

# Giulio Del Zanna

## List of Publications by Year in descending order

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204  
papers

8,785  
citations

46918

47  
h-index

51492

86  
g-index

204  
all docs

204  
docs citations

204  
times ranked

3365  
citing authors

#	ARTICLE	IF	CITATIONS
1	The high-energy Sun - probing the origins of particle acceleration on our nearest star. <i>Experimental Astronomy</i> , 2022, 54, 335-360.	1.6	3
2	Helium line emissivities for nebular astrophysics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1198-1209.	1.6	4
3	Diagnostics of Non-Maxwellian Electron Distributions in Solar Active Regions from Fe xii Lines Observed by the Hinode Extreme Ultraviolet Imaging Spectrometer and Interface Region Imaging Spectrograph. <i>Astrophysical Journal</i> , 2022, 930, 61.	1.6	8
4	Large-scale Multiconfiguration Dirac-Hartree-Fock Calculations for Astrophysics: C-like Ions from O iii to Mg vii. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 50.	3.0	3
5	Electron Densities in the Solar Corona Measured Simultaneously in the Extreme Ultraviolet and Infrared. <i>Astrophysical Journal</i> , 2021, 906, 118.	1.6	7
6	The influence of photo-induced processes and charge transfer on carbon and oxygen in the lower solar atmosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1976-1986.	1.6	4
7	Optimization of Radial Diffusion Coefficients for the Proton Radiation Belt During the CRRES Era. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028486.	0.8	2
8	CHIANTI—An Atomic Database for Emission Lines. XVI. Version 10, Further Extensions. <i>Astrophysical Journal</i> , 2021, 909, 38.	1.6	173
9	High Resolution Soft X-ray Spectroscopy and the Quest for the Hot (5–10 MK) Plasma in Solar Active Regions. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	13
10	Modelling low charge ions in the solar atmosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3968-3981.	1.6	6
11	Future perspectives in solar hot plasma observations in the soft X-rays. <i>Experimental Astronomy</i> , 2021, 51, 453-474.	1.6	4
12	Non-periodic multilayer coatings for solar applications: advantages and future perspectives.. , 2021, , .		0
13	Small-scale Turbulent Motion of the Plasma in a Solar Filament as the Precursor of Eruption. <i>Astrophysical Journal</i> , 2021, 918, 38.	1.6	1
14	R-matrix electron-impact excitation data for the O-like iso-electronic sequence. <i>Astronomy and Astrophysics</i> , 2021, 653, A81.	2.1	2
15	Linking the Sun to the Heliosphere Using Composition Data and Modelling. <i>Space Science Reviews</i> , 2021, 217, .	3.7	11
16	Evolution of Elemental Abundances during B-Class Solar Flares: Soft X-Ray Spectral Measurements with Chandrayaan-2 XSM. <i>Astrophysical Journal</i> , 2021, 920, 4.	1.6	18
17	Benchmarking Multiconfiguration Dirac-Hartree-Fock Calculations for Astrophysics: Si-like Ions from Cr xi to Zn xvii. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 56.	3.0	5
18	Roadmap on cosmic EUV and x-ray spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 092001.	0.6	2

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19	Introduction of Zeeman splitting in CHIANTI. <i>Journal of Plasma Physics</i> , 2020, 86, .	0.7	2
20	Effects of density on the oxygen ionization equilibrium in collisional plasmas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1443-1456.	1.6	12
21	Global maps of the magnetic field in the solar corona. <i>Science</i> , 2020, 369, 694-697.	6.0	92
22	The Solar Orbiter SPICE instrument. <i>Astronomy and Astrophysics</i> , 2020, 642, A14.	2.1	82
23	Atomic Data for Plasma Spectroscopy: The CHIANTI Database, Improvements and Challenges. <i>Atoms</i> , 2020, 8, 46.	0.7	17
24	A Decade with VAMDC: Results and Ambitions. <i>Atoms</i> , 2020, 8, 76.	0.7	53
25	$R$ -matrix electron-impact excitation data for the C-like iso-electronic sequence. <i>Astronomy and Astrophysics</i> , 2020, 634, A7.	2.1	11
26	Large-scale Multiconfiguration Dirac-Hartree-Fock Calculations for Astrophysics: Cl-like Ions from Cr viii to Zn xiv. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 1.	3.0	29
27	Fe emission in quasars: evidence for a dense turbulent medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2565-2576.	1.6	17
28	Plasma Diagnostics from Active Region and Quiet-Sun Spectra Observed by Hinode/EIS: Quantifying the Departures from a Maxwellian Distribution. <i>Astrophysical Journal</i> , 2020, 893, 34.	1.6	13
29	Large-scale Multiconfiguration Dirac-Hartree-Fock Calculations for Astrophysics: $n = 4$ Levels in P-like Ions from Mn xi to Ni xiv. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 70.	3.0	9
30	$R$ -matrix electron-impact excitation data for the N-like iso-electronic sequence. <i>Astronomy and Astrophysics</i> , 2020, 643, A95.	2.1	5
31	Helium Line Emissivities in the Solar Corona. <i>Astrophysical Journal</i> , 2020, 898, 72.	1.6	9
32	Coronal Plasma Characterization via Coordinated Infrared and Extreme Ultraviolet Observations of a Total Solar Eclipse. <i>Astrophysical Journal</i> , 2019, 880, 102.	1.6	14
33	Solar Cell Degradation Due to Proton Belt Enhancements During Electric Orbit Raising to GEO. <i>Space Weather</i> , 2019, 17, 1059-1072.	1.3	8
34	Exploring the damping of Alfvén waves along a long off-limb coronal loop, up to 1.4 $\hat{r}$ . <i>Astronomy and Astrophysics</i> , 2019, 627, A62.	2.1	9
35	Signatures of the non-Maxwellian $\hat{r}$ -distributions in optically thin line spectra. <i>Astronomy and Astrophysics</i> , 2019, 626, A88.	2.1	9
36	Achievements of Hinode in the first eleven years. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	1.0	69

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37	Unfolding Overlapped Slitless Imaging Spectrometer Data for Extended Sources. <i>Astrophysical Journal</i> , 2019, 882, 12.	1.6	14
38	On the Importance of Gradients in the Low-Energy Electron Phase Space Density for Relativistic Electron Acceleration. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2628-2642.	0.8	14
39	CHIANTI—An Atomic Database for Emission Lines. XV. Version 9, Improvements for the X-Ray Satellite Lines. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 22.	3.0	182
40	Uncertainties on atomic data. A case study: $\text{N}^{\text{IV}}$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4754-4759.	1.6	12
41	The EUV spectrum of the Sun: Quiet- and active-Sun irradiances and chemical composition. <i>Astronomy and Astrophysics</i> , 2019, 624, A36.	2.1	18
42	Benchmarked atomic data for astrophysics. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 341-344.	0.0	1
43	Solar microflares: a case study on temperatures and the Fe XVIII emission. <i>Astronomy and Astrophysics</i> , 2019, 628, A134.	2.1	16
44	Modelling ion populations in astrophysical plasmas: carbon in the solar transition region. <i>Astronomy and Astrophysics</i> , 2019, 626, A123.	2.1	16
45	Hinode EIS line widths in the quiet corona up to $1.5 \text{ R}_{\odot}$ . <i>Astronomy and Astrophysics</i> , 2019, 631, A163.	2.1	12
46	Elemental composition in quiescent prominences. <i>Astronomy and Astrophysics</i> , 2019, 625, A52.	2.1	13
47	Study of the spatial association between an active region jet and a nonthermal type III radio burst. <i>Astronomy and Astrophysics</i> , 2019, 632, A108.	2.1	9
48	Solar Coronal Lines in the Visible and Infrared: A Rough Guide. <i>Astrophysical Journal</i> , 2018, 852, 52.	1.6	49
49	Energy Levels, Lifetimes, and Transition Rates for P-like Ions from Cr x to Zn xvi from Large-scale Relativistic Multiconfiguration Calculations. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 27.	3.0	28
50	Large-scale calculations of atomic level and transition properties in the aluminum isoelectronic sequence from Ti XVIII through Kr XXXIV, Xe XLII, and W LXII. <i>Atomic Data and Nuclear Data Tables</i> , 2018, 120, 152-262.	0.9	11
51	Determination of the Equatorial Electron Differential Flux From Observations at Low Earth Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9574-9596.	0.8	15
52	Incorporating Uncertainties in Atomic Data into the Analysis of Solar and Stellar Observations: A Case Study in Fe xiii. <i>Astrophysical Journal</i> , 2018, 866, 146.	1.6	17
53	Flare-related Recurring Active Region Jets: Evidence for Very Hot Plasma. <i>Solar Physics</i> , 2018, 293, 1.	1.0	5
54	High resolution spectropolarimetry: from Astrophysics to ECR plasmas. <i>Journal of Instrumentation</i> , 2018, 13, C11020-C11020.	0.5	4

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55	Benchmarking Atomic Data from Large-scale Multiconfiguration Dirac-Hartree-Fock Calculations for Astrophysics: S-like Ions from Cr ix to Cu xiv. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 30.	3.0	26
56	Predicting the COSIE-C Signal from the Outer Corona up to 3 Solar Radii. <i>Astrophysical Journal</i> , 2018, 865, 132.	1.6	14
57	Solar UV and X-ray spectral diagnostics. <i>Living Reviews in Solar Physics</i> , 2018, 15, 5.	7.8	158
58	Analysis and modelling of recurrent solar flares observed with Hinode/EIS on March 9, 2012. <i>Astronomy and Astrophysics</i> , 2017, 601, A39.	2.1	30
59	Non-Maxwellian Analysis of the Transition-region Line Profiles Observed by the Interface Region Imaging Spectrograph. <i>Astrophysical Journal</i> , 2017, 842, 19.	1.6	35
60	The magnetic local time distribution of energetic electrons in the radiation belt region. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8108-8123.	0.8	18
61	Spectroscopy of Very Hot Plasma in Non-flaring Parts of a Solar Limb Active Region: Spatial and Temporal Properties. <i>Astrophysical Journal</i> , 2017, 846, 25.	1.6	22
62	Nonequilibrium Processes in the Solar Corona, Transition Region, Flares, and Solar Wind (Invited) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4</i>	1.0	60
63	Temperature and density structure of a recurring active region jet. <i>Astronomy and Astrophysics</i> , 2017, 598, A11.	2.1	16
64	Multiconfiguration Dirac-Hartree-Fock Calculations with Spectroscopic Accuracy: Applications to Astrophysics. <i>Atoms</i> , 2017, 5, 16.	0.7	40
65	Cool and hot emission in a recurring active region jet. <i>Astronomy and Astrophysics</i> , 2017, 606, A4.	2.1	21
66	Multi-instrument observations of a failed flare eruption associated with MHD waves in a loop bundle. <i>Astronomy and Astrophysics</i> , 2017, 600, A37.	2.1	25
67	Multiwavelength study of 20 jets that emanate from the periphery of active regions. <i>Astronomy and Astrophysics</i> , 2016, 589, A79.	2.1	53
68	Importance of the completeness of the configuration interaction and close coupling expansions in $R$ -matrix calculations for highly charged ions: electron-impact excitation of $\text{Fe}^{20+}$ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 085203.	0.6	9
69	The virtual atomic and molecular data centre (VAMDC) consortium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 074003.	0.6	120
70	Atomic data for astrophysics: Ni XII. <i>Astronomy and Astrophysics</i> , 2016, 585, A118.	2.1	11
71	Density diagnostics derived from the O iv and S iv intercombination lines observed by IRIS. <i>Astronomy and Astrophysics</i> , 2016, 594, A64.	2.1	46
72	The CHIANTI atomic database. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 074009.	0.6	19

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73	Atomic data and density diagnostics for S <sup>IV</sup> . Monthly Notices of the Royal Astronomical Society, 2016, 456, 3720-3728.	1.6	11
74	Atomic processes for astrophysical plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 094001.	0.6	26
75	Scaling of collision strengths for highly-excited states of ions of the H- and He-like sequences. Astronomy and Astrophysics, 2016, 592, A135.	2.1	3
76	SIMULTANEOUS IRIS AND HINODE/EIS OBSERVATIONS AND MODELING OF THE 2014 OCTOBER 27 X2.0 <sup>+</sup> CLASS FLARE. Astrophysical Journal, 2016, 816, 89.	1.6	70
77	CHIANTI – An atomic database for emission lines. Version 8. Astronomy and Astrophysics, 2015, 582, A56.	2.1	372
78	The EUV spectrum of the Sun: Irradiances during 1998–2014. Astronomy and Astrophysics, 2015, 584, A29.	2.1	10
79	The EUV spectrum of the Sun: SOHO, SEM, and CDS irradiances. Astronomy and Astrophysics, 2015, 581, A25.	2.1	9
80	Advances in atomic data for plasma diagnostics. Journal of Physics: Conference Series, 2015, 635, 052035.	0.3	0
81	Resolution of the forbidden ( <i>J</i> = 0 → 0) excitation puzzle in Mg-like ions. Astronomy and Astrophysics, 2015, 577, A95.	2.1	7
82	Benchmarking atomic data for astrophysics: Si <sup>III</sup> . Astronomy and Astrophysics, 2015, 574, A99.	2.1	12
83	Completeness of the Configuration Interaction / Close Coupling expansion versus the relativistic formalism in R-matrix calculations. Journal of Physics: Conference Series, 2015, 635, 052034.	0.3	0
84	On the validity of the ICFT R-matrix method: Fe <sup>XIV</sup> . Monthly Notices of the Royal Astronomical Society, 2015, 454, 2909-2917.	1.6	9
85	Validity of the ICFT R-matrix method: Be-like Al <sup>9+</sup> a case study. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4174-4183.	1.6	19
86	IMAGING AND SPECTROSCOPIC OBSERVATIONS OF A TRANSIENT CORONAL LOOP: EVIDENCE FOR THE NON-MAXWELLIAN <i>n<sub>e</sub></i> -DISTRIBUTIONS. Astrophysical Journal, 2015, 807, 123.	1.6	27
87	JOINT HIGH TEMPERATURE OBSERVATION OF A SMALL C6.5 SOLAR FLARE WITH IRIS/EIS/AIA. Astrophysical Journal, 2015, 803, 84.	1.6	59
88	The evolution of the emission measure distribution in the core of an active region. Astronomy and Astrophysics, 2015, 573, A104.	2.1	30
89	Thermal structure of a hot non-flaring corona from Hinode/EIS. Astronomy and Astrophysics, 2014, 564, A3.	2.1	18
90	Response of Hinode XRT to quiet Sun, active region and flare plasma. Astronomy and Astrophysics, 2014, 561, A20.	2.1	11

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91	The EUV spectrum of the Sun: SOHO CDS NIS radiances during solar cycle 23. <i>Astronomy and Astrophysics</i> , 2014, 563, A26.	2.1	14
92	Elemental abundances and temperatures of quiescent solar active region cores from X-ray observations. <i>Astronomy and Astrophysics</i> , 2014, 565, A14.	2.1	52
93	Atomic data for astrophysics: Ni <sup>XI</sup> . <i>Astronomy and Astrophysics</i> , 2014, 566, A123.	2.1	4
94	Signatures of the non-Maxwellian $\nu$ -distributions in optically thin line spectra. <i>Astronomy and Astrophysics</i> , 2014, 570, A124.	2.1	28
95	Atomic data for astrophysics: improved collision strengths for Fe <sup>viii</sup> . <i>Astronomy and Astrophysics</i> , 2014, 570, A56.	2.1	11
96	Atomic data for astrophysics: Ni <sup>XV</sup> . <i>Astronomy and Astrophysics</i> , 2014, 567, A18.	2.1	8
97	SLIPPING MAGNETIC RECONNECTION DURING AN X-CLASS SOLAR FLARE OBSERVED BY SDO/AIA. <i>Astrophysical Journal</i> , 2014, 784, 144.	1.6	114
98	$R$ -matrix electron-impact excitation data for the Be-like iso-electronic sequence. <i>Astronomy and Astrophysics</i> , 2014, 566, A104.	2.1	31
99	SOLAR TRANSITION REGION LINES OBSERVED BY THE INTERFACE REGION IMAGING SPECTROGRAPH : DIAGNOSTICS FOR THE O IV AND Si IV LINES. <i>Astrophysical Journal Letters</i> , 2014, 780, L12.	3.0	51
100	Reconstruction of the solar EUV irradiance from 1996 to 2010 based on SOHO/EIT images. <i>Journal of Space Weather and Space Climate</i> , 2014, 4, A30.	1.1	13
101	$R$ -matrix electron-impact excitation data for the Mg-like iso-electronic sequence. <i>Astronomy and Astrophysics</i> , 2014, 572, A115.	2.1	25
102	Atomic data for astrophysics: Fe <sup>IX</sup> . <i>Astronomy and Astrophysics</i> , 2014, 565, A77.	2.1	26
103	DOPPLER SHIFTS IN ACTIVE REGION MOSS USING SOHO/SUMER. <i>Astrophysical Journal</i> , 2013, 767, 107.	1.6	19
104	On-Orbit Degradation of Solar Instruments. <i>Solar Physics</i> , 2013, 288, 389-434.	1.0	80
105	CHIANTI: AN ATOMIC DATABASE FOR EMISSION LINES. XIII. SOFT X-RAY IMPROVEMENTS AND OTHER CHANGES. <i>Astrophysical Journal</i> , 2013, 763, 86.	1.6	401
106	Spectral diagnostics with the SDO EVE flare lines. <i>Astronomy and Astrophysics</i> , 2013, 555, A59.	2.1	39
107	CHIANTI: An Atomic Database for Astrophysical Plasmas. <i>Fusion Science and Technology</i> , 2013, 63, 324-332.	0.6	1
108	The multi-thermal emission in solar active regions. <i>Astronomy and Astrophysics</i> , 2013, 558, A73.	2.1	137

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109	Atomic data for astrophysics: Fe $\alpha$ soft X-ray lines. <i>Astronomy and Astrophysics</i> , 2013, 549, A42.	2.1	21
110	The Sun as a Star. , 2013, , 87-205.		2
111	A revised radiometric calibration for the Hinode/EIS instrument. <i>Astronomy and Astrophysics</i> , 2013, 555, A47.	2.1	84
112	Atomic data for astrophysics. Calculations, benchmarking and distribution. , 2012, , .		0
113	CHIANTI <sup>2</sup> AN ATOMIC DATABASE FOR EMISSION LINES. XII. VERSION 7 OF THE DATABASE. <i>Astrophysical Journal</i> , 2012, 744, 99.	1.6	278
114	LEMUR: Large European module for solar Ultraviolet Research. <i>Experimental Astronomy</i> , 2012, 34, 273-309.	1.6	25
115	SDO AIA and EVE observations and modelling of solar flare loops. <i>Astronomy and Astrophysics</i> , 2012, 547, A25.	2.1	27
116	OBSERVATIONS OF PLASMA UPFLOW IN A WARM LOOP WITH <i>HINODE</i> /EIS. <i>Astrophysical Journal Letters</i> , 2012, 754, L4.	3.0	19
117	Atomic data for astrophysics: Fe $\alpha$ soft X-ray lines. <i>Astronomy and Astrophysics</i> , 2012, 543, A144.	2.1	29
118	Atomic data for the X-ray lines of Fe $\alpha$ and Fe $\alpha$ . <i>Astronomy and Astrophysics</i> , 2012, 537, A22.	2.1	29
119	Atomic data for astrophysics: Fe $\alpha$ soft X-ray lines. <i>Astronomy and Astrophysics</i> , 2012, 541, A90.	2.1	47
120	Benchmarking atomic data for the CHIANTI atomic database: coronal lines observed by Hinode EIS. <i>Astronomy and Astrophysics</i> , 2012, 537, A38.	2.1	60
121	Propagating Disturbances in Coronal Loops: A Detailed Analysis of Propagation Speeds. <i>Solar Physics</i> , 2012, 279, 427-452.	1.0	47
122	Coronal Diagnostics from Narrowband Images Around 30.4 nm. <i>Solar Physics</i> , 2012, 279, 53-73.	1.0	11
123	Atomic data for astrophysics: Fe $\alpha$ soft X-ray lines. <i>Astronomy and Astrophysics</i> , 2012, 543, A139.	2.1	39
124	Benchmarking atomic data for astrophysics: a first look at the soft X-ray lines. <i>Astronomy and Astrophysics</i> , 2012, 546, A97.	2.1	48
125	The 3s <sup>2</sup> 3p3d <sup>3</sup> F <sup>o</sup> term in the Si-like spectrum of Fe (Fe) Tj ETQq1 1 0.784314 rgBT /Overlock 107 Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas.. <i>Canadian Journal of Physics</i> . 2011, 89, 403-412.	0.4	7
126	The EUV spectrum of the Sun: SOHO CDS NIS irradiances from 1998 until 2010. <i>Astronomy and Astrophysics</i> , 2011, 528, A139.	2.1	25



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127	A RECONNECTION-DRIVEN RAREFACTION WAVE MODEL FOR CORONAL OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 743, 66.	1.6	34
128	SDO AIA and Hinode EIS observations of $\alpha$ -loops. <i>Astronomy and Astrophysics</i> , 2011, 535, A46.	2.1	116
129	Hinode observations and 3D magnetic structure of an X-ray bright point. <i>Astronomy and Astrophysics</i> , 2011, 526, A134.	2.1	23
130	The 22 May 2007 B-class flare: new insights from <i>Hinode</i> observations. <i>Astronomy and Astrophysics</i> , 2011, 526, A1.	2.1	51
131	Benchmarking atomic data for astrophysics: Fe <sup>xiii</sup> EUV lines. <i>Astronomy and Astrophysics</i> , 2011, 533, A12.	2.1	31
132	Hinode extreme-ultraviolet imaging spectrometer observations of a limb active region. <i>Astronomy and Astrophysics</i> , 2011, 525, A137.	2.1	35
133	Benchmarking atomic data for astrophysics: Fe <sup>XVII</sup> X-ray lines. <i>Astronomy and Astrophysics</i> , 2011, 536, A59.	2.1	18
134	Solar plasma spectroscopy: achievements and future challenges. <i>Astronomy and Geophysics</i> , 2011, 52, 2.17-2.19.	0.1	0
135	The EVE Doppler Sensitivity and Flare Observations. <i>Solar Physics</i> , 2011, 273, 69-80.	1.0	25
136	UNDERFLIGHT CALIBRATION OF <i>SOHO</i> /CDS AND <i>HINODE</i> /EIS WITH EUNIS-07. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 32.	3.0	26
137	A single picture for solar coronal outflows and radio noise storms. <i>Astronomy and Astrophysics</i> , 2011, 526, A137.	2.1	84
138	Benchmarking atomic data for astrophysics: Fe <sup>xi</sup> . <i>Astronomy and Astrophysics</i> , 2010, 514, A41.	2.1	38
139	SDO/AIA response to coronal hole, quiet Sun, active region, and flare plasma. <i>Astronomy and Astrophysics</i> , 2010, 521, A21.	2.1	323
140	The EUV spectrum of the Sun: long-term variations in the SOHO CDS NIS spectral responsivities. <i>Astronomy and Astrophysics</i> , 2010, 518, A49.	2.1	25
141	Active region moss. <i>Astronomy and Astrophysics</i> , 2010, 518, A42.	2.1	37
142	Atomic data from the IRON project. <i>Astronomy and Astrophysics</i> , 2010, 514, A40.	2.1	34
143	<i>R</i> -MATRIX ELECTRON-IMPACT EXCITATION OF Fe <sup>13+</sup> AND ITS APPLICATION TO THE SOFT X-RAY AND EXTREME-ULTRAVIOLET SPECTROSCOPY OF CORONA-LIKE PLASMAS. <i>Astrophysical Journal</i> , Supplement Series, 2010, 190, 322-333.	3.0	36
144	ACTIVE REGION LOOPS: <i>HINODE</i> /EXTREME-ULTRAVIOLET IMAGING SPECTROMETER OBSERVATIONS. <i>Astrophysical Journal</i> , 2009, 694, 1256-1265.	1.6	119

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145	Benchmarking atomic data for astrophysics: Fe VII and other cool lines observed by Hinode EIS. <i>Astronomy and Astrophysics</i> , 2009, 508, 501-511.	2.1	43
146	Benchmarking atomic data for astrophysics: Fe XVII EUV lines. <i>Astronomy and Astrophysics</i> , 2009, 508, 1517-1526.	2.1	43
147	Benchmarking atomic data for astrophysics: Fe VIII EUV lines. <i>Astronomy and Astrophysics</i> , 2009, 508, 513-524.	2.1	36
148	Stellar and galactic environment survey (SAGE). <i>Astrophysics and Space Science</i> , 2009, 320, 231-238.	0.5	1
149	Stellar And Galactic Environment survey (SAGE). <i>Experimental Astronomy</i> , 2009, 23, 169-191.	1.6	3
150	R-matrix calculations for electron impact excitation. <i>Journal of Physics: Conference Series</i> , 2009, 194, 062006.	0.3	0
151	The EUV spectral irradiance of the Sun from 1997 to date. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 78-80.	0.0	3
152	CHIANTI – an atomic database for emission lines. <i>Astronomy and Astrophysics</i> , 2009, 498, 915-929.	2.1	379
153	Nonthermal and thermal diagnostics of a solar flare observed with RESIK and RHESSI. <i>Astronomy and Astrophysics</i> , 2008, 488, 311-321.	2.1	19
154	Measurement of electric-dipole forbidden 3p and 3d level decay rates in Fe XII. <i>Journal of Physics: Conference Series</i> , 2008, 130, 012018.	0.3	7
155	Density structure of an active region and associated moss using Hinode/EIS. <i>Astronomy and Astrophysics</i> , 2008, 481, L53-L56.	2.1	35
156	Electron-impact excitation of Be-like Mg. <i>Astronomy and Astrophysics</i> , 2008, 487, 1203-1208.	2.1	28
157	Flows in active region loops observed by Hinode EIS. <i>Astronomy and Astrophysics</i> , 2008, 481, L49-L52.	2.1	137
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