Marc H Pinsonneault

List of Publications by Year
in descending order

173 papers	22,285 citations	12303 69 h-index	8599 146 g-index
175 all docs	175 docs citations	175 times ranked	11252 citing authors

#	Article	IF	Citations
1	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	3.0	1,877
2	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.	3.0	1,158
3	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	1.9	1,100
4	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	1.9	1,065
5	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.	3.0	826
6	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.	3.0	820
7	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.	3.0	796
8	ASPCAP: THE APOGEE STELLAR PARAMETER AND CHEMICAL ABUNDANCES PIPELINE. Astronomical Journal, 2016, 151, 144.	1.9	497
9	Evolutionary models of the rotating sun. Astrophysical Journal, 1989, 338, 424.	1.6	477
10	REVISED STELLAR PROPERTIES OF KEPLER TARGETS FOR THE QUARTER 1-16 TRANSIT DETECTION RUN. Astrophysical Journal, Supplement Series, 2014, 211, 2.	3.0	418
11	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.	3.0	406
12	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.	3.0	405
13	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. Astronomical Journal, 2015, 150, 148.	1.9	344
14	TARGET SELECTION FOR THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT (APOGEE). Astronomical Journal, 2013, 146, 81.	1.9	312
15	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.	3.0	299
16	What Do We (Not) Know Theoretically about Solar Neutrino Fluxes?. Physical Review Letters, 2004, 92, 121301.	2.9	296
17	Weakened magnetic braking as the origin of anomalously rapid rotation in old field stars. Nature, 2016, 529, 181-184.	13.7	285
18	Standard solar model. Astrophysical Journal, 1992, 387, 372.	1.6	270

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19	A REVISED EFFECTIVE TEMPERATURE SCALE FOR THE KEPLER INPUT CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 30.	3.0	269
20	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.	1.6	268
21	THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE KEPLER FIELDS. Astrophysical Journal, Supplement Series, 2014, 215, 19.	3.0	268
22	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.	1.9	266
23	Helioseismological Implications of Recent Solar Abundance Determinations. Astrophysical Journal, 2005, 618, 1049-1056.	1.6	263
24	APOGEE Data Releases 13 and 14: Data and Analysis. Astronomical Journal, 2018, 156, 125.	1.9	220
25	Theoretical Models of the Angular Momentum Evolution of Solarâ€Type Stars. Astrophysical Journal, 1997, 480, 303-323.	1.6	192
26	The Problem ofHipparcosDistances to Open Clusters. I. Constraints from Multicolor Mainâ€Sequence Fitting. Astrophysical Journal, 1998, 504, 170-191.	1.6	189
27	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. Astrophysical Journal, 2017, 844, 102.	1.6	185
28	Red giant masses and ages derived from carbon and nitrogen abundances. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3655-3670.	1.6	183
29	The Second APOKASC Catalog: The Empirical Approach. Astrophysical Journal, Supplement Series, 2018, 239, 32.	3.0	183
30	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.	1.6	181
31	MAGNETIC BRAKING FORMULATION FOR SUN-LIKE STARS: DEPENDENCE ON DIPOLE FIELD STRENGTH AND ROTATION RATE. Astrophysical Journal Letters, 2012, 754, L26.	3.0	175
32	ROTATION IN THE PLEIADES WITH K2. I. DATA AND FIRST RESULTS. Astronomical Journal, 2016, 152, 113.	1.9	173
33	SPECTROSCOPIC DETERMINATION OF MASSES (AND IMPLIED AGES) FOR RED GIANTS. Astrophysical Journal, 2016, 823, 114.	1.6	168
34	The Angular Momentum Evolution of Very Low Mass Stars. Astrophysical Journal, 2000, 534, 335-347.	1.6	159
35	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.	1.6	150
36	FAST STAR, SLOW STAR; OLD STAR, YOUNG STAR: SUBGIANT ROTATION AS A POPULATION AND STELLAR PHYSICS DIAGNOSTIC. Astrophysical Journal, 2013, 776, 67.	1.6	149

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37	Bayesian distances and extinctions for giants observed by Kepler and APOGEE. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2758-2776.	1.6	148
38	Confirmation of the Gaia DR2 Parallax Zero-point Offset Using Asteroseismology and Spectroscopy in the Kepler Field. Astrophysical Journal, 2019, 878, 136.	1.6	142
39	Lithium in the Hyades. I - New observations. Astrophysical Journal, 1993, 415, 150.	1.6	141
40	The Distances to Open Clusters from Mainâ€Sequence Fitting. III. Improved Accuracy with Empirically Calibrated Isochrones. Astrophysical Journal, 2007, 655, 233-260.	1.6	138
41	Young Î±-enriched giant stars in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2230-2243.	1.6	133
42	How Much Do Helioseismological Inferences Depend on the Assumed Reference Model?. Astrophysical Journal, 2000, 529, 1084-1100.	1.6	130
43	ANGULAR MOMENTUM TRANSPORT IN SOLAR-TYPE STARS: TESTING THE TIMESCALE FOR CORE-ENVELOPE COUPLING. Astrophysical Journal, 2010, 716, 1269-1287.	1.6	123
44	The ageâ€“metallicity structure of the Milky Way disc using APOGEE. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3057-3078.	1.6	123
45	The Solar Heavyâ€Element Abundances. I. Constraints from Stellar Interiors. Astrophysical Journal, 2006, 649, 529-540.	1.6	121
46	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. Astrophysical Journal, Supplement Series, 2017, 233, 23.	3.0	121
47	Dynamical heating across the Milky Way disc using APOGEE and Gaia. Monthly Notices of the Royal Astronomical Society, 2019, 489, 176-195.	1.6	121
48	HOW GOOD A CLOCK IS ROTATION? THE STELLAR ROTATION-MASS-AGE RELATIONSHIP FOR OLD FIELD STARS. Astrophysical Journal, 2014, 780, 159.	1.6	120
49	CALIBRATIONS OF ATMOSPHERIC PARAMETERS OBTAINED FROM THE FIRST YEAR OF SDSS-III APOGEE OBSERVATIONS. Astronomical Journal, 2013, 146, 133.	1.9	119
50	Halo Star Lithium Depletion. Astrophysical Journal, 1999, 527, 180-198.	1.6	116
51	THE STELLAR METALLICITY DISTRIBUTION FUNCTION OF THE GALACTIC HALO FROM SDSS PHOTOMETRY. Astrophysical Journal, 2013, 763, 65.	1.6	113
52	APOGEE Data Releases 13 and 14: Stellar Parameter and Abundance Comparisons with Independent Analyses. Astronomical Journal, 2018, 156, 126.	1.9	113
53	Cataclysmic Variables: An Empirical Angular Momentum Loss Prescription from Open Cluster Data. Astrophysical Journal, 2003, 582, 358-368.	1.6	108
54	Rotation of Low-mass Stars in Upper Scorpius and Ï•Ophiuchus with K2. Astronomical Journal, 2018, 155, 196.	1.9	105

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55	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. Astrophysical Journal, 2018, 854, 147.	1.6	100
56	Stellar Mixing and the Primordial Lithium Abundance. Astrophysical Journal, 2002, 574, 398-411.	1.6	94
57	Why Are the K Dwarfs in the Pleiades So Blue?. Astronomical Journal, 2003, 126, 833-847.	1.9	94
58	OLDER AND COLDER: THE IMPACT OF STARSPOTS ON PRE-MAIN-SEQUENCE STELLAR EVOLUTION. Astrophysical Journal, 2015, 807, 174.	1.6	92
59	Rotational Velocities of Low-Mass Stars in the Pleiades and Hyades. Astronomical Journal, 2000, 119, 1303-1316.	1.9	88
60	TESTING THE ASTEROSEISMIC MASS SCALE USING METAL-POOR STARS CHARACTERIZED WITH APOGEE ANDKEPLER. Astrophysical Journal Letters, 2014, 785, L28.	3.0	84
61	OSCILLATING RED GIANTS OBSERVED DURING CAMPAIGN 1 OF THE KEPLER K2 MISSION: NEW PROSPECTS FOR GALACTIC ARCHAEOLOGY. Astrophysical Journal Letters, 2015, 809, L3.	3.0	84
62	GALACTIC GLOBULAR AND OPEN CLUSTERS IN THE SLOAN DIGITAL SKY SURVEY. II. TEST OF THEORETICAL STELLAR ISOCHRONES. Astrophysical Journal, 2009, 700, 523-544.	1.6	83
63	The Correlation between Mixing Length and Metallicity on the Giant Branch: Implications for Ages in the Gaia Era. Astrophysical Journal, 2017, 840, 17.	1.6	80
64	THE CHEMICAL COMPOSITION OF THE SUN FROM HELIOSEISMIC AND SOLAR NEUTRINO DATA. Astrophysical Journal, 2014, 787, 13.	1.6	79
65	ON LITHIUM-RICH RED GIANTS. I. ENGULFMENT OF SUBSTELLAR COMPANIONS. Astrophysical Journal, 2016, 829, 127.	1.6	79
66	The Future Is Now: The Formation of Single Lowâ€Mass White Dwarfs in the Solar Neighborhood. Astrophysical Journal, 2007, 671, 761-766.	1.6	78
67	Rotation of Late-type Stars in Praesepe with K2. Astrophysical Journal, 2017, 839, 92.	1.6	77
68	Rotation of Horizontalâ€Branch Stars in Globular Clusters. Astrophysical Journal, 2000, 540, 489-503.	1.6	75
69	Surface Rotation and Photometric Activity for Kepler Targets. I. M and K Main-sequence Stars. Astrophysical Journal, Supplement Series, 2019, 244, 21.	3.0	74
70	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.	1.6	72
71	MAGNETO-THERMOHALINE MIXING IN RED GIANTS. Astrophysical Journal, 2009, 696, 1823-1833.	1.6	71
72	RED GIANT BRANCH BUMP BRIGHTNESS AND NUMBER COUNTS IN 72 GALACTIC GLOBULAR CLUSTERS OBSERVED WITH THEHUBBLE SPACE TELESCOPE. Astrophysical Journal, 2013, 766, 77.	1.6	71

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73	How Accurately Can We Calculate the Depth of the Solar Convective Zone?. Astrophysical Journal, 2004, 614, 464-471.	1.6	70
74	A Search for Photometric Rotation Periods in Low-Mass Stars and Brown Dwarfs in the Pleiades. Astronomical Journal, 1999, 118, 1814-1818.	1.9	70
75	ROTATION IN THE PLEIADES WITH K2. III. SPECULATIONS ON ORIGINS AND EVOLUTION. Astronomical Journal, 2016, 152, 115.	1.9	68
76	Theoretical Examination of the Lithium Depletion Boundary. Astrophysical Journal, 2004, 604, 272-283.	1.6	67
77	ROTATION IN THE PLEIADES WITH K2. II. MULTIPERIOD STARS. Astronomical Journal, 2016, 152, 114.	1.9	67
78	Forward Modeling of the Kepler Stellar Rotation Period Distribution: Interpreting Periods from Mixed and Biased Stellar Populations. Astrophysical Journal, 2019, 872, 128.	1.6	65
79	On the luminosity function, lifetimes, and origin of blue stragglers in globular clusters. Astrophysical Journal, 1995, 439, 705.	1.6	65
80	The Ages of the Disk Clusters NGC 188, M67, and NGC 752, Using Improved Opacities and Cluster Membership Data. Astronomical Journal, 1995, 109, 2090.	1.9	64
81	110 Herculis: A Possible Prototype for Simultaneous Lithium and Beryllium Depletion, and Implications for Stellar Interiors. Astrophysical Journal, 1997, 488, 836-840.	1.6	62
82	The Distances to Open Clusters as Derived from Mainâ€Sequence Fitting. II. Construction of Empirically Calibrated Isochrones. Astrophysical Journal, 2004, 600, 946-959.	1.6	62
83	SODIUM AND OXYGEN ABUNDANCES IN THE OPEN CLUSTER NGC 6791 FROM APOGEE H-BAND SPECTROSCOPY. Astrophysical Journal Letters, 2015, 798, L41.	3.0	62
84	KELT-19Ab: A PÂâˆ¼Â4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. Astronomical Journal, 2018, 155, 35.	1.9	61
85	Abundance Anomalies and Rotational Evolution of Lowâ€Mass Red Giants: A Maximal Mixing Approach. Astrophysical Journal, 2005, 631, 540-571.	1.6	61
86	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.	1.6	61
87	The Lithium-Rotation Correlation in the Pleiades Revisited. Astronomical Journal, 2000, 119, 859-872.	1.9	60
88	Disk Locking and the Presence of Slow Rotators among Solarâ€Type Stars in Young Star Clusters. Astrophysical Journal, 2001, 548, 1071-1080.	1.6	59
89	Orbiting Clouds of Material at the Keplerian Co-rotation Radius of Rapidly Rotating Low-mass WTTs in Upper Sco. Astronomical Journal, 2017, 153, 152.	1.9	59
90	Rotational Velocities and Chromospheric Activity of M Dwarfs in the Hyades. Astrophysical Journal, 1997, 475, 604-622.	1.6	59

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91	Rotation and Activity in the Solarâ€Metallicity Open Cluster NGC 2516. Astrophysical Journal, 2002, 576, 950-962.	1.6	58
92	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.	1.6	58
93	Rotation, inflation, and lithium in the Pleiades. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4131-4146.	1.6	58
94	Evolutionary models of halo stars with rotation. I - Evidence for differential rotation with depth in stars. Astrophysical Journal, 1991, 367, 239.	1.6	57
95	THE SENSITIVITY OF CONVECTION ZONE DEPTH TO STELLAR ABUNDANCES: AN ABSOLUTE STELLAR ABUNDANCE SCALE FROM ASTEROSEISMOLOGY. Astrophysical Journal, 2012, 746, 16.	1.6	55
96	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.	1.6	55
97	RAPID ROTATION OF LOW-MASS RED GIANTS USING APOKASC: A MEASURE OF INTERACTION RATES ON THE POST-MAIN-SEQUENCE. Astrophysical Journal, 2015, 807, 82.	1.6	53
98	A Revised Prescription for the Taylerâ€Spruit Dynamo: Magnetic Angular Momentum Transport in Stars. Astrophysical Journal, 2007, 655, 1157-1165.	1.6	52
99	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.	1.6	52
100	Testing the Radius Scaling Relation with Gaia DR2 in the Kepler Field. Astrophysical Journal, 2019, 885, 166.	1.6	48
101	Survey for Transiting Extrasolar Planets in Stellar Systems. I. Fundamental Parameters of the Open Cluster NGC 1245. Astronomical Journal, 2004, 127, 2382-2397.	1.9	46
102	The evolution of high-metallicity horizontal-branch stars and the origin of the ultraviolet light in elliptical galaxies. Astrophysical Journal, 1992, 388, L53.	1.6	46
103	Constraining Metallicity-dependent Mixing and Extra Mixing Using [C/N] in Alpha-rich Field Giants. Astrophysical Journal, 2019, 872, 137.	1.6	44
104	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. Astronomical Journal, 2021, 162, 302.	1.9	44
105	IMPLICATIONS OF RAPID CORE ROTATION IN RED GIANTS FOR INTERNAL ANGULAR MOMENTUM TRANSPORT IN STARS. Astrophysical Journal Letters, 2013, 775, L1.	3.0	43
106	Oxygen from the Î»7774 Highâ€Excitation Triplet in Open Cluster Dwarfs: Hyades. Astrophysical Journal, 2006, 636, 432-444.	1.6	40
107	THE APOGEE SPECTROSCOPIC SURVEY OFKEPLERPLANET HOSTS: FEASIBILITY, EFFICIENCY, AND FIRST RESULTS. Astronomical Journal, 2015, 149, 143.	1.9	40
108	The Problem ofHipparcosDistances To Open Clusters. II. Constraints From Nearby Field Stars. Astrophysical Journal, 1998, 504, 192-199.	1.6	39

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109	Oxygen in Open Cluster Dwarfs: Pleiades and M34. Astrophysical Journal, 2004, 602, L117-L120.	1.6	37
110	LITHIUM DEPLETION IS A STRONG TEST OF CORE-ENVELOPE RECOUPLING. Astrophysical Journal, 2016, 829, 32.	1.6	37
111	Rapid Rotation in the Kepler Field: Not a Single Star Phenomenon. Astrophysical Journal, 2019, 871, 174.	1.6	37
112	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. Astrophysical Journal Letters, 2020, 889, L34.	3.0	37
113	Stellar Rotation in the Gaia Era: Revised Open Clustersâ€™ Sequences. Astrophysical Journal, Supplement Series, 2021, 257, 46.	3.0	36
114	³Heâ€driven Mixing in Lowâ€Mass Red Giants: Convective Instability in Radiative and Adiabatic Limits. Astrophysical Journal, 2008, 684, 626-634.	1.6	35
115	Angular Momentum Evolution of Stars in the Orion Nebula Cluster. Astrophysical Journal, 2002, 564, 877-886.	1.6	35
116	A PHOTOMETRIC METALLICITY ESTIMATE OF THE VIRGO STELLAR OVERDENSITY. Astrophysical Journal, 2009, 707, L64-L68.	1.6	32
117	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.	1.6	32
118	BORON ABUNDANCES ACROSS THE â€œLiâ€“Be DIPâ€•IN THE HYADES CLUSTER. Astrophysical Journal, 2016, 830, 49.	1.6	31
119	An³He-DRIVEN INSTABILITY NEAR THE FULLY CONVECTIVE BOUNDARY. Astrophysical Journal, 2012, 751, 98.	1.6	30
120	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.	1.6	30
121	Evolutionary models and the p-mode oscillation spectrum of Alpha Centauri A and B. Astrophysical Journal, 1992, 394, 313.	1.6	30
122	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.	1.6	29
123	The Impact of Carbon Enhancement on Extra Mixing in Metalâ€poor Stars. Astrophysical Journal, 2008, 679, 1541-1548.	1.6	29
124	Chemical Evolution in the Milky Way: Rotation-based Ages for APOGEE-Kepler Cool Dwarf Stars. Astrophysical Journal, 2020, 888, 43.	1.6	29
125	Boron Abundances and Internal Mixing in Stars. I. The Hyades Giants. Astrophysical Journal, 1998, 499, 871-882.	1.6	28
126	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.	1.0	28

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127	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. Astrophysical Journal, 2019, 885, 31.	1.6	28
128	What Prevents Internal Gravity Waves from Disturbing the Solar Uniform Rotation?. Astrophysical Journal, 2008, 684, 757-769.	1.6	27
129	CHEMICAL ABUNDANCES IN A SAMPLE OF RED GIANTS IN THE OPEN CLUSTER NGC 2420 FROM APOGEE. Astrophysical Journal, 2016, 830, 35.	1.6	27
130	M Dwarf Rotation from the K2 Young Clusters to the Field. I. A Massâ€“Rotation Correlation at 10 Myr. Astrophysical Journal, 2017, 850, 134.	1.6	26
131	Li I AND K I SCATTER IN COOL PLEIADES DWARFS. Astrophysical Journal, 2010, 710, 1610-1618.	1.6	25
132	APOGEE [C/N] Abundances across the Galaxy: Migration and Infall from Red Giant Ages. Astrophysical Journal, 2019, 871, 181.	1.6	25
133	ON LITHIUM-RICH RED GIANTS: ENGULFMENT ON THE GIANT BRANCH OF TRUMPLER 20. Astrophysical Journal Letters, 2016, 833, L24.	3.0	24
134	TESS asteroseismology of the Kepler red giants. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1677-1686.	1.6	24
135	The Rotational Evolution of Young, Binary M Dwarfs. Astronomical Journal, 2018, 156, 275.	1.9	23
136	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
137	The K2 Galactic Archaeology Program Data Release 2: Asteroseismic Results from Campaigns 4, 6, and 7. Astrophysical Journal, Supplement Series, 2020, 251, 23.	3.0	22
138	The ages of globular cluster stars - Effects of rotation on pre-main-sequence, main-sequence, and turnoff evolution. Astrophysical Journal, 1989, 347, L73.	1.6	21
139	The Origin of Weakened Magnetic Braking in Old Solar Analogs. Astrophysical Journal Letters, 2022, 933, L17.	3.0	21
140	Coreâ€“Envelope Coupling in Intermediate-mass Core-helium Burning Stars. Astrophysical Journal, 2019, 887, 203.	1.6	19
141	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1â€“C8 and C10â€“C18. Astrophysical Journal, 2022, 926, 191.	1.6	19
142	Testing Angular Momentum Transport and Wind Loss in Intermediate-mass Core-helium Burning Stars. Astrophysical Journal, 2018, 868, 150.	1.6	18
143	EVIDENCE FOR CLUSTER TO CLUSTER VARIATIONS IN LOW-MASS STELLAR ROTATIONAL EVOLUTION. Astrophysical Journal, 2016, 833, 122.	1.6	18
144	Comparison of Radiative Accelerations Obtained with Atomic Data from OP and OPAL. Astrophysical Journal, 2005, 625, 563-574.	1.6	17

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145	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.	1.6	17
146	LBT/PEPSI Spectropolarimetry of a Magnetic Morphology Shift in Old Solar-type Stars*. Astrophysical Journal Letters, 2019, 887, L38.	3.0	17
147	Sinks of Light Elements in Stars - Part I. Symposium - International Astronomical Union, 2000, 198, 61-73.	0.1	16
148	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.	1.6	16
149	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.	1.6	16
150	Constraining the Cosmic Abundance of Stellar Remnants with Multi-T[CLC]e[/CLC]V Gamma Rays. Astrophysical Journal, 1999, 523, L77-L80.	1.6	16
151	Evidence for Spatially Correlated Gaia Parallax Errors in the Kepler Field. Astrophysical Journal, 2017, 844, 166.	1.6	15
152	Beryllium in the Galactic halo - Surface abundances from standard, diffusive, and rotational stellar evolution, and implications. Astrophysical Journal, 1990, 365, L67.	1.6	15
153	Sinks of Light Elements in Stars - Part III. Symposium - International Astronomical Union, 2000, 198, 87-97.	0.1	14
154	Testing the Limits of Precise Subgiant Characterization with APOGEE and Gaia: Opening a Window to Unprecedented Astrophysical Studies. Astrophysical Journal, 2021, 915, 19.	1.6	12
155	Age Spreads and Systematics in Î» Orionis with Gaia DR2 and the SPOTS Tracks. Astrophysical Journal, 2022, 924, 84.	1.6	12
156	Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey. Astrophysical Journal, 2022, 927, 123.	1.6	12
157	Fluorine Abundance Variations as a Signature of Enhanced Extra Mixing in Red Giants of the Globular Cluster M4. Astrophysical Journal, 2006, 651, 438-443.	1.6	10
158	Rapid Rotation of Kepler Field Dwarfs and Subgiants: Spectroscopic v sin i from APOGEE. Astrophysical Journal, 2020, 898, 76.	1.6	9
159	Stellar multiplicity and stellar rotation: insights from APOGEE. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2051-2061.	1.6	9
160	The K2 M67 Study: A Curiously Young Star in an Eclipsing Binary in an Old Open Cluster*. Astronomical Journal, 2018, 155, 152.	1.9	8
161	An Intermediate-age Alpha-rich Galactic Population in K2. Astronomical Journal, 2021, 161, 100.	1.9	8
162	Comparison of the Asteroseismic Mass Scale of Red Clump Giants with Photometric Mass Estimates. Astrophysical Journal, 2019, 879, 81.	1.6	8

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163	Mass Matters: No Evidence for Ubiquitous Lithium Production in Low-mass Clump Giants. Astrophysical Journal, 2022, 933, 58.	1.6	8
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