

Jay Anderson

List of Publications by Year in descending order

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149
papers

14,448
citations

16437

64
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19726

117
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152
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152
docs citations

152
times ranked

5828
citing authors

#	ARTICLE	IF	CITATIONS
1	A Triple Main Sequence in the Globular Cluster NGC 2808. <i>Astrophysical Journal</i> , 2007, 661, L53-L56.	1.6	570
2	Centauri: The Population Puzzle Goes Deeper. <i>Astrophysical Journal</i> , 2004, 605, L125-L128.	1.6	460
3	The ACS Survey of Galactic Globular Clusters. I. Overview and Clusters without Previous Hubble Space Telescope Photometry. <i>Astronomical Journal</i> , 2007, 133, 1658-1672.	1.9	413
4	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VII. RELATIVE AGES. <i>Astrophysical Journal</i> , 2009, 694, 1498-1516.	1.6	399
5	THE HUBBLE SPACE TELESCOPE UV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS. I. OVERVIEW OF THE PROJECT AND DETECTION OF MULTIPLE STELLAR POPULATIONS. <i>Astronomical Journal</i> , 2015, 149, 91.	1.9	395
6	THIRD-EPOCH MAGELLANIC CLOUD PROPER MOTIONS. I. HUBBLE SPACE TELESCOPE/WFC3 DATA AND ORBIT IMPLICATIONS. <i>Astrophysical Journal</i> , 2013, 764, 161.	1.6	383
7	Metallicities on the Double Main Sequence of ω Centauri Imply Large Helium Enhancement. <i>Astrophysical Journal</i> , 2005, 621, 777-784.	1.6	382
8	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. IX. HORIZONTAL BRANCH MORPHOLOGY AND THE SECOND PARAMETER PHENOMENON. <i>Astrophysical Journal</i> , 2010, 708, 698-716.	1.6	374
9	New Parallaxes of Galactic Cepheids from Spatially Scanning the Hubble Space Telescope: Implications for the Hubble Constant. <i>Astrophysical Journal</i> , 2018, 855, 136.	1.6	362
10	The ACS survey of Galactic globular clusters. <i>Astronomy and Astrophysics</i> , 2012, 540, A16.	2.1	352
11	The Hubble Space Telescope UV Legacy Survey of Galactic globular clusters â€“ IX. The Atlas of multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3636-3656.	1.6	328
12	THE ACS SURVEY OF GLOBULAR CLUSTERS. V. GENERATING A COMPREHENSIVE STAR CATALOG FOR EACH CLUSTER. <i>Astronomical Journal</i> , 2008, 135, 2055-2073.	1.9	319
13	Micro lens OGLE-2005-BLG-169 Implies That Cool Neptune-like Planets Are Common. <i>Astrophysical Journal</i> , 2006, 644, L37-L40.	1.6	272
14	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters â€“ V. Constraints on formation scenarios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 4197-4207.	1.6	253
15	Toward High-Precision Astrometry with WFC2. I. Deriving an Accurate Point-Spread Function. <i>Publications of the Astronomical Society of the Pacific</i> , 2000, 112, 1360-1382.	1.0	248
16	The ACS Survey of Galactic Globular Clusters. III. The Double Subgiant Branch of NGC 1851. <i>Astrophysical Journal</i> , 2008, 673, 241-250.	1.6	238
17	MULTIPLE STELLAR POPULATIONS IN 47 Tucanae. <i>Astrophysical Journal</i> , 2012, 744, 58.	1.6	230
18	IMPROVING GALACTIC CENTER ASTROMETRY BY REDUCING THE EFFECTS OF GEOMETRIC DISTORTION. <i>Astrophysical Journal</i> , 2010, 725, 331-352.	1.6	204

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19	An Empirical Pixel-Based Correction for Imperfect CTE. I. <i>HST's</i> Advanced Camera for Surveys 1. Publications of the Astronomical Society of the Pacific, 2010, 122, 1035-1064.	1.0	196
20	A Multimass Velocity Dispersion Model of 47 Tucanae Indicates No Evidence for an Intermediate-mass Black Hole. <i>Astrophysical Journal</i> , 2019, 875, 1.	1.6	192
21	NEW LIMITS ON AN INTERMEDIATE-MASS BLACK HOLE IN OMEGA CENTAURI. I. <i>HUBBLE SPACE TELESCOPE</i> PHOTOMETRY AND PROPER MOTIONS. <i>Astrophysical Journal</i> , 2010, 710, 1032-1062.	1.6	182
22	OGLE-2005-BLG-071Lb, THE MOST MASSIVE M DWARF PLANETARY COMPANION?. <i>Astrophysical Journal</i> , 2009, 695, 970-987.	1.6	173
23	NEW LIMITS ON AN INTERMEDIATE-MASS BLACK HOLE IN OMEGA CENTAURI. II. DYNAMICAL MODELS. <i>Astrophysical Journal</i> , 2010, 710, 1063-1088.	1.6	170
24	The Multiplicity of the Subgiant Branch of ω Centauri: Evidence for Prolonged Star Formation. <i>Astrophysical Journal</i> , 2007, 663, 296-314.	1.6	163
25	Stellar Proper Motions in the Galactic Bulge from Deep <i>Hubble Space Telescope</i> ACS WFC Photometry. <i>Astrophysical Journal</i> , 2008, 684, 1110-1142.	1.6	159
26	THE <i>HUBBLE SPACE TELESCOPE</i> UV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS. III. A QUINTUPLE STELLAR POPULATION IN NGC 2808. <i>Astrophysical Journal</i> , 2015, 808, 51.	1.6	155
27	Astrometry and Photometry with <i>HST</i> WFC3. II. Improved Geometric-Distortion Corrections for 10 Filters of the UVIS Channel 1. Publications of the Astronomical Society of the Pacific, 2011, 123, 622-637.	1.0	154
28	Hubble Space Telescope Proper Motions and Stellar Dynamics in the Core of the Globular Cluster 47 Tucanae. <i>Astrophysical Journal</i> , Supplement Series, 2006, 166, 249-297.	3.0	150
29	Transforming observational data and theoretical isochrones into the ACS/WFC Vega-mag system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 1038-1048.	1.6	146
30	The Hubble Space Telescope UV legacy survey of galactic globular clusters â€“ XVI. The helium abundance of multiple populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5098-5122.	1.6	146
31	A WFC3/ <i>HST</i> VIEW OF THE THREE STELLAR POPULATIONS IN THE GLOBULAR CLUSTER NGC 6752. <i>Astrophysical Journal</i> , 2013, 767, 120.	1.6	142
32	<i>HUBBLE SPACE TELESCOPE</i> PROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. I. SAMPLE SELECTION, DATA REDUCTION, AND NGC 7078 RESULTS. <i>Astrophysical Journal</i> , 2014, 797, 115.	1.6	142
33	The Double Subgiant Branch of NGC 1851: The Role of the CNO Abundance. <i>Astrophysical Journal</i> , 2008, 672, L115-L118.	1.6	136
34	An Improved Distortion Solution for the Hubble Space Telescope's WFPC2. Publications of the Astronomical Society of the Pacific, 2003, 115, 113-131.	1.0	133
35	SODIUM â€“ OXYGEN ANTICORRELATION AND NEUTRON-CAPTURE ELEMENTS IN OMEGA CENTAURI STELLAR POPULATIONS. <i>Astrophysical Journal</i> , 2011, 731, 64.	1.6	129
36	CONFIRMATION OF THE PLANETARY MICROLENSING SIGNAL AND STAR AND PLANET MASS DETERMINATIONS FOR EVENT OGLE-2005-BLG-169. <i>Astrophysical Journal</i> , 2015, 808, 169.	1.6	129

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37	<i>HUBBLE SPACE TELESCOPE</i> REVEALS MULTIPLE SUB-GIANT BRANCH IN EIGHT GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2012, 760, 39.	1.6	128
38	Ground-based CCD astrometry with wide field imagers. <i>Astronomy and Astrophysics</i> , 2006, 454, 1029-1045.	2.1	127
39	<i>HUBBLE SPACE TELESCOPE</i> PROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. II. KINEMATIC PROFILES AND MAPS. <i>Astrophysical Journal</i> , 2015, 803, 29.	1.6	121
40	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters â€“ XVII. Public Catalogue Release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3382-3393.	1.6	119
41	Identification of the OGLE-2003-BLG-235/MOA-2003-BLG-53 Planetary Host Star. <i>Astrophysical Journal</i> , 2006, 647, L171-L174.	1.6	118
42	THE FIRST DETECTION OF BLUE STRAGGLER STARS IN THE MILKY WAY BULGE. <i>Astrophysical Journal</i> , 2011, 735, 37.	1.6	114
43	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. X. NEW DETERMINATIONS OF CENTERS FOR 65 CLUSTERS. <i>Astronomical Journal</i> , 2010, 140, 1830-1837.	1.9	112
44	The Hubble Space Telescope UV Legacy Survey of galactic globular clusters â€“ II. The seven stellar populations of NGC 7089 (M2)â†. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 927-938.	1.6	110
45	Relativistic deflection of background starlight measures the mass of a nearby white dwarf star. <i>Science</i> , 2017, 356, 1046-1050.	6.0	108
46	THE M31 VELOCITY VECTOR. I. <i>HUBBLE SPACE TELESCOPE</i> PROPER-MOTION MEASUREMENTS. <i>Astrophysical Journal</i> , 2012, 753, 7.	1.6	103
47	Characterization of Gravitational Microlensing Planetary Host Stars. <i>Astrophysical Journal</i> , 2007, 660, 781-790.	1.6	97
48	THE FIRST CIRCUMBINARY PLANET FOUND BY MICROLENSING: OGLE-2007-BLG-349L(AB)c. <i>Astronomical Journal</i> , 2016, 152, 125.	1.9	94
49	Radial distribution of the multiple stellar populations in ω Centauri. <i>Astronomy and Astrophysics</i> , 2009, 507, 1393-1408.	2.1	91
50	Ground-based CCD astrometry with wide field imagers. <i>Astronomy and Astrophysics</i> , 2009, 493, 959-978.	2.1	89
51	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VIII. EFFECTS OF ENVIRONMENT ON GLOBULAR CLUSTER GLOBAL MASS FUNCTIONS. <i>Astronomical Journal</i> , 2010, 139, 476-491.	1.9	86
52	A DYNAMICAL SIGNATURE OF MULTIPLE STELLAR POPULATIONS IN 47 TUCANAE. <i>Astrophysical Journal Letters</i> , 2013, 771, L15.	3.0	86
53	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters â€“ XIX. A chemical tagging of the multiple stellar populations over the chromosome maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3815-3844.	1.6	85
54	Reaching the End of the White Dwarf Cooling Sequence in NGC 67911. <i>Astrophysical Journal</i> , 2008, 678, 1279-1291.	1.6	83

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55	THE C+N+O ABUNDANCE OF ω CENTAURI GIANT STARS: IMPLICATIONS FOR THE CHEMICAL-ENRICHMENT SCENARIO AND THE RELATIVE AGES OF DIFFERENT STELLAR POPULATIONS. <i>Astrophysical Journal</i> , 2012, 746, 14.	1.6	83
56	Multiple stellar populations in Magellanic Cloud clusters – VI. A survey of multiple sequences and Be stars in young clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2640-2663.	1.6	82
57	PARALLAX BEYOND A KILOPARSEC FROM SPATIALLY SCANNING THE WIDE FIELD CAMERA 3 ON THE <i>HUBBLE SPACE TELESCOPE</i> . <i>Astrophysical Journal</i> , 2014, 785, 161.	1.6	81
58	THE END OF THE WHITE DWARF COOLING SEQUENCE IN M4: AN EFFICIENT APPROACH. <i>Astrophysical Journal</i> , 2009, 697, 965-979.	1.6	80
59	The State-of-the-art HST Astro-photometric Analysis of the Core of ω Centauri. I. The Catalog [^] . <i>Astrophysical Journal</i> , 2017, 842, 6.	1.6	80
60	The Rotation of the Globular Cluster 47 Tucanae in the Plane of the Sky. <i>Astronomical Journal</i> , 2003, 126, 772-777.	1.9	77
61	THE WFC3 GALACTIC BULGE TREASURY PROGRAM: METALLICITY ESTIMATES FOR THE STELLAR POPULATION AND EXOPLANET HOSTS. <i>Astrophysical Journal Letters</i> , 2010, 725, L19-L23.	3.0	77
62	The HST Large Programme on ω Centauri. II. Internal Kinematics. <i>Astrophysical Journal</i> , 2018, 853, 86.	1.6	73
63	The Proper Motion Field of the Small Magellanic Cloud: Kinematic Evidence for Its Tidal Disruption. <i>Astrophysical Journal</i> , 2018, 864, 55.	1.6	70
64	<i>HUBBLE SPACE TELESCOPE</i> PROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. III. DYNAMICAL DISTANCES AND MASS-TO-LIGHT RATIOS. <i>Astrophysical Journal</i> , 2015, 812, 149.	1.6	68
65	THE <i>HUBBLE SPACE TELESCOPE</i> UV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS: THE INTERNAL KINEMATICS OF THE MULTIPLE STELLAR POPULATIONS IN NGC 2808. <i>Astrophysical Journal Letters</i> , 2015, 810, L13.	3.0	68
66	<i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS OF AN OUTER FIELD IN OMEGA CENTAURI: A DEFINITIVE HELIUM ABUNDANCE. <i>Astronomical Journal</i> , 2012, 144, 5.	1.9	67
67	HUBBLE TARANTULA TREASURY PROJECT. III. PHOTOMETRIC CATALOG AND RESULTING CONSTRAINTS ON THE PROGRESSION OF STAR FORMATION IN THE 30 [^] RADIUS REGION*. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 11.	3.0	67
68	Hubble Space Telescope ASTROMETRY OF M4 AND THE GALACTIC CONSTANT V_0/R_0 . <i>Astronomical Journal</i> , 2003, 126, 247-254.	1.9	65
69	THE INTRIGUING STELLAR POPULATIONS IN THE GLOBULAR CLUSTERS NGC 6388 AND NGC 6441. <i>Astrophysical Journal</i> , 2013, 765, 32.	1.6	65
70	Probing the Faintest Stars in a Globular Star Cluster. <i>Science</i> , 2006, 313, 936-940.	6.0	60
71	Hubble Space Telescope Proper Motion (HSTPROMO) Catalogs of Galactic Globular Clusters. V. The Rapid Rotation of 47 Tuc Traced and Modeled in Three Dimensions [^] . <i>Astrophysical Journal</i> , 2017, 844, 167.	1.6	60
72	An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. <i>Astrophysical Journal</i> , 2022, 933, 83.	1.6	60

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73	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters. XV. The Dynamical Clock: Reading Cluster Dynamical Evolution from the Segregation Level of Blue Straggler Stars. <i>Astrophysical Journal</i> , 2018, 860, 36.	1.6	59
74	The Unusual Initial Mass Function of the Arches Cluster. <i>Astrophysical Journal</i> , 2019, 870, 44.	1.6	59
75	HUBBLE SPACE TELESCOPE ABSOLUTE PROPER MOTIONS OF NGC 6681 (M70) AND THE SAGITTARIUS DWARF SPHEROIDAL GALAXY. <i>Astrophysical Journal</i> , 2013, 779, 81.	1.6	58
76	HUBBLE TARANTULA TREASURY PROJECT. II. THE STAR-FORMATION HISTORY OF THE STARBURST REGION NGC 2070 IN 30 DORADUS. <i>Astrophysical Journal</i> , 2015, 811, 76.	1.6	58
77	Hubble Space Telescope Proper Motion (HSTPROMO) Catalogs of Galactic Globular Cluster. VI. Improved Data Reduction and Internal-kinematic Analysis of NGC 362. <i>Astrophysical Journal</i> , 2018, 861, 99.	1.6	58
78	DEEP ADVANCED CAMERA FOR SURVEYS IMAGING IN THE GLOBULAR CLUSTER NGC 6397: REDUCTION METHODS. <i>Astronomical Journal</i> , 2008, 135, 2114-2128.	1.9	57
79	WFIRST Exoplanet Mass-measurement Method Finds a Planetary Mass of $39^{+8}_{-8} M_{\oplus}$ for OGLE-2012-BLG-0950Lb. <i>Astronomical Journal</i> , 2018, 156, 289.	1.9	55
80	IDENTIFICATION OF FAINT CHANDRA X-RAY SOURCES IN THE CORE-COLLAPSED GLOBULAR CLUSTER NGC 6397: EVIDENCE FOR A BIMODAL CATAclysmic VARIABLE POPULATION. <i>Astrophysical Journal</i> , 2010, 722, 20-32.	1.6	52
81	Color-Magnitude Diagram and Luminosity Function of M4 near the Hydrogen-burning Limit. <i>Astrophysical Journal</i> , 2001, 560, L75-L78.	1.6	48
82	THE SPECTRAL ENERGY DISTRIBUTIONS OF WHITE DWARFS IN 47 Tucanae: THE DISTANCE TO THE CLUSTER. <i>Astronomical Journal</i> , 2012, 143, 50.	1.9	47
83	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters – IV. Helium content and relative age of multiple stellar populations within NGC 6352. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 312-322.	1.6	44
84	Hubble Tarantula Treasury Project – IV. The extinction law. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4373-4387.	1.6	44
85	PARALLAX OF GALACTIC CEPHEIDS FROM SPATIALLY SCANNING THE WIDE FIELD CAMERA 3 ON THE HUBBLE SPACE TELESCOPE: THE CASE OF SS CANIS MAJORIS. <i>Astrophysical Journal</i> , 2016, 825, 11.	1.6	44
86	The Star Blended with the MOA-2008-BLG-310 Source Is Not the Exoplanet Host Star. <i>Astronomical Journal</i> , 2017, 154, 59.	1.9	44
87	The absolute motion of the peculiar cluster NGC 6791. <i>Astronomy and Astrophysics</i> , 2006, 460, L27-L30.	2.1	43
88	The WFC3 Galactic Bulge Treasury Program: Relative Ages of Bulge Stars of High and Low Metallicity. <i>Astrophysical Journal</i> , 2018, 863, 16.	1.6	43
89	NEW INSIGHTS ON THE GALACTIC BULGE INITIAL MASS FUNCTION. <i>Astrophysical Journal</i> , 2015, 810, 8.	1.6	42
90	The ACS survey of Galactic globular clusters – XIV. Bayesian single-population analysis of 69 globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1038-1055.	1.6	42

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91	THE HUBBLE SPACE TELESCOPE UV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS. VII. IMPLICATIONS FROM THE NEARLY UNIVERSAL NATURE OF HORIZONTAL BRANCH DISCONTINUITIES*. <i>Astrophysical Journal</i> , 2016, 822, 44.	1.6	41
92	A DEEP, WIDE-FIELD, AND PANCHROMATIC VIEW OF 47 Tuc AND THE SMC WITH HST: OBSERVATIONS AND DATA ANALYSIS METHODS. <i>Astronomical Journal</i> , 2012, 143, 11.	1.9	40
93	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters â€“ XII. The RGB bumps of multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4088-4103.	1.6	40
94	The M4 Core Project with HST â€“ II. Multiple stellar populations at the bottom of the main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1588-1595.	1.6	39
95	The HST large programme on Œ Centauri â€“ I. Multiple stellar populations at the bottom of the main sequence probed in NIR-Optical. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 800-812.	1.6	39
96	The Proper-motion Field along the Magellanic Bridge: A New Probe of the LMC-SMC Interaction. <i>Astrophysical Journal</i> , 2019, 874, 78.	1.6	39
97	MICROLENSING EVENTS BY PROXIMA CENTAURI IN 2014 AND 2016: OPPORTUNITIES FOR MASS DETERMINATION AND POSSIBLE PLANET DETECTION. <i>Astrophysical Journal</i> , 2014, 782, 89.	1.6	38
98	The State-of-the-art HST Astro-photometric Analysis of the Core of Œ Centauri. III. The Main Sequence's Multiple Populations Galore*. <i>Astrophysical Journal</i> , 2017, 844, 164.	1.6	38
99	New cataclysmic variables and other exotic binaries in the globular cluster 47 Tucanae*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4841-4867.	1.6	37
100	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters. XVIII. Proper-motion Kinematics of Multiple Stellar Populations in the Core Regions of NGC 6352. <i>Astrophysical Journal</i> , 2019, 873, 109.	1.6	36
101	THE HUBBLE SPACE TELESCOPE UV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS. VIII. PRELIMINARY PUBLIC CATALOG RELEASE. <i>Astronomical Journal</i> , 2017, 153, 19.	1.9	35
102	A GALACTIC ORIGIN FOR HE 0437-5439, THE HYPERVELOCITY STAR NEAR THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal Letters</i> , 2010, 719, L23-L27.	3.0	34
103	Absolute motions of globular clusters. <i>Astronomy and Astrophysics</i> , 2006, 456, 517-522.	2.1	34
104	Hubble Space Telescope Advanced Camera for Surveys Imaging of Œ Centauri: Optical Counterpart for the Quiescent Low-Mass X-Ray Binary. <i>Astrophysical Journal</i> , 2004, 613, 512-516.	1.6	33
105	HOT HORIZONTAL BRANCH STARS IN Œ CENTAURI: CLUES ABOUT THEIR ORIGIN FROM THE CLUSTER COLOR MAGNITUDE DIAGRAM. <i>Astrophysical Journal</i> , 2009, 702, 1530-1535.	1.6	32
106	A DOUBLE WHITE-DWARF COOLING SEQUENCE IN Œ CENTAURI. <i>Astrophysical Journal Letters</i> , 2013, 769, L32.	3.0	32
107	Absolute proper motion of the Galactic open cluster M47. <i>Astronomy and Astrophysics</i> , 2010, 513, A51.	2.1	30
108	A DEEP CHANDRA X-RAY LIMIT ON THE PUTATIVE IMBH IN OMEGA CENTAURI. <i>Astrophysical Journal Letters</i> , 2013, 773, L31.	3.0	30

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109	A Chandra look at the X-ray faint millisecond pulsars in the globular cluster NGC 6752. Monthly Notices of the Royal Astronomical Society, 2014, 441, 757-768.	1.6	30
110	FIRST DETECTION OF THE WHITE DWARF COOLING SEQUENCE OF THE GALACTIC BULGE. Astrophysical Journal, 2014, 790, 164.	1.6	30
111	DEEP HUBBLE SPACE TELESCOPE IMAGING IN NGC 6397: STELLAR DYNAMICS. Astrophysical Journal, 2012, 761, 51.	1.6	29
112	HUBBLE SPACE TELESCOPE PROPER MOTIONS ALONG THE SAGITTARIUS STREAM. I. OBSERVATIONS AND RESULTS FOR STARS IN FOUR FIELDS. Astrophysical Journal, 2015, 803, 56.	1.6	29
113	Stellar Proper Motions in the Orion Nebula Cluster. Astronomical Journal, 2019, 157, 109.	1.9	29
114	Astrometry with the Wide-Field Infrared Space Telescope. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.0	28
115	HUBBLE SPACE TELESCOPE PROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. IV. KINEMATIC PROFILES AND AVERAGE MASSES OF BLUE STRAGGLER STARS. Astrophysical Journal, 2016, 827, 12.	1.6	27
116	Microlensing Constraints on the Mass of Single Stars from HST Astrometric Measurements. Astrophysical Journal, 2017, 843, 145.	1.6	26
117	The Hubble Space Telescope UV Legacy Survey of Galactic globular clusters. XIV. Multiple stellar populations within $M \leq 15$ and their radial distribution. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2004-2019.	1.6	26
118	A Kinematic View of NGC 1261: Structural Parameters, Internal Dispersion, Absolute Proper Motion, and Blue Straggler Stars. Astrophysical Journal, 2020, 895, 15.	1.6	26
119	The Star Formation History of Eridanus II: On the Role of Supernova Feedback in the Quenching of Ultrafaint Dwarf Galaxies*. Astrophysical Journal, 2021, 909, 192.	1.6	26
120	HST/ACS IMAGING OF OMEGA CENTAURI: OPTICAL COUNTERPARTS OF CHANDRA X-RAY SOURCES. Astrophysical Journal, 2013, 763, 126.	1.6	25
121	THE ARCHES CLUSTER: EXTENDED STRUCTURE AND TIDAL RADIUS. Astrophysical Journal, 2015, 813, 27.	1.6	25
122	The HST Large Programme on Ω Centauri. III. Absolute Proper Motion. Astrophysical Journal, 2018, 854, 45.	1.6	25
123	The HST Large Programme on NGC 6752. II. Multiple populations at the bottom of the main sequence probed in NIR. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4046-4053.	1.6	25
124	The Optical/Near-infrared Extinction Law in Highly Reddened Regions. Astrophysical Journal, 2018, 855, 13.	1.6	23
125	THE WFC3 GALACTIC BULGE TREASURY PROGRAM: A FIRST LOOK AT RESOLVED STELLAR POPULATION TOOLS. Astronomical Journal, 2009, 137, 3172-3180.	1.9	22
126	Circumstellar discs in Galactic centre clusters: Disc-bearing B-type stars in the Quintuplet and Arches clusters. Astronomy and Astrophysics, 2015, 578, A4.	2.1	22

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127	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters. XX. Ages of Single and Multiple Stellar Populations in Seven Bulge Globular Clusters. <i>Astrophysical Journal</i> , 2020, 891, 37.	1.6	22
128	Deep HST Imaging in 47 Tucanae: A Global Dynamical Model. <i>Astrophysical Journal</i> , 2017, 850, 186.	1.6	21
129	The Quintuplet Cluster: Extended Structure and Tidal Radius. <i>Astrophysical Journal</i> , 2019, 877, 37.	1.6	20
130	UV INSIGHTS INTO THE COMPLEX POPULATIONS OF M87 GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2015, 805, 178.	1.6	19
131	The State-of-the-art HST Astro-photometric Analysis of the Core of ω Centauri. II. Differential-reddening Map \hat{a}^{-} . <i>Astrophysical Journal</i> , 2017, 842, 7.	1.6	19
132	Identification of Faint Chandra X-Ray Sources in the Core-collapsed Globular Cluster NGC 6752. <i>Astrophysical Journal</i> , 2017, 841, 53.	1.6	18
133	HALO7D II: The Halo Velocity Ellipsoid and Velocity Anisotropy with Distant Main-sequence Stars. <i>Astrophysical Journal</i> , 2019, 879, 120.	1.6	17
134	Using Resolved Galaxies in <i>Hubble Space Telescope</i> Images to Measure Absolute Proper Motions. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 907-921.	1.0	16
135	HUBBLE SPACE TELESCOPE PROPER MOTIONS OF INDIVIDUAL STARS IN STELLAR STREAMS: ORPHAN, SAGITTARIUS, LETHE, AND THE NEW α -PARALLEL STREAM. <i>Astrophysical Journal</i> , 2016, 833, 235.	1.6	16
136	Spectral Energy Distribution of Blue Stragglers in the Core of 47 Tucanae. <i>Astrophysical Journal</i> , 2019, 879, 56.	1.6	16
137	The Hubble Space Telescope UV Legacy Survey of Galactic globular clusters ω XXI. Binaries among multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5457-5469.	1.6	15
138	2D kinematics of massive stars near the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3213-3239.	1.6	14
139	The M 4 Core Project with HST: I. Overview and first epoch. <i>Astronomische Nachrichten</i> , 2013, 334, 1062-1085.	0.6	13
140	GaiaHub: A Method for Combining Data from the Gaia and Hubble Space Telescopes to Derive Improved Proper Motions for Faint Stars. <i>Astrophysical Journal</i> , 2022, 933, 76.	1.6	11
141	A Search for Black Hole Microlensing Signatures in Globular Cluster NGC 6656 (M22). <i>Astrophysical Journal</i> , 2018, 867, 37.	1.6	10
142	The <i>HST</i> large programme on ω Centauri ω IV. Catalogue of two external fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3549-3561.	1.6	9
143	A deep search for faint <i>Chandra</i> X-ray sources, radio sources, and optical counterparts in NGC 6752. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2823-2847.	1.6	9
144	The HST large programme on NGC 6752 ω III. Detection of the peak of the white dwarf luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3857-3865.	1.6	6

#	ARTICLE	IF	CITATIONS
145	The HST Large Program on $\bar{\omega}$ Centauri. V. Exploring the Ultracool Dwarf Population with Stellar Atmosphere and Evolutionary Modeling. <i>Astrophysical Journal</i> , 2022, 930, 24.	1.6	6
146	Comparing Observed Stellar Kinematics and Surface Densities in a Low-latitude Bulge Field to Galactic Population Synthesis Models. <i>Astrophysical Journal</i> , 2020, 889, 126.	1.6	5
147	Radial Velocity Monitoring of the Young Star Hubble 4: Disentangling Star-spot Lifetimes from Orbital Motion*. <i>Astrophysical Journal</i> , 2021, 910, 33.	1.6	4
148	A Comprehensive Astrometric Calibration of HST's WFPC2. I. Distortion Mapping. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 064505.	1.0	3
149	Imprints of evolution on the internal kinematics of Globular Clusters. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 544-548.	0.0	0