetism Observatory. Journal of Geophysical Research: Space Physics, 2016, 121, 7470-7487.	2.4	40

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37	Coronal plasma diagnostics from groundâ€based observations. Journal of Geophysical Research: Space Physics, 2016, 121, 8237-8249.	2.4	31
38	MULTIMODAL DIFFERENTIAL EMISSION MEASURE IN THE SOLAR CORONA. Astrophysical Journal, 2015, 811, 128.	4.5	15
39	CHIANTI â€“ An atomic database for emission lines. Version 8. Astronomy and Astrophysics, 2015, 582, A56.	5.1	372
40	A STEADY-STATE PICTURE OF SOLAR WIND ACCELERATION AND CHARGE STATE COMPOSITION DERIVED FROM A GLOBAL WAVE-DRIVEN MHD MODEL. Astrophysical Journal, 2015, 806, 55.	4.5	42
41	MODELING THE CHROMOSPHERE OF A SUNSPOT AND THE QUIET SUN. Astrophysical Journal, 2015, 811, 87.	4.5	19
42	PHOTOIONIZATION IN THE SOLAR WIND. Astrophysical Journal Letters, 2015, 812, L28.	8.3	14
43	NEON AND OXYGEN ABUNDANCES AND ABUNDANCE RATIO IN THE SOLAR CORONA. Astrophysical Journal, 2015, 800, 110.	4.5	27
44	SOLAR SPECTRAL IRRADIANCE, SOLAR ACTIVITY, AND THE NEAR-ULTRA-VIOLET. Astrophysical Journal, 2015, 809, 157.	4.5	49
45	ON THE ORIGIN OF MID-LATITUDE FAST WIND: CHALLENGING THE TWO-STATE SOLAR WIND PARADIGM. Astrophysical Journal, 2015, 801, 100.	4.5	47
46	BRIGHT HOT IMPACTS BY ERUPTED FRAGMENTS FALLING BACK ON THE SUN: UV REDSHIFTS IN STELLAR ACCRETION. Astrophysical Journal Letters, 2014, 797, L5.	8.3	22
47	POLAR AND EQUATORIAL CORONAL HOLE WINDS AT SOLAR MINIMA: FROM THE HELIOSPHERE TO THE INNER CORONA. Astrophysical Journal, 2014, 781, 110.	4.5	11
48	THE ABSOLUTE CALIBRATION OF THE EUV IMAGING SPECTROMETER ON HINODE. Astrophysical Journal, Supplement Series, 2014, 213, 11.	7.7	64
49	THE SOLAR WIND NEON ABUNDANCE OBSERVED WITHACE/SWICS ANDULYSSES/SWICS. Astrophysical Journal, 2014, 789, 60.	4.5	44
50	THE TEMPERATURE OF QUIESCENT STREAMERS DURING SOLAR CYCLES 23 AND 24. Astrophysical Journal, 2014, 787, 33.	4.5	8
51	CHARGE STATE EVOLUTION IN THE SOLAR WIND. III. MODEL COMPARISON WITH OBSERVATIONS. Astrophysical Journal, 2014, 790, 111.	4.5	27
52	Far- and Extreme-UV Solar Spectral Irradiance and Radiance from Simplified Atmospheric Physical Models. Solar Physics, 2014, 289, 515-544.	2.5	37
53	THE EVOLUTION OF 1 AU EQUATORIAL SOLAR WIND AND ITS ASSOCIATION WITH THE MORPHOLOGY OF THE HELIOSPHERIC CURRENT SHEET FROM SOLAR CYCLES 23 TO 24. Astrophysical Journal, 2014, 793, 44.	4.5	29
54	DENSITY DIAGNOSTICS OF CORONAL MASS EJECTION CORES WITH THE SOLAR DYNAMICS OBSERVATORY /ATMOSPHERIC IMAGING ASSEMBLY. Astrophysical Journal Letters, 2014, 780, L7.	8.3	7

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55	Atomic data and spectral line intensities for Ca IX. Atomic Data and Nuclear Data Tables, 2014, 100, 1519-1592.	2.4	4
56	CALCULATED RESONANCE LINE PROFILES OF [Mg II], [C II], AND [Si IV] IN THE SOLAR ATMOSPHERE. Astrophysical Journal, 2013, 779, 155.	4.5	16
57	A GLOBAL WAVE-DRIVEN MAGNETOHYDRODYNAMIC SOLAR MODEL WITH A UNIFIED TREATMENT OF OPEN AND CLOSED MAGNETIC FIELD TOPOLOGIES. Astrophysical Journal, 2013, 778, 176.	4.5	85
58	CHIANTIâ€"AN ATOMIC DATABASE FOR EMISSION LINES. XIII. SOFT X-RAY IMPROVEMENTS AND OTHER CHANGES. Astrophysical Journal, 2013, 763, 86.	4.5	401
59	SOLAR WIND HEAVY IONS OVER SOLAR CYCLE 23:ACE/SWICS MEASUREMENTS. Astrophysical Journal, 2013, 768, 94.	4.5	78
60	TWO NOVEL PARAMETERS TO EVALUATE THE GLOBAL COMPLEXITY OF THE SUN'S MAGNETIC FIELD AND TRACK THE SOLAR CYCLE. Astrophysical Journal, 2013, 773, 157.	4.5	8
61	PROMINENCE PLASMA DIAGNOSTICS THROUGH EXTREME-ULTRAVIOLET ABSORPTION. Astrophysical Journal, 2013, 772, 71.	4.5	26
62	HOT PLASMA ASSOCIATED WITH A CORONAL MASS EJECTION. Astrophysical Journal, 2013, 778, 29.	4.5	8
63	Bright Hot Impacts by Erupted Fragments Falling Back on the Sun: A Template for Stellar Accretion. Science, 2013, 341, 251-253.	12.6	47
64	NEWLY DISCOVERED GLOBAL TEMPERATURE STRUCTURES IN THE QUIET SUN AT SOLAR MINIMUM. Astrophysical Journal, 2012, 755, 86.	4.5	25
65	CARBON IONIZATION STAGES AS A DIAGNOSTIC OF THE SOLAR WIND. Astrophysical Journal, 2012, 744, 100.	4.5	66
66	TESTING EUV/X-RAY ATOMIC DATA FOR THESOLAR DYNAMICS OBSERVATORY. Astrophysical Journal, 2012, 745, 111.	4.5	47
67	Monte Carlo Markov chain DEM reconstruction of isothermal plasmas. Astronomy and Astrophysics, 2012, 538, A111.	5.1	18
68	POST-FLARE ULTRAVIOLET LIGHT CURVES EXPLAINED WITH THERMAL INSTABILITY OF LOOP PLASMA. Astrophysical Journal, 2012, 746, 18.	4.5	16
69	EVIDENCE OF WAVE DAMPING AT LOW HEIGHTS IN A POLAR CORONAL HOLE. Astrophysical Journal, 2012, 753, 36.	4.5	68
70	Sources of Solar Wind at Solar Minimum: Constraints from Composition Data. Space Science Reviews, 2012, 172, 41-55.	8.1	20
71	Atomic data and spectral line intensities for Ni XV. Atomic Data and Nuclear Data Tables, 2012, 98, 862-893.	2.4	9
72	CHARGE STATE EVOLUTION IN THE SOLAR WIND. RADIATIVE LOSSES IN FAST SOLAR WIND PLASMAS. Astrophysical Journal Letters, 2012, 758, L21.	8.3	14

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73	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.	4.5	50
74	NEW SOLAR WIND DIAGNOSTIC USING BOTH IN SITU AND SPECTROSCOPIC MEASUREMENTS. Astrophysical Journal, 2012, 750, 159.	4.5	34
75	FIRST MEASUREMENTS OF THE COMPLETE HEAVY-ION CHARGE STATE DISTRIBUTIONS OF C, O, AND Fe ASSOCIATED WITH INTERPLANETARY CORONAL MASS EJECTIONS. Astrophysical Journal, 2012, 751, 20.	4.5	33
76	TEMPERATURE AND EXTREME-ULTRAVIOLET INTENSITY IN A CORONAL PROMINENCE CAVITY AND STREAMER. Astrophysical Journal, 2012, 757, 73.	4.5	30
77	POST-CORONAL MASS EJECTION PLASMA OBSERVED BYHINODE. Astrophysical Journal, 2012, 751, 21.	4.5	24
78	TEMPERATURE DISTRIBUTION OF A NON-FLARING ACTIVE REGION FROM SIMULTANEOUSHINODEXRT AND EIS OBSERVATIONS. Astrophysical Journal, 2011, 728, 30.	4.5	59
79	DIFFERENTIAL EMISSION MEASURE ANALYSIS OF A POLAR CORONAL HOLE DURING THE SOLAR MINIMUM IN 2007. Astrophysical Journal, 2011, 736, 101.	4.5	24
80	Atomic data and spectral line intensities for Fe XV. Atomic Data and Nuclear Data Tables, 2011, 97, 587-647.	2.4	13
81	Atomic data and spectral line intensities for Ni XVII. Atomic Data and Nuclear Data Tables, 2011, 97, 189-224.	2.4	8
82	A large-scaleR-matrix calculation for electron-impact excitation of the Ne^{2 +}, O-like ion. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 175206.	1.5	12
83	BRIGHT POINTS AND JETS IN POLAR CORONAL HOLES OBSERVED BY THE EXTREME-ULTRAVIOLET IMAGING SPECTROMETER ONHINODE. Astrophysical Journal, 2010, 710, 1806-1824.	4.5	42
84	ON THE ISOTHERMALITY OF SOLAR PLASMAS. Astrophysical Journal, 2010, 723, 320-328.	4.5	21
85	THE RELATIVE INTENSITY CALIBRATION OFHINODE/EIS ANDSOHO/SUMER. Astrophysical Journal, 2010, 714, 636-643.	4.5	16
86	PROPERTIES OF A POLAR CORONAL HOLE DURING THE SOLAR MINIMUM IN 2007. Astrophysical Journal, 2010, 725, 774-786.	4.5	10
87	Atomic data and spectral line intensities for Ni XIV. Atomic Data and Nuclear Data Tables, 2010, 96, 52-84.	2.4	7
88	The Structure and Dynamics of the Upper Chromosphere and Lower Transition Region as Revealed by the Subarcsecond VAULT Observations. Solar Physics, 2010, 261, 53-75.	2.5	54
89	NEW Fe VIII LINE IDENTIFICATIONS USING OBSERVATIONS OF THE QUIET SUN. Astrophysical Journal, 2010, 713, 205-211.	4.5	8
90	PHYSICAL CONDITIONS IN A CORONAL MASS EJECTION FROMHINODE,STEREO, ANDSOHOOBSERVATIONS. Astrophysical Journal, 2010, 711, 75-98.	4.5	81

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91	THE EMISSION MEASURE OF THE SOLAR LOWER TRANSITION REGION (2 Ã— 10⁴-2 Ã—) Tj ETQq1 1 0.784314 rgBT /Ove	4.5	8
92	NEW Fe IX LINE IDENTIFICATIONS USINGSOLAR AND HELIOSPHERIC OBSERVATORY/SOLAR ULTRAVIOLET MEASUREMENT OF EMITTED RADIATION ANDHINODE/EIS JOINT OBSERVATIONS OF THE QUIET SUN. Astrophysical Journal, 2009, 707, 1191-1200.	4.5	17
93	CHIANTIâ€"AN ATOMIC DATABASE FOR EMISSION LINES. XI. EXTREME-ULTRAVIOLET EMISSION LINES OF Fe VII, Fe VIII, AND Fe IX OBSERVED BYHINODE/EIS. Astrophysical Journal, 2009, 707, 173-192.	4.5	38
94	PHYSICAL PROPERTIES OF COOLING PLASMA IN QUIESCENT ACTIVE REGION LOOPS. Astrophysical Journal, 2009, 695, 221-237.	4.5	18
95	ION TEMPERATURES IN THE LOW SOLAR CORONA: POLAR CORONAL HOLES AT SOLAR MINIMUM. Astrophysical Journal, 2009, 691, 794-805.	4.5	56
96	CHIANTIâ€"AN ATOMIC DATABASE FOR EMISSION LINES. X. SPECTRAL ATLAS OF A COLD FEATURE OBSERVED WITHHINODE/EUV IMAGING SPECTROMETER. Astrophysical Journal, 2009, 706, 1-20.	4.5	43
97	Atomic data and spectral line intensities for Ni XXV. Atomic Data and Nuclear Data Tables, 2009, 95, 547-576.	2.4	6
98	CHIANTI â€“ an atomic database for emission lines. Astronomy and Astrophysics, 2009, 498, 915-929.	5.1	379
99	A NEW APPROACH TO ANALYZING SOLAR CORONAL SPECTRA AND UPDATED COLLISIONAL IONIZATION EQUILIBRIUM CALCULATIONS. II. UPDATED IONIZATION RATE COEFFICIENTS. Astrophysical Journal, 2009, 691, 1540-1559.	4.5	220
100	He-like Ar xvii triplet observed by RESIK. Advances in Space Research, 2008, 42, 833-837.	2.6	0
101	Atomic data and spectral line intensities for S XIII. Atomic Data and Nuclear Data Tables, 2008, 94, 1-37.	2.4	12
102	Atomic data and spectral line intensities for Ar XV. Atomic Data and Nuclear Data Tables, 2008, 94, 223-256.	2.4	11
103	Determination of K, Ar, Cl, S, Si and Al flare abundances from RESIK soft X-ray spectra. Advances in Space Research, 2008, 42, 838-843.	2.6	10
104	The Thermal Structure of an Active Region Observed Outside the Solar Disk. Astrophysical Journal, 2008, 672, 674-683.	4.5	37
105	Line Intensity Ratios in the EIS Range Sensitive to Electron Densities in 10⁷K Plasmas. Astrophysical Journal, 2008, 679, 843-847.	4.5	7
106	The Quietâ€Sun Differential Emission Measure from Radio and UV Measurements. Astrophysical Journal, 2008, 675, 1629-1636.	4.5	30
107	The Offâ€Disk Thermal Structure of a Polar Coronal Hole. Astrophysical Journal, 2008, 685, 1270-1276.	4.5	38
108	Analysis of a Solar Coronal Bright Point Extreme Ultraviolet Spectrum from the EUNIS Sounding Rocket Instrument. Astrophysical Journal, 2008, 677, 781-789.	4.5	23

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109	Nonthermal Electron Measurements in Solar Flares withHinodeEIS. Astrophysical Journal, 2008, 684, 707-714.	4.5	9
110	An Observation of Lowâ€Level Heating in an Erupting Prominence. Astrophysical Journal, 2008, 673, 611-620.	4.5	13
111	EUV Emission Lines and Diagnostics Observed with Hinode/EIS. Publication of the Astronomical Society of Japan, 2007, 59, S857-S864.	2.5	175
112	Neon and Oxygen Absolute Abundances in the Solar Corona. Astrophysical Journal, 2007, 659, 743-749.	4.5	33
113	Ion Temperatures in the Quiet Solar Corona. Astrophysical Journal, 2007, 663, 1363-1368.	4.5	24
114	Diagnostics of Suprathermal Electrons in Activeâ€Region Plasmas Using Heâ€like UV Lines. Astrophysical Journal, 2007, 660, 1674-1682.	4.5	19
115	Atomic data and spectral line intensities for Mg IX. Atomic Data and Nuclear Data Tables, 2007, 93, 742-778.	2.4	8
116	Plasma Diagnostics of the Largeâ€Scale Corona with SUMER. I. Measurements at the West Limb. Astrophysical Journal, 2006, 643, 1258-1270.	4.5	19
117	Ultraviolet Observations of Prominence Activation and Cool Loop Dynamics. Astrophysical Journal, 2006, 645, 1525-1536.	4.5	17
118	Atomic data and spectral line intensities for Mg V. Atomic Data and Nuclear Data Tables, 2006, 92, 105-175.	2.4	11
119	Atomic data and spectral line intensities for Ar XI. Atomic Data and Nuclear Data Tables, 2006, 92, 305-374.	2.4	9
120	Critical datasets for benchmarking atomic codes: Calibrated line intensities emitted by well-diagnosed solar plasmas. High Energy Density Physics, 2006, 2, 104-112.	1.5	1
121	CHIANTIâ€”An Atomic Database for Emission Lines. VIII. Comparison with Solar Flare Spectra from the Solar Maximum Mission Flat Crystal Spectrometer. Astrophysical Journal, Supplement Series, 2006, 166, 421-440.	7.7	32
122	Atomic Data for Highâ€Energy Configurations in Fexviiâ€“xxiii. Astrophysical Journal, 2006, 640, 1171-1179.	4.5	45
123	CHIANTIâ€”An Atomic Database for Emission Lines. VII. New Data for Xâ€Rays and Other Improvements. Astrophysical Journal, Supplement Series, 2006, 162, 261-280.	7.7	404
124	Coronal Element Comparison Observed bySOHOSUMER in the Quiet Southeast and Northwest Limb Regions at 1.04RâŠ™above the Solar Disk. Astrophysical Journal, 2005, 622, 1211-1215.	4.5	10
125	The Highâ€Temperature Response of theTRACE171 A and 195 A Channels. Astrophysical Journal, 2005, 626, 1110-1115.	4.5	23
126	The CHIANTI Database. Highlights of Astronomy, 2005, 13, 653-656.	0.0	1

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127	Helium Abundance in Highâ€Temperature Solar Flare Plasmas. Astrophysical Journal, 2005, 619, 1142-1152.	4.5	18
128	Atomic data and spectral line intensities for Ar XII. Atomic Data and Nuclear Data Tables, 2005, 89, 139-194.	2.4	11
129	Atomic data and spectral line intensities for Ne III. Atomic Data and Nuclear Data Tables, 2005, 89, 195-265.	2.4	12
130	Spectral Atlas of Xâ€Ray Lines Emitted during Solar Flares Based on CHIANTI. Astrophysical Journal, Supplement Series, 2005, 160, 286-311.	7.7	38
131	On the sources of fast and slow solar wind. Journal of Geophysical Research, 2005, 110, .	3.3	90
132	Models for Solar Magnetic Loops. V. A New Diagnostic Technique to Compare Loop Models and Observations. Astrophysical Journal, 2005, 618, 1039-1043.	4.5	7
133	Properties of a Sunspot Plume Observed with the Coronal Diagnostic Spectrometer Aboard theSolar and Heliospheric Observatory. Astrophysical Journal, 2005, 632, 1196-1203.	4.5	11
134	Newly Identified Forbidden Transitions within the Ground Configuration of Ions of Very Low Abundance P, Cl, K, and Co. Astrophysical Journal, 2004, 607, 1039-1045.	4.5	8
135	Models for Solar Magnetic Loops. IV. On the Relation between Coronal and Footpoint Plasma in Active Region Loops. Astrophysical Journal, 2004, 611, 537-544.	4.5	12
136	Models for Solar Magnetic Loops. III. Dynamic Models and Coronal Diagnostic Spectrometer Observations. Astrophysical Journal, 2004, 608, 1133-1147.	4.5	26
137	Atomic Data and Spectral Line Intensities for Caviii. Astrophysical Journal, 2004, 607, 640-652.	4.5	10
138	Detection of H- and He-like resonance lines of chlorine in solar flare spectra. Proceedings of the International Astronomical Union, 2004, 2004, 671-674.	0.0	8
139	Observations Indicating That â^¼1 x 107K Solar Flare Plasmas May Be Produced in Situ from â^¼1 x 106K Coronal Plasma. Astrophysical Journal, 2004, 609, 439-451.	4.5	25
140	Atomic data and spectral line intensities for Ni XXI. Atomic Data and Nuclear Data Tables, 2003, 83, 71-112.	2.4	24
141	Atomic data and spectral line intensities for Ne III. Atomic Data and Nuclear Data Tables, 2003, 83, 113-152.	2.4	8
142	Atomic data and spectral line intensities for S IX. Atomic Data and Nuclear Data Tables, 2003, 85, 169-253.	2.4	11
143	CHIANTIâ€”An Atomic Database for Emission Lines. VI. Proton Rates and Other Improvements. Astrophysical Journal, Supplement Series, 2003, 144, 135-152.	7.7	261
144	On the Extremeâ€Ultraviolet/Ultraviolet Plasma Diagnostics for Nitrogenâ€like Ions from Spectra Obtained BySOHO/SUMER. Astrophysical Journal, 2003, 582, 1162-1171.	4.5	21

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145	Atomic Data and Spectral Line Intensities for Sivii. Astrophysical Journal, 2003, 585, 587-597.	4.5	8
146	Atomic Data and Spectral Line Intensities for S xi. Astrophysical Journal, Supplement Series, 2003, 149, 251-263.	7.7	6
147	Solving the Discrepancy between the Extremeâ€Ultraviolet and Microwave Observations of the Quiet Sun. Astrophysical Journal, 2003, 589, 1054-1061.	4.5	19
148	Atomic Data and Spectral Line Intensities for S x. Astrophysical Journal, Supplement Series, 2003, 147, 409-419.	7.7	14
149	Freeâ€Free Emission in the Farâ€Ultraviolet Spectral Range: A Resource for Diagnosing Solar and Stellar Flare Plasmas. Astrophysical Journal, 2003, 593, 1226-1241.	4.5	11
150	SOHOâ€UlyssesSpring 2000 Quadrature: Coronal Diagnostic Spectrometer and SUMER Results. Astrophysical Journal, 2003, 590, 519-532.	4.5	26
151	Solar Flare Abundances of Potassium, Argon, and Sulphur. Astrophysical Journal, 2003, 589, L113-L116.	4.5	42
152	Atomic Data and Emissionâ€Line Intensities for Caviii. Astrophysical Journal, 2003, 589, 1075-1084.	4.5	15
153	Nonthermal Mass Motions within the Highâ€Temperature Plasmas above a Complex Solar Active Region. Astrophysical Journal, 2003, 585, 1087-1094.	4.5	8
154	Mass Motions and Plasma Properties in the 107K Flare Solar Corona. Astrophysical Journal, 2003, 582, 506-519.	4.5	34
155	Properties of Solar Plasmas near Solar Maximum above Two Quiet Regions at Distances of 1.02â€“1.34RâŠ™. Astrophysical Journal, 2003, 592, 607-619.	4.5	26
156	CHIANTIâ€”An Atomic Database for Emission Lines. V. Comparison with an Isothermal Spectrum Observed with SUMER. Astrophysical Journal, Supplement Series, 2002, 139, 281-296.	7.7	109
157	THE PROMINENCE â€“ CORONA AND THE FILAMENT â€“ CORONA TRANSITION REGION: IS THERE ANY DIFFERENCE?. Solar Physics, 2002, 206, 315-332.	2.5	4
158	A Comparison between Coronal Emission Lines from an Isothermal Spectrum Observed with the Coronal Diagnostic Spectrometer and CHIANTI Emissivities. Astrophysical Journal, 2002, 574, 495-503.	4.5	33
159	Measurements of Threeâ€dimensional Coronal Magnetic Fields from Coordinated Extremeâ€Ultraviolet and Radio Observations of a Solar Active Region Sunspot. Astrophysical Journal, 2002, 574, 453-466.	4.5	35
160	Solar EUV spectroscopic observations with SOHO/CDS. Astronomy and Astrophysics, 2001, 379, 708-734.	5.1	49
161	CHIANTIâ€”An Atomic Database for Emission Lines. IV. Extension to Xâ€Ray Wavelengths. Astrophysical Journal, Supplement Series, 2001, 134, 331-354.	7.7	170
162	Intensity Ratios between the 2s21S0â€“2s2p3P1and 2s2p1P1â€“2p21D2Transitions in Beâ€like Ions as Electron Temperature Indicators for Solar Upper Atmosphere Plasmas. Astrophysical Journal, 2001, 556, 912-918.	4.5	23

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163	Electron density and temperature measurements, and abundance anomalies in the solar atmosphere. Journal of Astrophysics and Astronomy, 2000, 21, 407-411.	1.0	1
164	Identification of Spectral Lines in the 500â€“1600 A Wavelength Range of Highly Ionized Ne, Na, Mg, Ar, K, Ca, Ti, Cr, Mn, Fe, Co, and Ni Emitted by Flares (Teâ‰¥ 3 x 106K) and Their Potential Use in Plasma Diagnostics. Astrophysical Journal, 2000, 544, 508-521.	4.5	87
165	Analysis of a Solar Active Region Extremeâ€Ultraviolet Spectrum from SERTSâ€97. Astrophysical Journal, 2000, 543, 1016-1026.	4.5	57
166	EUV and Radio Observations of an Equatorial Coronal Hole. Space Science Reviews, 1999, 87, 141-144.	8.1	4
167	Observation of Transition Region Fine Structures with Soho/Sumer. Space Science Reviews, 1999, 87, 241-244.	8.1	1
168	Electron density and temperature structure of two limb active regions observed by SOHO-CDS. Solar Physics, 1999, 189, 129-146.	2.5	25
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