Henry C Ferguson

List of Publications by Year
in descending order

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100 papers	20,469 citations	18436 62 h-index	33814 99 g-index
101 all docs	101 docs citations	101 times ranked	7031 citing authors

#	Article	IF	Citations
1	Deep Realistic Extragalactic Model (DREaM) Galaxy Catalogs: Predictions for a Roman Ultra-deep Field. Astrophysical Journal, 2022, 926, 194.	1.6	16
2	On the Stellar Populations of Galaxies at z = 9â€“11: The Growth of Metals and Stellar Mass at Early Times. Astrophysical Journal, 2022, 927, 170.	1.6	73
3	The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters. Astrophysical Journal, Supplement Series, 2022, 260, 1.	3.0	62
4	Searching for Islands of Reionization: A Potential Ionized Bubble Powered by a Spectroscopic Overdensity at z = 8.7. Astrophysical Journal, 2022, 930, 104.	1.6	29
5	The Low-redshift Lyman Continuum Survey. II. New Insights into LyC Diagnostics. Astrophysical Journal, 2022, 930, 126.	1.6	48
6	An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. Astrophysical Journal, 2022, 933, 83.	1.6	60
7	Extending the evolution of the stellar massâ€“size relation at z â‰ 2 to low stellar mass galaxies from HFF and CANDELS. Monthly Notices of the Royal Astronomical Society, 2021, 506, 928-956.	1.6	40
8	Mock light-cones and theory friendly catalogues for the CANDELS survey. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4858-4876.	1.6	35
9	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. Astrophysical Journal, 2020, 897, 102.	1.6	66
10	The Semiforbidden C iii] Î»1909 Emission in the Rest-ultraviolet Spectra of Green Pea Galaxies. Astrophysical Journal, 2020, 896, 170.	1.6	22
11	Large-scale Structures in the CANDELS Fields: The Role of the Environment in Star Formation Activity. Astrophysical Journal, 2020, 890, 7.	1.6	37
12	HST Imaging of the Ionizing Radiation from a Star-forming Galaxy at zÂ=Â3.794. Astrophysical Journal, 2020, 888, 109.	1.6	34
13	Selection of Massive Evolved Galaxies at 3 â‰ z â‰ 4.5 in the CANDELS Fields. Astrophysical Journal, 2020, 897, 44.	1.6	16
14	CLEAR. II. Evidence for Early Formation of the Most Compact Quiescent Galaxies at High Redshift. Astrophysical Journal, 2020, 898, 171.	1.6	45
15	The Star Formation Rateâ€“Radius Connection: Data and Implications for Wind Strength and Halo Concentration. Astrophysical Journal, 2020, 899, 93.	1.6	8
16	Evolution of the Gas Mass Fraction of Progenitors to Todayâ€™s Massive Galaxies: ALMA Observations in the CANDELS GOODS-S Field. Astrophysical Journal, 2019, 878, 83.	1.6	13
17	Texas Spectroscopic Search for LyÎ± Emission at the End of Reionization. II. The Deepest Near-infrared Spectroscopic Observation at zÂâ‰³Â7. Astrophysical Journal, 2019, 877, 146.	1.6	16
18	CLEAR. I. Ages and Metallicities of Quiescent Galaxies at 1.0Â<ÂzÂ<Â1.8 Derived from Deep Hubble Space Telescope Grism Data. Astrophysical Journal, 2019, 870, 133.	1.6	57

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19	Nonparametric Star Formation History Reconstruction with Gaussian Processes. I. Counting Major Episodes of Star Formation. Astrophysical Journal, 2019, 879, 116.	1.6	81
20	The Intrinsic Characteristics of Galaxies on the SFRâ€“M_{âˆ—} Plane at 1.2 < z < 4: I. The Correlation between Stellar Age, Central Density, and Position Relative to the Main Sequence. Astrophysical Journal, 2018, 853, 131.	1.6	50
21	Type Ia Supernova Distances at Redshift >1.5 from the Hubble Space Telescope Multi-cycle Treasury Programs: The Early Expansion Rate. Astrophysical Journal, 2018, 853, 126.	1.6	168
22	Galaxy Inclination and the IRXâ€“Î² Relation: Effects on UV Star Formation Rate Measurements at Intermediate to High Redshifts. Astrophysical Journal, 2018, 869, 161.	1.6	18
23	Demographics of Star-forming Galaxies since zÂâˆ¼Â2.5. I. The UVJ Diagram in CANDELS. Astrophysical Journal, 2018, 858, 100.	1.6	79
24	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxyâ€“galaxy pairs from zÂ=Â3 to zÂâˆ¼Â0. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1549-1573.	1.6	65
25	Clumpy Galaxies in CANDELS. II. Physical Properties of UV-bright Clumps at 0.5Ââ‰ÂzÂ<Â3. Astrophysical Journal, 2018, 853, 108.	1.6	71
26	Evidence of Environmental Quenching at Redshift zÂâ‰ˆÂ2. Astrophysical Journal, 2018, 862, 135.	1.6	25
27	The ISLAndS Project. II. The Lifetime Star Formation Histories of Six Andromeda dSphs*. Astrophysical Journal, 2017, 837, 102.	1.6	65
28	CANDELS Sheds Light on the Environmental Quenching of Low-mass Galaxies. Astrophysical Journal Letters, 2017, 841, L22.	3.0	23
29	Relations between the Sizes of Galaxies and Their Dark Matter Halos at Redshifts 0Â<ÂzÂ<Â3. Astrophysical Journal, 2017, 838, 6.	1.6	65
30	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS COSMOS SURVEY FIELD. Astrophysical Journal, Supplement Series, 2017, 228, 7.	3.0	95
31	EVIDENCE FOR REDUCED SPECIFIC STAR FORMATION RATES IN THE CENTERS OF MASSIVE GALAXIES AT zÂ=Â4. Astrophysical Journal, 2017, 834, 81.	1.6	17
32	The IRXâ€“Î² Relation: Insights from Simulations. Astrophysical Journal, 2017, 840, 15.	1.6	31
33	The relationship between star formation activity and galaxy structural properties in CANDELS and a semi-analytic model. Monthly Notices of the Royal Astronomical Society, 2017, 465, 619-640.	1.6	41
34	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2054-2084.	1.6	63
35	Effect of Local Environment and Stellar Mass on Galaxy Quenching and Morphology at 0.5 < z < 2.0[*]. Astrophysical Journal, 2017, 847, 134.	1.6	106
36	THE EVOLUTION OF THE GALAXY STELLAR MASS FUNCTION AT z = 4â€“8: A STEEPENING LOW-MASS-END SLOPE WITH INCREASING REDSHIFT. Astrophysical Journal, 2016, 825, 5.	1.6	243

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37	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. Astrophysical Journal, 2016, 832, 79.	1.6	99
38	EVOLUTION OF INTRINSIC SCATTER IN THE SFRâ€"STELLAR MASS CORRELATION AT 0.5 < z < 3. Astrophysical Journal Letters, 2016, 820, L1.	3.0	65
39	BREAKING THE CURVE WITH CANDELS: A BAYESIAN APPROACH TO REVEAL THE NON-UNIVERSALITY OF THE DUST-ATTENUATION LAW AT HIGH REDSHIFT. Astrophysical Journal, 2016, 827, 20.	1.6	98
40	WHAT SHAPES THE FAR-INFRARED SPECTRAL ENERGY DISTRIBUTIONS OF GALAXIES?. Astrophysical Journal, 2016, 818, 62.	1.6	21
41	THE EVOLUTION OF THE GALAXY REST-FRAME ULTRAVIOLET LUMINOSITY FUNCTION OVER THE FIRST TWO BILLION YEARS. Astrophysical Journal, 2015, 810, 71.	1.6	524
42	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2015, 814, 95.	1.6	54
43	A WFC3 GRISM EMISSION LINE REDSHIFT CATALOG IN THE GOODS-SOUTH FIELD. Astronomical Journal, 2015, 149, 178.	1.9	43
44	Quenching and morphological transformation in semi-analytic models and CANDELS. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2933-2956.	1.6	59
45	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT 3.5 â©½zâ©½ 6.5 IN CANDELS. Astrophysical Journal, 2015, 799, 183.	1.6	253
46	THE INTERSTELLAR MEDIUM AND FEEDBACK IN THE PROGENITORS OF THE COMPACT PASSIVE GALAXIES ATzâˆ¼ 2. Astrophysical Journal, 2015, 800, 21.	1.6	24
47	A NOVEL TECHNIQUE TO IMPROVE PHOTOMETRY IN CONFUSED IMAGES USING GRAPHS AND BAYESIAN PRIORS. Astrophysical Journal, 2015, 798, 91.	1.6	16
48	CLUMPY GALAXIES IN CANDELS. I. THE DEFINITION OF UV CLUMPS AND THE FRACTION OF CLUMPY GALAXIES AT 0.5 <<i>z</i>< 3. Astrophysical Journal, 2015, 800, 39.	1.6	172
49	A DEEPHUBBLE SPACE TELESCOPEAND KECK SEARCH FOR DEFINITIVE IDENTIFICATION OF LYMAN CONTINUUM EMITTERS AT cic>âˆ¼3.1. Astrophysical Journal, 2015, 804, 17.	1.6	105
50	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. Astrophysical Journal, 2015, 808, 101.	1.6	106
51	UVUDF: ULTRAVIOLET THROUGH NEAR-INFRARED CATALOG AND PHOTOMETRIC REDSHIFTS OF GALAXIES IN THE HUBBLE ULTRA DEEP FIELD. Astronomical Journal, 2015, 150, 31.	1.9	139
52	TYPE Ia SUPERNOVA RATE MEASUREMENTS TO REDSHIFT 2.5 FROM CANDELS: SEARCHING FOR PROMPT EXPLOSIONS IN THE EARLY UNIVERSE. Astronomical Journal, 2014, 148, 13.	1.9	121
53	THE QUENCHING OF THE ULTRA-FAINT DWARF GALAXIES IN THE REIONIZATION ERA. Astrophysical Journal, 2014, 796, 91.	1.6	265
54	COMPARING M31 AND MILKY WAY SATELLITES: THE EXTENDED STAR FORMATION HISTORIES OF ANDROMEDA II AND ANDROMEDA XVI. Astrophysical Journal, 2014, 789, 24.	1.6	35

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55	THE PROGENITORS OF THE COMPACT EARLY-TYPE GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 780, 1.	1.6	103
56	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. Astrophysical Journal, 2014, 785, 111.	1.6	38
57	CANDELS/GOODS-S, CDFS, AND ECDFS: PHOTOMETRIC REDSHIFTS FOR NORMAL AND X-RAY-DETECTED GALAXIES. Astrophysical Journal, 2014, 796, 60.	1.6	117
58	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
59	BULGE GROWTH AND QUENCHING SINCEz= 2.5 IN CANDELS/3D-HST. Astrophysical Journal, 2014, 788, 11.	1.6	244
60	THE ACS LCID PROJECT. X. THE STAR FORMATION HISTORY OF IC 1613: REVISITING THE OVER-COOLING PROBLEM. Astrophysical Journal, 2014, 786, 44.	1.6	64
61	SEMI-ANALYTIC MODELS FOR THE CANDELS SURVEY: COMPARISON OF PREDICTIONS FOR INTRINSIC GALAXY PROPERTIES. Astrophysical Journal, 2014, 795, 123.	1.6	91
62	NO MORE ACTIVE GALACTIC NUCLEI IN CLUMPY DISKS THAN IN SMOOTH GALAXIES ATzâˆ¼ 2 IN CANDELS/3D-HST. Astrophysical Journal, 2014, 793, 101.	1.6	18
63	KILOPARSEC-SCALE PROPERTIES OF EMISSION-LINE GALAXIES. Astrophysical Journal, 2014, 797, 108.	1.6	28
64	THE DISCOVERY OF THE MOST DISTANT KNOWN TYPE Ia SUPERNOVA AT REDSHIFT 1.914. Astrophysical Journal, 2013, 768, 166.	1.6	66
65	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE DETECTION AND PHOTOMETRY IN THE GOODS-SOUTH FIELD. Astrophysical Journal, Supplement Series, 2013, 207, 24.	3.0	400
66	CANDELS: THE CORRELATION BETWEEN GALAXY MORPHOLOGY AND STAR FORMATION ACTIVITY ATzâˆ¼ 2. Astrophysical Journal, 2013, 774, 47.	1.6	64
67	A CRITICAL ASSESSMENT OF PHOTOMETRIC REDSHIFT METHODS: A CANDELS INVESTIGATION. Astrophysical Journal, 2013, 775, 93.	1.6	290
68	A CANDELS-3D-HST SYNERGY: RESOLVED STAR FORMATION PATTERNS AT 0.7 <<i>z</i>< 1.5. Astrophysical Journal, 2013, 779, 135.	1.6	202
69	UVUDF: ULTRAVIOLET IMAGING OF THE HUBBLE ULTRA DEEP FIELD WITH WIDE-FIELD CAMERA 3. Astronomical Journal, 2013, 146, 159.	1.9	65
70	CANDELS MULTIWAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS UKIDSS ULTRA-DEEP SURVEY FIELD. Astrophysical Journal, Supplement Series, 2013, 206, 10.	3.0	252
71	THE BIVARIATE SIZE-LUMINOSITY RELATIONS FOR LYMAN BREAK GALAXIES ATzâˆ¼ 4-5. Astrophysical Journal, 2013, 765, 68.	1.6	64
72	CANDELS: THE PROGENITORS OF COMPACT QUIESCENT GALAXIES ATzâˆ¼ 2. Astrophysical Journal, 2013, 765, 104.	1.6	367

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73	CANDELS: CORRELATIONS OF SPECTRAL ENERGY DISTRIBUTIONS AND MORPHOLOGIES WITH STAR FORMATION STATUS FOR MASSIVE GALAXIES ATzâˆ¼ 2. Astrophysical Journal, 2012, 752, 134.	1.6	39
74	A TYPE Ia SUPERNOVA AT REDSHIFT 1.55 INHUBBLE SPACE TELESCOPEINFRARED OBSERVATIONS FROM CANDELS. Astrophysical Journal, 2012, 746, 5.	1.6	44
75	REST-FRAME UV-OPTICALLY SELECTED GALAXIES AT 2.3 â‰²zâ‰² 3.5: SEARCHING FOR DUSTY STAR-FORMING AND PASSIVELY EVOLVING GALAXIES. Astrophysical Journal, 2012, 749, 149.	1.6	35
76	SMOOTH(ER) STELLAR MASS MAPS IN CANDELS: CONSTRAINTS ON THE LONGEVITY OF CLUMPS IN HIGH-REDSHIFT STAR-FORMING GALAXIES. Astrophysical Journal, 2012, 753, 114.	1.6	271
77	CANDELS: THE EVOLUTION OF GALAXY REST-FRAME ULTRAVIOLET COLORS FROMz= 8 TO 4. Astrophysical Journal, 2012, 756, 164.	1.6	256
78	ON THE DETECTION OF IONIZING RADIATION ARISING FROM STAR-FORMING GALAXIES AT REDSHIFTzâˆ¼ 3-4: LOOKING FOR ANALOGS OF â€œSTELLAR RE-IONIZERSâ€• Astrophysical Journal, 2012, 751, 70.	1.6	117
79	MULTI-WAVELENGTH VIEW OF KILOPARSEC-SCALE CLUMPS IN STAR-FORMING GALAXIES ATzâˆ¼ 2. Astrophysical Journal, 2012, 757, 120.	1.6	141
80	CANDELS: THE CONTRIBUTION OF THE OBSERVED GALAXY POPULATION TO COSMIC REIONIZATION. Astrophysical Journal, 2012, 758, 93.	1.6	174
81	HOW DO STAR-FORMING GALAXIES ATz> 3 ASSEMBLE THEIR MASSES?. Astrophysical Journal, 2012, 752, 66.	1.6	122
82	COLOR AND STELLAR POPULATION GRADIENTS IN PASSIVELY EVOLVING GALAXIES ATzâˆ¼ 2 FROMHST/WFC3 DEEP IMAGING IN THE HUBBLE ULTRA DEEP FIELD. Astrophysical Journal, 2011, 735, 18.	1.6	70
83	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
84	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	3.0	1,590
85	A DEEPHUBBLE SPACE TELESCOPESEARCH FOR ESCAPING LYMAN CONTINUUM FLUX ATzâˆ¼ 1.3: EVIDENCE FOR AN EVOLVING IONIZING EMISSIVITY. Astrophysical Journal, 2010, 723, 241-250.	1.6	143
86	ON THE STELLAR POPULATIONS AND EVOLUTION OF STAR-FORMING GALAXIES AT 6.3 <<i>z</i>â©½ 8.6. Astrophysical Journal, 2010, 719, 1250-1273.	1.6	178
87	THE ESTIMATION OF STAR FORMATION RATES AND STELLAR POPULATION AGES OF HIGH-REDSHIFT GALAXIES FROM BROADBAND PHOTOMETRY. Astrophysical Journal, 2010, 725, 1644-1651.	1.6	101
88	The rising star formation histories of distant galaxies and implications for gas accretion with time. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	136
89	MAPPING THE DARK MATTER FROM UV LIGHT AT HIGH REDSHIFT: AN EMPIRICAL APPROACH TO UNDERSTAND GALAXY STATISTICS. Astrophysical Journal, 2009, 695, 368-390.	1.6	83
90	BIASES AND UNCERTAINTIES IN PHYSICAL PARAMETER ESTIMATES OF LYMAN BREAK GALAXIES FROM BROADBAND PHOTOMETRY. Astrophysical Journal, Supplement Series, 2009, 184, 100-132.	3.0	70

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91	NewHubble Space TelescopeDiscoveries of Type Ia Supernovae atzâ‰¥ 1: Narrowing Constraints on the Early Behavior of Dark Energy. Astrophysical Journal, 2007, 659, 98-121.	1.6	1,430
92	New Constraints on the Lyman Continuum Escape Fraction atzâ€‰âˆ¼â€‰1.3. Astrophysical Journal, 2007, 668, 62-73.	1.6	143
93	The Detailed Star Formation History in the Spheroid, Outer Disk, and Tidal Stream of the Andromeda Galaxy. Astrophysical Journal, 2006, 652, 323-353.	1.6	146
94	The Largeâ€Scale and Smallâ€Scale Clustering of Lyman Break Galaxies at documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} ewcommandcyr{ enewcommandmdefault{wncyr} enewcommandsfdefault{wncyss} enewcommandencodingdefault{OT2} ormalfont selectfont} DeclareTextFontCommand{. Astro	1.6	160
95	The Hubble Ultra Deep Field. Astronomical Journal, 2006, 132, 1729-1755.	1.9	687
96	Type Ia Supernova Discoveries atz> 1 from theHubble Space Telescope: Evidence for Past Deceleration and Constraints on Dark Energy Evolution. Astrophysical Journal, 2004, 607, 665-687.	1.6	3,498
97	The Size Evolution of High-Redshift Galaxies. Astrophysical Journal, 2004, 600, L107-L110.	1.6	329
98	The Stellar Populations and Evolution of Lyman Break Galaxies. Astrophysical Journal, 2001, 559, 620-653.	1.6	478
99	High-redshift galaxies in the Hubble Deep Field: colour selection and star formation history to z Â 4. Monthly Notices of the Royal Astronomical Society, 1996, 283, 1388-1404.	1.6	1,726
100	Deep Near-Infrared Imaging Surveys and the Stellar Content of High Redshift Galaxies. , 0, , 68-75.		1