

# Christopher Haines

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

2,248  
citations

172457

29  
h-index

223800

46  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Star-formation quenching of cluster galaxies as traced by metallicity and presence of active galactic nuclei, and galactic conformity. <i>Astronomy and Astrophysics</i> , 2022, 658, A190.	5.1	10
2	The contribution of non-central radio galaxies to AGN feedback in rich galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3273-3288.	4.4	4
3	LoCuSS: The Splashback Radius of Massive Galaxy Clusters and Its Dependence on Cluster Merger History. <i>Astrophysical Journal</i> , 2021, 911, 136.	4.5	11
4	LoCuSS: exploring the connection between local environment, star formation, and dust mass in Abell 1758. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4599-4612.	4.4	7
5	Molecular gas and star formation activity in luminous infrared galaxies in clusters at intermediate redshifts. <i>Astronomy and Astrophysics</i> , 2020, 640, A64.	5.1	11
6	Mapping the working of environmental effects in A963. <i>Astronomy and Astrophysics</i> , 2020, 638, A126.	5.1	4
7	Forming One of the Most Massive Objects in the Universe: The Quadruple Merger in Abell 1758. <i>Astrophysical Journal</i> , 2019, 882, 59.	4.5	10
8	Quantifying the suppression of the (un)-obscured star formation in galaxy cluster cores at $0.2 < z < 0.9$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 586-619.	4.4	20
9	Slow-then-rapid quenching as traced by tentative evidence for enhanced metallicities of cluster galaxies at $z \sim 0.2$ in the slow quenching phase. <i>Astronomy and Astrophysics</i> , 2019, 621, A131.	5.1	39
10	A few StePS forward in unveiling the complexity of galaxy evolution: light-weighted stellar ages of intermediate-redshift galaxies with WEAVE. <i>Astronomy and Astrophysics</i> , 2019, 632, A9.	5.1	18
11	An Interacting Galaxy Pair at the Origin of a Light Echo. <i>Astrophysical Journal</i> , 2018, 852, 113.	4.5	4
12	Cosmic dance in the Shapley Concentration Core. <i>Astronomy and Astrophysics</i> , 2018, 620, A25.	5.1	5
13	The VIMOS Public Extragalactic Redshift Survey (VIPERS). <i>Astronomy and Astrophysics</i> , 2018, 620, A193.	5.1	14
14	A 3D Voronoi+Gapper Galaxy Cluster Finder in Redshift Space to $z \sim 0.2$ . II. An Abundant Cluster Population Dominated by Late-type Galaxies Unveiled. <i>Astrophysical Journal</i> , 2018, 869, 145.	4.5	1
15	LoCuSS: pre-processing in galaxy groups falling into massive galaxy clusters at $z = 0.2$ . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 473, L79-L83.	3.3	46
16	The VIMOS Public Extragalactic Redshift Survey (VIPERS). <i>Astronomy and Astrophysics</i> , 2018, 617, A70.	5.1	32
17	Shapley Supercluster Survey: mapping the filamentary network connecting the clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1055-1074.	4.4	10
18	LoCuSS: The infall of X-ray groups on to massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4931-4950.	4.4	33

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19	A 3D Voronoi+Gapper Galaxy Cluster Finder in Redshift Space to $z \leq 0.2$ : an Algorithm Optimized for the 2dFGRS. <i>Astrophysical Journal</i> , 2017, 838, 109.	4.5	8
20	The VIMOS Public Extragalactic Redshift Survey (VIPERS). <i>Astronomy and Astrophysics</i> , 2017, 597, A107.	5.1	34
21	The VIMOS Public Extragalactic Redshift Survey (VIPERS). <i>Astronomy and Astrophysics</i> , 2017, 605, A4.	5.1	48
22	The VIMOS Public Extragalactic Redshift Survey (VIPERS). <i>Astronomy and Astrophysics</i> , 2017, 598, A120.	5.1	32
23	Galaxy evolution in merging clusters: The passive core of the "Train Wreck" cluster of galaxies, A $\approx$ 520. <i>Astronomy and Astrophysics</i> , 2017, 607, A131.	5.1	24
24	Shapley Supercluster Survey: ram-pressure stripping versus tidal interactions in the Shapley supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3345-3369.	4.4	43
25	DRY MERGER RATE AND POST-MERGER FRACTION IN THE COMA CLUSTER CORE. <i>Astrophysical Journal Letters</i> , 2016, 817, L6.	8.3	3
26	Shapley Supercluster Survey: construction of the photometric catalogues and $i$ -band data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3686-3699.	4.4	9
27	A $HERSCHEL$ STUDY OF 24 $m$ -SELECTED AGNs AND THEIR HOST GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 18.	7.7	30
28	THE RELATION BETWEEN LUMINOUS AGNs AND STAR FORMATION IN THEIR HOST GALAXIES. <i>Astrophysical Journal</i> , 2015, 808, 159.	4.5	42
29	LoCuSS: THE SLOW QUENCHING OF STAR FORMATION IN CLUSTER GALAXIES AND THE NEED FOR PRE-PROCESSING. <i>Astrophysical Journal</i> , 2015, 806, 101.	4.5	185
30	Shapley Supercluster Survey: Galaxy evolution from filaments to cluster cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 803-822.	4.4	25
31	LoCuSS: Testing hydrostatic equilibrium in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 456, L74-L78.	3.3	93
32	GLACE survey: OSIRIS/GTC tuneable filter $H\alpha$ imaging of the rich galaxy cluster ZwCl0024.0+1652 at $z \approx 0.395$ . <i>Astronomy and Astrophysics</i> , 2015, 578, A30.	5.1	10
33	Star formation activity and gas stripping in the Cluster Projected Phase-Space (CPPS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2186-2200.	4.4	35
34	Star formation in the massive cluster merger Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 196-206.	4.4	39
35	The drivers of AGN activity in galaxy clusters: AGN fraction as a function of mass and environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1827-1839.	4.4	60
36	ACCESS "V. Dissecting ram-pressure stripping through integral-field spectroscopy and multiband imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1747-1773.	4.4	94

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37	LoCuSS: THE STEADY DECLINE AND SLOW QUENCHING OF STAR FORMATION IN CLUSTER GALAXIES OVER THE LAST FOUR BILLION YEARS. <i>Astrophysical Journal</i> , 2013, 775, 126.	4.5	111
38	THE RELATION BETWEEN COOL CLUSTER CORES AND <i>HERSCHEL</i> -DETECTED STAR FORMATION IN BRIGHTEST CLUSTER GALAXIES. <i>Astrophysical Journal</i> , 2012, 747, 29.	4.5	78
39	LoCuSS: A DYNAMICAL ANALYSIS OF X-RAY ACTIVE GALACTIC NUCLEI IN LOCAL CLUSTERS. <i>Astrophysical Journal</i> , 2012, 754, 97.	4.5	67
40	A WEAK-LENSING AND NEAR-INFRARED STUDY OF A3192: DISASSEMBLING A RICHNESS CLASS 3 ABELL CLUSTER. <i>Astrophysical Journal Letters</i> , 2012, 748, L23.	8.3	4
41	ACCESS - III. The nature of star formation in the Shapley supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 145-160.	4.4	17
42	ACCESS - II. A complete census of star formation in the Shapley supercluster - UV and IR luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 127-144.	4.4	25
43	ACCESS - IV. The quenching of star formation in a cluster population of dusty S0s. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2831-2845.	4.4	7
44	UV & IR Luminosity Functions and Stellar Mass Functions of Galaxies in the Shapley Supercluster Core. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 55-60.	0.3	0
45	LoCuSS: Probing galaxy transformation physics with <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2010, 518, L18.	5.1	37
46	LoCuSS: Shedding new light on the massive lensing cluster Abell 1689 – the view from <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2010, 518, L19.	5.1	23
47	LoCuSS: connecting the dominance and shape of brightest cluster galaxies with the assembly history of massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 169-183.	4.4	74
48	ACCESS: NIR luminosity function and stellar mass function of galaxies in the Shapley supercluster environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 753-766.	4.4	25
49	LoCuSS: A <i>Herschel</i> view of obscured star formation in Abell 1835. <i>Astronomy and Astrophysics</i> , 2010, 518, L40.	5.1	27
50	LOCUSS: THE MID-INFRARED BUTCHER-OEMLER EFFECT. <i>Astrophysical Journal</i> , 2009, 704, 126-136.	4.5	92
51	THE CLOWES-CAMPUSANO LARGE QUASAR GROUP SURVEY. I. <i>GALEX</i> SELECTED SAMPLE OF LYMAN BREAK GALAXIES AT $z \sim 1$ . <i>Astrophysical Journal</i> , 2009, 702, 506-522.	4.5	10
52	On the origin of the scatter around the Fundamental Plane: correlations with stellar population parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 75-89.	4.4	45
53	LoCuSS: luminous infrared galaxies in the merging cluster Abell 1758 at $z = 0.28$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1297-1307.	4.4	43
54	The SDSS-GALEX viewpoint of the truncated red sequence in field environments at $z \sim 0$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1201-1210.	4.4	54

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55	Global properties of the rich cluster ABCG 209 at $z \approx 0.2$ . Spectroscopic and photometric catalogue. Monthly Notices of the Royal Astronomical Society, 2008, 387, 1374-1390.	4.4	3
56	The SDSS+UKIDSS Fundamental Plane of Early-type Galaxies. Astrophysical Journal, 2008, 689, 913-918.	4.5	39
57	Weak lensing mass reconstruction of the galaxy cluster Abell 209. Astronomy and Astrophysics, 2007, 467, 427-436.	5.1	17
58	The different physical mechanisms that drive the star formation histories of giant and dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2007, 381, 7-32.	4.4	110
59	Galaxy Transformations in Different Environments of the Shapley Supercluster. Proceedings of the International Astronomical Union, 2006, 2, 224-224.	0.0	0
60	The Different Environmental Dependencies of Star Formation for Giant and Dwarf Galaxies. Astrophysical Journal, 2006, 647, L21-L24.	4.5	63
61	Shapley Optical Survey - I. Luminosity functions in the supercluster environment. Monthly Notices of the Royal Astronomical Society, 2006, 368, 109-120.	4.4	40
62	Shapley Optical Survey - II. The effect of environment on the colour-magnitude relation and galaxy colours.... Monthly Notices of the Royal Astronomical Society, 2006, 371, 55-66.	4.4	76
63	New insights into the structure of early-type galaxies: the Photometric Plane at $z \approx 0.3$ . Monthly Notices of the Royal Astronomical Society, 2005, 358, 1116-1132.	4.4	12
64	The Galaxy Environment of Quasars in the $z \approx 1.3$ Clowes-Campusano Large Quasar Group. Symposium - International Astronomical Union, 2005, 201, 465-466.	0.1	0
65	Transformations of galaxies in the environments of the cluster ABCG 209 at $z \sim 0.2$ . Astronomy and Astrophysics, 2004, 424, 79-90.	5.1	14
66	Galaxy evolution in the environment of ABCG 209. Astronomy and Astrophysics, 2004, 425, 783-796.	5.1	10
67	Detection of $20-30 \text{ Mpc}$ -scale galaxy structures embedded in $100 \text{ Mpc}$ -scale structures of quasars and MgII absorbers at $z \approx 0.8$ and $z \approx 1.2$ . Astronomy and Astrophysics, 2004, 421, 157-174.	5.1	10
68	The galaxy environment of a quasar at $z = 1.226$ : a possible cluster merger. Monthly Notices of the Royal Astronomical Society, 2001, 323, 688-698.	4.4	22