

# Jay Anderson

## List of Publications by Citations

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146  
papers

12,224  
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61  
h-index

108  
g-index

152  
ext. papers

13,345  
ext. citations

5.1  
avg, IF

6.07  
L-index

#	Paper	IF	Citations
146	A Triple Main Sequence in the Globular Cluster NGC 2808. <i>Astrophysical Journal</i> , <b>2007</b> , 661, L53-L56	4.7	544
145	Centauri: The Population Puzzle Goes Deeper. <i>Astrophysical Journal</i> , <b>2004</b> , 605, L125-L128	4.7	445
144	The ACS Survey of Galactic Globular Clusters. I. Overview and Clusters without Previous Hubble Space Telescope Photometry. <i>Astronomical Journal</i> , <b>2007</b> , 133, 1658-1672	4.9	378
143	Metallicities on the Double Main Sequence of $\Omega$ Centauri Imply Large Helium Enhancement. <i>Astrophysical Journal</i> , <b>2005</b> , 621, 777-784	4.7	368
142	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VII. RELATIVE AGES. <i>Astrophysical Journal</i> , <b>2009</b> , 694, 1498-1516	4.7	363
141	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. IX. HORIZONTAL BRANCH MORPHOLOGY AND THE SECOND PARAMETER PHENOMENON. <i>Astrophysical Journal</i> , <b>2010</b> , 708, 698-716	4.7	331
140	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> , <b>2015</b> , 149, 91	4.9	325
139	THIRD-EPOCH MAGELLANIC CLOUD PROPER MOTIONS. I. HUBBLE SPACE TELESCOPE/WFC3 DATA AND ORBIT IMPLICATIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 764, 161	4.7	322
138	The ACS survey of Galactic globular clusters. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 540, A16	5.1	300
137	THE ACS SURVEY OF GLOBULAR CLUSTERS. V. GENERATING A COMPREHENSIVE STAR CATALOG FOR EACH CLUSTER. <i>Astronomical Journal</i> , <b>2008</b> , 135, 2055-2073	4.9	286
136	New Parallaxes of Galactic Cepheids from Spatially Scanning the Hubble Space Telescope: Implications for the Hubble Constant. <i>Astrophysical Journal</i> , <b>2018</b> , 855, 136	4.7	280
135	The Hubble Space Telescope UV Legacy Survey of Galactic globular clusters IX. The Atlas of multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 3636-3656	4.3	257
134	Microlens OGLE-2005-BLG-169 Implies That Cool Neptune-like Planets Are Common. <i>Astrophysical Journal</i> , <b>2006</b> , 644, L37-L40	4.7	249
133	The ACS Survey of Galactic Globular Clusters. III. The Double Subgiant Branch of NGC 1851. <i>Astrophysical Journal</i> , <b>2008</b> , 673, 241-250	4.7	228
132	MULTIPLE STELLAR POPULATIONS IN $\omega$ Tucanae. <i>Astrophysical Journal</i> , <b>2012</b> , 744, 58	4.7	213
131	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters IV. Constraints on formation scenarios. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 4197-4207	4.3	210
130	Toward High-Precision Astrometry with WFC2. I. Deriving an Accurate Point-Spread Function. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2000</b> , 112, 1360-1382	5	190

129	An Empirical Pixel-Based Correction for Imperfect CTE. I.HST's Advanced Camera for Surveys1. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2010</b> , 122, 1035-1064	5	177
128	IMPROVING GALACTIC CENTER ASTROMETRY BY REDUCING THE EFFECTS OF GEOMETRIC DISTORTION. <i>Astrophysical Journal</i> , <b>2010</b> , 725, 331-352	4-7	173
127	NEW LIMITS ON AN INTERMEDIATE-MASS BLACK HOLE IN OMEGA CENTAURI. I.HUBBLE SPACE TELESCOPEPHOTOMETRY AND PROPER MOTIONS. <i>Astrophysical Journal</i> , <b>2010</b> , 710, 1032-1062	4-7	164
126	The Multiplicity of the Subgiant Branch of $\Omega$ Centauri: Evidence for Prolonged Star Formation. <i>Astrophysical Journal</i> , <b>2007</b> , 663, 296-314	4-7	156
125	NEW LIMITS ON AN INTERMEDIATE-MASS BLACK HOLE IN OMEGA CENTAURI. II. DYNAMICAL MODELS. <i>Astrophysical Journal</i> , <b>2010</b> , 710, 1063-1088	4-7	152
124	Hubble Space Telescope Proper Motions and Stellar Dynamics in the Core of the Globular Cluster 47 Tucanae. <i>Astrophysical Journal, Supplement Series</i> , <b>2006</b> , 166, 249-297	8	142
123	Stellar Proper Motions in the Galactic Bulge from DeepHubble Space TelescopeACS WFC Photometry. <i>Astrophysical Journal</i> , <b>2008</b> , 684, 1110-1142	4-7	140
122	Transforming observational data and theoretical isochrones into the ACS/WFC Vega-mag system. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2005</b> , 357, 1038-1048	4-3	140
121	A WFC3/HSTVIEW OF THE THREE STELLAR POPULATIONS IN THE GLOBULAR CLUSTER NGC 6752. <i>Astrophysical Journal</i> , <b>2013</b> , 767, 120	4-7	133
120	OGLE-2005-BLG-0711b, THE MOST MASSIVE M DWARF PLANETARY COMPANION?. <i>Astrophysical Journal</i> , <b>2009</b> , 695, 970-987	4-7	133
119	THEHUBBLE SPACE TELESCOPEUV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS. III. A QUINTUPLE STELLAR POPULATION IN NGC 2808. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 51	4-7	132
118	The Double Subgiant Branch of NGC 1851: The Role of the CNO Abundance. <i>Astrophysical Journal</i> , <b>2008</b> , 672, L115-L118	4-7	128
117	Astrometry and Photometry withHSTWFC3. II. Improved Geometric-Distortion Corrections for 10 Filters of the UVIS Channel1. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2011</b> , 123, 622-637	5	125
116	HUBBLE SPACE TELESCOPEPROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. I. SAMPLE SELECTION, DATA REDUCTION, AND NGC 7078 RESULTS. <i>Astrophysical Journal</i> , <b>2014</b> , 797, 115	4-7	122
115	HUBBLE SPACE TELESCOPE REVEALS MULTIPLE SUB-GIANT BRANCH IN EIGHT GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , <b>2012</b> , 760, 39	4-7	122
114	SODIUM&OXYGEN ANTICORRELATION AND NEUTRON-CAPTURE ELEMENTS IN OMEGA CENTAURI STELLAR POPULATIONS. <i>Astrophysical Journal</i> , <b>2011</b> , 731, 64	4-7	121
113	An Improved Distortion Solution for theHubble Space Telescope's WFC2. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2003</b> , 115, 113-131	5	119
112	HUBBLE SPACE TELESCOPEPROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. II. KINEMATIC PROFILES AND MAPS. <i>Astrophysical Journal</i> , <b>2015</b> , 803, 29	4-7	110

111	CONFIRMATION OF THE PLANETARY MICROLENSING SIGNAL AND STAR AND PLANET MASS DETERMINATIONS FOR EVENT OGLE-2005-BLG-169. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 169	4.7	108
110	Ground-based CCD astrometry with wide field imagers. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 454, 1029-1045	5.1	108
109	Identification of the OGLE-2003-BLG-235/MOA-2003-BLG-53 Planetary Host Star. <i>Astrophysical Journal</i> , <b>2006</b> , 647, L171-L174	4.7	106
108	The Hubble Space Telescope UV legacy survey of galactic globular clusters LXVI. The helium abundance of multiple populations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 5098-5122	4.2	103
107	THE FIRST DETECTION OF BLUE STRAGGLER STARS IN THE MILKY WAY BULGE. <i>Astrophysical Journal</i> , <b>2011</b> , 735, 37	4.7	98
106	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. X. NEW DETERMINATIONS OF CENTERS FOR 65 CLUSTERS. <i>Astronomical Journal</i> , <b>2010</b> , 140, 1830-1837	4.9	96
105	The Hubble Space Telescope UV Legacy Survey of galactic globular clusters III. The seven stellar populations of NGC 7089 (M2)??. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 927-938	4.3	94
104	THE M31 VELOCITY VECTOR. I. HUBBLE SPACE TELESCOPE PROPER-MOTION MEASUREMENTS. <i>Astrophysical Journal</i> , <b>2012</b> , 753, 7	4.7	88
103	Radial distribution of the multiple stellar populations in $\omega$ Centauri. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 507, 1393-1408	5.1	87
102	Characterization of Gravitational Microlensing Planetary Host Stars. <i>Astrophysical Journal</i> , <b>2007</b> , 660, 781-790	4.7	85
101	Ground-based CCD astrometry with wide field imagers. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 493, 959-978	5.1	84
100	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VIII. EFFECTS OF ENVIRONMENT ON GLOBULAR CLUSTER GLOBAL MASS FUNCTIONS. <i>Astronomical Journal</i> , <b>2010</b> , 139, 476-491	4.9	81
99	Relativistic deflection of background starlight measures the mass of a nearby white dwarf star. <i>Science</i> , <b>2017</b> , 356, 1046-1050	33.3	75
98	THE FIRST CIRCUMBINARY PLANET FOUND BY MICROLENSING: OGLE-2007-BLG-349L(AB)c. <i>Astronomical Journal</i> , <b>2016</b> , 152, 125	4.9	75
97	A DYNAMICAL SIGNATURE OF MULTIPLE STELLAR POPULATIONS IN 47 TUCANAE. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 771, L15	7.9	75
96	THE C+N+O ABUNDANCE OF $\omega$ CENTAURI GIANT STARS: IMPLICATIONS FOR THE CHEMICAL-ENRICHMENT SCENARIO AND THE RELATIVE AGES OF DIFFERENT STELLAR POPULATIONS. <i>Astrophysical Journal</i> , <b>2012</b> , 746, 14	4.7	74
95	The Rotation of the Globular Cluster 47 Tucanae in the Plane of the Sky. <i>Astronomical Journal</i> , <b>2003</b> , 126, 772-777	4.9	73
94	Reaching the End of the White Dwarf Cooling Sequence in NGC 6791. <i>Astrophysical Journal</i> , <b>2008</b> , 678, 1279-1291	4.7	70

93	A Multimass Velocity Dispersion Model of 47 Tucanae Indicates No Evidence for an Intermediate-mass Black Hole. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 1	4-7	69
92	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters [XVII]. Public Catalogue Release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 3382-3393	4-3	69
91	PARALLAX BEYOND A KILOPARSEC FROM SPATIALLY SCANNING THE WIDE FIELD CAMERA 3 ON THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , <b>2014</b> , 785, 161	4-7	67
90	THE END OF THE WHITE DWARF COOLING SEQUENCE IN M4: AN EFFICIENT APPROACH. <i>Astrophysical Journal</i> , <b>2009</b> , 697, 965-979	4-7	66
89	THE WFC3 GALACTIC BULGE TREASURY PROGRAM: METALLICITY ESTIMATES FOR THE STELLAR POPULATION AND EXOPLANET HOSTS. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 725, L19-L23	7-9	63
88	Hubble Space Telescope ASTROMETRY OF M4 AND THE GALACTIC CONSTANT $V_0/R_0$ . <i>Astronomical Journal</i> , <b>2003</b> , 126, 247-254	4-9	63
87	HUBBLE SPACE TELESCOPE PROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. III. DYNAMICAL DISTANCES AND MASS-TO-LIGHT RATIOS. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 149	4-7	62
86	HUBBLE SPACE TELESCOPE OBSERVATIONS OF AN OUTER FIELD IN OMEGA CENTAURI: A DEFINITIVE HELIUM ABUNDANCE. <i>Astronomical Journal</i> , <b>2012</b> , 144, 5	4-9	61
85	The HST Large Programme on $\omega$ Centauri. II. Internal Kinematics. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 86	4-7	59
84	THE HUBBLE SPACE TELESCOPE UV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS: THE INTERNAL KINEMATICS OF THE MULTIPLE STELLAR POPULATIONS IN NGC 2808. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 810, L13	7-9	58
83	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> , <b>2018</b> , 477, 2640-2663	4-3	58
82	The State-of-the-art HST Astro-photometric Analysis of the Core of $\omega$ Centauri. I. The Catalog. <i>Astrophysical Journal</i> , <b>2017</b> , 842, 6	4-7	57
81	THE INTRIGUING STELLAR POPULATIONS IN THE GLOBULAR CLUSTERS NGC 6388 AND NGC 6441. <i>Astrophysical Journal</i> , <b>2013</b> , 765, 32	4-7	57
80	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters [XIX]. A chemical tagging of the multiple stellar populations over the chromosome maps. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 3815-3844	4-3	55
79	Probing the faintest stars in a globular star cluster. <i>Science</i> , <b>2006</b> , 313, 936-40	33-3	55
78	HUBBLE SPACE TELESCOPE ABSOLUTE PROPER MOTIONS OF NGC 6681 (M70) AND THE SAGITTARIUS DWARF SPHEROIDAL GALAXY. <i>Astrophysical Journal</i> , <b>2013</b> , 779, 81	4-7	54
77	DEEP ADVANCED CAMERA FOR SURVEYS IMAGING IN THE GLOBULAR CLUSTER NGC 6397: REDUCTION METHODS. <i>Astronomical Journal</i> , <b>2008</b> , 135, 2114-2128	4-9	53
76	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> , <b>2017</b> , 844, 167	4-7	52

75	HUBBLE TARANTULA TREASURY PROJECT. III. PHOTOMETRIC CATALOG AND RESULTING CONSTRAINTS ON THE PROGRESSION OF STAR FORMATION IN THE 30 DORADUS REGION. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 222, 11	8	51
74	Color-Magnitude Diagram and Luminosity Function of M4 near the Hydrogen-burning Limit. <i>Astrophysical Journal</i> , <b>2001</b> , 560, L75-L78	4.7	48
73	THE SPECTRAL ENERGY DISTRIBUTIONS OF WHITE DWARFS IN 47 Tucanae: THE DISTANCE TO THE CLUSTER. <i>Astronomical Journal</i> , <b>2012</b> , 143, 50	4.9	46
72	HUBBLE TARANTULA TREASURY PROJECT. II. THE STAR-FORMATION HISTORY OF THE STARBURST REGION NGC 2070 IN 30 DORADUS. <i>Astrophysical Journal</i> , <b>2015</b> , 811, 76	4.7	45
71	IDENTIFICATION OF FAINTCHANDRAX-RAY SOURCES IN THE CORE-COLLAPSED GLOBULAR CLUSTER NGC 6397: EVIDENCE FOR A BIMODAL CATAclysmic VARIABLE POPULATION. <i>Astrophysical Journal</i> , <b>2010</b> , 722, 20-32	4.7	44
70	The Proper Motion Field of the Small Magellanic Cloud: Kinematic Evidence for Its Tidal Disruption. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 55	4.7	44
69	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> , <b>2018</b> , 861, 99	4.7	43
68	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> , <b>2015</b> , 451, 312-322	4.3	43
67	The absolute motion of the peculiar cluster NGC 6791. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 460, L27-L30	5.1	42
66	WFIRST Exoplanet Mass-measurement Method Finds a Planetary Mass of $39 \pm 8 M_{\oplus}$ for OGLE-2012-BLG-0950Lb. <i>Astronomical Journal</i> , <b>2018</b> , 156, 289	4.9	40
65	The Star Blended with the MOA-2008-BLG-310 Source Is Not the Exoplanet Host Star. <i>Astronomical Journal</i> , <b>2017</b> , 154, 59	4.9	37
64	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters [XII]. The RGB bumps of multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4088-4103	4.3	37
63	NEW INSIGHTS ON THE GALACTIC BULGE INITIAL MASS FUNCTION. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 8	4.7	36
62	The M4 Core Project with HST [II]. Multiple stellar populations at the bottom of the main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 439, 1588-1595	4.3	36
61	A DEEP, WIDE-FIELD, AND PANCHROMATIC VIEW OF 47 Tuc AND THE SMC WITH HST: OBSERVATIONS AND DATA ANALYSIS METHODS. <i>Astronomical Journal</i> , <b>2012</b> , 143, 11	4.9	36
60	The Unusual Initial Mass Function of the Arches Cluster. <i>Astrophysical Journal</i> , <b>2019</b> , 870, 44	4.7	36
59	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> , <b>2016</b> , 825, 11	4.7	35
58	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> , <b>2018</b> , 860, 36	4.7	35

57	Hubble Tarantula Treasury Project IV. The extinction law. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 4373-4387	4-3	33
56	THE HUBBLE SPACE TELESCOPE UV LEGACY SURVEY OF GALACTIC GLOBULAR CLUSTERS. VIII. PRELIMINARY PUBLIC CATALOG RELEASE. <i>Astronomical Journal</i> , <b>2017</b> , 153, 19	4-9	32
55	Hubble Space Telescope Advanced Camera for Surveys Imaging of $\omega$ Centauri: Optical Counterpart for the Quiescent Low-Mass X-Ray Binary. <i>Astrophysical Journal</i> , <b>2004</b> , 613, 512-516	4-7	32
54	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> , <b>2016</b> , 822, 44	4-7	32
53	Absolute motions of globular clusters. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 456, 517-522	5-1	32
52	The HST large programme on $\omega$ Centauri II. Multiple stellar populations at the bottom of the main sequence probed in NIR optical. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 800-812	4-3	31
51	The State-of-the-art HST Astro-photometric Analysis of the Core of $\omega$ Centauri. III. The Main Sequence's Multiple Populations Galore. <i>Astrophysical Journal</i> , <b>2017</b> , 844, 164	4-7	31
50	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> , <b>2017</b> , 468, 1038-1055	4-3	31
49	MICROLENSING EVENTS BY PROXIMA CENTAURI IN 2014 AND 2016: OPPORTUNITIES FOR MASS DETERMINATION AND POSSIBLE PLANET DETECTION. <i>Astrophysical Journal</i> , <b>2014</b> , 782, 89	4-7	31
48	A GALACTIC ORIGIN FOR HE 0437B439, THE HYPERVELOCITY STAR NEAR THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 719, L23-L27	7-9	31
47	HOT HORIZONTAL BRANCH STARS IN $\omega$ CENTAURI: CLUES ABOUT THEIR ORIGIN FROM THE CLUSTER COLOR MAGNITUDE DIAGRAM. <i>Astrophysical Journal</i> , <b>2009</b> , 702, 1530-1535	4-7	31
46	HUBBLE SPACE TELESCOPE PROPER MOTIONS ALONG THE SAGITTARIUS STREAM. I. OBSERVATIONS AND RESULTS FOR STARS IN FOUR FIELDS. <i>Astrophysical Journal</i> , <b>2015</b> , 803, 56	4-7	29
45	Absolute proper motion of the Galactic open cluster M67. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 513, A51	5-1	29
44	The WFC3 Galactic Bulge Treasury Program: Relative Ages of Bulge Stars of High and Low Metallicity. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 16	4-7	29
43	A DEEP CHANDRA X-RAY LIMIT ON THE PUTATIVE IMBH IN OMEGA CENTAURI. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 773, L31	7-9	28
42	The Proper-motion Field along the Magellanic Bridge: A New Probe of the LMC-BMC Interaction. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 78	4-7	27
41	DEEP HUBBLE SPACE TELESCOPE IMAGING IN NGC 6397: STELLAR DYNAMICS. <i>Astrophysical Journal</i> , <b>2012</b> , 761, 51	4-7	27
40	A Chandra look at the X-ray faint millisecond pulsars in the globular cluster NGC 6752. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 441, 757-768	4-3	26

39	A DOUBLE WHITE-DWARF COOLING SEQUENCE IN $\omega$ CENTAURI. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 769, L32	7.9	26
38	HUBBLE SPACE TELESCOPE PROPER MOTION (HSTPROMO) CATALOGS OF GALACTIC GLOBULAR CLUSTERS. IV. KINEMATIC PROFILES AND AVERAGE MASSES OF BLUE STRAGGLER STARS. <i>Astrophysical Journal</i> , <b>2016</b> , 827, 12	4.7	24
37	New cataclysmic variables and other exotic binaries in the globular cluster 47 Tucanae*. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4841-4867	4.3	24
36	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> , <b>2019</b> , 873, 109	4.7	23
35	FIRST DETECTION OF THE WHITE DWARF COOLING SEQUENCE OF THE GALACTIC BULGE. <i>Astrophysical Journal</i> , <b>2014</b> , 790, 164	4.7	22
34	Stellar Proper Motions in the Orion Nebula Cluster. <i>Astronomical Journal</i> , <b>2019</b> , 157, 109	4.9	21
33	The HST Large Programme on $\omega$ Centauri. III. Absolute Proper Motion. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 45	4.7	20
32	The Optical/Near-infrared Extinction Law in Highly Reddened Regions. <i>Astrophysical Journal</i> , <b>2018</b> , 855, 13	4.7	20
31	The Hubble Space Telescope UV Legacy Survey of Galactic globular clusters [XIV]. Multiple stellar populations within M 15 and their radial distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 2004-2019	4.3	20
30	THE ARCHES CLUSTER: EXTENDED STRUCTURE AND TIDAL RADIUS. <i>Astrophysical Journal</i> , <b>2015</b> , 813, 27	4.7	20
29	HST/ACS IMAGING OF OMEGA CENTAURI: OPTICAL COUNTERPARTS OF CHANDRAX-RAY SOURCES. <i>Astrophysical Journal</i> , <b>2013</b> , 763, 126	4.7	19
28	THE WFC3 GALACTIC BULGE TREASURY PROGRAM: A FIRST LOOK AT RESOLVED STELLAR POPULATION TOOLS. <i>Astronomical Journal</i> , <b>2009</b> , 137, 3172-3180	4.9	19
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