

David W Hogg

List of Publications by Year in descending order

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papers

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docs citations

233
times ranked

21778
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimensionality Reduction, Regularization, and Generalization in Overparameterized Regressions. SIAM Journal on Mathematics of Data Science, 2022, 4, 126-152.	1.0	0
2	<i>The Thresher</i>: Lucky imaging without the waste. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5372-5384.	1.6	0
3	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
4	Snails across Scales: Local and Global Phase-mixing Structures as Probes of the Past and Future Milky Way. Astrophysical Journal, 2022, 928, 80.	1.6	13
5	Stellar Abundance Maps of the Milky Way Disk. Astrophysical Journal, 2022, 928, 23.	1.6	23
6	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. Astronomical Journal, 2022, 163, 171.	1.9	27
7	How to Obtain the Redshift Distribution from Probabilistic Redshift Estimates. Astrophysical Journal, 2022, 928, 127.	1.6	5
8	The unpopular Package: A Data-driven Approach to Detrending TESS Full-frame Image Light Curves. Astronomical Journal, 2022, 163, 284.	1.9	16
9	Excalibur: A Nonparametric, Hierarchical Wavelength Calibration Method for a Precision Spectrograph. Astronomical Journal, 2021, 161, 80.	1.9	4
10	An Unsupervised Method for Identifying X-enriched Stars Directly from Spectra: Li in LAMOST. Astrophysical Journal, 2021, 908, 247.	1.6	7
11	Two-point Statistics without Bins: A Continuous-function Generalization of the Correlation Function Estimator for Large-scale Structure. Astrophysical Journal, 2021, 909, 220.	1.6	2
12	Orbital Torus Imaging: Using Element Abundances to Map Orbits and Mass in the Milky Way. Astrophysical Journal, 2021, 910, 17.	1.6	13
13	Mapping Stellar Surfaces. I. Degeneracies in the Rotational Light-curve Problem. Astronomical Journal, 2021, 162, 123.	1.9	28
14	Selection Functions in Astronomical Data Modeling, with the Space Density of White Dwarfs as a Worked Example. Astronomical Journal, 2021, 162, 142.	1.9	20
15	Fitting Very Flexible Models: Linear Regression With Large Numbers of Parameters. Publications of the Astronomical Society of the Pacific, 2021, 133, 093001.	1.0	6
16	The power of coordinate transformations in dynamical interpretations of Galactic structure. Monthly Notices of the Royal Astronomical Society, 2020, 497, 818-828.	1.6	14
17	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Color-Magnitude Diagram. Astrophysical Journal, 2020, 895, 2.	1.6	74
18	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

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19	High-resolution Spectroscopy of the GD-1 Stellar Stream Localizes the Perturber near the Orbital Plane of Sagittarius. <i>Astrophysical Journal Letters</i> , 2020, 892, L37.	3.0	34
20	Maelstrom: A Python package for identifying companions to pulsating stars from their light travel time variations. <i>Journal of Open Source Software</i> , 2020, 5, 2125.	2.0	3
21	Forward Modeling the Orbits of Companions to Pulsating Stars from Their Light Travel Time Variations. <i>Astronomical Journal</i> , 2020, 159, 202.	1.9	13
22	Temperatures and Metallicities of M Dwarfs in the APOGEE Survey. <i>Astrophysical Journal</i> , 2020, 892, 31.	1.6	33
23	The Strength of the Dynamical Spiral Perturbation in the Galactic Disk. <i>Astrophysical Journal</i> , 2020, 900, 186.	1.6	34
24	The Spur and the Gap in GD-1: Dynamical Evidence for a Dark Substructure in the Milky Way Halo. <i>Astrophysical Journal</i> , 2019, 880, 38.	1.6	114
25	Toward Precise Stellar Ages: Combining Isochrone Fitting with Empirical Gyrochronology. <i>Astronomical Journal</i> , 2019, 158, 173.	1.9	88
26	Spectrophotometric Parallaxes with Linear Models: Accurate Distances for Luminous Red-giant Stars. <i>Astronomical Journal</i> , 2019, 158, 147.	1.9	35
27	<tt>WOBBLE</tt>: A Data-driven Analysis Technique for Time-series Stellar Spectra. <i>Astronomical Journal</i> , 2019, 158, 164.	1.9	38
28	Tidal Interactions between Binary Stars Can Drive Lithium Production in Low-mass Red Giants. <i>Astrophysical Journal</i> , 2019, 880, 125.	1.6	59
29	The Implications of Local Fluctuations in the Galactic Midplane for Dynamical Analysis in the Gaia Era. <i>Astrophysical Journal</i> , 2019, 883, 103.	1.6	13
30	Precise Ages of Field Stars from White Dwarf Companions. <i>Astrophysical Journal</i> , 2019, 870, 9.	1.6	25
31	An Ultravioletâ€“Optical Colorâ€“Metallicity Relation for Red Clump Stars Using GALEX and Gaia. <i>Astrophysical Journal</i> , 2019, 872, 95.	1.6	6
32	Likelihood non-Gaussianity in large-scale structure analyses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2956-2969.	1.6	18
33	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	3.0	299
34	The Circular Velocity Curve of the Milky Way from 5 to 25 kpc. <i>Astrophysical Journal</i> , 2019, 871, 120.	1.6	232
35	Hierarchical Modeling and Statistical Calibration for Photometric Redshifts. <i>Astrophysical Journal</i> , 2019, 881, 80.	1.6	14
36	The K2 Bright Star Survey. I. Methodology and Data Release. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 8.	3.0	14

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37	emcee v3: A Python ensemble sampling toolkit for affine-invariant MCMC. <i>Journal of Open Source Software</i> , 2019, 4, 1864.	2.0	162
38	Multiple Components of the Jhelum Stellar Stream. <i>Astrophysical Journal Letters</i> , 2019, 881, L37.	3.0	32
39	Kronos and Krios: Evidence for Accretion of a Massive, Rocky Planetary System in a Comoving Pair of Solar-type Stars. <i>Astrophysical Journal</i> , 2018, 854, 138.	1.6	74
40	Inferring Binary and Tertiary Stellar Populations in Photometric and Astrometric Surveys. <i>Astrophysical Journal</i> , 2018, 857, 114.	1.6	12
41	Galactic Doppelg�angers: The Chemical Similarity Among Field Stars and Among Stars with a Common Birth Origin. <i>Astrophysical Journal</i> , 2018, 853, 198.	1.6	65
42	Binary Companions of Evolved Stars in APOGEE DR14: Search Method and Catalog of ~ 45000 Companions. <i>Astronomical Journal</i> , 2018, 156, 18.	1.9	2,267
43	The Information Content in Cold Stellar Streams. <i>Astrophysical Journal</i> , 2018, 867, 101.	1.6	65
44	Inference of Stellar Parameters from Brightness Variations. <i>Astrophysical Journal</i> , 2018, 866, 15.	1.6	10
45	Improving Gaia Parallax Precision with a Data-driven Model of Stars. <i>Astronomical Journal</i> , 2018, 156, 145.	1.9	19
46	Measuring Radial Orbit Migration in the Galactic Disk. <i>Astrophysical Journal</i> , 2018, 865, 96.	1.6	106
47	Detection of the Milky Way spiral arms in dust from 3D mapping. <i>Astronomy and Astrophysics</i> , 2018, 618, A168.	2.1	26
48	Hack weeks as a model for data science education and collaboration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8872-8877.	3.3	39
49	Data Analysis Recipes: Using Markov Chain Monte Carlo*. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 11.	3.0	170
50	Discovery and characterization of 3000+ main-sequence binaries from APOGEE spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 528-553.	1.6	82
51	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. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	3.0	796
52	Label Transfer from APOGEE to LAMOST: Precise Stellar Parameters for 450,000 LAMOST Giants. <i>Astrophysical Journal</i> , 2017, 836, 5.	1.6	85
53	The Joker: A Custom Monte Carlo Sampler for Binary-star and Exoplanet Radial Velocity Data. <i>Astrophysical Journal</i> , 2017, 837, 20.	1.6	118
54	The RAVE-on Catalog of Stellar Atmospheric Parameters and Chemical Abundances for Chemo-dynamic Studies in the Gaia Era. <i>Astrophysical Journal</i> , 2017, 840, 59.	1.6	63

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55	Comoving Stars in Gaia DR1: An Abundance of Very Wide Separation Comoving Pairs. <i>Astronomical Journal</i> , 2017, 153, 257.	1.9	128
56	Exploring cosmic homogeneity with the BOSS DR12 galaxy sample. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 019-019.	1.9	42
57	Masses and Ages for 230,000 LAMOST Giants, via Their Carbon and Nitrogen Abundances. <i>Astrophysical Journal</i> , 2017, 841, 40.	1.6	55
58	Data-driven, Interpretable Photometric Redshifts Trained on Heterogeneous and Unrepresentative Data. <i>Astrophysical Journal</i> , 2017, 838, 5.	1.6	27
59	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. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	3.0	406
60	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	1.9	1,100
61	Using machine learning to explore the long-term evolution of GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2364-2377.	1.6	26
62	Hierarchical Probabilistic Inference of the Color-Magnitude Diagram and Shrinkage of Stellar Distance Uncertainties. <i>Astronomical Journal</i> , 2017, 154, 222.	1.9	8
63	Approximate Bayesian computation in large-scale structure: constraining the galaxy-halo connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2791-2805.	1.6	40
64	Red clump stars and Gaia: calibration of the standard candle using a hierarchical probabilistic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 722-729.	1.6	56
65	Linear Models for Systematics and Nuisances. <i>Research Notes of the AAS</i> , 2017, 1, 7.	0.3	10
66	A Causal, Data-driven Approach to Modeling the Kepler Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 094503.	1.0	44
67	Modeling confounding by half-sibling regression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7391-7398.	3.3	38
68	WISE PHOTOMETRY FOR 400 MILLION SDSS SOURCES. <i>Astronomical Journal</i> , 2016, 151, 36.	1.9	149
69	THE POPULATION OF LONG-PERIOD TRANSITING EXOPLANETS. <i>Astronomical Journal</i> , 2016, 152, 206.	1.9	96
70	A $14 h^3 \text{ Gpc}^3$ study of cosmic homogeneity using BOSS DR12 quasar sample. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 060-060.	1.9	46
71	AGNfitter: A BAYESIAN MCMC APPROACH TO FITTING SPECTRAL ENERGY DISTRIBUTIONS OF AGNs. <i>Astrophysical Journal</i> , 2016, 833, 98.	1.6	84
72	Campaign 9 of the K2 Mission: Observational Parameters, Scientific Drivers, and Community Involvement for a Simultaneous Space- and Ground-based Microlensing Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124401.	1.0	79

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73	HYDROGEN EMISSION FROM THE IONIZED GASEOUS HALOS OF LOW-REDSHIFT GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 276.	1.6	24
74	CHEMICAL TAGGING CAN WORK: IDENTIFICATION OF STELLAR PHASE-SPACE STRUCTURES PURELY BY CHEMICAL-ABUNDANCE SIMILARITY. <i>Astrophysical Journal</i> , 2016, 833, 262.	1.6	61
75	Chaotic dispersal of tidal debris. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1079-1098.	1.6	57
76	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XV. THE BEAST: BAYESIAN EXTINCTION AND STELLAR TOOL*. <i>Astrophysical Journal</i> , 2016, 826, 104.	1.6	36
77	CONSTRUCTING POLYNOMIAL SPECTRAL MODELS FOR STARS. <i>Astrophysical Journal Letters</i> , 2016, 826, L25.	3.0	24
78	SPECTROSCOPIC DETERMINATION OF MASSES (AND IMPLIED AGES) FOR RED GIANTS. <i>Astrophysical Journal</i> , 2016, 823, 114.	1.6	168
79	State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 066001.	1.0	253
80	Fast Direct Methods for Gaussian Processes. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016, 38, 252-265.	9.7	397
81	FINDING, CHARACTERIZING, AND CLASSIFYING VARIABLE SOURCES IN MULTI-EPOCH SKY SURVEYS: QSOs AND RR LYRAE IN PS1 3i€ DATA. <i>Astrophysical Journal</i> , 2016, 817, 73.	1.6	53
82	SDSS-IV/MaNGA: SPECTROPHOTOMETRIC CALIBRATION TECHNIQUE. <i>Astronomical Journal</i> , 2016, 151, 8.	1.9	223
83	Globular Cluster Streams as Galactic High-Precision Scales. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 140-144.	0.0	0
84	CONSTRUCTING A FLEXIBLE LIKELIHOOD FUNCTION FOR SPECTROSCOPIC INFERENCE. <i>Astrophysical Journal</i> , 2015, 812, 128.	1.6	104
85	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. VIII. A WIDE-AREA, HIGH-RESOLUTION MAP OF DUST EXTINCTION IN M31. <i>Astrophysical Journal</i> , 2015, 814, 3.	1.6	72
86	ACTION-SPACE CLUSTERING OF TIDAL STREAMS TO INFER THE GALACTIC POTENTIAL. <i>Astrophysical Journal</i> , 2015, 801, 98.	1.6	44
87	GLOBULAR CLUSTER STREAMS AS GALACTIC HIGH-PRECISION SCALESâ€”THE POSTER CHILD PALOMAR 5. <i>Astrophysical Journal</i> , 2015, 803, 80.	1.6	156
88	GREAT3 results â€” I. Systematic errors in shear estimation and the impact of real galaxy morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2963-3007.	1.6	119
89	IGM CONSTRAINTS FROM THE SDSS-III/BOSS DR9 Ly \pm FOREST TRANSMISSION PROBABILITY DISTRIBUTION FUNCTION. <i>Astrophysical Journal</i> , 2015, 799, 196.	1.6	64
90	A SYSTEMATIC SEARCH FOR TRANSITING PLANETS IN THE <i>K2</i> DATA. <i>Astrophysical Journal</i> , 2015, 806, 215.	1.6	123

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91	THE HIGH-MASS STELLAR INITIAL MASS FUNCTION IN M31 CLUSTERS. <i>Astrophysical Journal</i> , 2015, 806, 198.	1.6	57
92	HIERARCHICAL PROBABILISTIC INFERENCE OF COSMIC SHEAR. <i>Astrophysical Journal</i> , 2015, 807, 87.	1.6	29
93	STELLAR AND PLANETARY PROPERTIES OF <i>K2</i> CAMPAIGN 1 CANDIDATES AND VALIDATION OF 17 PLANETS, INCLUDING A PLANET RECEIVING EARTH-LIKE INSOLATION. <i>Astrophysical Journal</i> , 2015, 809, 25.	1.6	150
94	DISSECTING MAGNETAR VARIABILITY WITH BAYESIAN HIERARCHICAL MODELS. <i>Astrophysical Journal</i> , 2015, 810, 66.	1.6	13
95	<i>THE CANNON</i> : A DATA-DRIVEN APPROACH TO STELLAR LABEL DETERMINATION. <i>Astrophysical Journal</i> , 2015, 808, 16.	1.6	284
96	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal</i> , Supplement Series, 2015, 219, 12.	3.0	1,877
97	Ten Simple Rules for the Care and Feeding of Scientific Data. <i>PLoS Computational Biology</i> , 2014, 10, e1003542.	1.5	147
98	MILKY WAY MASS AND POTENTIAL RECOVERY USING TIDAL STREAMS IN A REALISTIC HALO. <i>Astrophysical Journal</i> , 2014, 795, 94.	1.6	70
99	INFERRING THE GRAVITATIONAL POTENTIAL OF THE MILKY WAY WITH A FEW PRECISELY MEASURED STARS. <i>Astrophysical Journal</i> , 2014, 794, 4.	1.6	46
100	<i>S4</i> : A SPATIAL-SPECTRAL MODEL FOR SPECKLE SUPPRESSION. <i>Astrophysical Journal</i> , 2014, 794, 161.	1.6	20
101	EXOPLANET POPULATION INFERENCE AND THE ABUNDANCE OF EARTH ANALOGS FROM NOISY, INCOMPLETE CATALOGS. <i>Astrophysical Journal</i> , 2014, 795, 64.	1.6	241
102	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. <i>Astrophysical Journal</i> , Supplement Series, 2014, 211, 17.	3.0	820
103	The nature of massive black hole binary candidates II. Spectral energy distribution atlas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 316-332.	1.6	9
104	<i>emcee</i> : The MCMC Hammer. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 306-312.	1.0	7,999
105	The nature of massive black hole binary candidates I. Spectral properties and evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1492-1504.	1.6	43
106	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. IV. A PROBABILISTIC APPROACH TO INFERRING THE HIGH-MASS STELLAR INITIAL MASS FUNCTION AND OTHER POWER-LAW FUNCTIONS. <i>Astrophysical Journal</i> , 2013, 762, 123.	1.6	29
107	RECONNAISSANCE OF THE HR 8799 EXOSOLAR SYSTEM. I. NEAR-INFRARED SPECTROSCOPY. <i>Astrophysical Journal</i> , 2013, 768, 24.	1.6	131
108	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. <i>Astronomical Journal</i> , 2013, 145, 10.	1.9	1,571

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109	PROBABILISTIC CATALOGS FOR CROWDED STELLAR FIELDS. <i>Astronomical Journal</i> , 2013, 146, 7.	1.9	30
110	THE PRISM MULTI-OBJECT SURVEY (PRIMUS). II. DATA REDUCTION AND REDSHIFT FITTING. <i>Astrophysical Journal</i> , 2013, 767, 118.	1.6	141
111	A NEW APPROACH TO IDENTIFYING THE MOST POWERFUL GRAVITATIONAL LENSING TELESCOPES. <i>Astrophysical Journal</i> , 2013, 769, 52.	1.6	21
112	Action-space clustering of tidal streams to map the Galactic potential. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 207-212.	0.0	2
113	Fitting Spectral Energy Distributions of AGN A Markov Chain Monte Carlo Approach. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 228-229.	0.0	0
114	Replacing Standard Galaxy Profiles with Mixtures of Gaussians. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 719-730.	1.0	25
115	SYNMAG PHOTOMETRY: A FAST TOOL FOR CATALOG-LEVEL MATCHED COLORS OF EXTENDED SOURCES. <i>Astronomical Journal</i> , 2012, 144, 188.	1.9	9
116	SEARCHING FOR COMETS ON THE WORLD WIDE WEB: THE ORBIT OF 17P/HOLMES FROM THE BEHAVIOR OF PHOTOGRAPHERS. <i>Astronomical Journal</i> , 2012, 144, 46.	1.9	12
117	THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: QUASAR TARGET SELECTION FOR DATA RELEASE NINE. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 3.	3.0	246
118	A DATA-DRIVEN MODEL FOR SPECTRA: FINDING DOUBLE REDSHIFTS IN THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , 2012, 753, 122.	1.6	21
119	THE COLOR VARIABILITY OF QUASARS. <i>Astrophysical Journal</i> , 2012, 744, 147.	1.6	81
120	THE SPATIAL STRUCTURE OF MONO-ABUNDANCE SUB-POPULATIONS OF THE MILKY WAY DISK. <i>Astrophysical Journal</i> , 2012, 753, 148.	1.6	341
121	THE MILKY WAY'S CIRCULAR-VELOCITY CURVE BETWEEN 4 AND 14 kpc FROM APOGEE DATA. <i>Astrophysical Journal</i> , 2012, 759, 131.	1.6	325
122	AN AFFINE-INVARIANT SAMPLER FOR EXOPLANET FITTING AND DISCOVERY IN RADIAL VELOCITY DATA. <i>Astrophysical Journal</i> , 2012, 745, 198.	1.6	65
123	STAR-GALAXY CLASSIFICATION IN MULTI-BAND OPTICAL IMAGING. <i>Astrophysical Journal</i> , 2012, 760, 15.	1.6	52
124	Designing Imaging Surveys for a Retrospective Relative Photometric Calibration. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 1219-1231.	1.0	5
125	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 21.	3.0	1,158
126	THE EXTREME SMALL SCALES: DO SATELLITE GALAXIES TRACE DARK MATTER?. <i>Astrophysical Journal</i> , 2012, 749, 83.	1.6	50

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127	THE VERTICAL MOTIONS OF MONO-ABUNDANCE SUB-POPULATIONS IN THE MILKY WAY DISK. <i>Astrophysical Journal</i> , 2012, 755, 115.	1.6	94
128	GALAXY GROWTH BY MERGING IN THE NEARBY UNIVERSE. <i>Astrophysical Journal</i> , 2012, 759, 140.	1.6	9
129	THE MILKY WAY HAS NO DISTINCT THICK DISK. <i>Astrophysical Journal</i> , 2012, 751, 131.	1.6	246
130	PHOTOMETRIC REDSHIFTS AND QUASAR PROBABILITIES FROM A SINGLE, DATA-DRIVEN GENERATIVE MODEL. <i>Astrophysical Journal</i> , 2012, 749, 41.	1.6	104
131	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	1.9	1,700
132	CLUMPY STREAMS FROM CLUMPY HALOS: DETECTING MISSING SATELLITES WITH COLD STELLAR STRUCTURES. <i>Astrophysical Journal</i> , 2011, 731, 58.	1.6	148
133	ARE THE ULTRA-FAINT DWARF GALAXIES JUST CUSPS?. <i>Astrophysical Journal Letters</i> , 2011, 727, L14.	3.0	5
134	STATISTICS OF GAMMA-RAY POINT SOURCES BELOW THE <i>FERMI</i> DETECTION LIMIT. <i>Astrophysical Journal</i> , 2011, 738, 181.	1.6	59
135	A SYSTEMATIC SEARCH FOR MASSIVE BLACK HOLE BINARIES IN THE SLOAN DIGITAL SKY SURVEY SPECTROSCOPIC SAMPLE. <i>Astrophysical Journal</i> , 2011, 738, 20.	1.6	105
136	Extreme deconvolution: Inferring complete distribution functions from noisy, heterogeneous and incomplete observations. <i>Annals of Applied Statistics</i> , 2011, 5, .	0.5	128
137	THE AROMATIC FEATURES IN VERY FAINT DWARF GALAXIES. <i>Astrophysical Journal</i> , 2011, 730, 111.	1.6	11
138	THINK OUTSIDE THE COLOR BOX: PROBABILISTIC TARGET SELECTION AND THE <i>SDSS-XDQSO</i> QUASAR TARGETING CATALOG. <i>Astrophysical Journal</i> , 2011, 729, 141.	1.6	172
139	THE PRISM MULTI-OBJECT SURVEY (PRIMUS). I. SURVEY OVERVIEW AND CHARACTERISTICS. <i>Astrophysical Journal</i> , 2011, 741, 8.	1.6	247
140	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal</i> , Supplement Series, 2011, 193, 29.	3.0	1,166
141	THE DUAL ORIGIN OF STELLAR HALOS. II. CHEMICAL ABUNDANCES AS TRACERS OF FORMATION HISTORY. <i>Astrophysical Journal</i> , 2010, 721, 738-743.	1.6	101
142	CONSTRAINING THE MILKY WAY POTENTIAL WITH A SIX-DIMENSIONAL PHASE-SPACE MAP OF THE GD-1 STELLAR STREAM. <i>Astrophysical Journal</i> , 2010, 712, 260-273.	1.6	329
143	INFERRING THE ECCENTRICITY DISTRIBUTION. <i>Astrophysical Journal</i> , 2010, 725, 2166-2175.	1.6	179
144	DYNAMICAL INFERENCE FROM A KINEMATIC SNAPSHOT: THE FORCE LAW IN THE SOLAR SYSTEM. <i>Astrophysical Journal</i> , 2010, 711, 1157-1167.	1.6	12

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145	THE VELOCITY DISTRIBUTION OF NEARBY STARS FROM<i>HIPPARCOS</i>DATA. II. THE NATURE OF THE LOW-VELOCITY MOVING GROUPS. <i>Astrophysical Journal</i> , 2010, 717, 617-639.	1.6	48
146	STELLAR POPULATION VARIATIONS IN THE MILKY WAY'S STELLAR HALO. <i>Astronomical Journal</i> , 2010, 140, 1850-1859.	1.9	51
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