

# Henry C Ferguson

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1011442/henry-c-ferguson-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98  
papers

17,036  
citations

52  
h-index

101  
g-index

101  
ext. papers

18,628  
ext. citations

5  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
98	Deep Realistic Extragalactic Model (DREaM) Galaxy Catalogs: Predictions for a Roman Ultra-deep Field. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 194	4.7	5
97	On the Stellar Populations of Galaxies at $z = 9$ : The Growth of Metals and Stellar Mass at Early Times. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 170	4.7	5
96	The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters. <i>Astrophysical Journal, Supplement Series</i> , <b>2022</b> , 260, 1	8	3
95	Searching for Islands of Reionization: A Potential Ionized Bubble Powered by a Spectroscopic Overdensity at $z = 8.7$ . <i>Astrophysical Journal</i> , <b>2022</b> , 930, 104	4.7	0
94	The Low-redshift Lyman Continuum Survey. II. New Insights into LyC Diagnostics. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 126	4.7	2
93	Extending the evolution of the stellar mass-size relation at $z \geq 2$ to low stellar mass galaxies from HFF and CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 928-956	4.3	6
92	Mock light-cones and theory friendly catalogues for the CANDELS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 4858-4876	4.3	8
91	The Semiforbidden C iii] $\lambda 909$ Emission in the Rest-ultraviolet Spectra of Green Pea Galaxies. <i>Astrophysical Journal</i> , <b>2020</b> , 896, 170	4.7	9
90	Large-scale Structures in the CANDELS Fields: The Role of the Environment in Star Formation Activity. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 7	4.7	24
89	HST Imaging of the Ionizing Radiation from a Star-forming Galaxy at $z = 3.794$ . <i>Astrophysical Journal</i> , <b>2020</b> , 888, 109	4.7	17
88	Selection of Massive Evolved Galaxies at $3 \leq z \leq 4.5$ in the CANDELS Fields. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 44	4.7	4
87	CLEAR. II. Evidence for Early Formation of the Most Compact Quiescent Galaxies at High Redshift. <i>Astrophysical Journal</i> , <b>2020</b> , 898, 171	4.7	21
86	The Star Formation Rate-Radius Connection: Data and Implications for Wind Strength and Halo Concentration. <i>Astrophysical Journal</i> , <b>2020</b> , 899, 93	4.7	4
85	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 102	4.7	33
84	CLEAR. I. Ages and Metallicities of Quiescent Galaxies at $z = 1.0$ . <i>Astrophysical Journal</i> , <b>2019</b> , 870, 133	4.7	34
83	Evolution of the Gas Mass Fraction of Progenitors to Today's Massive Galaxies: ALMA Observations in the CANDELS GOODS-S Field. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 83	4.7	10
82	Texas Spectroscopic Search for Ly $\alpha$ Emission at the End of Reionization. II. The Deepest Near-infrared Spectroscopic Observation at $z = 7$ . <i>Astrophysical Journal</i> , <b>2019</b> , 877, 146	4.7	10

81	Nonparametric Star Formation History Reconstruction with Gaussian Processes. I. Counting Major Episodes of Star Formation. <i>Astrophysical Journal</i> , <b>2019</b> , 879, 116	4-7	28
80	The Intrinsic Characteristics of Galaxies on the SFR $\Sigma$ *Plane at 1.2 . <i>Astrophysical Journal</i> , <b>2018</b> , 853, 131	4-7	35
79	Type Ia Supernova Distances at Redshift >1.5 from the Hubble Space Telescope Multi-cycle Treasury Programs: The Early Expansion Rate. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 126	4-7	109
78	Evidence of Environmental Quenching at Redshift $z \approx 2$ . <i>Astrophysical Journal</i> , <b>2018</b> , 862, 135	4-7	16
77	Galaxy Inclination and the IRX Relation: Effects on UV Star Formation Rate Measurements at Intermediate to High Redshifts. <i>Astrophysical Journal</i> , <b>2018</b> , 869, 161	4-7	15
76	Demographics of Star-forming Galaxies since $z \sim 2.5$ . I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , <b>2018</b> , 858, 100	4-7	58
75	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy-galaxy pairs from $z \approx 3$ to $z \approx 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 1549-1573	4-3	44
74	Clumpy Galaxies in CANDELS. II. Physical Properties of UV-bright Clumps at 0.5 . <i>Astrophysical Journal</i> , <b>2018</b> , 853, 108	4-7	48
73	The ISLANDS Project. II. The Lifetime Star Formation Histories of Six Andromeda dSphs. <i>Astrophysical Journal</i> , <b>2017</b> , 837, 102	4-7	48
72	CANDELS Sheds Light on the Environmental Quenching of Low-mass Galaxies. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 841, L22	7-9	20
71	Relations between the Sizes of Galaxies and Their Dark Matter Halos at Redshifts 0 . <i>Astrophysical Journal</i> , <b>2017</b> , 838, 6	4-7	51
70	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS COSMOS SURVEY FIELD. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 228, 7	8	63
69	EVIDENCE FOR REDUCED SPECIFIC STAR FORMATION RATES IN THE CENTERS OF MASSIVE GALAXIES AT $z = 4$ . <i>Astrophysical Journal</i> , <b>2017</b> , 834, 81	4-7	13
68	The IRX Relation: Insights from Simulations. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 15	4-7	27
67	The relationship between star formation activity and galaxy structural properties in CANDELS and a semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 619-640	4-3	38
66	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 2054-2084	4-3	49
65	Effect of Local Environment and Stellar Mass on Galaxy Quenching and Morphology at 0.5 . <i>Astrophysical Journal</i> , <b>2017</b> , 847, 134	4-7	72
64	THE EVOLUTION OF THE GALAXY STELLAR MASS FUNCTION AT $z = 4$ : A STEEPENING LOW-MASS-END SLOPE WITH INCREASING REDSHIFT. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 5	4-7	175

63	THE EVOLUTION OF STAR FORMATION HISTORIES OF QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 79	4-7	72
62	EVOLUTION OF INTRINSIC SCATTER IN THE SFR-STELLAR MASS CORRELATION AT 0.5 <i>Astrophysical Journal Letters</i> , <b>2016</b> , 820, L1	7-9	53
61	BREAKING THE CURVE WITH CANDELS: A BAYESIAN APPROACH TO REVEAL THE NON-UNIVERSALITY OF THE DUST-ATTENUATION LAW AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , <b>2016</b> , 827, 20	4-7	80
60	WHAT SHAPES THE FAR-INFRARED SPECTRAL ENERGY DISTRIBUTIONS OF GALAXIES?. <i>Astrophysical Journal</i> , <b>2016</b> , 818, 62	4-7	17
59	THE INTERSTELLAR MEDIUM AND FEEDBACK IN THE PROGENITORS OF THE COMPACT PASSIVE GALAXIES AT $z \sim 2$ . <i>Astrophysical Journal</i> , <b>2015</b> , 800, 21	4-7	23
58	A NOVEL TECHNIQUE TO IMPROVE PHOTOMETRY IN CONFUSED IMAGES USING GRAPHS AND BAYESIAN PRIORS. <i>Astrophysical Journal</i> , <b>2015</b> , 798, 91	4-7	14
57	CLUMPY GALAXIES IN CANDELS. I. THE DEFINITION OF UV CLUMPS AND THE FRACTION OF CLUMPY GALAXIES AT 0.5 . <i>Astrophysical Journal</i> , <b>2015</b> , 800, 39	4-7	137
56	A DEEP HUBBLE SPACE TELESCOPE AND KECK SEARCH FOR DEFINITIVE IDENTIFICATION OF LYMAN CONTINUUM EMITTERS AT $z > \sim 3.1$ . <i>Astrophysical Journal</i> , <b>2015</b> , 804, 17	4-7	96
55	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 101	4-7	83
54	UVUDF: ULTRAVIOLET THROUGH NEAR-INFRARED CATALOG AND PHOTOMETRIC REDSHIFTS OF GALAXIES IN THE HUBBLE ULTRA DEEP FIELD. <i>Astronomical Journal</i> , <b>2015</b> , 150, 31	4-9	112
53	THE EVOLUTION OF THE GALAXY REST-FRAME ULTRAVIOLET LUMINOSITY FUNCTION OVER THE FIRST TWO BILLION YEARS. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 71	4-7	396
52	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , <b>2015</b> , 814, 95	4-7	43
51	A WFC3 GRISM EMISSION LINE REDSHIFT CATALOG IN THE GOODS-SOUTH FIELD. <i>Astronomical Journal</i> , <b>2015</b> , 149, 178	4-9	39
50	Quenching and morphological transformation in semi-analytic models and CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 2933-2956	4-3	46
49	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < 6.5$ IN CANDELS. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 183	4-7	212
48	TYPE Ia SUPERNOVA RATE MEASUREMENTS TO REDSHIFT 2.5 FROM CANDELS: SEARCHING FOR PROMPT EXPLOSIONS IN THE EARLY UNIVERSE. <i>Astronomical Journal</i> , <b>2014</b> , 148, 13	4-9	97
47	THE QUENCHING OF THE ULTRA-FAINT DWARF GALAXIES IN THE REIONIZATION ERA. <i>Astrophysical Journal</i> , <b>2014</b> , 796, 91	4-7	206
46	COMPARING M31 AND MILKY WAY SATELLITES: THE EXTENDED STAR FORMATION HISTORIES OF ANDROMEDA II AND ANDROMEDA XVI. <i>Astrophysical Journal</i> , <b>2014</b> , 789, 24	4-7	27

45	THE PROGENITORS OF THE COMPACT EARLY-TYPE GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , <b>2014</b> , 780, 1	4-7	91
44	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. <i>Astrophysical Journal</i> , <b>2014</b> , 785, 111	4-7	37
43	CANDELS/GOODS-S, CDFS, AND ECDFS: PHOTOMETRIC REDSHIFTS FOR NORMAL AND X-RAY-DETECTED GALAXIES. <i>Astrophysical Journal</i> , <b>2014</b> , 796, 60	4-7	103
42	THE NATURE OF EXTREME EMISSION LINE GALAXIES AT $z= 1-2$ : KINEMATICS AND METALLICITIES FROM NEAR-INFRARED SPECTROSCOPY. <i>Astrophysical Journal</i> , <b>2014</b> , 791, 17	4-7	77
41	BULGE GROWTH AND QUENCHING SINCE $z= 2.5$ IN CANDELS/3D-HST. <i>Astrophysical Journal</i> , <b>2014</b> , 788, 11	4-7	202
40	THE ACS LCID PROJECT. X. THE STAR FORMATION HISTORY OF IC 1613: REVISITING THE OVER-COOLING PROBLEM. <i>Astrophysical Journal</i> , <b>2014</b> , 786, 44	4-7	57
39	SEMI-ANALYTIC MODELS FOR THE CANDELS SURVEY: COMPARISON OF PREDICTIONS FOR INTRINSIC GALAXY PROPERTIES. <i>Astrophysical Journal</i> , <b>2014</b> , 795, 123	4-7	82
38	NO MORE ACTIVE GALACTIC NUCLEI IN CLUMPY DISKS THAN IN SMOOTH GALAXIES AT $z\sim 2$ IN CANDELS/3D-HST. <i>Astrophysical Journal</i> , <b>2014</b> , 793, 101	4-7	15
37	KILOPARSEC-SCALE PROPERTIES OF EMISSION-LINE GALAXIES. <i>Astrophysical Journal</i> , <b>2014</b> , 797, 108	4-7	26
36	THE DISCOVERY OF THE MOST DISTANT KNOWN TYPE Ia SUPERNOVA AT REDSHIFT 1.914. <i>Astrophysical Journal</i> , <b>2013</b> , 768, 166	4-7	57
35	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE DETECTION AND PHOTOMETRY IN THE GOODS-SOUTH FIELD. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 207, 24	8	327
34	CANDELS: THE CORRELATION BETWEEN GALAXY MORPHOLOGY AND STAR FORMATION ACTIVITY AT $z\sim 2$ . <i>Astrophysical Journal</i> , <b>2013</b> , 774, 47	4-7	52
33	A CRITICAL ASSESSMENT OF PHOTOMETRIC REDSHIFT METHODS: A CANDELS INVESTIGATION. <i>Astrophysical Journal</i> , <b>2013</b> , 775, 93	4-7	250
32	A CANDELS-3D-HST SYNERGY: RESOLVED STAR FORMATION PATTERNS AT 0.7 . <i>Astrophysical Journal</i> , <b>2013</b> , 779, 135	4-7	177
31	UVUDF: ULTRAVIOLET IMAGING OF THE HUBBLE ULTRA DEEP FIELD WITH WIDE-FIELD CAMERA 3. <i>Astronomical Journal</i> , <b>2013</b> , 146, 159	4-9	52
30	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS UKIDSS ULTRA-DEEP SURVEY FIELD. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 206, 10	8	204
29	THE BIVARIATE SIZE-LUMINOSITY RELATIONS FOR LYMAN BREAK GALAXIES AT $z\sim 4-5$ . <i>Astrophysical Journal</i> , <b>2013</b> , 765, 68	4-7	51
28	CANDELS: THE PROGENITORS OF COMPACT QUIESCENT GALAXIES AT $z\sim 2$ . <i>Astrophysical Journal</i> , <b>2013</b> , 765, 104	4-7	314

27	SMOOTH(ER) STELLAR MASS MAPS IN CANDELS: CONSTRAINTS ON THE LONGEVITY OF CLUMPS IN HIGH-REDSHIFT STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , <b>2012</b> , 753, 114	4-7	232
26	CANDELS: THE EVOLUTION OF GALAXY REST-FRAME ULTRAVIOLET COLORS FROM $z=8$ TO 4. <i>Astrophysical Journal</i> , <b>2012</b> , 756, 164	4-7	218
25	ON THE DETECTION OF IONIZING RADIATION ARISING FROM STAR-FORMING GALAXIES AT REDSHIFT $z \sim 3-4$ : LOOKING FOR ANALOGS OF STELLAR RE-IONIZERS. <i>Astrophysical Journal</i> , <b>2012</b> , 751, 70	4-7	103
24	MULTI-WAVELENGTH VIEW OF KILOPARSEC-SCALE CLUMPS IN STAR-FORMING GALAXIES AT $z \sim 2$ . <i>Astrophysical Journal</i> , <b>2012</b> , 757, 120	4-7	121
23	CANDELS: THE CONTRIBUTION OF THE OBSERVED GALAXY POPULATION TO COSMIC REIONIZATION. <i>Astrophysical Journal</i> , <b>2012</b> , 758, 93	4-7	159
22	CANDELS: CORRELATIONS OF SPECTRAL ENERGY DISTRIBUTIONS AND MORPHOLOGIES WITH STAR FORMATION STATUS FOR MASSIVE GALAXIES AT $z \sim 2$ . <i>Astrophysical Journal</i> , <b>2012</b> , 752, 134	4-7	37
21	A TYPE Ia SUPERNOVA AT REDSHIFT 1.55 IN HUBBLE SPACE TELESCOPE INFRARED OBSERVATIONS FROM CANDELS. <i>Astrophysical Journal</i> , <b>2012</b> , 746, 5	4-7	39
20	REST-FRAME UV-OPTICALLY SELECTED GALAXIES AT $2.3 < z < 3.5$ : SEARCHING FOR DUSTY STAR-FORMING AND PASSIVELY EVOLVING GALAXIES. <i>Astrophysical Journal</i> , <b>2012</b> , 749, 149	4-7	34
19	HOW DO STAR-FORMING GALAXIES AT $z > 3$ ASSEMBLE THEIR MASSES?. <i>Astrophysical Journal</i> , <b>2012</b> , 752, 66	4-7	111
18	COLOR AND STELLAR POPULATION GRADIENTS IN PASSIVELY EVOLVING GALAXIES AT $z \sim 2$ FROM HST/WFC3 DEEP IMAGING IN THE HUBBLE ULTRA DEEP FIELD. <i>Astrophysical Journal</i> , <b>2011</b> , 735, 18	4-7	62
17	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 197, 36	8	1257
16	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 197, 35	8	1279
15	The rising star formation histories of distant galaxies and implications for gas accretion with time. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , no-no	4-3	120
14	A DEEP HUBBLE SPACE TELESCOPE SEARCH FOR ESCAPING LYMAN CONTINUUM FLUX AT $z \sim 1.3$ : EVIDENCE FOR AN EVOLVING IONIZING EMISSIVITY. <i>Astrophysical Journal</i> , <b>2010</b> , 723, 241-250	4-7	130
13	ON THE STELLAR POPULATIONS AND EVOLUTION OF STAR-FORMING GALAXIES AT $z \sim 6.3$ . <i>Astrophysical Journal</i> , <b>2010</b> , 719, 1250-1273	4-7	164
12	THE ESTIMATION OF STAR FORMATION RATES AND STELLAR POPULATION AGES OF HIGH-REDSHIFT GALAXIES FROM BROADBAND PHOTOMETRY. <i>Astrophysical Journal</i> , <b>2010</b> , 725, 1644-1651	4-7	91
11	BIASES AND UNCERTAINTIES IN PHYSICAL PARAMETER ESTIMATES OF LYMAN BREAK GALAXIES FROM BROADBAND PHOTOMETRY. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 184, 100-132	8	64
10	MAPPING THE DARK MATTER FROM UV LIGHT AT HIGH REDSHIFT: AN EMPIRICAL APPROACH TO UNDERSTAND GALAXY STATISTICS. <i>Astrophysical Journal</i> , <b>2009</b> , 695, 368-390	4-7	78

9	New Hubble Space Telescope Discoveries of Type Ia Supernovae at $z \sim 1$ : Narrowing Constraints on the Early Behavior of Dark Energy. <i>Astrophysical Journal</i> , <b>2007</b> , 659, 98-121	4-7	1248
8	New Constraints on the Lyman Continuum Escape Fraction at $z \sim 1.3$ . <i>Astrophysical Journal</i> , <b>2007</b> , 668, 62-73	4-7	134
7	The Detailed Star Formation History in the Spheroid, Outer Disk, and Tidal Stream of the Andromeda Galaxy. <i>Astrophysical Journal</i> , <b>2006</b> , 652, 323-353	4-7	130
6	The Large-Scale and Small-Scale Clustering of Lyman Break Galaxies at $z \sim 1$ . <i>Astrophysical Journal</i> , <b>2006</b> , 642, 63-80	4-7	151
5	The Hubble Ultra Deep Field. <i>Astronomical Journal</i> , <b>2006</b> , 132, 1729-1755	4-9	590
4	Type Ia Supernova Discoveries at $z > 1$ from the Hubble Space Telescope: Evidence for Past Deceleration and Constraints on Dark Energy Evolution. <i>Astrophysical Journal</i> , <b>2004</b> , 607, 665-687	4-7	3108
3	The Size Evolution of High-Redshift Galaxies. <i>Astrophysical Journal</i> , <b>2004</b> , 600, L107-L110	4-7	304
2	The Stellar Populations and Evolution of Lyman Break Galaxies. <i>Astrophysical Journal</i> , <b>2001</b> , 559, 620-653	4-7	437
1	High-redshift galaxies in the Hubble Deep Field: colour selection and star formation history to $z \sim 4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1996</b> , 283, 1388-1404	4-3	1596