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	CHIANTI - an atomic database for emission lines. Astronomy and Astrophysics, 1997, 125, 149-173.	2.1	1,640
2	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
3	CHIANTIâ€"AN ATOMIC DATABASE FOR EMISSION LINES. XIII. SOFT X-RAY IMPROVEMENTS AND OTHER CHANGES. Astrophysical Journal, 2013, 763, 86.	4.5	401
4	CHIANTI â€“ an atomic database for emission lines. Astronomy and Astrophysics, 2009, 498, 915-929.	5.1	379
5	CHIANTI â€“ An atomic database for emission lines. Version 8. Astronomy and Astrophysics, 2015, 582, A56.	5.1	372
6	CHIANTIâ€"An Atomic Database for Emission Lines. VI. Proton Rates and Other Improvements. Astrophysical Journal, Supplement Series, 2003, 144, 135-152.	7.7	261
7	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
8	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
9	EUV Emission Lines and Diagnostics Observed with Hinode/EIS. Publication of the Astronomical Society of Japan, 2007, 59, S857-S864.	2.5	175
10	CHIANTIâ€"An Atomic Database for Emission Lines. XVI. Version 10, Further Extensions. Astrophysical Journal, 2021, 909, 38.	4.5	173
11	CHIANTIâ€"An Atomic Database for Emission Lines. IV. Extension to Xâ€Ray Wavelengths. Astrophysical Journal, Supplement Series, 2001, 134, 331-354.	7.7	170
12	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
13	On the sources of fast and slow solar wind. Journal of Geophysical Research, 2005, 110, .	3.3	90
14	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
15	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
16	PHYSICAL CONDITIONS IN A CORONAL MASS EJECTION FROMHINODE,STEREO, ANDSOHOOBSERVATIONS. Astrophysical Journal, 2010, 711, 75-98.	4.5	81
17	SOLAR WIND HEAVY IONS OVER SOLAR CYCLE 23:ACE/SWICS MEASUREMENTS. Astrophysical Journal, 2013, 768, 94.	4.5	78
18	EVIDENCE OF WAVE DAMPING AT LOW HEIGHTS IN A POLAR CORONAL HOLE. Astrophysical Journal, 2012, 753, 36.	4.5	68

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19	CARBON IONIZATION STAGES AS A DIAGNOSTIC OF THE SOLAR WIND. Astrophysical Journal, 2012, 744, 100.	4.5	66
20	Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST). Solar Physics, 2021, 296, 1.	2.5	65
21	THE ABSOLUTE CALIBRATION OF THE EUV IMAGING SPECTROMETER ON HINODE. Astrophysical Journal, Supplement Series, 2014, 213, 11.	7.7	64
22	TEMPERATURE DISTRIBUTION OF A NON-FLARING ACTIVE REGION FROM SIMULTANEOUSHINODEXRT AND EIS OBSERVATIONS. Astrophysical Journal, 2011, 728, 30.	4.5	59
23	Analysis of a Solar Active Region Extremeâ€Ultraviolet Spectrum from SERTSâ€97. Astrophysical Journal, 2000, 543, 1016-1026.	4.5	57
24	ION TEMPERATURES IN THE LOW SOLAR CORONA: POLAR CORONAL HOLES AT SOLAR MINIMUM. Astrophysical Journal, 2009, 691, 794-805.	4.5	56
25	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
26	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
27	Solar EUV spectroscopic observations with SOHO/CDS. Astronomy and Astrophysics, 2001, 379, 708-734.	5.1	49
28	SOLAR SPECTRAL IRRADIANCE, SOLAR ACTIVITY, AND THE NEAR-ULTRA-VIOLET. Astrophysical Journal, 2015, 809, 157.	4.5	49
29	TESTING EUV/X-RAY ATOMIC DATA FOR THESOLAR DYNAMICS OBSERVATORY. Astrophysical Journal, 2012, 745, 111.	4.5	47
30	Bright Hot Impacts by Erupted Fragments Falling Back on the Sun: A Template for Stellar Accretion. Science, 2013, 341, 251-253.	12.6	47
31	ON THE ORIGIN OF MID-LATITUDE FAST WIND: CHALLENGING THE TWO-STATE SOLAR WIND PARADIGM. Astrophysical Journal, 2015, 801, 100.	4.5	47
32	Atomic Data for Highâ€Energy Configurations in Fexviiâ€“xxiii. Astrophysical Journal, 2006, 640, 1171-1179.	4.5	45
33	THE SOLAR WIND NEON ABUNDANCE OBSERVED WITHACE/SWICS ANDULYSSES/SWICS. Astrophysical Journal, 2014, 789, 60.	4.5	44
34	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
35	Solar Flare Abundances of Potassium, Argon, and Sulphur. Astrophysical Journal, 2003, 589, L113-L116.	4.5	42
36	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

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37	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
38	Scientific objectives and capabilities of the Coronal Solar Magnetism Observatory. Journal of Geophysical Research: Space Physics, 2016, 121, 7470-7487.	2.4	40
39	Spectral Atlas of Xâ€Ray Lines Emitted during Solar Flares Based on CHIANTI. Astrophysical Journal, Supplement Series, 2005, 160, 286-311.	7.7	38
40	The Offâ€Disk Thermal Structure of a Polar Coronal Hole. Astrophysical Journal, 2008, 685, 1270-1276.	4.5	38
41	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
42	The Thermal Structure of an Active Region Observed Outside the Solar Disk. Astrophysical Journal, 2008, 672, 674-683.	4.5	37
43	Far- and Extreme-UV Solar Spectral Irradiance and Radiance from Simplified Atmospheric Physical Models. Solar Physics, 2014, 289, 515-544.	2.5	37
44	On the Relation between the In Situ Properties and the Coronal Sources of the Solar Wind. Astrophysical Journal, 2017, 846, 135.	4.5	37
45	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
46	Mass Motions and Plasma Properties in the 107K Flare Solar Corona. Astrophysical Journal, 2003, 582, 506-519.	4.5	34
47	NEW SOLAR WIND DIAGNOSTIC USING BOTH IN SITU AND SPECTROSCOPIC MEASUREMENTS. Astrophysical Journal, 2012, 750, 159.	4.5	34
48	Neon and Oxygen Absolute Abundances in the Solar Corona. Astrophysical Journal, 2007, 659, 743-749.	4.5	33
49	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
50	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
51	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
52	The First Empirical Determination of the Fe¹⁰⁺ and Fe¹³⁺ Freeze-in Distances in the Solar Corona. Astrophysical Journal, 2018, 859, 155.	4.5	32
53	Hinode/EIS Measurements of Active-region Magnetic Fields. Astrophysical Journal, 2020, 904, 87.	4.5	32
54	Coronal plasma diagnostics from groundâ€based observations. Journal of Geophysical Research: Space Physics, 2016, 121, 8237-8249.	2.4	31

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55	The Quietâ€Sun Differential Emission Measure from Radio and UV Measurements. Astrophysical Journal, 2008, 675, 1629-1636.	4.5	30
56	TEMPERATURE AND EXTREME-ULTRAVIOLET INTENSITY IN A CORONAL PROMINENCE CAVITY AND STREAMER. Astrophysical Journal, 2012, 757, 73.	4.5	30
57	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
58	ON SOLAR WIND ORIGIN AND ACCELERATION: MEASUREMENTS FROM ACE. Astrophysical Journal, 2016, 829, 117.	4.5	29
59	CHARGE STATE EVOLUTION IN THE SOLAR WIND. III. MODEL COMPARISON WITH OBSERVATIONS. Astrophysical Journal, 2014, 790, 111.	4.5	27
60	NEON AND OXYGEN ABUNDANCES AND ABUNDANCE RATIO IN THE SOLAR CORONA. Astrophysical Journal, 2015, 800, 110.	4.5	27
61	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
62	SOHOâ€UlyssesSpring 2000 Quadrature: Coronal Diagnostic Spectrometer and SUMER Results. Astrophysical Journal, 2003, 590, 519-532.	4.5	26
63	Models for Solar Magnetic Loops. III. Dynamic Models and Coronal Diagnostic Spectrometer Observations. Astrophysical Journal, 2004, 608, 1133-1147.	4.5	26
64	PROMINENCE PLASMA DIAGNOSTICS THROUGH EXTREME-ULTRAVIOLET ABSORPTION. Astrophysical Journal, 2013, 772, 71.	4.5	26
65	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
66	Electron density and temperature structure of two limb active regions observed by SOHO-CDS. Solar Physics, 1999, 189, 129-146.	2.5	25
67	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
68	NEWLY DISCOVERED GLOBAL TEMPERATURE STRUCTURES IN THE QUIET SUN AT SOLAR MINIMUM. Astrophysical Journal, 2012, 755, 86.	4.5	25
69	Empirical Modeling of CME Evolution Constrained to ACE/SWICS Charge State Distributions. Astrophysical Journal, 2019, 874, 164.	4.5	25
70	Atomic data and spectral line intensities for Ni XXI. Atomic Data and Nuclear Data Tables, 2003, 83, 71-112.	2.4	24
71	Ion Temperatures in the Quiet Solar Corona. Astrophysical Journal, 2007, 663, 1363-1368.	4.5	24
72	DIFFERENTIAL EMISSION MEASURE ANALYSIS OF A POLAR CORONAL HOLE DURING THE SOLAR MINIMUM IN 2007. Astrophysical Journal, 2011, 736, 101.	4.5	24

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73	POST-CORONAL MASS EJECTION PLASMA OBSERVED BYHINODE. Astrophysical Journal, 2012, 751, 21.	4.5	24
74	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
75	The Highâ€Temperature Response of theTRACE171 A and 195 A Channels. Astrophysical Journal, 2005, 626, 1110-1115.	4.5	23
76	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
77	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
78	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
79	ON THE ISOTHERMALITY OF SOLAR PLASMAS. Astrophysical Journal, 2010, 723, 320-328.	4.5	21
80	Sources of Solar Wind at Solar Minimum: Constraints from Composition Data. Space Science Reviews, 2012, 172, 41-55.	8.1	20
81	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
82	Hinode/EIS Coronal Magnetic Field Measurements at the Onset of a C2 Flare. Astrophysical Journal, 2021, 913, 1.	4.5	20
83	Solving the Discrepancy between the Extremeâ€Ultraviolet and Microwave Observations of the Quiet Sun. Astrophysical Journal, 2003, 589, 1054-1061.	4.5	19
84	Plasma Diagnostics of the Largeâ€Scale Corona with SUMER. I. Measurements at the West Limb. Astrophysical Journal, 2006, 643, 1258-1270.	4.5	19
85	Diagnostics of Suprathermal Electrons in Activeâ€Region Plasmas Using Heâ€like UV Lines. Astrophysical Journal, 2007, 660, 1674-1682.	4.5	19
86	MODELING THE CHROMOSPHERE OF A SUNSPOT AND THE QUIET SUN. Astrophysical Journal, 2015, 811, 87.	4.5	19
87	Helium Abundance in Highâ€Temperature Solar Flare Plasmas. Astrophysical Journal, 2005, 619, 1142-1152.	4.5	18
88	PHYSICAL PROPERTIES OF COOLING PLASMA IN QUIESCENT ACTIVE REGION LOOPS. Astrophysical Journal, 2009, 695, 221-237.	4.5	18
89	Monte Carlo Markov chain DEM reconstruction of isothermal plasmas. Astronomy and Astrophysics, 2012, 538, A111.	5.1	18
90	Ultraviolet Observations of Prominence Activation and Cool Loop Dynamics. Astrophysical Journal, 2006, 645, 1525-1536.	4.5	17

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91	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
92	Measurements of Coronal Magnetic Field Strengths in Solar Active Region Loops. Astrophysical Journal Letters, 2021, 915, L24.	8.3	17
93	THE RELATIVE INTENSITY CALIBRATION OFHINODE/EIS ANDSOHO/SUMER. Astrophysical Journal, 2010, 714, 636-643.	4.5	16
94	POST-FLARE ULTRAVIOLET LIGHT CURVES EXPLAINED WITH THERMAL INSTABILITY OF LOOP PLASMA. Astrophysical Journal, 2012, 746, 18.	4.5	16
95	CALCULATED RESONANCE LINE PROFILES OF [Mg II], [C II], AND [Si IV] IN THE SOLAR ATMOSPHERE. Astrophysical Journal, 2013, 779, 155.	4.5	16
96	ANATOMY OF DEPLETED INTERPLANETARY CORONAL MASS EJECTIONS. Astrophysical Journal, 2017, 834, 147.	4.5	16
97	Atomic Data and Emissionâ€Line Intensities for Cavii. Astrophysical Journal, 2003, 589, 1075-1084.	4.5	15
98	MULTIMODAL DIFFERENTIAL EMISSION MEASURE IN THE SOLAR CORONA. Astrophysical Journal, 2015, 811, 128.	4.5	15
99	EUV Emission and Scattered Light Diagnostics of Equatorial Coronal Holes as Seen by Hinode/EIS. Astrophysical Journal, 2018, 856, 28.	4.5	15
100	Atomic Data and Spectral Line Intensities for S x. Astrophysical Journal, Supplement Series, 2003, 147, 409-419.	7.7	14
101	CHARGE STATE EVOLUTION IN THE SOLAR WIND. RADIATIVE LOSSES IN FAST SOLAR WIND PLASMAS. Astrophysical Journal Letters, 2012, 758, L21.	8.3	14
102	PHOTOIONIZATION IN THE SOLAR WIND. Astrophysical Journal Letters, 2015, 812, L28.	8.3	14
103	SPECTRUM: Synthetic Spectral Calculations for Global Space Plasma Modeling. Astrophysical Journal, Supplement Series, 2019, 242, 1.	7.7	14
104	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
105	Atomic data and spectral line intensities for Fe XV. Atomic Data and Nuclear Data Tables, 2011, 97, 587-647.	2.4	13
106	An Observation of Lowâ€Level Heating in an Erupting Prominence. Astrophysical Journal, 2008, 673, 611-620.	4.5	13
107	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
108	Atomic data and spectral line intensities for Ne III. Atomic Data and Nuclear Data Tables, 2005, 89, 195-265.	2.4	12

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109	Atomic data and spectral line intensities for S XIII. Atomic Data and Nuclear Data Tables, 2008, 94, 1-37.	2.4	12
110	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
111	Atomic data and spectral line intensities for S IX. Atomic Data and Nuclear Data Tables, 2003, 85, 169-253.	2.4	11
112	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
113	Atomic data and spectral line intensities for Ar XII. Atomic Data and Nuclear Data Tables, 2005, 89, 139-194.	2.4	11
114	Atomic data and spectral line intensities for Mg V. Atomic Data and Nuclear Data Tables, 2006, 92, 105-175.	2.4	11
115	Atomic data and spectral line intensities for Ar XV. Atomic Data and Nuclear Data Tables, 2008, 94, 223-256.	2.4	11
116	POLAR AND EQUATORIAL CORONAL HOLE WINDS AT SOLAR MINIMA: FROM THE HELIOSPHERE TO THE INNER CORONA. Astrophysical Journal, 2014, 781, 110.	4.5	11
117	CORONAL JETS SIMULATED WITH THE GLOBAL ALFVÃ‰N WAVE SOLAR MODEL. Astrophysical Journal, 2017, 834, 123.	4.5	11
118	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
119	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
120	SUMER Measurement of the Fe x 3p ⁴3dÂ⁴D_{5/2,7/2} Energy Difference. Astrophysical Journal, 2020, 902, 21.	4.5	11
121	Atomic Data and Spectral Line Intensities for Caviii. Astrophysical Journal, 2004, 607, 640-652.	4.5	10
122	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
123	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
124	PROPERTIES OF A POLAR CORONAL HOLE DURING THE SOLAR MINIMUM IN 2007. Astrophysical Journal, 2010, 725, 774-786.	4.5	10
125	Identifying Spectral Lines to Study Coronal Mass Ejection Evolution in the Lower Corona. Astrophysical Journal, Supplement Series, 2019, 243, 34.	7.7	10
126	Atomic data and spectral line intensities for Ar XI. Atomic Data and Nuclear Data Tables, 2006, 92, 305-374.	2.4	9

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127	Nonthermal Electron Measurements in Solar Flares withHinodeEIS. Astrophysical Journal, 2008, 684, 707-714.	4.5	9
128	Atomic data and spectral line intensities for Ni XV. Atomic Data and Nuclear Data Tables, 2012, 98, 862-893.	2.4	9
129	Nonequilibrium Ionization Effects on Coronal Plasma Diagnostics and Elemental Abundance Measurements. Astrophysical Journal, 2019, 882, 154.	4.5	9
130	On the Production of He⁺ of Solar Origin in the Solar Wind. Astrophysical Journal, 2020, 899, 11.	4.5	9
131	Atomic data and spectral line intensities for Ne III. Atomic Data and Nuclear Data Tables, 2003, 83, 113-152.	2.4	8
132	Atomic Data and Spectral Line Intensities for Sivii. Astrophysical Journal, 2003, 585, 587-597.	4.5	8
133	Nonthermal Mass Motions within the Highâ€Temperature Plasmas above a Complex Solar Active Region. Astrophysical Journal, 2003, 585, 1087-1094.	4.5	8
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	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
136	Atomic data and spectral line intensities for Mg IX. Atomic Data and Nuclear Data Tables, 2007, 93, 742-778.	2.4	8
137	THE EMISSION MEASURE OF THE SOLAR LOWER TRANSITION REGION (2 Ã— 10⁴-2 Ã—) Tj ETQq1 1 0.784314 rgBT /Ove	4.5	8
138	NEW Fe VIII LINE IDENTIFICATIONS USING OBSERVATIONS OF THE QUIET SUN. Astrophysical Journal, 2010, 713, 205-211.	4.5	8
139	Atomic data and spectral line intensities for Ni XVII. Atomic Data and Nuclear Data Tables, 2011, 97, 189-224.	2.4	8
140	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
141	HOT PLASMA ASSOCIATED WITH A CORONAL MASS EJECTION. Astrophysical Journal, 2013, 778, 29.	4.5	8
142	THE TEMPERATURE OF QUIESCENT STREAMERS DURING SOLAR CYCLES 23 AND 24. Astrophysical Journal, 2014, 787, 33.	4.5	8
143	The Deflection of the Cartwheel CME: ForeCAT Results. Astrophysical Journal, 2017, 839, 37.	4.5	8
144	Gyroresonance and Freeâ€“Free Radio Emissions from Multithermal Multicomponent Plasma. Astrophysical Journal, 2021, 914, 52.	4.5	8

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145	Charge State Calculation for Global Solar Wind Modeling. Astrophysical Journal, 2022, 926, 35.	4.5	8
146	Line Intensity Ratios in the EIS Range Sensitive to Electron Densities in 10⁷K Plasmas. Astrophysical Journal, 2008, 679, 843-847.	4.5	7
147	Atomic data and spectral line intensities for Ni XIV. Atomic Data and Nuclear Data Tables, 2010, 96, 52-84.	2.4	7
148	DENSITY DIAGNOSTICS OF CORONAL MASS EJECTION CORES WITH THE SOLAR DYNAMICS OBSERVATORY /ATMOSPHERIC IMAGING ASSEMBLY. Astrophysical Journal Letters, 2014, 780, L7.	8.3	7
149	Energy Input Flux in the Global Quiet-Sun Corona. Astrophysical Journal, 2017, 843, 70.	4.5	7
150	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
151	Atomic Data and Spectral Line Intensities for S xi. Astrophysical Journal, Supplement Series, 2003, 149, 251-263.	7.7	6
152	Atomic data and spectral line intensities for Ni XXV. Atomic Data and Nuclear Data Tables, 2009, 95, 547-576.	2.4	6
153	Tracking Filament Evolution in the Low Solar Corona Using Remote Sensing and In Situ Observations. Astrophysical Journal, 2018, 860, 51.	4.5	6
154	AWSoM Magnetohydrodynamic Simulation of a Solar Active Region with Realistic Spectral Synthesis. Astrophysical Journal, 2022, 928, 34.	4.5	6
155	Fe vii Emission Lines in the Wavelength Range 193â€“197 Ã.... Astrophysical Journal, 2021, 908, 104.	4.5	5
156	EUV and Radio Observations of an Equatorial Coronal Hole. Space Science Reviews, 1999, 87, 141-144.	8.1	4
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	Atomic data and spectral line intensities for Ca IX. Atomic Data and Nuclear Data Tables, 2014, 100, 1519-1592.	2.4	4
159	High resolution spectropolarimetry: from Astrophysics to ECR plasmas. Journal of Instrumentation, 2018, 13, C11020-C11020.	1.2	4
160	Anomalously low C6+/C5+ ratio in solar wind: ACE/SWICS observation. AIP Conference Proceedings, 2016, , .	0.4	3
161	Introduction of Zeeman splitting in CHIANTI. Journal of Plasma Physics, 2020, 86, .	2.1	2
162	Observation of Transition Region Fine Structures with Soho/Sumer. Space Science Reviews, 1999, 87, 241-244.	8.1	1

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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	The CHIANTI Database. Highlights of Astronomy, 2005, 13, 653-656.	0.0	1
165	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
166	The Coronal Solar Magnetism Observatory. Proceedings of the International Astronomical Union, 2017, 13, 359-361.	0.0	1
167	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
168	He-like Ar xvii triplet observed by RESIK. Advances in Space Research, 2008, 42, 833-837.	2.6	0
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