Marc H Pinsonneault

List of Publications by Year
in descending order

173 papers	22,285 citations	12330 69 h-index	8630 146 g-index
175 all docs	175 docs citations	175 times ranked	11252 citing authors

#	Article	IF	Citations
1	Age Spreads and Systematics in Î» Orionis with Gaia DR2 and the SPOTS Tracks. Astrophysical Journal, 2022, 924, 84.	4.5	12
2	TESS asteroseismology of the Kepler red giants. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1677-1686.	4.4	24
3	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1â€“C8 and C10â€“C18. Astrophysical Journal, 2022, 926, 191.	4.5	19
4	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	7.7	405
5	Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey. Astrophysical Journal, 2022, 927, 123.	4.5	12
6	Stellar multiplicity and stellar rotation: insights from APOGEE. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2051-2061.	4.4	9
7	The Origin of Weakened Magnetic Braking in Old Solar Analogs. Astrophysical Journal Letters, 2022, 933, L17.	8.3	21
8	Mass Matters: No Evidence for Ubiquitous Lithium Production in Low-mass Clump Giants. Astrophysical Journal, 2022, 933, 58.	4.5	8
9	An Intermediate-age Alpha-rich Galactic Population in K2. Astronomical Journal, 2021, 161, 100.	4.7	8
10	Testing the Limits of Precise Subgiant Characterization with APOGEE and Gaia: Opening a Window to Unprecedented Astrophysical Studies. Astrophysical Journal, 2021, 915, 19.	4.5	12
11	Prospects for Galactic and stellar astrophysics with asteroseismology of giant stars in the TESS continuous viewing zones and beyond. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1947-1966.	4.4	30
12	A â€œQuick Lookâ€•at All-sky Galactic Archeology with TESS: 158,000 Oscillating Red Giants from the MIT Quick-look Pipeline. Astrophysical Journal, 2021, 919, 131.	4.5	32
13	Stellar Rotation in the Gaia Era: Revised Open Clustersâ€™ Sequences. Astrophysical Journal, Supplement Series, 2021, 257, 46.	7.7	36
14	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. Astronomical Journal, 2021, 162, 302.	4.7	44
15	Chemical Evolution in the Milky Way: Rotation-based Ages for APOGEE-Kepler Cool Dwarf Stars. Astrophysical Journal, 2020, 888, 43.	4.5	29
16	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	7.7	826
17	On Lithium-6 as a Diagnostic of the Lithium-enrichment Mechanism in Red Giants. Astrophysical Journal Letters, 2020, 897, L20.	8.3	4
18	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. Astrophysical Journal Letters, 2020, 889, L34.	8.3	37

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19	APOGEE Data and Spectral Analysis from SDSS Data Release 16: Seven Years of Observations Including First Results from APOGEE-South. Astronomical Journal, 2020, 160, 120.	4.7	266
20	The SPOTS Models: A Grid of Theoretical Stellar Evolution Tracks and Isochrones for Testing the Effects of Starspots on Structure and Colors. Astrophysical Journal, 2020, 891, 29.	4.5	61
21	Rapid Rotation of Kepler Field Dwarfs and Subgiants: Spectroscopic v sin i from APOGEE. Astrophysical Journal, 2020, 898, 76.	4.5	9
22	The K2 Galactic Archaeology Program Data Release 2: Asteroseismic Results from Campaigns 4, 6, and 7. Astrophysical Journal, Supplement Series, 2020, 251, 23.	7.7	22
23	Confirmation of the Gaia DR2 Parallax Zero-point Offset Using Asteroseismology and Spectroscopy in the Kepler Field. Astrophysical Journal, 2019, 878, 136.	4.5	142
24	Dynamical heating across the Milky Way disc using APOGEE and Gaia. Monthly Notices of the Royal Astronomical Society, 2019, 489, 176-195.	4.4	121
25	Insights from the APOKASC determination of the evolutionary state of red-giant stars by consolidation of different methods. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4641-4657.	4.4	17
26	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. Astrophysical Journal, 2019, 885, 31.	4.5	28
27	Surface Rotation and Photometric Activity for Kepler Targets. I. M and K Main-sequence Stars. Astrophysical Journal, Supplement Series, 2019, 244, 21.	7.7	74
28	Rapid Rotation in the Kepler Field: Not a Single Star Phenomenon. Astrophysical Journal, 2019, 871, 174.	4.5	37
29	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	7.7	299
30	Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. II. Atomic Diffusion in M67 Stars. Astrophysical Journal, 2019, 874, 97.	4.5	55
31	Constraining Metallicity-dependent Mixing and Extra Mixing Using [C/N] in Alpha-rich Field Giants. Astrophysical Journal, 2019, 872, 137.	4.5	44
32	APOGEE [C/N] Abundances across the Galaxy: Migration and Infall from Red Giant Ages. Astrophysical Journal, 2019, 871, 181.	4.5	25
33	Forward Modeling of the Kepler Stellar Rotation Period Distribution: Interpreting Periods from Mixed and Biased Stellar Populations. Astrophysical Journal, 2019, 872, 128.	4.5	65
34	Testing the Radius Scaling Relation with Gaia DR2 in the Kepler Field. Astrophysical Journal, 2019, 885, 166.	4.5	48
35	LBT/PEPSI Spectropolarimetry of a Magnetic Morphology Shift in Old Solar-type Stars*. Astrophysical Journal Letters, 2019, 887, L38.	8.3	17
36	Comparison of the Asteroseismic Mass Scale of Red Clump Giants with Photometric Mass Estimates. Astrophysical Journal, 2019, 879, 81.	4.5	8

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37	Coreâ€“Envelope Coupling in Intermediate-mass Core-helium Burning Stars. Astrophysical Journal, 2019, 887, 203.	4.5	19
38	Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. I. Signatures of Diffusion in the Open Cluster M67. Astrophysical Journal, 2018, 857, 14.	4.5	52
39	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. Astrophysical Journal, 2018, 854, 147.	4.5	100
40	Testing Angular Momentum Transport and Wind Loss in Intermediate-mass Core-helium Burning Stars. Astrophysical Journal, 2018, 868, 150.	4.5	18
41	The Rotational Evolution of Young, Binary M Dwarfs. Astronomical Journal, 2018, 156, 275.	4.7	23
42	Rotation of Low-mass Stars in Upper Scorpius and Ï•Ophiuchus with K2. Astronomical Journal, 2018, 155, 196.	4.7	105
43	The Second APOKASC Catalog: The Empirical Approach. Astrophysical Journal, Supplement Series, 2018, 239, 32.	7.7	183
44	APOGEE Data Releases 13 and 14: Stellar Parameter and Abundance Comparisons with Independent Analyses. Astronomical Journal, 2018, 156, 126.	4.7	113
45	APOGEE Data Releases 13 and 14: Data and Analysis. Astronomical Journal, 2018, 156, 125.	4.7	220
46	12C/13C isotopic ratios in red-giant stars of the open cluster NGC 6791. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4810-4817.	4.4	16
47	The K2 M67 Study: A Curiously Young Star in an Eclipsing Binary in an Old Open Cluster*. Astronomical Journal, 2018, 155, 152.	4.7	8
48	KELT-19Ab: A PÂâˆ¼Â4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. Astronomical Journal, 2018, 155, 35.	4.7	61
49	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. Astrophysical Journal, Supplement Series, 2018, 235, 42.	7.7	796
50	Orbiting Clouds of Material at the Keplerian Co-rotation Radius of Rapidly Rotating Low-mass WTTs in Upper Sco. Astronomical Journal, 2017, 153, 152.	4.7	59
51	The Correlation between Mixing Length and Metallicity on the Giant Branch: Implications for Ages in the Gaia Era. Astrophysical Journal, 2017, 840, 17.	4.5	80
52	The ageâ€“metallicity structure of the Milky Way disc using APOGEE. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3057-3078.	4.4	123
53	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. Astrophysical Journal, 2017, 844, 102.	4.5	185
54	Evidence for Spatially Correlated Gaia Parallax Errors in the Kepler Field. Astrophysical Journal, 2017, 844, 166.	4.5	15

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55	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. Astrophysical Journal, Supplement Series, 2017, 233, 25.	7.7	406
56	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
57	Chemical tagging with APOGEE: discovery of a large population of N-rich stars in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 465, 501-524.	4.4	150
58	Rotation of Late-type Stars in Praesepe with K2. Astrophysical Journal, 2017, 839, 92.	4.5	77
59	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	4.7	1,065
60	M Dwarf Rotation from the K2 Young Clusters to the Field. I. A Massâ€“Rotation Correlation at 10 Myr. Astrophysical Journal, 2017, 850, 134.	4.5	26
61	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. Astrophysical Journal, Supplement Series, 2017, 233, 23.	7.7	121
62	LITHIUM DEPLETION IS A STRONG TEST OF CORE-ENVELOPE RECOUPLING. Astrophysical Journal, 2016, 829, 32.	4.5	37
63	BORON ABUNDANCES ACROSS THE â€œLiâ€“Be DIPâ€•IN THE HYADES CLUSTER. Astrophysical Journal, 2016, 830, 49.	4.5	31
64	ASPCAP: THE APOGEE STELLAR PARAMETER AND CHEMICAL ABUNDANCES PIPELINE. Astronomical Journal, 2016, 151, 144.	4.7	497
65	Red giant masses and ages derived from carbon and nitrogen abundances. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3655-3670.	4.4	183
66	ROTATION IN THE PLEIADES WITH K2. I. DATA AND FIRST RESULTS. Astronomical Journal, 2016, 152, 113.	4.7	173
67	ROTATION IN THE PLEIADES WITH K2. II. MULTIPERIOD STARS. Astronomical Journal, 2016, 152, 114.	4.7	67
68	ROTATION IN THE PLEIADES WITH K2. III. SPECULATIONS ON ORIGINS AND EVOLUTION. Astronomical Journal, 2016, 152, 115.	4.7	68
69	CHEMICAL ABUNDANCES IN A SAMPLE OF RED GIANTS IN THE OPEN CLUSTER NGC 2420 FROM APOGEE. Astrophysical Journal, 2016, 830, 35.	4.5	27
70	ON LITHIUM-RICH RED GIANTS. I. ENGULFMENT OF SUBSTELLAR COMPANIONS. Astrophysical Journal, 2016, 829, 127.	4.5	79
71	ON LITHIUM-RICH RED GIANTS: ENGULFMENT ON THE GIANT BRANCH OF TRUMPLER 20. Astrophysical Journal Letters, 2016, 833, L24.	8.3	24
72	SPECTROSCOPIC DETERMINATION OF MASSES (AND IMPLIED AGES) FOR RED GIANTS. Astrophysical Journal, 2016, 823, 114.	4.5	168

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73	Weakened magnetic braking as the origin of anomalously rapid rotation in old field stars. Nature, 2016, 529, 181-184.	27.8	285
74	EVIDENCE FOR CLUSTER TO CLUSTER VARIATIONS IN LOW-MASS STELLAR ROTATIONAL EVOLUTION. Astrophysical Journal, 2016, 833, 122.	4.5	18
75	The Impact of Starspots on Mass and Age Estimates for Pre-main Sequence Stars. Proceedings of the International Astronomical Union, 2015, 10, 91-94.	0.0	1
76	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. Astronomical Journal, 2015, 150, 148.	4.7	344
77	THE DISTANCES TO OPEN CLUSTERS FROM MAIN-SEQUENCE FITTING. V. EXTENSION OF COLOR CALIBRATION AND TEST USING COOL AND METAL-RICH STARS IN NGC 6791. Astrophysical Journal, 2015, 811, 46.	4.5	16
78	Stellar Rotation in Kepler: Forward Modeling of the Kepler Period Distribution. EPJ Web of Conferences, 2015, 101, 05006.	0.3	0
79	OSCILLATING RED GIANTS OBSERVED DURING CAMPAIGN 1 OF THE KEPLER K2 MISSION: NEW PROSPECTS FOR GALACTIC ARCHAEOLOGY. Astrophysical Journal Letters, 2015, 809, L3.	8.3	84
80	Young Î±-enriched giant stars in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2230-2243.	4.4	133
81	SODIUM AND OXYGEN ABUNDANCES IN THE OPEN CLUSTER NGC 6791 FROM APOGEE H-BAND SPECTROSCOPY. Astrophysical Journal Letters, 2015, 798, L41.	8.3	62
82	Rotation, inflation, and lithium in the Pleiades. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4131-4146.	4.4	58
83	OLDER AND COLDER: THE IMPACT OF STARSPOTS ON PRE-MAIN-SEQUENCE STELLAR EVOLUTION. Astrophysical Journal, 2015, 807, 174.	4.5	92
84	RAPID ROTATION OF LOW-MASS RED GIANTS USING APOKASC: A MEASURE OF INTERACTION RATES ON THE POST-MAIN-SEQUENCE. Astrophysical Journal, 2015, 807, 82.	4.5	53
85	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	7.7	1,877
86	THE APOGEE SPECTROSCOPIC SURVEY OFKEPLERPLANET HOSTS: FEASIBILITY, EFFICIENCY, AND FIRST RESULTS. Astronomical Journal, 2015, 149, 143.	4.7	40
87	Preliminary Evaluation of the Kepler Input Catalog Extinction Model Using Stellar Temperatures. Thirty Years of Astronomical Discovery With UKIRT, 2015, , 83-91.	0.3	22
88	THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE KEPLER FIELDS. Astrophysical Journal, Supplement Series, 2014, 215, 19.	7.7	268
89	Bayesian distances and extinctions for giants observed by Kepler and APOGEE. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2758-2776.	4.4	148
90	REVISED STELLAR PROPERTIES OF KEPLER TARGETS FOR THE QUARTER 1-16 TRANSIT DETECTION RUN. Astrophysical Journal, Supplement Series, 2014, 211, 2.	7.7	418

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91	TESTING THE ASTEROSEISMIC MASS SCALE USING METAL-POOR STARS CHARACTERIZED WITH APOGEE ANDKEPLER. Astrophysical Journal Letters, 2014, 785, L28.	8.3	84
92	HOW GOOD A CLOCK IS ROTATION? THE STELLAR ROTATION-MASS-AGE RELATIONSHIP FOR OLD FIELD STARS. Astrophysical Journal, 2014, 780, 159.	4.5	120
93	THE CHEMICAL COMPOSITION OF THE SUN FROM HELIOSEISMIC AND SOLAR NEUTRINO DATA. Astrophysical Journal, 2014, 787, 13.	4.5	79
94	A TALE OF TWO ANOMALIES: DEPLETION, DISPERSION, AND THE CONNECTION BETWEEN THE STELLAR LITHIUM SPREAD AND INFLATED RADII ON THE PRE-MAIN SEQUENCE. Astrophysical Journal, 2014, 790, 72.	4.5	58
95	THE APOGEE RED-CLUMP CATALOG: PRECISE DISTANCES, VELOCITIES, AND HIGH-RESOLUTION ELEMENTAL ABUNDANCES OVER A LARGE AREA OF THE MILKY WAY'S DISK. Astrophysical Journal, 2014, 790, 127.	4.5	181
96	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	7.7	820
97	FAST STAR, SLOW STAR; OLD STAR, YOUNG STAR: SUBGIANT ROTATION AS A POPULATION AND STELLAR PHYSICS DIAGNOSTIC. Astrophysical Journal, 2013, 776, 67.	4.5	149
98	TARGET SELECTION FOR THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT (APOGEE). Astronomical Journal, 2013, 146, 81.	4.7	312
99	CALIBRATIONS OF ATMOSPHERIC PARAMETERS OBTAINED FROM THE FIRST YEAR OF SDSS-III APOGEE OBSERVATIONS. Astronomical Journal, 2013, 146, 133.	4.7	119
100	RED GIANT BRANCH BUMP BRIGHTNESS AND NUMBER COUNTS IN 72 GALACTIC GLOBULAR CLUSTERS OBSERVED WITH THEHUBBLE SPACE TELESCOPE. Astrophysical Journal, 2013, 766, 77.	4.5	71
101	IMPLICATIONS OF RAPID CORE ROTATION IN RED GIANTS FOR INTERNAL ANGULAR MOMENTUM TRANSPORT IN STARS. Astrophysical Journal Letters, 2013, 775, L1.	8.3	43
102	THE STELLAR METALLICITY DISTRIBUTION FUNCTION OF THE GALACTIC HALO FROM SDSS PHOTOMETRY. Astrophysical Journal, 2013, 763, 65.	4.5	113
103	A REVISED EFFECTIVE TEMPERATURE SCALE FOR THE KEPLER INPUT CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 30.	7.7	269
104	THE SENSITIVITY OF CONVECTION ZONE DEPTH TO STELLAR ABUNDANCES: AN ABSOLUTE STELLAR ABUNDANCE SCALE FROM ASTEROSEISMOLOGY. Astrophysical Journal, 2012, 746, 16.	4.5	55
105	MAGNETIC BRAKING FORMULATION FOR SUN-LIKE STARS: DEPENDENCE ON DIPOLE FIELD STRENGTH AND ROTATION RATE. Astrophysical Journal Letters, 2012, 754, L26.	8.3	175
106	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	7.7	1,158
107	An³He-DRIVEN INSTABILITY NEAR THE FULLY CONVECTIVE BOUNDARY. Astrophysical Journal, 2012, 751, 98.	4.5	30
108	Asteroseismology of old open clusters with Kepler: direct estimate of the integrated red giant branch mass-loss in NGC 6791 and 6819. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2077-2088.	4.4	268

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109	A BOUND ON THE LIGHT EMITTED DURING THE THERMALLY PULSING ASYMPTOTIC GIANT BRANCH PHASE. Astrophysical Journal, 2011, 733, 81.	4.5	6
110	ANGULAR MOMENTUM TRANSPORT IN SOLAR-TYPE STARS: TESTING THE TIMESCALE FOR CORE-ENVELOPE COUPLING. Astrophysical Journal, 2010, 716, 1269-1287.	4.5	123
111	Li I AND K I SCATTER IN COOL PLEIADES DWARFS. Astrophysical Journal, 2010, 710, 1610-1618.	4.5	25
112	Fe<scp>I</scp>and Fe<scp>II</scp>Abundances of Solar-Type Dwarfs in the Pleiades Open Cluster1. Publications of the Astronomical Society of the Pacific, 2010, 122, 766-777.	3.1	28
113	MAGNETO-THERMOHALINE MIXING IN RED GIANTS. Astrophysical Journal, 2009, 696, 1823-1833.	4.5	71
114	GALACTIC GLOBULAR AND OPEN CLUSTERS IN THE SLOAN DIGITAL SKY SURVEY. II. TEST OF THEORETICAL STELLAR ISOCHRONES. Astrophysical Journal, 2009, 700, 523-544.	4.5	83
115	A PHOTOMETRIC METALLICITY ESTIMATE OF THE VIRGO STELLAR OVERDENSITY. Astrophysical Journal, 2009, 707, L64-L68.	4.5	32
116	A fossil record for exoplanets. Nature, 2009, 462, 168-169.	27.8	2
117	Metallicity Mapping with gri Photometry: The Virgo Overdensity and the Halos of the Galaxy. Proceedings of the International Astronomical Union, 2009, 5, 127-130.	0.0	0
118	What Prevents Internal Gravity Waves from Disturbing the Solar Uniform Rotation?. Astrophysical Journal, 2008, 684, 757-769.	4.5	27
119	The Impact of Carbon Enhancement on Extra Mixing in Metalâ€poor Stars. Astrophysical Journal, 2008, 679, 1541-1548.	4.5	29
120	³Heâ€driven Mixing in Lowâ€Mass Red Giants: Convective Instability in Radiative and Adiabatic Limits. Astrophysical Journal, 2008, 684, 626-634.	4.5	35
121	The Distances to Open Clusters from Mainâ€Sequence Fitting. IV. Galactic Cepheids, the LMC, and the Local Distance Scale. Astrophysical Journal, 2007, 671, 1640-1668.	4.5	72
122	A Revised Prescription for the Taylerâ€Spruit Dynamo: Magnetic Angular Momentum Transport in Stars. Astrophysical Journal, 2007, 655, 1157-1165.	4.5	52
123	The Distances to Open Clusters from Mainâ€Sequence Fitting. III. Improved Accuracy with Empirically Calibrated Isochrones. Astrophysical Journal, 2007, 655, 233-260.	4.5	138
124	The Future Is Now: The Formation of Single Lowâ€Mass White Dwarfs in the Solar Neighborhood. Astrophysical Journal, 2007, 671, 761-766.	4.5	78
125	The Solar Heavyâ€Element Abundances. I. Constraints from Stellar Interiors. Astrophysical Journal, 2006, 649, 529-540.	4.5	121
126	Oxygen from the Î»7774 Highâ€Excitation Triplet in Open Cluster Dwarfs: Hyades. Astrophysical Journal, 2006, 636, 432-444.	4.5	40

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127	Fluorine Abundance Variations as a Signature of Enhanced Extra Mixing in Red Giants of the Globular Cluster M4. Astrophysical Journal, 2006, 651, 438-443.	4.5	10
128	Helioseismological Implications of Recent Solar Abundance Determinations. Astrophysical Journal, 2005, 618, 1049-1056.	4.5	263
129	Comparison of Radiative Accelerations Obtained with Atomic Data from OP and OPAL. Astrophysical Journal, 2005, 625, 563-574.	4.5	17
130	Abundance Anomalies and Rotational Evolution of Lowâ€Mass Red Giants: A Maximal Mixing Approach. Astrophysical Journal, 2005, 631, 540-571.	4.5	61
131	Rotating Models of Low Mass Giants: Rotational Evolution and Surface Abundance Anomalies. Symposium - International Astronomical Union, 2004, 215, 438-439.	0.1	1
132	How Accurately Can We Calculate the Depth of the Solar Convective Zone?. Astrophysical Journal, 2004, 614, 464-471.	4.5	70
133	What Do We (Not) Know Theoretically about Solar Neutrino Fluxes?. Physical Review Letters, 2004, 92, 121301.	7.8	296
134	Oxygen in Open Cluster Dwarfs: Pleiades and M34. Astrophysical Journal, 2004, 602, L117-L120.	4.5	37
135	The Distances to Open Clusters as Derived from Mainâ€Sequence Fitting. II. Construction of Empirically Calibrated Isochrones. Astrophysical Journal, 2004, 600, 946-959.	4.5	62
136	Survey for Transiting Extrasolar Planets in Stellar Systems. I. Fundamental Parameters of the Open Cluster NGC 1245. Astronomical Journal, 2004, 127, 2382-2397.	4.7	46
137	Theoretical Examination of the Lithium Depletion Boundary. Astrophysical Journal, 2004, 604, 272-283.	4.5	67
138	Why Are the K Dwarfs in the Pleiades So Blue?. Astronomical Journal, 2003, 126, 833-847.	4.7	94
139	The Distances to Open Clusters from Mainâ€Sequence Fitting. I. New Models and a Comparison with the Properties of the Hyades Eclipsing Binary VB 22. Astrophysical Journal, 2003, 598, 588-596.	4.5	29
140	Cataclysmic Variables: An Empirical Angular Momentum Loss Prescription from Open Cluster Data. Astrophysical Journal, 2003, 582, 358-368.	4.5	108
141	Rotation and Activity in the Solarâ€Metallicity Open Cluster NGC 2516. Astrophysical Journal, 2002, 576, 950-962.	4.5	58
142	Stellar Mixing and the Primordial Lithium Abundance. Astrophysical Journal, 2002, 574, 398-411.	4.5	94
143	Angular Momentum Evolution of Stars in the Orion Nebula Cluster. Astrophysical Journal, 2002, 564, 877-886.	4.5	35
144	Disk Locking and the Presence of Slow Rotators among Solarâ€Type Stars in Young Star Clusters. Astrophysical Journal, 2001, 548, 1071-1080.	4.5	59

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145	Rotational Velocities of Low-Mass Stars in the Pleiades and Hyades. Astronomical Journal, 2000, 119, 1303-1316.	4.7	88
146	How Much Do Helioseismological Inferences Depend on the Assumed Reference Model?. Astrophysical Journal, 2000, 529, 1084-1100.	4.5	130
147	Sinks of Light Elements in Stars - Part III. Symposium - International Astronomical Union, 2000, 198, 87-97.	0.1	14
148	Sinks of Light Elements in Stars - Part I. Symposium - International Astronomical Union, 2000, 198, 61-73.	0.1	16
149	Sinks of Light Elements in Stars - Part II. Symposium - International Astronomical Union, 2000, 198, 74-86.	0.1	3
150	The Lithium-Rotation Correlation in the Pleiades Revisited. Astronomical Journal, 2000, 119, 859-872.	4.7	60
151	The Angular Momentum Evolution of Very Low Mass Stars. Astrophysical Journal, 2000, 534, 335-347.	4.5	159
152	Rotation of Horizontalâ€Branch Stars in Globular Clusters. Astrophysical Journal, 2000, 540, 489-503.	4.5	75
153	A Search for Photometric Rotation Periods in Low-Mass Stars and Brown Dwarfs in the Pleiades. Astronomical Journal, 1999, 118, 1814-1818.	4.7	70
154	Halo Star Lithium Depletion. Astrophysical Journal, 1999, 527, 180-198.	4.5	116
155	Constraining the Cosmic Abundance of Stellar Remnants with Multi-T[CLC]e[/CLC]V Gamma Rays. Astrophysical Journal, 1999, 523, L77-L80.	4.5	16
156	Boron Abundances and Internal Mixing in Stars. I. The Hyades Giants. Astrophysical Journal, 1998, 499, 871-882.	4.5	28
157	The Problem ofHipparcosDistances To Open Clusters. II. Constraints From Nearby Field Stars. Astrophysical Journal, 1998, 504, 192-199.	4.5	39
158	The Problem ofHipparcosDistances to Open Clusters. I. Constraints from Multicolor Mainâ€Sequence Fitting. Astrophysical Journal, 1998, 504, 170-191.	4.5	189
159	110 Herculis: A Possible Prototype for Simultaneous Lithium and Beryllium Depletion, and Implications for Stellar Interiors. Astrophysical Journal, 1997, 488, 836-840.	4.5	62
160	Theoretical Models of the Angular Momentum Evolution of Solarâ€Type Stars. Astrophysical Journal, 1997, 480, 303-323.	4.5	192
161	Rotational Velocities and Chromospheric Activity of M Dwarfs in the Hyades. Astrophysical Journal, 1997, 475, 604-622.	4.5	59
162	The Ages of the Disk Clusters NGC 188, M67, and NGC 752, Using Improved Opacities and Cluster Membership Data. Astronomical Journal, 1995, 109, 2090.	4.7	64

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163	On the luminosity function, lifetimes, and origin of blue stragglers in globular clusters. Astrophysical Journal, 1995, 439, 705.	4.5	65
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