

Peter R Young

List of Publications by Year in descending order

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99
papers

9,106
citations

57758

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38395

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99
times ranked

3123
citing authors

#	ARTICLE	IF	CITATIONS
1	Revised Analysis of Fe vii. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 37.	7.7	6
2	A spectroscopic measurement of high velocity spray plasma from an M-class flare and coronal mass ejection. <i>Advances in Space Research</i> , 2022, , .	2.6	0
3	Properties of EUV Imaging Spectrometer (EIS) Slot Observations. <i>Solar Physics</i> , 2022, 297, .	2.5	2
4	Fe vii Emission Lines in the Wavelength Range 193â€“197 Å... <i>Astrophysical Journal</i> , 2021, 908, 104.	4.5	5
5	Extreme-ultraviolet bursts and nanoflares in the quiet-Sun transition region and corona. <i>Astronomy and Astrophysics</i> , 2021, 647, A159.	5.1	25
6	CHIANTIâ€™ An Atomic Database for Emission Lines. XVI. Version 10, Further Extensions. <i>Astrophysical Journal</i> , 2021, 909, 38.	4.5	173
7	Future Prospects for Solar EUV and Soft X-Ray Spectroscopy Missions. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	10
8	First observations from the SPICE EUV spectrometer on Solar Orbiter. <i>Astronomy and Astrophysics</i> , 2021, 656, A38.	5.1	8
9	An Analysis of Spikes in Atmospheric Imaging Assembly (AIA) Data. <i>Solar Physics</i> , 2021, 296, 1.	2.5	3
10	Atomic Data for Plasma Spectroscopy: The CHIANTI Database, Improvements and Challenges. <i>Atoms</i> , 2020, 8, 46.	1.6	17
11	Achievements of Hinode in the first eleven years. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	69
12	Multi-component Decomposition of Astronomical Spectra by Compressed Sensing. <i>Astrophysical Journal</i> , 2019, 882, 13.	4.5	22
13	Spectroscopic Constraints on the Cross-sectional Asymmetry and Expansion of Active Region Loops. <i>Astrophysical Journal</i> , 2019, 885, 7.	4.5	11
14	SI iv Resonance Line Emission during Solar Flares: Non-LTE, Nonequilibrium, Radiation Transfer Simulations. <i>Astrophysical Journal</i> , 2019, 871, 23.	4.5	48
15	IRIS Observations of Magnetic Interactions in the Solar Atmosphere between Preexisting and Emerging Magnetic Fields. II. UV Emission Properties. <i>Astrophysical Journal</i> , 2019, 871, 82.	4.5	19
16	CHIANTIâ€™ 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.	7.7	182
17	The Sun: Our own backyard plasma laboratory. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 333-340.	0.0	0
18	Impact of small-scale emerging flux from the photosphere to the corona: a case study from IRIS. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 439-442.	0.0	0

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19	Plasmoid-mediated reconnection in solar UV bursts. <i>Astronomy and Astrophysics</i> , 2019, 628, A8.	5.1	31
20	IRIS Observations of Magnetic Interactions in the Solar Atmosphere between Preexisting and Emerging Magnetic Fields. I. Overall Evolution. <i>Astrophysical Journal</i> , 2018, 856, 127.	4.5	31
21	Frequently Occurring Reconnection Jets from Sunspot Light Bridges. <i>Astrophysical Journal</i> , 2018, 854, 92.	4.5	70
22	Predictions of DKIST/DL-NIRSP Observations for an Off-limb Kink-unstable Coronal Loop. <i>Astrophysical Journal</i> , 2018, 863, 172.	4.5	4
23	A Si iv/O iv Electron Density Diagnostic for the Analysis of IRIS Solar Spectra. <i>Astrophysical Journal</i> , 2018, 857, 5.	4.5	20
24	Solar Ultraviolet Bursts. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	80
25	Element Abundance Ratios in the Quiet Sun Transition Region. <i>Astrophysical Journal</i> , 2018, 855, 15.	4.5	41
26	Observational Signatures of a Kink-unstable Coronal Flux Rope Using Hinode/EIS. <i>Astrophysical Journal</i> , 2017, 842, 16.	4.5	7
27	Nonequilibrium Processes in the Solar Corona, Transition Region, Flares, and Solar Wind (Invited) Tj ETQq1 1 0.784314 rgBT /Overlock 2.5 60	4.5	12
28	Modeling Coronal Response in Decaying Active Regions with Magnetic Flux Transport and Steady Heating. <i>Astrophysical Journal</i> , 2017, 846, 165.	4.5	12
29	Compact solar UV burst triggered in a magnetic field with a fan-spine topology. <i>Astronomy and Astrophysics</i> , 2017, 605, A49.	5.1	45
30	Solar Coronal Jets: Observations, Theory, and Modeling. <i>Space Science Reviews</i> , 2016, 201, 1-53.	8.1	256
31	THE ELECTRON DENSITY IN EXPLOSIVE TRANSITION REGION EVENTS OBSERVED BY IRIS. <i>Astrophysical Journal</i> , 2016, 832, 77.	4.5	13
32	The CHIANTI atomic database. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 074009.	1.5	19
33	CORRELATION OF CORONAL PLASMA PROPERTIES AND SOLAR MAGNETIC FIELD IN A DECAYING ACTIVE REGION. <i>Astrophysical Journal</i> , 2016, 826, 126.	4.5	14
34	A closer look at a coronal loop rooted in a sunspot umbra. <i>Astronomy and Astrophysics</i> , 2016, 587, A20.	5.1	35
35	TEMPORAL EVOLUTION OF CHROMOSPHERIC EVAPORATION: CASE STUDIES OF THE M1.1 FLARE ON 2014 SEPTEMBER 6 AND X1.6 FLARE ON 2014 SEPTEMBER 10. <i>Astrophysical Journal</i> , 2015, 811, 139.	4.5	95
36	CHIANTI â€“ An atomic database for emission lines. Version 8. <i>Astronomy and Astrophysics</i> , 2015, 582, A56.	5.1	372

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37	THE 2014 MARCH 29 X-FLARE: SUBARCSECOND RESOLUTION OBSERVATIONS OF Fe XXI λ 1354.1. <i>Astrophysical Journal</i> , 2015, 799, 218.	4.5	87
38	THE FAST FILAMENT ERUPTION LEADING TO THE X-FLARE ON 2014 MARCH 29. <i>Astrophysical Journal</i> , 2015, 806, 9.	4.5	59
39	DARK JETS IN SOLAR CORONAL HOLES. <i>Astrophysical Journal</i> , 2015, 801, 124.	4.5	19
40	TEMPORAL EVOLUTION OF SOLAR WIND ION COMPOSITION AND THEIR SOURCE CORONAL HOLES DURING THE DECLINING PHASE OF CYCLE 23. I. LOW-LATITUDE EXTENSION OF POLAR CORONAL HOLES. <i>Astrophysical Journal</i> , 2014, 787, 121.	4.5	20
41	EVIDENCE FOR TWO SEPARATE HELIOSPHERIC CURRENT SHEETS OF CYLINDRICAL SHAPE DURING MID-2012. <i>Astrophysical Journal</i> , 2014, 780, 103.	4.5	18
42	A coronal hole jet observed with Hinode and the Solar Dynamics Observatory. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	2.5	44
43	CORE AND WING DENSITIES OF ASYMMETRIC CORONAL SPECTRAL PROFILES: IMPLICATIONS FOR THE MASS SUPPLY OF THE SOLAR CORONA. <i>Astrophysical Journal</i> , 2014, 781, 58.	4.5	17
44	Solar Dynamics Observatory and Hinode Observations of a Blowout Jet in a Coronal Hole. <i>Solar Physics</i> , 2014, 289, 3313-3329.	2.5	71
45	PROPERTIES OF A SOLAR FLARE KERNEL OBSERVED BY <i>Hinode</i> AND <i>SDO</i> . <i>Astrophysical Journal</i> , 2013, 766, 127.	4.5	69
46	CHIANTI—AN ATOMIC DATABASE FOR EMISSION LINES. XIII. SOFT X-RAY IMPROVEMENTS AND OTHER CHANGES. <i>Astrophysical Journal</i> , 2013, 763, 86.	4.5	401
47	CHROMOSPHERIC EVAPORATION IN AN M1.8 FLARE OBSERVED BY THE EXTREME-ULTRAVIOLET IMAGING SPECTROMETER ON <i>Hinode</i> . <i>Astrophysical Journal</i> , 2013, 767, 55.	4.5	53
48	CHIANTI: An Atomic Database for Astrophysical Plasmas. <i>Fusion Science and Technology</i> , 2013, 63, 324-332.	1.1	1
49	CHIANTI—AN ATOMIC DATABASE FOR EMISSION LINES. XII. VERSION 7 OF THE DATABASE. <i>Astrophysical Journal</i> , 2012, 744, 99.	4.5	278
50	LEMUR: Large European module for solar Ultraviolet Research. <i>Experimental Astronomy</i> , 2012, 34, 273-309.	3.7	25
51	VELOCITY MEASUREMENTS FOR A SOLAR ACTIVE REGION FAN LOOP FROM <i>Hinode</i> /EIS OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 744, 14.	4.5	62
52	EUV SPECTRAL LINE FORMATION AND THE TEMPERATURE STRUCTURE OF ACTIVE REGION FAN LOOPS: OBSERVATIONS WITH <i>Hinode</i> /EIS AND <i>SDO</i> /AIA. <i>Astrophysical Journal</i> , 2011, 730, 85.	4.5	36
53	THE TEMPERATURE DEPENDENCE OF SOLAR ACTIVE REGION OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 727, 58.	4.5	60
54	PLASMA MOTIONS AND HEATING BY MAGNETIC RECONNECTION IN A 2007 MAY 19 FLARE. <i>Astrophysical Journal</i> , 2011, 741, 107.	4.5	84

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55	Hinode extreme-ultraviolet imaging spectrometer observations of a limb active region. <i>Astronomy and Astrophysics</i> , 2011, 525, A137.	5.1	35
56	UNDERFLIGHT CALIBRATION OF <i>SOHO</i> /CDS AND <i>HINODE</i> /EIS WITH EUNIS-07. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 32.	7.7	26
57	FORBIDDEN AND INTERCOMBINATION LINES OF RR TELESCOPII: WAVELENGTH MEASUREMENTS AND ENERGY LEVELS. <i>Astrophysical Journal</i> , Supplement Series, 2011, 196, 23.	7.7	23
58	THE RELATIVE INTENSITY CALIBRATION OF <i>HINODE</i> /EIS AND <i>SOHO</i> /SUMER. <i>Astrophysical Journal</i> , 2010, 714, 636-643.	4.5	16
59	MULTIPLE COMPONENT OUTFLOWS IN AN ACTIVE REGION OBSERVED WITH THE EUV IMAGING SPECTROMETER ON <i>HINODE</i> . <i>Astrophysical Journal</i> , 2010, 715, 1012-1020.	4.5	73
60	NEW Fe VIII LINE IDENTIFICATIONS USING OBSERVATIONS OF THE QUIET SUN. <i>Astrophysical Journal</i> , 2010, 713, 205-211.	4.5	8
61	Active region moss. <i>Astronomy and Astrophysics</i> , 2010, 518, A42.	5.1	37
62	Evidence for magnetic flux cancelation leading to an ejective solar eruption observed by <i>Hinode</i> , <i>TRACE</i> , <i>STEREO</i> , and <i>SoHO</i> /MDI. <i>Astronomy and Astrophysics</i> , 2010, 521, A49.	5.1	38
63	ACTIVE REGION LOOPS: <i>HINODE</i> /EXTREME-ULTRAVIOLET IMAGING SPECTROMETER OBSERVATIONS. <i>Astrophysical Journal</i> , 2009, 694, 1256-1265.	4.5	119
64	NEW Fe IX LINE IDENTIFICATIONS USING <i>SOLAR AND HELIOSPHERIC OBSERVATORY</i> /SOLAR ULTRAVIOLET MEASUREMENT OF EMITTED RADIATION AND <i>HINODE</i> /EIS JOINT OBSERVATIONS OF THE QUIET SUN. <i>Astrophysical Journal</i> , 2009, 707, 1191-1200.	4.5	17
65	CHIANTI – AN ATOMIC DATABASE FOR EMISSION LINES. XI. EXTREME-ULTRAVIOLET EMISSION LINES OF Fe VII, Fe VIII, AND Fe IX OBSERVED BY <i>HINODE</i> /EIS. <i>Astrophysical Journal</i> , 2009, 707, 173-192.	4.5	38
66	HOT PLASMA IN NONFLARING ACTIVE REGIONS OBSERVED BY THE EXTREME-ULTRAVIOLET IMAGING SPECTROMETER ON <i>HINODE</i> . <i>Astrophysical Journal</i> , 2009, 697, 1956-1970.	4.5	37
67	High-precision density measurements in the solar corona. <i>Astronomy and Astrophysics</i> , 2009, 495, 587-606.	5.1	161
68	Fe XIII DENSITY DIAGNOSTICS IN THE EIS OBSERVING WAVELENGTHS. <i>Astrophysical Journal</i> , 2009, 692, 1294-1304.	4.5	42
69	TEMPERATURE TOMOGRAPHY OF A CORONAL SIGMOID SUPPORTING THE GRADUAL FORMATION OF A FLUX ROPE. <i>Astrophysical Journal</i> , 2009, 698, L27-L32.	4.5	39
70	CHIANTI – AN ATOMIC DATABASE FOR EMISSION LINES. X. SPECTRAL ATLAS OF A COLD FEATURE OBSERVED WITH <i>HINODE</i> /EUV IMAGING SPECTROMETER. <i>Astrophysical Journal</i> , 2009, 706, 1-20.	4.5	43
71	NEW EUV Fe IX EMISSION LINE IDENTIFICATIONS FROM <i>HINODE</i> /EIS. <i>Astrophysical Journal</i> , 2009, 691, L77-L81.	4.5	33
72	CHIANTI – an atomic database for emission lines. <i>Astronomy and Astrophysics</i> , 2009, 498, 915-929.	5.1	379

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73	Xâ€Ray Enabled MOCASSIN: A Threeâ€dimensional Code for Photoionized Media. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 534-542.	7.7	102
74	Outflows at the Edges of Active Regions: Contribution to Solar Wind Formation?. <i>Astrophysical Journal</i> , 2008, 676, L147-L150.	4.5	174
75	Coronal Plasma Motions near Footpoints of Active Region Loops Revealed from Spectroscopic Observations with <i>Hinode</i> EIS. <i>Astrophysical Journal</i> , 2008, 678, L67-L71.	4.5	146
76	On the ultraviolet signatures of small scale heating in coronal loops. <i>Astronomy and Astrophysics</i> , 2008, 492, 857-862.	5.1	3
77	Density structure of an active region and associated moss using <i>Hinode</i> /EIS. <i>Astronomy and Astrophysics</i> , 2008, 481, L53-L56.	5.1	35
78	An active region jet observed with <i>Hinode</i> . <i>Astronomy and Astrophysics</i> , 2008, 481, L57-L60.	5.1	60
79	Coronal magnetic field measurement using loop oscillations observed by <i>Hinode</i> /EIS. <i>Astronomy and Astrophysics</i> , 2008, 487, L17-L20.	5.1	93
80	Magnetic flux cancellation associated with a recurring solar jet observed with <i>Hinode</i> , <i>RHESSI</i> , and <i>STEREO</i> /EUVI. <i>Astronomy and Astrophysics</i> , 2008, 491, 279-288.	5.1	83
81	Temperature and Density Structures of Solar Coronaâ€”A Test of Iron Line Diagnostic Capability of EIS Instrument on Board <i>Hinode</i> . <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S669-S674.	2.5	17
82	EUV Emission Lines and Diagnostics Observed with <i>Hinode</i> /EIS. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S857-S864.	2.5	175
83	Coronal Dimming Observed with <i>Hinode</i> : Outflows Related to a Coronal Mass Ejection. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S801-S806.	2.5	68
84	<i>Hinode</i> EUV Study of Jets in the Sunâ€™s South Polar Corona. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S751-S756.	2.5	62
85	The Temperature and Density Structure of an Active Region Observed with the Extreme-Ultraviolet Imaging Spectrometer on <i>Hinode</i> . <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S707-S712.	2.5	21
86	Solar Transition Region Features Observed with <i>Hinode</i> /EIS. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S727-S733.	2.5	57
87	Nonthermal Velocities in Solar Active Regions Observed with the Extreme-Ultraviolet Imaging Spectrometer on <i>Hinode</i> . <i>Astrophysical Journal</i> , 2007, 667, L109-L112.	4.5	94
88	The EUV Imaging Spectrometer for <i>Hinode</i> . <i>Solar Physics</i> , 2007, 243, 19-61.	2.5	798
89	CHIANTIâ€”An Atomic Database for Emission Lines. VII. New Data for Xâ€Rays and Other Improvements. <i>Astrophysical Journal, Supplement Series</i> , 2006, 162, 261-280.	7.7	404
90	The Ne/O abundance ratio in the quiet Sun. <i>Astronomy and Astrophysics</i> , 2005, 444, L45-L48.	5.1	72

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91	Fe VII lines in the spectrum of RR Telescopii. <i>Astronomy and Astrophysics</i> , 2005, 432, 665-670.	5.1	17
92	The element abundance FIP effect in the quiet Sun. <i>Astronomy and Astrophysics</i> , 2005, 439, 361-366.	5.1	33
93	CHIANTI—An Atomic Database for Emission Lines. VI. Proton Rates and Other Improvements. <i>Astrophysical Journal, Supplement Series</i> , 2003, 144, 135-152.	7.7	261
94	CDS UV Brightenings Explained by Quasi-separatrices and Bald Patches in an S-shape Active Region. <i>Symposium - International Astronomical Union</i> , 2001, 203, 314-317.	0.1	1
95	CHIANTI—An Atomic Database for Emission Lines. IV. Extension to X-Ray Wavelengths. <i>Astrophysical Journal, Supplement Series</i> , 2001, 134, 331-354.	7.7	170
96	Active Regions Observed in Extreme Ultraviolet Light by the Coronal Diagnostic Spectrometer on Soho. <i>Solar Physics</i> , 1997, 175, 487-509.	2.5	46
97	The Mg/Ne abundance ratio in a recently emerged flux region observed by CDS. <i>Solar Physics</i> , 1997, 175, 523-539.	2.5	45
98	Title is missing!. <i>Solar Physics</i> , 1997, 170, 143-161.	2.5	56
99	CHIANTI - an atomic database for emission lines. <i>Astronomy and Astrophysics</i> , 1997, 125, 149-173.	2.1	1,640