Hans-Walter Rix

List of Publications by Year
in descending order

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310 papers	58,536 citations	1368 108 h-index	981 237 g-index
312 all docs	312 docs citations	312 times ranked	17038 citing authors

#	Article	IF	Citations
1	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	3.0	4,201
2	Binary Companions of Evolved Stars in APOGEE DR14: Search Method and Catalog of â^¼5000 Companions. Astronomical Journal, 2018, 156, 18.	1.9	2,267
3	Detailed Structural Decomposition of Galaxy Images. Astronomical Journal, 2002, 124, 266-293.	1.9	2,118
4	Sloan Digital Sky Survey: Early Data Release. Astronomical Journal, 2002, 123, 485-548.	1.9	2,003
5	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
6	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	1.9	1,700
7	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	3.0	1,590
8	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€"THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. Astrophysical Journal, Supplement Series, 2011, 197, 36.	3.0	1,549
9	On the Black Hole Mass-Bulge Mass Relation. Astrophysical Journal, 2004, 604, L89-L92.	1.6	1,296
10	DETAILED DECOMPOSITION OF GALAXY IMAGES. II. BEYOND AXISYMMETRIC MODELS. Astronomical Journal, 2010, 139, 2097-2129.	1.9	1,272
11	The James Webb Space Telescope. Space Science Reviews, 2006, 123, 485-606.	3.7	1,201
12	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	3.0	1,166
13	Nearly 5000 Distant Earlyâ€Type Galaxies in COMBOâ€17: A Red Sequence and Its Evolution sincezâ€‰â^¼â€‰1. Astrophysical Journal, 2004, 608, 752-767.	1.6	992
14	3D-HST+CANDELS: THE EVOLUTION OF THE GALAXY SIZE-MASS DISTRIBUTION SINCEz= 3. Astrophysical Journal, 2014, 788, 28.	1.6	944
15	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITHg= 14-20. Astronomical Journal, 2009, 137, 4377-4399.	1.9	905
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.	3.0	826
17	The First Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2003, 126, 2081-2086.	1.9	800
18	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

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19	3D-HST WFC3-SELECTED PHOTOMETRIC CATALOGS IN THE FIVE CANDELS/3D-HST FIELDS: PHOTOMETRY, PHOTOMETRIC REDSHIFTS, AND STELLAR MASSES. Astrophysical Journal, Supplement Series, 2014, 214, 24.	3.0	728
20	An 800-million-solar-mass black hole in a significantly neutral Universe at a redshift of 7.5. Nature, 2018, 553, 473-476.	13.7	726
21	3D-HST: A WIDE-FIELD GRISM SPECTROSCOPIC SURVEY WITH THE HUBBLE SPACE TELESCOPE. Astrophysical Journal, Supplement Series, 2012, 200, 13.	3.0	536
22	THE STAR FORMATION HISTORY OF MASS-SELECTED GALAXIES IN THE COSMOS FIELD. Astrophysical Journal, 2011, 730, 61.	1.6	515
23	THE 3D-HST SURVEY: HUBBLE SPACE TELESCOPE WFC3/G141 GRISM SPECTRA, REDSHIFTS, AND EMISSION LINE MEASUREMENTS FOR â^¼100,000 GALAXIES. Astrophysical Journal, Supplement Series, 2016, 225, 27.	3.0	513
24	MOLECULAR GAS AND STAR FORMATION IN NEARBY DISK GALAXIES. Astronomical Journal, 2013, 146, 19.	1.9	505
25	THE CO-TO-H₂CONVERSION FACTOR AND DUST-TO-GAS RATIO ON KILOPARSEC SCALES IN NEARBY GALAXIES. Astrophysical Journal, 2013, 777, 5.	1.6	418
26	STRUCTURAL PARAMETERS OF GALAXIES IN CANDELS. Astrophysical Journal, Supplement Series, 2012, 203, 24.	3.0	410
27	A THREE-DIMENSIONAL MAP OF MILKY WAY DUST. Astrophysical Journal, 2015, 810, 25.	1.6	408
28	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
29	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
30	A DIRECT DYNAMICAL MEASUREMENT OF THE MILKY WAY'S DISK SURFACE DENSITY PROFILE, DISK SCALE LENGTH, AND DARK MATTER PROFILE AT 4 kpc â‰²Râ‰² 9 kpc. Astrophysical Journal, 2013, 779, 115.	1.6	400
31	The Dependence on Environment of the Color-Magnitude Relation of Galaxies. Astrophysical Journal, 2004, 601, L29-L32.	1.6	372
32	KINGFISHâ€"Key Insights on Nearby Galaxies: A Far-Infrared Survey withHerschel: Survey Description and Image Atlas1. Publications of the Astronomical Society of the Pacific, 2011, 123, 1347-1369.	1.0	349
33	THE SPATIAL STRUCTURE OF MONO-ABUNDANCE SUB-POPULATIONS OF THE MILKY WAY DISK. Astrophysical Journal, 2012, 753, 148.	1.6	341
34	Galactic reddening in 3D from stellar photometry â€“ an improved map. Monthly Notices of the Royal Astronomical Society, 2018, 478, 651-666.	1.6	337
35	CONSTRAINING THE MILKY WAY POTENTIAL WITH A SIX-DIMENSIONAL PHASE-SPACE MAP OF THE GD-1 STELLAR STREAM. Astrophysical Journal, 2010, 712, 260-273.	1.6	329
36	PHOTOMETRIC CALIBRATION OF THE FIRST 1.5 YEARS OF THE PAN-STARRS1 SURVEY. Astrophysical Journal, 2012, 756, 158.	1.6	311

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37	ON THE EFFECT OF THE COSMIC MICROWAVE BACKGROUND IN HIGH-REDSHIFT (SUB-)MILLIMETER OBSERVATIONS. Astrophysical Journal, 2013, 766, 13.	1.6	305
38	THE LARGE APEX BOLOMETER CAMERA SURVEY OF THE EXTENDED CHANDRA DEEP FIELD SOUTH. Astrophysical Journal, 2009, 707, 1201-1216.	1.6	304
39	IRAC Mid-Infrared Imaging of the Hubble Deep Field-South: Star Formation Histories and Stellar Masses of Red Galaxies at z â€‰>â€‰2. Astrophysical Journal, 2005, 624, L81-L84.	1.6	300
40	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
41	Nonaxisymmetric Structures in the Stellar Disks of Galaxies. Astrophysical Journal, 1995, 447, 82.	1.6	289
42	THE CANNON: A DATA-DRIVEN APPROACH TO STELLAR LABEL DETERMINATION. Astrophysical Journal, 2015, 808, 16.	1.6	284
43	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. Astrophysical Journal, Supplement Series, 2012, 200, 18.	3.0	269
44	THE PAN-STARRS1 DISTANT zÂ>Â5.6 QUASAR SURVEY: MORE THAN 100 QUASARS WITHIN THE FIRST GYR OF THE UNIVERSE. Astrophysical Journal, Supplement Series, 2016, 227, 11.	3.0	266
45	ANDROMEDA'S DUST. Astrophysical Journal, 2014, 780, 172.	1.6	258
46	AN ALMA SURVEY OF SUBMILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: SOURCE CATALOG AND MULTIPLICITY. Astrophysical Journal, 2013, 768, 91.	1.6	256
47	WHAT TURNS GALAXIES OFF? THE DIFFERENT MORPHOLOGIES OF STAR-FORMING AND QUIESCENT GALAXIES SINCEzâˆ¼ 2 FROM CANDELS. Astrophysical Journal, 2012, 753, 167.	1.6	251
48	WHAT IS DRIVING THE H I VELOCITY DISPERSION?. Astronomical Journal, 2009, 137, 4424-4435.	1.9	249
49	THE MILKY WAY HAS NO DISTINCT THICK DISK. Astrophysical Journal, 2012, 751, 131.	1.6	246
50	The Circular Velocity Curve of the Milky Way from 5 to 25 kpc. Astrophysical Journal, 2019, 871, 120.	1.6	232
51	Physical Properties of 15 Quasars at zÂâ‰³Â6.5. Astrophysical Journal, 2017, 849, 91.	1.6	230
52	The intense starburst HDFâ€‰850.1 in a galaxy overdensity at zâ€‰â‰ˆâ€‰5.2 in the Hubble Deep Field. Nature, 2012, 486, 233-236.	13.7	226
53	Ultradeep Near-Infrared ISAAC Observations of the Hubble Deep Field South: Observations, Reduction, Multicolor Catalog, and Photometric Redshifts. Astronomical Journal, 2003, 125, 1107-1123.	1.9	221
54	An ALMA [C ii] Survey of 27 Quasars at zÂ>Â5.94. Astrophysical Journal, 2018, 854, 97.	1.6	220

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55	A COSMIC VARIANCE COOKBOOK. Astrophysical Journal, 2011, 731, 113.	1.6	217
56	KILOPARSEC-SCALE DUST DISKS IN HIGH-REDSHIFT LUMINOUS SUBMILLIMETER GALAXIES. Astrophysical Journal, 2016, 833, 103.	1.6	212
57	HERSCHELFAR-INFRARED AND SUBMILLIMETER PHOTOMETRY FOR THE KINGFISH SAMPLE OF NEARBY GALAXIES. Astrophysical Journal, 2012, 745, 95.	1.6	209
58	A million binaries from Gaia eDR3: sample selection and validation of Gaia parallax uncertainties. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2269-2295.	1.6	208
59	STELLAR MASSES AND STAR FORMATION RATES FOR 1 M GALAXIES FROM SDSS+ WISE. Astrophysical Journal, Supplement Series, 2015, 219, 8.	3.0	205
60	The Milky Wayâ€™s stellar disk. Astronomy and Astrophysics Review, 2013, 21, 1.	9.1	204
61	THE ASSEMBLY OF MILKY-WAY-LIKE GALAXIES SINCE z â¼ 2.5. Astrophysical Journal Letters, 2013, 771, L35.	3.0	202
62	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. III. OPTICAL CONTINUUM EMISSION AND BROADBAND TIME DELAYS IN NGC 5548. Astrophysical Journal, 2016, 821, 56.	1.6	200
63	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at zÂ>Â7. Astrophysical Journal, 2018, 864, 142.	1.6	197
64	SAGITTARIUS II, DRACO II AND LAEVENS 3: THREE NEW MILKY WAY SATELLITES DISCOVERED IN THE PAN-STARRS 1 3Ï€SURVEY. Astrophysical Journal, 2015, 813, 44.	1.6	196
65	THE MAJORITY OF COMPACT MASSIVE GALAXIES ATzâ¼ 2 ARE DISK DOMINATED. Astrophysical Journal, 2011, 730, 38.	1.6	194
66	A QUANTITATIVE EXPLANATION OF THE OBSERVED POPULATION OF MILKY WAY SATELLITE GALAXIES. Astrophysical Journal, 2009, 696, 2179-2194.	1.6	193
67	Spectroscopic Identification of Massive Galaxies at z ~ 2.3 with Strongly Suppressed Star Formation. Astrophysical Journal, 2006, 649, L71-L74.	1.6	190
68	MAPPING THE STELLAR STRUCTURE OF THE MILKY WAY THICK DISK AND HALO USING SEGUE PHOTOMETRY. Astrophysical Journal, 2010, 714, 663-674.	1.6	189
69	THE OPTICALâ€“INFRARED EXTINCTION CURVE AND ITS VARIATION IN THE MILKY WAY. Astrophysical Journal, 2016, 821, 78.	1.6	185
70	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
71	ON GALACTIC DENSITY MODELING IN THE PRESENCE OF DUST EXTINCTION. Astrophysical Journal, 2016, 818, 130.	1.6	182
72	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

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73	TRACING CHEMICAL EVOLUTION OVER THE EXTENT OF THE MILKY WAY'S DISK WITH APOGEE RED CLUMP STARS. Astrophysical Journal, 2014, 796, 38.	1.6	181
74	STELLAR KINEMATICS OFzâ¼ 2 GALAXIES AND THE INSIDE-OUT GROWTH OF QUIESCENT GALAXIES[,]. Astrophysical Journal, 2013, 771, 85.	1.6	179
75	THE STELLAR POPULATION STRUCTURE OF THE GALACTIC DISK. Astrophysical Journal, 2016, 823, 30.	1.6	178
76	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. Astrophysical Journal, 2016, 833, 67.	1.6	172
77	SPECTROSCOPIC DETERMINATION OF MASSES (AND IMPLIED AGES) FOR RED GIANTS. Astrophysical Journal, 2016, 823, 114.	1.6	168
78	WHERE STARS FORM: INSIDE-OUT GROWTH AND COHERENT STAR FORMATION FROM HST HÎ±ÂMAPS OF 3200 GALAXIES ACROSS THE MAIN SEQUENCE AT 0.7Â< zÂ<Â1.5. Astrophysical Journal, 2016, 828, 27.	1.6	166
79	TheGaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. Astronomy and Astrophysics, 2014, 570, A122.	2.1	165
80	A LARGE CATALOG OF ACCURATE DISTANCES TO MOLECULAR CLOUDS FROM PS1 PHOTOMETRY. Astrophysical Journal, 2014, 786, 29.	1.6	164
81	The Near-Infrared Spectrograph (NIRSpec) on theJames WebbSpace Telescope. Astronomy and Astrophysics, 2022, 661, A80.	2.1	164
82	Sagittarius Tidal Debris 90 Kiloparsecs from the Galactic Center. Astrophysical Journal, 2003, 596, L191-L194.	1.6	162
83	Massâ€toâ€Light Ratios of Field Earlyâ€Type Galaxies atzâ¼ 1 from Ultradeep Spectroscopy: Evidence for Massâ€dependent Evolution. Astrophysical Journal, 2005, 631, 145-162.	1.6	158
84	TheGaia-ESO Survey: radial metallicity gradients and age-metallicity relation of stars in the Milky Way disk. Astronomy and Astrophysics, 2014, 565, A89.	2.1	158
85	THE IDENTIFICATION OF z -DROPOUTS IN PAN-STARRS1: THREE QUASARS AT 6.5< z < 6.7. Astrophysical Journal Letters, 2015, 801, L11.	3.0	151
86	Rapidly star-forming galaxies adjacent to quasars at redshifts exceeding 6. Nature, 2017, 545, 457-461.	13.7	149
87	GALACTIC MASERS AND THE MILKY WAY CIRCULAR VELOCITY. Astrophysical Journal, 2009, 704, 1704-1709.	1.6	148
88	The Dependence of Star Formation on Galaxy Stellar Mass. Astrophysical Journal, 2007, 661, L41-L44.	1.6	145
89	THE EMISSION BY DUST AND STARS OF NEARBY GALAXIES IN THEHERSCHELKINGFISH SURVEY. Astrophysical Journal, 2011, 738, 89.	1.6	145
90	The Hercules-Aquila Cloud. Astrophysical Journal, 2007, 657, L89-L92.	1.6	138

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91	A NEW FAINT MILKY WAY SATELLITE DISCOVERED IN THE PAN-STARRS1 3 Ï€ SURVEY. Astrophysical Journal Letters, 2015, 802, L18.	3.0	135
92	Young Î±-enriched giant stars in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2230-2243.	1.6	133
93	THE VLT LEGA-C SPECTROSCOPIC SURVEY: THE PHYSICS OF GALAXIES AT A LOOKBACK TIME OF 7 Gyr. Astrophysical Journal, Supplement Series, 2016, 223, 29.	3.0	133
94	ON THE SIZE AND COMOVING MASS DENSITY EVOLUTION OF EARLY-TYPE GALAXIES. Astrophysical Journal, 2009, 698, 1232-1243.	1.6	131
95	EXTREME EMISSION-LINE GALAXIES IN CANDELS: BROADBAND-SELECTED, STARBURSTING DWARF GALAXIES ATz> 1. Astrophysical Journal, 2011, 742, 111.	1.6	131
96	Abundance Estimates for 16 Elements in 6 Million Stars from LAMOST DR5 Low-Resolution Spectra. Astrophysical Journal, Supplement Series, 2019, 245, 34.	3.0	130
97	The Payne: Self-consistent ab initio Fitting of Stellar Spectra. Astrophysical Journal, 2019, 879, 69.	1.6	129
98	DISCOVERY OF EIGHTzâˆ¼ 6 QUASARS FROM Pan-STARRS1. Astronomical Journal, 2014, 148, 14.	1.9	126
99	QUANTIFYING KINEMATIC SUBSTRUCTURE IN THE MILKY WAY'S STELLAR HALO. Astrophysical Journal, 2011, 738, 79.	1.6	125
100	GEOMETRY OF STAR-FORMING GALAXIES FROM SDSS, 3D-HST, AND CANDELS. Astrophysical Journal Letters, 2014, 792, L6.	3.0	125
101	THE GRAVITATIONAL POTENTIAL NEAR THE SUN FROM SEGUE K-DWARF KINEMATICS. Astrophysical Journal, 2013, 772, 108.	1.6	123
102	SELECTING QUASARS BY THEIR INTRINSIC VARIABILITY. Astrophysical Journal, 2010, 714, 1194-1208.	1.6	121
103	The Joker: A Custom Monte Carlo Sampler for Binary-star and Exoplanet Radial Velocity Data. Astrophysical Journal, 2017, 837, 20.	1.6	118
104	QUIESCENT GALAXIES IN THE 3D-HST SURVEY: SPECTROSCOPIC CONFIRMATION OF A LARGE NUMBER OF GALAXIES WITH RELATIVELY OLD STELLAR POPULATIONS AT z âˆ¼ 2. Astrophysical Journal Letters, 2013, 770, L39.	3.0	117
105	The ALMA Spectroscopic Survey in the HUDF: CO Luminosity Functions and the Molecular Gas Content of Galaxies through Cosmic History. Astrophysical Journal, 2019, 882, 138.	1.6	114
106	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. Astronomical Journal, 2017, 153, 204.	1.9	112
107	MODELING DUST AND STARLIGHT IN GALAXIES OBSERVED BYSPITZERANDHERSCHEL: NGC 628 AND NGC 6946. Astrophysical Journal, 2012, 756, 138.	1.6	110
108	THE SIMPLE SURVEY: OBSERVATIONS, REDUCTION, AND CATALOG. Astrophysical Journal, 2011, 727, 1.	1.6	109

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109	New Insights on the Draco Dwarf Spheroidal Galaxy from the Sloan Digital Sky Survey: A Larger Radius and No Tidal Tails. Astronomical Journal, 2001, 122, 2538-2553.	1.9	108
110	SPECTRAL ENERGY DISTRIBUTIONS OF QSOs ATz> 5: COMMON ACTIVE GALACTIC NUCLEUS-HEATED DUST AND OCCASIONALLY STRONG STAR-FORMATION. Astrophysical Journal, 2014, 785, 154.	1.6	108
111	Internal kinematics of distant field galaxies -- I. Emission linewidths for a complete sample of faint blue galaxies at <z> Â 0.25. Monthly Notices of the Royal Astronomical Society, 1997, 285, 779-792.	1.6	107
112	MaGICC thick disc â€“ I. Comparing a simulated disc formed with stellar feedback to the Milky Way. Monthly Notices of the Royal Astronomical Society, 2013, 436, 625-634.	1.6	107
113	Measuring Radial Orbit Migration in the Galactic Disk. Astrophysical Journal, 2018, 865, 96.	1.6	106
114	SPATIALLY RESOLVED HÎ± MAPS AND SIZES OF 57 STRONGLY STAR-FORMING GALAXIES AT z â¼ 1 FROM 3D-HST: EVIDENCE FOR RAPID INSIDE-OUT ASSEMBLY OF DISK GALAXIES. Astrophysical Journal Letters, 2012, 747, L28.	3.0	104
115	FIRST RESULTS FROM THE 3D-HST SURVEY: THE STRIKING DIVERSITY OF MASSIVE GALAXIES AT z > 1. Astrophysical Journal Letters, 2011, 743, L15.	3.0	103
116	The heating of dust by old stellar populations in the bulge of M31. Monthly Notices of the Royal Astronomical Society, 2012, 426, 892-902.	1.6	103
117	Copious Amounts of Dust and Gas in a zÂ=Â7.5 Quasar Host Galaxy. Astrophysical Journal Letters, 2017, 851, L8.	3.0	103
118	GALAXY STRUCTURE AS A DRIVER OF THE STAR FORMATION SEQUENCE SLOPE AND SCATTER. Astrophysical Journal Letters, 2015, 811, L12.	3.0	98
119	THE RADIAL PROFILE AND FLATTENING OF THE MILKY WAYâ€™S STELLAR HALO TO 80 kpc FROM THE SEGUE K-GIANT SURVEY. Astrophysical Journal, 2015, 809, 144.	1.6	98
120	THE NATURE OF EXTREME EMISSION LINE GALAXIES ATz= 1-2: KINEMATICS AND METALLICITIES FROM NEAR-INFRARED SPECTROSCOPY. Astrophysical Journal, 2014, 791, 17.	1.6	97
121	A synoptic map of halo substructures from the Pan-STARRS1 3Ï€ survey. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1759-1768.	1.6	97
122	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: CO LUMINOSITY FUNCTIONS AND THE EVOLUTION OF THE COSMIC DENSITY OF MOLECULAR GAS. Astrophysical Journal, 2016, 833, 69.	1.6	97
123	Origin of chemically distinct discs in the Auriga cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3629-3639.	1.6	97
124	THE VERTICAL MOTIONS OF MONO-ABUNDANCE SUB-POPULATIONS IN THE MILKY WAY DISK. Astrophysical Journal, 2012, 755, 115.	1.6	94
125	Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548. Astrophysical Journal, 2017, 837, 131.	1.6	93
126	The Fundamental Plane of Field Early-Type Galaxies at z = 1. Astrophysical Journal, 2004, 601, L5-L8.	1.6	92

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127	HÎ± EQUIVALENT WIDTHS FROM THE 3D-HST SURVEY: EVOLUTION WITH REDSHIFT AND DEPENDENCE ON STELLAR MASS. Astrophysical Journal Letters, 2012, 757, L22.	3.0	91
128	A MOLECULAR LINE SCAN IN THE HUBBLE DEEP FIELD NORTH: CONSTRAINTS ON THE CO LUMINOSITY FUNCTION AND THE COSMIC H₂DENSITY. Astrophysical Journal, 2014, 782, 79.	1.6	91
129	The GALAH survey: An abundance, age, and kinematic inventory of the solar neighbourhood made with TGAS. Astronomy and Astrophysics, 2019, 624, A19.	2.1	91
130	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: MOLECULAR GAS RESERVOIRS IN HIGH-REDSHIFT GALAXIES. Astrophysical Journal, 2016, 833, 70.	1.6	89
131	An Empirical Measurement of the Initialâ€“Final Mass Relation with Gaia White Dwarfs. Astrophysical Journal Letters, 2018, 860, L17.	3.0	89
132	A NEW DISTANT MILKY WAY GLOBULAR CLUSTER IN THE PAN-STARRS1 3Ï€ SURVEY. Astrophysical Journal Letters, 2014, 786, L3.	3.0	88
133	CONSTRAINING THE RADIO-LOUD FRACTION OF QUASARS ATz> 5.5. Astrophysical Journal, 2015, 804, 118.	1.6	87
134	THE PANCHROMATICHUBBLEANDROMEDA TREASURY. XI. THE SPATIALLY RESOLVED RECENT STAR FORMATION HISTORY OF M31. Astrophysical Journal, 2015, 805, 183.	1.6	86
135	A MAP OF DUST REDDENING TO 4.5 kpc FROM Pan-STARRS1. Astrophysical Journal, 2014, 789, 15.	1.6	85
136	Label Transfer from APOGEE to LAMOST: Precise Stellar Parameters for 450,000 LAMOST Giants. Astrophysical Journal, 2017, 836, 5.	1.6	85
137	The Galactic disc in action space as seen byGaiaDR2. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3291-3306.	1.6	85
138	Chemical Cartography with APOGEE: Multi-element Abundance Ratios. Astrophysical Journal, 2019, 874, 102.	1.6	85
139	MEASURING DISTANCES AND REDDENINGS FOR A BILLION STARS: TOWARD A 3D DUST MAP FROM PAN-STARRS 1. Astrophysical Journal, 2014, 783, 114.	1.6	84
140	Discovery of an equal-mass â€˜twinâ€™ binary population reaching 1000Â+Âau separations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5822-5857.	1.6	84
141	MAJOR MERGING: THE WAY TO MAKE A MASSIVE, PASSIVE GALAXY. Astrophysical Journal, 2009, 706, L120-L123.	1.6	83
142	Discovery and characterization of 3000+ main-sequence binaries from APOGEE spectra. Monthly Notices of the Royal Astronomical Society, 2018, 476, 528-553.	1.6	82
143	THE COLOR VARIABILITY OF QUASARS. Astrophysical Journal, 2012, 744, 147.	1.6	81
144	Kiloparsec-scale ALMA Imaging of [C ii] and Dust Continuum Emission of 27 Quasar Host Galaxies at zÂâˆ¼Â6. Astrophysical Journal, 2020, 904, 130.	1.6	81

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145	The Fundamental Plane of Cluster Elliptical Galaxies at z â€‰=â€‰1.25. Astrophysical Journal, 2005, 620, L83-L86.	1.6	80
146	THE SEGUE K GIANT SURVEY. II. A CATALOG OF DISTANCE DETERMINATIONS FOR THE SEGUE K GIANTS IN THE GALACTIC HALO. Astrophysical Journal, 2014, 784, 170.	1.6	77
147	Dust Emission in an Accretion-rate-limited Sample of zÂâ‰³Â6 Quasars. Astrophysical Journal, 2018, 866, 159.	1.6	77
148	Imprints of white dwarf recoil in the separation distribution of Gaia wide binaries. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	76
149	HOW DEAD ARE DEAD GALAXIES? MID-INFRARED FLUXES OF QUIESCENT GALAXIES AT REDSHIFT 0.3 <i>z</i> 2.5: IMPLICATIONS FOR STAR FORMATION RATES AND DUST HEATING. Astrophysical Journal, 2014, 796, 35.	1.6	75
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