

Jennifer M Lotz

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

17,317
citations

20797

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40954

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docs citations

99
times ranked

5909
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated distant galaxy merger classifications from Space Telescope images using the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3702-3720.	1.6	38
2	Dynamics and shocks from H α emission of nearby galaxy mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1551-1569.	1.6	3
3	CLEAR. I. Ages and Metallicities of Quiescent Galaxies at 1.0 z ≤ 1.8 Derived from Deep Hubble Space Telescope Grism Data. <i>Astrophysical Journal</i> , 2019, 870, 133.	1.6	57
4	Anomalously Low-metallicity Regions in MaNGA Star-forming Galaxies: Accretion Caught in Action?. <i>Astrophysical Journal</i> , 2019, 872, 144.	1.6	35
5	The optical morphologies of galaxies in the IllustrisTNG simulation: a comparison to Pan-STARRS observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4140-4159.	1.6	236
6	The Intrinsic Characteristics of Galaxies on the SFR-M Plane at 1.2 z ≤ 4. I. The Correlation between Stellar Age, Central Density, and Position Relative to the Main Sequence. <i>Astrophysical Journal</i> , 2018, 853, 131.	1.6	50
7	Evidence for Merger-driven Growth in Luminous, High- z , Obscured AGNs in the CANDELS/COSMOS Field. <i>Astrophysical Journal</i> , 2018, 853, 63.	1.6	52
8	Tidal Interactions and Mergers in Intermediate-redshift EDisCS Clusters. <i>Astrophysical Journal</i> , 2018, 869, 6.	1.6	7
9	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy pairs from $z=3$ to $z=1/4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1549-1573.	1.6	65
10	H α versus H α emission comparing the kinematic tracers in modelling the initial conditions of the Mice. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3423-3434.	1.6	2
11	Directly Observing the Galaxies Likely Responsible for Reionization. <i>Astrophysical Journal</i> , 2017, 835, 113.	1.6	289
12	The Frontier Fields: Survey Design and Initial Results. <i>Astrophysical Journal</i> , 2017, 837, 97.	1.6	433
13	The Ages of Passive Galaxies in a $z = 1.62$ Protocluster. <i>Astrophysical Journal</i> , 2017, 844, 43.	1.6	26
14	Star Formation at $z=2.481$ in the Lensed Galaxy SDSS J1110+6459. II. What is Missed at the Normal Resolution of the Hubble Space Telescope?. <i>Astrophysical Journal</i> , 2017, 843, 79.	1.6	30
15	Deep CO(1-0) Observations of $z=1.62$ Cluster Galaxies with Substantial Molecular Gas Reservoirs and Normal Star Formation Efficiencies. <i>Astrophysical Journal</i> , 2017, 849, 27.	1.6	58
16	Massive close pairs measure rapid galaxy assembly in mergers at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 207-216.	1.6	68
17	Modeling the initial conditions of interacting galaxy pairs using Identikit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3058-3074.	1.6	5
18	Beyond spheroids and discs: classifications of CANDELS galaxy structure at 1.4 z ≤ 2 via principal component analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 963-987.	1.6	38

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19	Galaxy morphology and star formation in the Illustris Simulation at $z=0$. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1886-1908.	1.6	155
20	ARE COMPTON-THICK AGNs THE MISSING LINK BETWEEN MERGERS AND BLACK HOLE GROWTH?. Astrophysical Journal, 2015, 814, 104.	1.6	125
21	EVOLUTION OF STAR FORMATION PROPERTIES OF HIGH-REDSHIFT CLUSTER GALAXIES SINCE $z=2$. Astrophysical Journal, 2015, 810, 90.	1.6	33
22	CANDELS VISUAL CLASSIFICATIONS: SCHEME, DATA RELEASE, AND FIRST RESULTS. Astrophysical Journal, Supplement Series, 2015, 221, 11.	3.0	106
23	Diverse structural evolution at $z > 1$ in cosmologically simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4290-4310.	1.6	54
24	A transition mass in the local Tully-Fisher relation. Monthly Notices of the Royal Astronomical Society, 2015, 452, 986-997.	1.6	51
25	ZFOURGE/CANDELS: ON THE EVOLUTION OF M^* GALAXY PROGENITORS FROM $z=3$ TO 0.5. Astrophysical Journal, 2015, 803, 26.	1.6	104
26	RADIO LOUD AGNs ARE MERGERS. Astrophysical Journal, 2015, 806, 147.	1.6	127
27	Morphologies of $z \sim 0.7$ AGN host galaxies in CANDELS: no trend of merger incidence with AGN luminosity. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3342-3356.	1.6	132
28	Investigating evidence for different black hole accretion modes since redshift $z \sim 1$. Monthly Notices of the Royal Astronomical Society, 2014, 440, 339-352.	1.6	31
29	THE DEEP2 GALAXY REDSHIFT SURVEY: DESIGN, OBSERVATIONS, DATA REDUCTION, AND REDSHIFTS. Astrophysical Journal, Supplement Series, 2013, 208, 5.	3.0	544
30	New image statistics for detecting disturbed galaxy morphologies at high redshift. Monthly Notices of the Royal Astronomical Society, 2013, 434, 282-295.	1.6	51
31	CANDELS: THE CORRELATION BETWEEN GALAXY MORPHOLOGY AND STAR FORMATION ACTIVITY AT $z \sim 1/2$. Astrophysical Journal, 2013, 774, 47.	1.6	64
32	CANDELS OBSERVATIONS OF THE ENVIRONMENTAL DEPENDENCE OF THE COLOR-MASS-MORPHOLOGY RELATION AT $z=1.6$. Astrophysical Journal, 2013, 770, 58.	1.6	59
33	CAUGHT IN THE ACT: THE ASSEMBLY OF MASSIVE CLUSTER GALAXIES AT $z=1.62$. Astrophysical Journal, 2013, 773, 154.	1.6	58
34	FINE-STRUCTURE Fe II* EMISSION AND RESONANT Mg II EMISSION IN $z \sim 1$ STAR-FORMING GALAXIES. Astrophysical Journal, 2013, 774, 50.	1.6	32
35	The properties of (sub-)millimetre-selected galaxies as revealed by CANDELS HST WFC3/IR imaging in GOODS-South. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2012-2042.	1.6	52
36	THE ADVANCED CAMERA FOR SURVEYS GENERAL CATALOG: STRUCTURAL PARAMETERS FOR APPROXIMATELY HALF A MILLION GALAXIES. Astrophysical Journal, Supplement Series, 2012, 200, 9.	3.0	51

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55	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	3.0	1,590
56	A <i>SPITZER</i> -SELECTED GALAXY CLUSTER AT $z = 1.62$. <i>Astrophysical Journal</i> , 2010, 716, 1503-1513.	1.6	218
57	THE MORPHOLOGY OF PASSIVELY EVOLVING GALAXIES AT $z \sim 2$ FROM <i>HUBBLE SPACE TELESCOPE</i> /WFC3 DEEP IMAGING IN THE HUBBLE ULTRA DEEP FIELD. <i>Astrophysical Journal Letters</i> , 2010, 714, L79-L83.	3.0	82
58	WHERE DO WET, DRY, AND MIXED GALAXY MERGERS OCCUR? A STUDY OF THE ENVIRONMENTS OF CLOSE GALAXY PAIRS IN THE DEEP2 GALAXY REDSHIFT SURVEY. <i>Astrophysical Journal</i> , 2010, 718, 1158-1170.	1.6	89
59	REVERSAL OF FORTUNE: CONFIRMATION OF AN INCREASING STAR FORMATION "DENSITY RELATION IN A CLUSTER AT $z = 1.62$. <i>Astrophysical Journal Letters</i> , 2010, 719, L126-L129.	3.0	187
60	The rising star formation histories of distant galaxies and implications for gas accretion with time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	136
61	UBIQUITOUS OUTFLOWS IN DEEP2 SPECTRA OF STAR-FORMING GALAXIES AT $z = 1.4$. <i>Astrophysical Journal</i> , 2009, 692, 187-211.	1.6	495
62	<i>HUBBLE SPACE TELESCOPE</i> MORPHOLOGIES OF $z \sim 2$ DUST OBSCURED GALAXIES. I. POWER-LAW SOURCES. <i>Astrophysical Journal</i> , 2009, 693, 750-770.	1.6	42
63	AEGIS: THE NATURE OF THE HOST GALAXIES OF LOW-IONIZATION OUTFLOWS AT $z < 0.6$. <i>Astrophysical Journal</i> , 2009, 696, 214-232.	1.6	68
64	ROLE OF GALAXY MERGERS IN COSMIC STAR FORMATION HISTORY. <i>Astrophysical Journal</i> , 2009, 697, 1764-1783.	1.6	39
65	TIDAL DWARF GALAXIES AROUND A POST-MERGER GALAXY, NGC 4922. <i>Astronomical Journal</i> , 2009, 138, 1911-1916.	1.9	15
66	STRUCTURES OF LOCAL GALAXIES COMPARED TO HIGH-REDSHIFT STAR-FORMING GALAXIES. <i>Astronomical Journal</i> , 2009, 138, 362-375.	1.9	23
67	Host galaxy morphologies of X-ray selected AGN: assessing the significance of different black hole fuelling mechanisms to the accretion density of the Universe at $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 623-633.	1.6	99
68	The role of AGN in the colour transformation of galaxies at redshifts $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 2049-2060.	1.6	88
69	Galaxy merger morphologies and time-scales from simulations of equal-mass gas-rich disc mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1137-1162.	1.6	329
70	The <i>Hubble Space Telescope</i> Advanced Camera for Surveys Coma Cluster Survey. I. Survey Objectives and Design. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 424-437.	3.0	79
71	The Redshift Evolution of Wet, Dry, and Mixed Galaxy Mergers from Close Galaxy Pairs in the DEEP2 Galaxy Redshift Survey. <i>Astrophysical Journal</i> , 2008, 681, 232-243.	1.6	190
72	The Evolution of Galaxy Mergers and Morphology at $z < 1.2$ in the Extended Groth Strip. <i>Astrophysical Journal</i> , 2008, 672, 177-197.	1.6	358

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73	<i>Hubble Space Telescope</i> Morphologies of Local Lyman Break Galaxy Analogs. I. Evidence for Starbursts Triggered by Merging. <i>Astrophysical Journal</i> , 2008, 677, 37-62.	1.6	107
74	The All-Wavelength Extended Groth Strip International Survey (AEGIS) Data Sets. <i>Astrophysical Journal</i> , 2007, 660, L1-L6.	1.6	465
75	AEGIS: Enhancement of Dust-enshrouded Star Formation in Close Galaxy Pairs and Merging Galaxies up to $z \sim 1$. <i>Astrophysical Journal</i> , 2007, 660, L51-L54.	1.6	103
76	Star Formation in AEGIS Field Galaxies since $z \approx 1.1$: The Dominance of Gradually Declining Star Formation, and the Main Sequence of Star-forming Galaxies. <i>Astrophysical Journal</i> , 2007, 660, L43-L46.	1.6	1,552
77	A Strong-Lens Survey in AEGIS: The Influence of Large-Scale Structure. <i>Astrophysical Journal</i> , 2007, 660, L31-L34.	1.6	41
78	The DEEP2 Galaxy Redshift Survey: AEGIS Observations of a Dual AGN at $z = 0.7$. <i>Astrophysical Journal</i> , 2007, 660, L23-L26.	1.6	65
79	The Globular Cluster Luminosity Function and Specific Frequency in Dwarf Elliptical Galaxies. <i>Astrophysical Journal</i> , 2007, 670, 1074-1089.	1.6	78
80	AEGIS: Host Galaxy Morphologies of X-Ray-selected and Infrared-selected Active Galactic Nuclei at $0.2 < z < 1.2$. <i>Astrophysical Journal</i> , 2007, 660, L19-L22.	1.6	105
81	Star Formation in AEGIS Field Galaxies since $z \approx 1.1$: Staged Galaxy Formation and a Model of Mass-dependent Gas Exhaustion. <i>Astrophysical Journal</i> , 2007, 660, L47-L50.	1.6	374
82	The Stellar Mass Tully-Fisher Relation to $z = 1.2$ from AEGIS. <i>Astrophysical Journal</i> , 2007, 660, L35-L38.	1.6	190
83	AEGIS: The Diversity of Bright Near-IR-selected Distant Red Galaxies. <i>Astrophysical Journal</i> , 2007, 660, L55-L58.	1.6	29
84	The Morphological Diversities among Star-forming Galaxies at High Redshifts in the Great Observatories Origins Deep Survey. <i>Astrophysical Journal</i> , 2006, 652, 963-980.	1.6	139
85	The Rest-frame Far-Ultraviolet Morphologies of Star-forming Galaxies at $z \approx 1.5$ and 4. <i>Astrophysical Journal</i> , 2006, 636, 592-609.	1.6	181
86	Merging Galaxies in GOODS-S: First Extragalactic Results from Keck Laser Adaptive Optics. <i>Astrophysical Journal</i> , 2005, 625, L27-L30.	1.6	35
87	A New Nonparametric Approach to Galaxy Morphological Classification. <i>Astronomical Journal</i> , 2004, 128, 163-182.	1.9	595
88	The Colors of Dwarf Elliptical Galaxy Globular Cluster Systems, Nuclei, and Stellar Halos. <i>Astrophysical Journal</i> , 2004, 613, 262-278.	1.6	144
89	The Star-forming Dwarf Galaxy Populations of Two $z \approx 0.4$ Clusters: MS 1512.4+3647 and A851. <i>Astrophysical Journal</i> , 2003, 596, 143-158.	1.6	9
90	Metallicities of Old Open Clusters. <i>Astronomical Journal</i> , 2002, 124, 2693-2720.	1.9	292

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91	Dynamical Friction in dE Globular Cluster Systems. Symposium - International Astronomical Union, 2002, 207, 593-598.	0.1	0
92	Dynamical Friction in dE Globular Cluster Systems. Astrophysical Journal, 2001, 552, 572-581.	1.6	117
93	The Nuclear Cusp Slopes of Dwarf Elliptical Galaxies. Astronomical Journal, 2001, 121, 1385-1394.	1.9	51
94	The Specific Globular Cluster Frequencies of Dwarf Elliptical Galaxies from the [ITAL]Hubble Space Telescope [ITAL]. Astrophysical Journal, 1998, 508, L133-L137.	1.6	86
95	The properties and evolution of a K-band selected sample of massive galaxies at $z \approx 0.4-2$ in the Palomar/DEEP2 survey. Monthly Notices of the Royal Astronomical Society, 0, 381, 962-986.	1.6	111
96	The faint and extremely red K-band-selected galaxy population in the DEEP2/Palomar fields. Monthly Notices of the Royal Astronomical Society, 0, 383, 1366-1384.	1.6	51
97	Host galaxy colour gradients and accretion disc obscuration in AEGIS $z \approx 1$ X-ray-selected active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 0, 408, 139-156.	1.6	28
98	The effect of gas fraction on the morphology and time-scales of disc galaxy mergers. Monthly Notices of the Royal Astronomical Society, 0, 404, 590-603.	1.6	153
99	The effect of mass ratio on the morphology and time-scales of disc galaxy mergers. Monthly Notices of the Royal Astronomical Society, 0, 404, 575-589.	1.6	190