

Eddie Baron

List of Publications by Year in descending order

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258
papers

12,635
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22153

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times ranked

6029
citing authors

#	ARTICLE	IF	CITATIONS
1	Carnegie Supernova Project-II: Near-infrared Spectroscopy of Stripped-envelope Core-collapse Supernovae [*] . <i>Astrophysical Journal</i> , 2022, 925, 175.	4.5	17
2	A Tale of Two Type Ia Supernovae: The Fast-declining Siblings SNe 2015bo and 1997cn. <i>Astrophysical Journal</i> , 2022, 928, 103.	4.5	7
3	Carnegie Supernova Project: kinky <i>i</i> -band light curves of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4929-4942.	4.4	2
4	A Speed Bump: SN 2021aefx Shows that Doppler Shift Alone Can Explain Early Excess Blue Flux in Some Type Ia Supernovae. <i>Astrophysical Journal Letters</i> , 2022, 932, L2.	8.3	22
5	SN 2017hpa: A Nearby Carbon-rich Type Ia Supernova with a Large Velocity Gradient. <i>Astrophysical Journal</i> , 2021, 909, 176.	4.5	2
6	A 3D radiative transfer framework: XII. Many-core, vector and GPU methods. <i>Astronomy and Computing</i> , 2021, 35, 100450.	1.7	0
7	SN 2018hfm: a low-energy Type II supernova with prominent signatures of circumstellar interaction and dust formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2013-2032.	4.4	8
8	ASASSN-15hy: An Underluminous, Red O3fg-like Type Ia Supernova. <i>Astrophysical Journal</i> , 2021, 920, 107.	4.5	11
9	Carnegie Supernova Project: The First Homogeneous Sample of Super-Chandrasekhar-mass/2003fg-like Type Ia Supernovae. <i>Astrophysical Journal</i> , 2021, 922, 205.	4.5	18
10	Measuring an Off-center Detonation through Infrared Line Profiles: The Peculiar Type Ia Supernova SN 2020qxp/ASASSN-20jq. <i>Astrophysical Journal</i> , 2021, 922, 186.	4.5	12
11	SN 2018zd: an unusual stellar explosion as part of the diverse Type II Supernova landscape. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 84-100.	4.4	30
12	SN 2018hti: a nearby superluminous supernova discovered in a metal-poor galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 318-335.	4.4	16
13	Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. <i>Astrophysical Journal</i> , 2020, 895, 31.	4.5	14
14	Carnegie Supernova Project-II: A New Method to Photometrically Identify Sub-types of Extreme Type Ia Supernovae. <i>Astrophysical Journal Letters</i> , 2020, 895, L3.	8.3	17
15	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020, 634, A21.	5.1	14
16	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020, 639, A103.	5.1	12
17	The Carnegie Supernova Project II. <i>Astronomy and Astrophysics</i> , 2020, 639, A104.	5.1	12
18	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. <i>Astrophysical Journal</i> , 2020, 898, 166.	4.5	48

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19	Carnegie Supernova Project II: The Slowest Rising Type Ia Supernova LSQ14fmg and Clues to the Origin of Super-Chandrasekhar/03fg-like Events*. <i>Astrophysical Journal</i> , 2020, 900, 140.	4.5	24
20	Carnegie Supernova Project: Classification of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2020, 901, 154.	4.5	12
21	Ultraviolet Line Identifications and Spectral Formation Near Max Light in Type Ia Supernova 2011fe. <i>Astrophysical Journal</i> , 2020, 901, 86.	4.5	4
22	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. <i>Astrophysical Journal</i> , 2019, 870, 12.	4.5	60
23	Carnegie Supernova Project-II: Using Near-infrared Spectroscopy to Determine the Location of the Outer ^{56}Ni in Type Ia Supernovae. <i>Astrophysical Journal Letters</i> , 2019, 875, L14.	8.3	20
24	Predicting the Extreme Ultraviolet Radiation Environment of Exoplanets around Low-mass Stars: The TRAPPIST-1 System. <i>Astrophysical Journal</i> , 2019, 871, 235.	4.5	57
25	Observations of SN 2017ein Reveal Shock Breakout Emission and a Massive Progenitor Star for a Type Ic Supernova. <i>Astrophysical Journal</i> , 2019, 871, 176.	4.5	27
26	Seeing Double: ASASSN-18bt Exhibits a Two-component Rise in the Early-time K2 Light Curve. <i>Astrophysical Journal</i> , 2019, 870, 13.	4.5	67
27	K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova. <i>Astrophysical Journal Letters</i> , 2019, 870, L1.	8.3	80
28	Discovery and progenitor constraints on the Type Ia supernova 2013gy. <i>Astronomy and Astrophysics</i> , 2019, 627, A174.	5.1	21
29	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk. <i>Astronomy and Astrophysics</i> , 2019, 630, A76.	5.1	35
30	Predicting the Extreme Ultraviolet Radiation Environment of Exoplanets around Low-mass Stars: GJ 832, GJ 176, and GJ 436. <i>Astrophysical Journal</i> , 2019, 886, 77.	4.5	32
31	Carnegie Supernova Project-II: Near-infrared Spectroscopic Diversity of Type II Supernovae. <i>Astrophysical Journal</i> , 2019, 887, 4.	4.5	16
32	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to $z \approx 0.1$. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014001.	3.1	56
33	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014002.	3.1	55
34	A Physical Basis for the H-band Blue-edge Velocity and Light-curve Shape Correlation in Context of Type Ia Supernova Explosion Physics. <i>Astrophysical Journal</i> , 2019, 878, 86.	4.5	15
35	Preparing NERSC users for Cori, a Cray XC40 system with Intel many integrated cores. <i>Concurrency Computation Practice and Experience</i> , 2018, 30, e4291.	2.2	11
36	Investigating the Unusual Spectroscopic Time Evolution in SN 2012fr. <i>Astrophysical Journal</i> , 2018, 869, 162.	4.5	3

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37	The Carnegie Supernova Project I. <i>Astronomy and Astrophysics</i> , 2018, 609, A136.	5.1	121
38	Red versus Blue: Early Observations of Thermonuclear Supernovae Reveal Two Distinct Populations?. <i>Astrophysical Journal Letters</i> , 2018, 864, L35.	8.3	49
39	Understanding the Death of Massive Stars Using an Astrophysical Transients Observatory. <i>Frontiers in Astronomy and Space Sciences</i> , 2018, 5, .	2.8	3
40	SN 2012fr: Ultraviolet, Optical, and Near-infrared Light Curves of a Type Ia Supernova Observed within a Day of Explosion*. <i>Astrophysical Journal</i> , 2018, 859, 24.	4.5	48
41	Two transitional type Ia supernovae located in the Fornax cluster member NGC 1404: SN 2007on and SN 2011iv. <i>Astronomy and Astrophysics</i> , 2018, 611, A58.	5.1	57
42	Bolometric Light Curves of Peculiar Type II-P Supernovae. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 044202.	3.1	17
43	Accelerating gravitational microlensing simulations using the Xeon Phi coprocessor. <i>Astronomy and Computing</i> , 2017, 19, 60-65.	1.7	5
44	Supernova 2014J at M82 â€“ II. Direct analysis of a middle-class Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1614-1624.	4.4	6
45	SN 2014J at M82 â€“ I. A middle-class Type Ia supernova by all spectroscopic metrics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 525-537.	4.4	15
46	Spectral models for early time SN 2011fe observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2549-2556.	4.4	10
47	THEORETICAL CLUES TO THE ULTRAVIOLET DIVERSITY OF TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 809, 37.	4.5	17
48	Comprehensive observations of the bright and energetic Type Iax SN 2012Z: Interpretation as a Chandrasekhar mass white dwarf explosion. <i>Astronomy and Astrophysics</i> , 2015, 573, A2.	5.1	88
49	Identification of the feature that causes the I-band secondary maximum of a Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3581-3586.	4.4	14
50	ALGORITHMS AND PROGRAMS FOR STRONG GRAVITATIONAL LENSING IN KERR SPACE-TIME INCLUDING POLARIZATION. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 4.	7.7	14
51	NEAR-INFRARED LINE IDENTIFICATION IN TYPE Ia SUPERNOVAE DURING THE TRANSITIONAL PHASE. <i>Astrophysical Journal</i> , 2014, 792, 120.	4.5	28
52	EVIDENCE FOR ACTIVE GALACTIC NUCLEUS FEEDBACK IN THE BROAD ABSORPTION LINES AND REDDENING OF MRK 231. <i>Astrophysical Journal</i> , 2014, 788, 123.	4.5	47
53	SNe Ia: Can Chandrasekhar mass explosions reproduce the observed zoo?. <i>Nuclear Physics A</i> , 2014, 928, 319-330.	1.5	4
54	Optical and near-IR observations of the faint and fast 2008ha-like supernova 2010ae. <i>Astronomy and Astrophysics</i> , 2014, 561, A146.	5.1	65

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55	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2014, 566, A89.	5.1	11
56	Hydrogen and helium in the spectra of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 329-345.	4.4	61
57	EFFECTS OF KERR STRONG GRAVITY ON QUASAR X-RAY MICROLENSING. <i>Astrophysical Journal</i> , 2013, 769, 131.	4.5	17
58	The UV/optical spectra of the Type Ia supernova SN 2010jn: a bright supernova with outer layers rich in iron-group elements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2228-2248.	4.4	48
59	INCLINATION-DEPENDENT ACTIVE GALACTIC NUCLEUS FLUX PROFILES FROM STRONG LENSING OF THE KERR SPACETIME. <i>Astrophysical Journal</i> , 2013, 762, 122.	4.5	10
60	Time-dependent radiative transfer with PHOENIX(Corrigendum). <i>Astronomy and Astrophysics</i> , 2013, 549, C1.	5.1	0
61	3D radiative transfer effects in parametrized starspots. <i>Astronomy and Astrophysics</i> , 2013, 550, A104.	5.1	2
62	SUPERNOVA RESONANCE-SCATTERING LINE PROFILES IN THE ABSENCE OF A PHOTOSPHERE. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 12.	7.7	8
63	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2012, 548, A67.	5.1	4
64	A PHYSICAL MODEL FOR SN 2001ay, A NORMAL, BRIGHT, EXTREMELY SLOW DECLINING TYPE Ia SUPERNOVA. <i>Astrophysical Journal</i> , 2012, 753, 105.	4.5	24
65	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 749, 126.	4.5	49
66	ANALYSIS OF THE EARLY-TIME OPTICAL SPECTRA OF SN 2011fe IN M101. <i>Astrophysical Journal Letters</i> , 2012, 752, L26.	8.3	75
67	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2012, 546, A39.	5.1	6
68	The bright Type IIP SN 2009bw, showing signs of interaction.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1122-1139.	4.4	67
69	Quantitative photospheric spectral analysis of the Type IIP supernova 2007od. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1178-1185.	4.4	12
70	Near-infrared light curves of type Ia supernovae. <i>Astronomy and Astrophysics</i> , 2012, 538, A132.	5.1	12
71	Comparative Analysis of Peculiar Type Ia 1991bg-like Supernovae Spectra. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 765-776.	3.1	11
72	Constraining the Properties of SNe Ia Progenitors from Light Curves. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 309-313.	0.0	1

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73	Theoretical light curves of type Ia supernovae. <i>Astronomy and Astrophysics</i> , 2011, 528, A141.	5.1	17
74	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2011, 533, A127.	5.1	5
75	SEARCHING FOR HYDROGEN IN TYPE Ib SUPERNOVAE. <i>Astrophysical Journal</i> , 2010, 718, 957-962.	4.5	19
76	SECONDARY PARAMETERS OF TYPE Ia SUPERNOVA LIGHT CURVES. <i>Astrophysical Journal</i> , 2010, 710, 444-455.	4.5	63
77	On the hydrogen recombination time in Type II supernova atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2081-2092.	4.4	16
78	Hydrogen recombination with multilevel atoms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 658-668.	4.4	4
79	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2010, 522, A102.	5.1	11
80	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2010, 509, A36.	5.1	29
81	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2009, 498, 981-985.	5.1	10
82	Comoving-frame radiative transfer in arbitrary velocity fields. <i>Astronomy and Astrophysics</i> , 2009, 501, 813-820.	5.1	3
83	A new formal solution of the radiative transfer in arbitrary velocity fields. <i>Astronomy and Astrophysics</i> , 2009, 496, 295-298.	5.1	2
84	Comparative Direct Analysis of Type Ia Supernova Spectra. V. Insights from a Larger Sample and Quantitative Subclassification. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 238-247.	3.1	90
85	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2009, 498, 987-992.	5.1	11
86	STELLAR POPULATION MODELS AND INDIVIDUAL ELEMENT ABUNDANCES. II. STELLAR SPECTRA AND INTEGRATED LIGHT MODELS. <i>Astrophysical Journal</i> , 2009, 694, 902-923.	4.5	63
87	3D Radiative Transfer with PHOENIX. , 2009, , .		1
88	Time-dependent radiative transfer with PHOENIX. <i>Astronomy and Astrophysics</i> , 2009, 502, 1043-1049.	5.1	19
89	Comparative Direct Analysis of Type Ia Supernova Spectra. IV. Postmaximum. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 135-149.	3.1	39
90	Irradiated planets. <i>Physica Scripta</i> , 2008, T130, 014033.	2.5	2

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91	Multilayered Spectral Formation in Type Ia Supernovae around Maximum Light. <i>Astrophysical Journal</i> , 2008, 687, 456-465.	4.5	20
92	Detailed Spectral Modeling of a Three-dimensional Pulsating Reverse Detonation Model: Too Much Nickel. <i>Astrophysical Journal</i> , 2008, 672, 1038-1042.	4.5	13
93	<i>GALEX</i> Spectroscopy of SN 2005ay Suggests Ultraviolet Spectral Uniformity among Type II-P Supernovae. <i>Astrophysical Journal</i> , 2008, 685, L117-L120.	4.5	29
94	A Self-consistent NLTE Spectra Synthesis Model of FeLoBAL QSOs. <i>Astrophysical Journal</i> , 2008, 676, 857-867.	4.5	9
95	The Dartmouth Stellar Evolution Database. <i>Astrophysical Journal, Supplement Series</i> , 2008, 178, 89-101.	7.7	1,397
96	Detailed Spectral Analysis of the Type Ib Supernova 1999dn. I. Hydrogen-free Models. <i>Astrophysical Journal</i> , 2008, 674, 371-377.	4.5	9
97	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2008, 490, 873-877.	5.1	11
98	Probing the Nature of Type I Supernovae with SYNOW. , 2007, , .		3
99	Goodness-of-Fit Tests DIFF1 and DIFF2 for Locally Normalized Supernova Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2007, 171, 493-511.	7.7	14
100	Stellar Population Models and Individual Element Abundances. I. Sensitivity of Stellar Evolution Models. <i>Astrophysical Journal</i> , 2007, 666, 403-412.	4.5	85
101	Nearby Supernova Factory Observations of SN 2006D: On Sporadic Carbon Signatures in Early Type Ia Supernova Spectra. <i>Astrophysical Journal</i> , 2007, 654, L53-L56.	4.5	49
102	The ACS Survey of Galactic Globular Clusters. II. Stellar Evolution Tracks, Isochrones, Luminosity Functions, and Synthetic Horizontal-Branch Models. <i>Astronomical Journal</i> , 2007, 134, 376-390.	4.7	247
103	Reddening, Abundances, and Line Formation in SNe II. <i>Astrophysical Journal</i> , 2007, 662, 1148-1155.	4.5	28
104	Direct Analysis of Spectra of the Unusual Type Ib Supernova 2005bf. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 135-142.	3.1	32
105	Comparative Direct Analysis of Type Ia Supernova Spectra. III. Premaximum. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 709-721.	3.1	25
106	A 3D radiative transfer framework. <i>Astronomy and Astrophysics</i> , 2007, 468, 255-261.	5.1	35
107	General relativistic radiative transfer. <i>Astronomy and Astrophysics</i> , 2007, 463, 315-320.	5.1	7
108	Progenitors of type Ia supernovae: Binary stars with white dwarf companions. <i>New Astronomy Reviews</i> , 2007, 51, 524-538.	12.8	62

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109	Steps for solving the radiative transfer equation for arbitrary flows in stationary space-times. Monthly Notices of the Royal Astronomical Society, 2007, 380, 104-112.	4.4	11
110	Analyzing SN 2003Z with PHOENIX. Astronomy and Astrophysics, 2007, 469, 1077-1081.	5.1	3
111	Comparative Direct Analysis of Type Ia Supernova Spectra. II. Maximum Light. Publications of the Astronomical Society of the Pacific, 2006, 118, 560-571.	3.1	214
112	Hydrogen in Type Ic Supernovae?. Publications of the Astronomical Society of the Pacific, 2006, 118, 791-796.	3.1	39
113	Absolute Magnitude Distributions and Light Curves of Stripped-Envelope Supernovae. Astronomical Journal, 2006, 131, 2233-2244.	4.7	90
114	Spectral Modeling of SNe Ia Near Maximum Light: Probing the Characteristics of Hydrodynamical Models. Astrophysical Journal, 2006, 645, 480-487.	4.5	36
115	FUSE Observation of the Narrow-Line Seyfert 1 Galaxy RE 1034+39: Dependence of Broad Emission Line Strengths on the Shape of the Photoionizing Spectrum. Astrophysical Journal, 2006, 637, 157-182.	4.5	40
116	The Joint Efficient Dark-energy Investigation (JEDI): measuring the cosmic expansion history from type Ia supernovae. , 2006, 6265, 747.		1
117	Illuminating dark energy with the Joint Efficient Dark-energy Investigation (JEDI). , 2006, , .		7
118	Type Ia Supernova Spectral Line Ratios as Luminosity Indicators. Astrophysical Journal, 2006, 647, 513-524.	4.5	36
119	A 3D radiative transfer framework. Astronomy and Astrophysics, 2006, 451, 273-284.	5.1	44
120	Hydrogen and helium traces in type Ia-c supernovae. Astronomy and Astrophysics, 2006, 450, 305-330.	5.1	68
121	Hubble Space Telescope and Ground-based Observations of SN 1993J and SN 1998S: CNO Processing in the Progenitors. Astrophysical Journal, 2005, 622, 991-1007.	4.5	86
122	6 Li in the Atmosphere of GJ 117. Astrophysical Journal, 2005, 632, L127-L130.	4.5	5
123	SN 1998A: explosion of a blue supergiant. Monthly Notices of the Royal Astronomical Society, 2005, 360, 950-962.	4.4	56
124	Comparative Direct Analysis of Type Ia Supernova Spectra. I. SN 1994D. Publications of the Astronomical Society of the Pacific, 2005, 117, 545-552.	3.1	79
125	Early and late time VLT spectroscopy of SN 2001el - progenitor constraints for a type Ia supernova. Astronomy and Astrophysics, 2005, 443, 649-662.	5.1	136
126	Hunting for the signatures of 3-D explosions with 1-D synthetic spectra. , 2004, , 173-178.		0

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127	Low-luminosity Type II supernovae: spectroscopic and photometric evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 74-94.	4.4	205
128	Reading the Spectra of the Most Peculiar Type Ia Supernova 2002cx. <i>Publications of the Astronomical Society of the Pacific</i> , 2004, 116, 903-908.	3.1	88
129	Type IIP Supernovae as Cosmological Probes: A Spectral-fitting Expanding Atmosphere Model Distance to SN 1999em. <i>Astrophysical Journal</i> , 2004, 616, L91-L94.	4.5	101
130	On the Geometry of the High-Velocity Ejecta of the Peculiar Type Ia Supernova 2000cx. <i>Astrophysical Journal</i> , 2004, 601, 1019-1030.	4.5	35
131	Direct Analysis of Spectra of the Peculiar Type Ia Supernova 2000cx. <i>Astrophysical Journal</i> , 2004, 606, 413-423.	4.5	32
132	Improved discretization of the wavelength derivative term in CMF operator splitting numerical radiative transfer. <i>Astronomy and Astrophysics</i> , 2004, 417, 317-324.	5.1	28
133	Co-moving frame radiative transfer in spherical media with arbitrary velocity fields. <i>Astronomy and Astrophysics</i> , 2004, 427, 987-994.	5.1	15
134	An elementary puzzle. <i>Nature</i> , 2003, 424, 628-629.	27.8	2
135	Determination of Primordial Metallicity and Mixing in the Type II ϵ Supernova 1993W. <i>Astrophysical Journal</i> , 2003, 586, 1199-1210.	4.5	15
136	Analysis of the Flux and Polarization Spectra of the Type Ia Supernova SN 2001el: Exploring the Geometry of the High-Velocity Ejecta. <i>Astrophysical Journal</i> , 2003, 593, 788-808.	4.5	134
137	Detectability of Mixed Unburnt C+O in Type Ia Supernova Spectra. <i>Astrophysical Journal</i> , 2003, 588, L29-L32.	4.5	22
138	Optical Spectra of the Type Ia Supernova 1998aq. <i>Astronomical Journal</i> , 2003, 126, 1489-1498.	4.7	87
139	Highlights of Stellar Modeling with PHOENIX. <i>Symposium - International Astronomical Union</i> , 2003, 210, 19-32.	0.1	2
140	Optical Spectra of Supernovae. <i>Lecture Notes in Physics</i> , 2003, , 47-75.	0.7	17
141	Direct Analysis of Spectra of Type Ib Supernovae. <i>Astrophysical Journal</i> , 2002, 566, 1005-1017.	4.5	147
142	A Complete Analytic Inversion of Supernova Lines in the Sobolev Approximation. <i>Astrophysical Journal</i> , 2002, 565, 380-384.	4.5	10
143	A Comparative Study of the Absolute Magnitude Distributions of Supernovae. <i>Astronomical Journal</i> , 2002, 123, 745-752.	4.7	173
144	Non-LTE Effects of N[ClC]a[ClC] [CSC]i[ClC] in the Atmosphere of HD 209458[ClC]b[ClC]. <i>Astrophysical Journal</i> , 2002, 569, L51-L54.	4.5	68

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145	Detailed Spectroscopic Analysis of SN 1987A: The Distance to the Large Magellanic Cloud Using the Spectral Fitting Expanding Atmosphere Method. <i>Astrophysical Journal</i> , 2002, 574, 293-305.	4.5	47
146	Detectability of Hydrogen Mixing in Type Ia Supernova Premaximum Spectra. <i>Astrophysical Journal</i> , 2002, 580, 374-379.	4.5	14
147	Nova Model Atmospheres. <i>AIP Conference Proceedings</i> , 2002, , .	0.4	2
148	Radiative accelerations in stellar atmospheres. <i>Astronomy and Astrophysics</i> , 2002, 381, 197-208.	5.1	16
149	Modeling the Hubble Space Telescope Ultraviolet and Optical Spectrum of Spot 1 on the Circumstellar Ring of SN 1987A. <i>Astrophysical Journal</i> , 2002, 572, 906-931.	4.5	54
150	Atmospheric analysis of the M/L and M/T dwarf binary systems LHS 102 and Gliese 229. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 332, 78-90.	4.4	50
151	The exceptionally bright Type Ib supernova 1991D. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 91-96.	4.4	23
152	On the spectrum of the peculiar type Ia supernova 1997br and the nature of -like events. <i>New Astronomy</i> , 2002, 7, 441-448.	1.8	16
153	Cool Stellar Atmospheres. <i>Astrophysics and Space Science Library</i> , 2002, , 15-26.	2.7	1
154	Spectral Consequences of Deviation from Spherical Composition Symmetry in Type Ia Supernovae. <i>Astrophysical Journal</i> , 2002, 567, 1037-1042.	4.5	36
155	The Spectral Energy Distribution and Mass Loss Rate of the A-Type Supergiant Deneb. <i>Astrophysical Journal</i> , 2002, 570, 344-368.	4.5	36
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157	Parallel Implementation of the PHOENIX Generalized Stellar Atmosphere Program. III. A Parallel Algorithm for Direct Opacity Sampling. <i>Astrophysical Journal, Supplement Series</i> , 2001, 134, 323-329.	7.7	41
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