

# Bahram Mobasher

## List of Publications by Year in descending order

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Version: 2024-02-01

174  
papers

22,220  
citations

11651

70  
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8167

148  
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174  
docs citations

174  
times ranked

7852  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2004, 607, 665-687.	4.5	3,498
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	7.7	1,590
3	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> , 2011, 197, 36.	7.7	1,549
4	New Hubble Space Telescope Discoveries of Type Ia Supernovae at $z \approx 1$ : Narrowing Constraints on the Early Behavior of Dark Energy. <i>Astrophysical Journal</i> , 2007, 659, 98-121.	4.5	1,430
5	THE EVOLUTION OF THE GALAXY REST-FRAME ULTRAVIOLET LUMINOSITY FUNCTION OVER THE FIRST TWO BILLION YEARS. <i>Astrophysical Journal</i> , 2015, 810, 71.	4.5	524
6	The Spitzer Survey of Stellar Structure in Galaxies. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 1397-1414.	3.1	426
7	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE DETECTION AND PHOTOMETRY IN THE GOODS-SOUTH FIELD. <i>Astrophysical Journal, Supplement Series</i> , 2013, 207, 24.	7.7	400
8	THE CHANDRA COSMOS SURVEY. I. OVERVIEW AND POINT SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2009, 184, 158-171.	7.7	361
9	SPECTROSCOPIC CONFIRMATION OF THREE $z < 1$ -DROP-OUT GALAXIES AT $z = 6.844-7.213$ : DEMOGRAPHICS OF Ly $\alpha$ EMISSION IN $z < 1$ GALAXIES. <i>Astrophysical Journal</i> , 2012, 744, 83.	4.5	334
10	THE MOSFIRE DEEP EVOLUTION FIELD (MOSDEF) SURVEY: REST-FRAME OPTICAL SPECTROSCOPY FOR $z \approx 1.5$ $H\alpha$ -SELECTED GALAXIES AT $1.37 < z < 3.8$ . <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 15.	7.7	312
11	Dark matter maps reveal cosmic scaffolding. <i>Nature</i> , 2007, 445, 286-290.	27.8	302
12	Evolution of the Bar Fraction in COSMOS: Quantifying the Assembly of the Hubble Sequence. <i>Astrophysical Journal</i> , 2008, 675, 1141-1155.	4.5	298
13	A CRITICAL ASSESSMENT OF PHOTOMETRIC REDSHIFT METHODS: A CANDELS INVESTIGATION. <i>Astrophysical Journal</i> , 2013, 775, 93.	4.5	290
14	EVIDENCE FOR PopIII-LIKE STELLAR POPULATIONS IN THE MOST LUMINOUS Ly $\alpha$ EMITTERS AT THE EPOCH OF REIONIZATION: SPECTROSCOPIC CONFIRMATION. <i>Astrophysical Journal</i> , 2015, 808, 139.	4.5	285
15	THE MOSDEF SURVEY: MEASUREMENTS OF BALMER DECREMENTS AND THE DUST ATTENUATION CURVE AT REDSHIFTS $z \approx 1.4-2.6$ . <i>Astrophysical Journal</i> , 2015, 806, 259.	4.5	278
16	LARGE AREA SURVEY FOR $z = 7$ GALAXIES IN SDF AND GOODS-N: IMPLICATIONS FOR GALAXY FORMATION AND COSMIC REIONIZATION*. <i>Astrophysical Journal</i> , 2009, 706, 1136-1151.	4.5	259
17	CANDELS: THE EVOLUTION OF GALAXY REST-FRAME ULTRAVIOLET COLORS FROM $z = 8$ TO $z = 4$ . <i>Astrophysical Journal</i> , 2012, 756, 164.	4.5	256
18	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < 6.5$ . CANDELS. <i>Astrophysical Journal</i> , 2015, 799, 183.	4.5	253

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19	The Hubble Higherz Supernova Search: Supernovae to $z \approx 1.6$ and Constraints on Type Ia Progenitor Models. <i>Astrophysical Journal</i> , 2004, 613, 200-223.	4.5	248
20	A massive protocluster of galaxies at a redshift of $z \approx 5.3$ . <i>Nature</i> , 2011, 470, 233-235.	27.8	234
21	THE MOSDEF SURVEY: ELECTRON DENSITY AND IONIZATION PARAMETER AT $z \approx 2.3^*$ . <i>Astrophysical Journal</i> , 2016, 816, 23.	4.5	218
22	COSMOS: Three-dimensional Weak Lensing and the Growth of Structure. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 239-253.	7.7	212
23	THE MOSDEF SURVEY: MASS, METALLICITY, AND STAR-FORMATION RATE AT $z \approx 2.3$ . <i>Astrophysical Journal</i> , 2015, 799, 138.	4.5	211
24	High-redshift Supernova Rates. <i>Astrophysical Journal</i> , 2004, 613, 189-199.	4.5	209
25	THE MOSDEF SURVEY: EXCITATION PROPERTIES OF $z \approx 2.3$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 801, 88.	4.5	196
26	A Comparison of the Galaxy Populations in the Coma and Distant Clusters: The Evolution of $k+a$ Galaxies and the Role of the Intracluster Medium. <i>Astrophysical Journal</i> , 2004, 601, 197-213.	4.5	175
27	Bar Evolution over the Last 8 Billion Years: A Constant Fraction of Strong Bars in the GEMS Survey. <i>Astrophysical Journal</i> , 2004, 615, L105-L108.	4.5	174
28	PHYSICAL PROPERTIES OF EMISSION-LINE GALAXIES AT $z \approx 2$ FROM NEAR-INFRARED SPECTROSCOPY WITH MAGELLAN FIRE. <i>Astrophysical Journal</i> , 2014, 785, 153.	4.5	173
29	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> , 2018, 853, 126.	4.5	168
30	Deep ATLAS Radio Observations of the Chandra Deep Field-South/Spitzer Wide-Area Infrared Extragalactic Field. <i>Astronomical Journal</i> , 2006, 132, 2409-2423.	4.7	154
31	The Hubble Deep Field North SCUBA Super-map - III. Optical and near-infrared properties of submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 149-167.	4.4	147
32	A DOZEN NEW GALAXIES CAUGHT IN THE ACT: GAS STRIPPING AND EXTENDED EMISSION LINE REGIONS IN THE COMA CLUSTER. <i>Astronomical Journal</i> , 2010, 140, 1814-1829.	4.7	142
33	THE EFFECTS OF THE LOCAL ENVIRONMENT AND STELLAR MASS ON GALAXY QUENCHING TO $z \approx 3$ . <i>Astrophysical Journal</i> , 2016, 825, 113.	4.5	141
34	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.	4.5	139
35	Identification of the brightest Ly $\alpha$ emitters at $z = 6.6$ : implications for the evolution of the luminosity function in the reionization era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 400-417.	4.4	139
36	The stellar mass function of star-forming galaxies and the mass-dependent SFR function since $z \approx 2.23$ from HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 3516-3528.	4.4	138

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37	CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 32.	7.7	127
38	A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. III. Spectral Ages and Metallicities. <i>Astrophysical Journal</i> , 2001, 562, 689-712.	4.5	124
39	MAPPING THE GALAXY COLOR-REDSHIFT RELATION: OPTIMAL PHOTOMETRIC REDSHIFT CALIBRATION STRATEGIES FOR COSMOLOGY SURVEYS. <i>Astrophysical Journal</i> , 2015, 813, 53.	4.5	124
40	The MOSDEF Survey: The Evolution of the Mass-Metallicity Relation from $z = 0$ to $z \sim 3.3^*$ . <i>Astrophysical Journal</i> , 2021, 914, 19.	4.5	124
41	TYPE Ia SUPERNOVA RATE MEASUREMENTS TO REDSHIFT 2.5 FROM CANDELS: SEARCHING FOR PROMPT EXPLOSIONS IN THE EARLY UNIVERSE. <i>Astronomical Journal</i> , 2014, 148, 13.	4.7	121
42	CANDELS/GOODS-S, CDFS, AND ECDFS: PHOTOMETRIC REDSHIFTS FOR NORMAL AND X-RAY-DETECTED GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 60.	4.5	117
43	The MOSDEF survey: direct-method metallicities and ISM conditions at $z \sim 1.5-3.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1427-1455.	4.4	116
44	A Comparison of Independent Star Formation Diagnostics for an Ultraviolet-selected Sample of Nearby Galaxies. <i>Astrophysical Journal</i> , 2001, 558, 72-80.	4.5	116
45	THE MOSDEF SURVEY: OPTICAL ACTIVE GALACTIC NUCLEUS DIAGNOSTICS AT $z \sim 2.3$ . <i>Astrophysical Journal</i> , 2015, 801, 35.	4.5	111
46	The CANDELS/SHARDS Multiwavelength Catalog in GOODS-N: Photometry, Photometric Redshifts, Stellar Masses, Emission-line Fluxes, and Star Formation Rates. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 22.	7.7	111
47	The Effects of Environment on Morphological Evolution at $z \sim 1.2$ in the COSMOS Survey. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 284-294.	7.7	109
48	The MOSDEF Survey: A Stellar Mass-SFR-Metallicity Relation Exists at $z \sim 2.3$ . <i>Astrophysical Journal</i> , 2018, 858, 99.	4.5	108
49	Evolution of the Luminosity Function, Star Formation Rate, Morphology, and Size of Star-forming Galaxies Selected at Rest-frame 1500 and 2800 Å. <i>Astrophysical Journal</i> , 2007, 654, 172-185.	4.5	106
50	CANDELS VISUAL CLASSIFICATIONS: SCHEME, DATA RELEASE, AND FIRST RESULTS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 221, 11.	7.7	106
51	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , 2015, 808, 101.	4.5	106
52	THE MOSDEF SURVEY: DISSECTING THE STAR FORMATION RATE VERSUS STELLAR MASS RELATION USING $H\alpha$ AND $H\beta$ EMISSION LINES AT $z \sim 2$ . <i>Astrophysical Journal</i> , 2015, 815, 98.	4.5	101
53	Observing the Formation of the Hubble Sequence in the Great Observatories Origins Deep Survey. <i>Astrophysical Journal</i> , 2004, 600, L139-L142.	4.5	96
54	THE RATE OF CORE COLLAPSE SUPERNOVAE TO REDSHIFT 2.5 FROM THE CANDELS AND CLASH SUPERNOVA SURVEYS. <i>Astrophysical Journal</i> , 2015, 813, 93.	4.5	93

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55	A COMPARATIVE STUDY OF DENSITY FIELD ESTIMATION FOR GALAXIES: NEW INSIGHTS INTO THE EVOLUTION OF GALAXIES WITH ENVIRONMENT IN COSMOS OUT TO $z < 3$ . <i>Astrophysical Journal</i> , 2015, 805, 121.	4.5	91
56	Morphologies and Spectral Energy Distributions of Extremely Red Galaxies in the GOODS-South Field. <i>Astrophysical Journal</i> , 2004, 600, L131-L134.	4.5	89
57	The Evolution of the Optical and Near-Infrared Galaxy Luminosity Functions and Luminosity Densities to $z \approx 2$ . <i>Astrophysical Journal</i> , 2005, 631, 126-144.	4.5	88
58	The MOSDEF Survey: Direct Observational Constraints on the Ionizing Photon Production Efficiency, $\Gamma_{\text{ion}}$ , at $z \approx 2$ . <i>Astrophysical Journal</i> , 2018, 855, 42.	4.5	88
59	Ages of SO and Elliptical Galaxies in the Coma Cluster. <i>Astrophysical Journal</i> , 2001, 563, 118-123.	4.5	87
60	A DETAILED STUDY OF PHOTOMETRIC REDSHIFTS FOR GOODS-SOUTH GALAXIES. <i>Astrophysical Journal</i> , 2010, 724, 425-447.	4.5	83
61	The MOSDEF Survey: Significant Evolution in the Rest-frame Optical Emission Line Equivalent Widths of Star-forming Galaxies at $z = 1.4 - 3.8$ . <i>Astrophysical Journal</i> , 2018, 869, 92.	4.5	83
62	The Redshift Distribution of Near-Infrared-selected Galaxies in the Great Observatories Origins Deep Survey as a Test of Galaxy Formation Scenarios. <i>Astrophysical Journal</i> , 2004, 600, L135-L138.	4.5	79
63	The Hubble Space Telescope Advanced Camera for Surveys Coma Cluster Survey. I. Survey Objectives and Design. <i>Astrophysical Journal</i> , Supplement Series, 2008, 176, 424-437.	7.7	79
64	THE MOSDEF SURVEY: AGN MULTI-WAVELENGTH IDENTIFICATION, SELECTION BIASES, AND HOST GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2017, 835, 27.	4.5	79
65	Demographics of Star-forming Galaxies since $z \approx 2.5$ . I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , 2018, 858, 100.	4.5	79
66	A massive, quiescent, population II galaxy at a redshift of 2.1. <i>Nature</i> , 2016, 540, 248-251.	27.8	78
67	THE EXTENDED HUBBLE SPACE TELESCOPE SUPERNOVA SURVEY: THE RATE OF CORE COLLAPSE SUPERNOVAE TO $z < 1$ . <i>Astrophysical Journal</i> , 2012, 757, 70.	4.5	77
68	Cosmic Web of Galaxies in the COSMOS Field: Public Catalog and Different Quenching for Centrals and Satellites. <i>Astrophysical Journal</i> , 2017, 837, 16.	4.5	77
69	The MOSDEF Survey: The Variation of the Dust Attenuation Curve with Metallicity. <i>Astrophysical Journal</i> , 2020, 899, 117.	4.5	77
70	Ly $\alpha$ EMISSION FROM HIGH-REDSHIFT SOURCES IN COSMOS. <i>Astrophysical Journal</i> , 2012, 760, 128.	4.5	72
71	CANDELS: Elevated Black Hole Growth in the Progenitors of Compact Quiescent Galaxies at $z \approx 2$ . <i>Astrophysical Journal</i> , 2017, 846, 112.	4.5	72
72	KECK-I MOSFIRE SPECTROSCOPY OF COMPACT STAR-FORMING GALAXIES AT $z < 2$ : HIGH VELOCITY DISPERSIONS IN PROGENITORS OF COMPACT QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2014, 795, 145.	4.5	70

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73	Galaxy Zoo: quantitative visual morphological classifications for 48,000 galaxies from CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4420-4447.	4.4	70
74	Identification of Type Ia Supernovae at Redshift 1.3 and Beyond with the Advanced Camera for Surveys on the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2004, 600, L163-L166.	4.5	66
75	THE DISCOVERY OF THE MOST DISTANT KNOWN TYPE Ia SUPERNOVA AT REDSHIFT 1.914. <i>Astrophysical Journal</i> , 2013, 768, 166.	4.5	66
76	The Subaru COSMOS 20: Subaru optical imaging of the HST COSMOS field with 20 filters. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	2.5	65
77	EVOLUTION OF INTRINSIC SCATTER IN THE SFR-STELLAR MASS CORRELATION AT 0.5 <math>z</math> <math>3</math>. <i>Astrophysical Journal Letters</i> , 2016, 820, L1.	8.3	65
78	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy-galaxy pairs from $z=3$ to $z=1/4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1549-1573.	4.4	65
79	The Complete Calibration of the Color-Redshift Relation (C3R2) Survey: Analysis and Data Release 2. <i>Astrophysical Journal</i> , 2019, 877, 81.	4.5	65
80	Spectroscopic properties of luminous Ly $\alpha$ emitters at $z \sim 6$ and comparison to the Lyman-break population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 772-787.	4.4	64
81	The nature of luminous Ly $\alpha$ emitters at $z \sim 2-3$ : maximal dust-poor starbursts and highly ionizing AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2817-2840.	4.4	64
82	A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. IV. The Luminosity Function. <i>Astrophysical Journal</i> , 2003, 587, 605-618.	4.5	63
83	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2054-2084.	4.4	63
84	THE MOSDEF SURVEY: DYNAMICAL AND BARYONIC MASSES AND KINEMATIC STRUCTURES OF STAR-FORMING GALAXIES AT 1.4 <math>z</math> 2.6. <i>Astrophysical Journal</i> , 2016, 819, 80.	4.5	61
85	INSIGHTS ON THE FORMATION, EVOLUTION, AND ACTIVITY OF MASSIVE GALAXIES FROM ULTRACOMPACT AND DISKY GALAXIES AT $z = 2-3$ . <i>Astrophysical Journal</i> , 2011, 743, 87.	4.5	59
86	The BUFFALO HST Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 64.	7.7	57
87	A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. II. Spectroscopic Observations. <i>Astrophysical Journal, Supplement Series</i> , 2001, 137, 279-296.	7.7	55
88	Infrared and Optical Observations of GRB 030115 and its Extremely Red Host Galaxy: Implications for Dark Bursts. <i>Astrophysical Journal</i> , 2006, 647, 471-482.	4.5	53
89	THE MOSDEF SURVEY: DETECTION OF [O III] $\lambda$ 4363 AND THE DIRECT-METHOD OXYGEN ABUNDANCE OF A STAR-FORMING GALAXY AT $z = 3.08^*$ . <i>Astrophysical Journal Letters</i> , 2016, 825, L23.	8.3	52
90	The MOSDEF-LRIS Survey: The Interplay Between Massive Stars and Ionized Gas in High-Redshift Star-Forming Galaxies I. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, .	4.4	50

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91	The MOSDEF Survey: A Census of AGN-driven Ionized Outflows at $z=1.4-3.8$ . <i>Astrophysical Journal</i> , 2019, 886, 11.	4.5	50
92	SPECTROSCOPIC STUDY OF STAR-FORMING GALAXIES IN FILAMENTS AND THE FIELD AT $z < 0.5$ : EVIDENCE FOR ENVIRONMENTAL DEPENDENCE OF ELECTRON DENSITY. <i>Astrophysical Journal</i> , 2015, 814, 84.	4.5	47
93	THE MOSDEF SURVEY: THE STRONG AGREEMENT BETWEEN $H\alpha$ AND UV-TO-FIR STAR FORMATION RATES FOR $z=1.4-2$ STAR-FORMING GALAXIES*. <i>Astrophysical Journal Letters</i> , 2016, 820, L23.	8.3	47
94	The MOSDEF Survey: The First Direct Measurements of the Nebular Dust Attenuation Curve at High Redshift*. <i>Astrophysical Journal</i> , 2020, 902, 123.	4.5	46
95	A TYPE Ia SUPERNOVA AT REDSHIFT 1.55 IN HUBBLE SPACE TELESCOPE INFRARED OBSERVATIONS FROM CANDELS. <i>Astrophysical Journal</i> , 2012, 746, 5.	4.5	44
96	A WFC3 GRISM EMISSION LINE REDSHIFT CATALOG IN THE GOODS-SOUTH FIELD. <i>Astronomical Journal</i> , 2015, 149, 178.	4.7	43
97	The MOSDEF Survey: Metallicity Dependence of PAH Emission at High Redshift and Implications for Inferred IR Luminosities and Star Formation Rates at $z < 2$ . <i>Astrophysical Journal</i> , 2017, 837, 157.	4.5	42
98	On the nature and physical conditions of the luminous Ly $\alpha$ emitter CR7 and its rest-frame UV components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2422-2441.	4.4	41
99	The MOSDEF Survey: Sulfur Emission-line Ratios Provide New Insights into Evolving Interstellar Medium Conditions at High Redshift. <i>Astrophysical Journal Letters</i> , 2019, 881, L35.	8.3	41
100	X-ray Luminosity Functions of Normal Galaxies in the Great Observatories Origins Deep Survey. <i>Astrophysical Journal</i> , 2007, 667, 826-858.	4.5	40
101	TWO SNe Ia AT REDSHIFT $z=2$ : IMPROVED CLASSIFICATION AND REDSHIFT DETERMINATION WITH MEDIUM-BAND INFRARED IMAGING. <i>Astronomical Journal</i> , 2015, 150, 156.	4.7	39
102	RELATION BETWEEN STELLAR MASS AND STAR-FORMATION ACTIVITY IN GALAXIES. <i>Astrophysical Journal</i> , 2009, 690, 1074-1083.	4.5	38
103	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. <i>Astrophysical Journal</i> , 2014, 785, 111.	4.5	38
104	The MOSDEF Survey: The Prevalence and Properties of Galaxy-wide AGN-driven Outflows at $z=1.4-2$ . <i>Astrophysical Journal</i> , 2017, 849, 48.	4.5	38
105	The MOSDEF Survey: Broad Emission Lines at $z=1.4-3.8$ *. <i>Astrophysical Journal</i> , 2019, 873, 102.	4.5	38
106	The MOSDEF-LRIS Survey: The connection between massive stars and ionized gas in individual galaxies at $z < 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1652-1665.	4.4	38
107	Large-scale Structures in the CANDELS Fields: The Role of the Environment in Star Formation Activity. <i>Astrophysical Journal</i> , 2020, 890, 7.	4.5	37
108	On the cross-correlation of sub-mm sources and optically selected galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 732-740.	4.4	36

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109	SPLASH-SXDF Multi-wavelength Photometric Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 36.	7.7	36
110	The MOSDEF Survey: Kinematic and Structural Evolution of Star-forming Galaxies at $1.4 \leq z \leq 3.8$ . <i>Astrophysical Journal</i> , 2020, 894, 91.	4.5	34
111	The Effects of Stellar Population and Gas Covering Fraction on the Emergent Ly $\alpha$ Emission of High-redshift Galaxies*. <i>Astrophysical Journal</i> , 2022, 926, 31.	4.5	34
112	Searching for $z \approx 6.5$ Analogs Near the Peak of Cosmic Star Formation. <i>Astrophysical Journal</i> , 2020, 890, 65.	4.5	33
113	A Photometric and Spectroscopic Study of Dwarf and Giant Galaxies in the Coma Cluster. V. Dependence of the Spectroscopic Properties on Location in the Cluster. <i>Astrophysical Journal</i> , 2002, 567, 772-780.	4.5	30
114	Narrowband Survey of the GOODS Fields: Search for Ly $\alpha$ Emitters at $z = 5.7$ . <i>Astrophysical Journal</i> , 2006, 638, 596-602.	4.5	28
115	KILOPARSEC-SCALE PROPERTIES OF EMISSION-LINE GALAXIES. <i>Astrophysical Journal</i> , 2014, 797, 108.	4.5	28
116	The MOSDEF Survey: The Metallicity Dependence of X-Ray Binary Populations at $z \approx 1/4 \hat{A} 2$ . <i>Astrophysical Journal</i> , 2019, 885, 65.	4.5	28
117	The MOSDEF survey: a comprehensive analysis of the rest-optical emission-line properties of $z \approx 1/4 \hat{A} 2.3$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2600-2614.	4.4	28
118	Similar Scaling Relations for the Gas Content of Galaxies Across Environments to $z \approx 1/4 \hat{A} 3.5$ . <i>Astrophysical Journal</i> , 2018, 860, 111.	4.5	27
119	Optical and near-infrared colours as a discriminant of the age and metallicity of stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 695-708.	4.4	26
120	Submegaparsec individual photometric redshift estimation from cosmic web constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 463-477.	4.4	26
121	Photometric Redshift Calibration Requirements for WFIRST Weak-lensing Cosmology: Predictions from CANDELS. <i>Astrophysical Journal</i> , 2019, 877, 117.	4.5	25
122	Substructure in the Coma Cluster: Giants versus Dwarfs. <i>Astrophysical Journal</i> , 2002, 567, 178-187.	4.5	25
123	THE INTERSTELLAR MEDIUM AND FEEDBACK IN THE PROGENITORS OF THE COMPACT PASSIVE GALAXIES AT $z \approx 1/4 \hat{A} 2$ . <i>Astrophysical Journal</i> , 2015, 800, 21.	4.5	24
124	Spectroscopic Confirmation of a Coma Cluster Progenitor at $z \approx 1/4 \hat{A} 2.2$ . <i>Astrophysical Journal</i> , 2020, 892, 8.	4.5	24
125	The MOSDEF Survey: First Measurement of Nebular Oxygen Abundance at $z \approx 1/4 \hat{A} 4^*$ . <i>Astrophysical Journal Letters</i> , 2017, 846, L30.	8.3	23
126	An ultraviolet-selected galaxy redshift survey - III. Multicolour imaging and non-uniform star formation histories. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 21-34.	4.4	22



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127	A DEEP VERY LARGE ARRAY RADIO CONTINUUM SURVEY OF THE CORE AND OUTSKIRTS OF THE COMA CLUSTER. <i>Astronomical Journal</i> , 2009, 137, 4436-4449.	4.7	22
128	THE RADIO LUMINOSITY FUNCTION AND GALAXY EVOLUTION IN THE COMA CLUSTER. <i>Astronomical Journal</i> , 2009, 137, 4450-4467.	4.7	21
129	The MOSDEF Survey: The Nature of Mid-infrared Excess Galaxies and a Comparison of IR and UV Star Formation Tracers at $z \sim 1/4$ . <i>Astrophysical Journal</i> , 2018, 866, 63.	4.5	21
130	The HST/ACS Coma Cluster Survey â€“ VII. Structure and assembly of massive galaxies in the centre of the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3083-3121.	4.4	20
131	NEBULAR AND STELLAR DUST EXTINCTION ACROSS THE DISK OF EMISSION-LINE GALAXIES ON KILOPARSEC SCALES. <i>Astrophysical Journal</i> , 2015, 814, 46.	4.5	20
132	Bringing Manifold Learning and Dimensionality Reduction to SED Fitters. <i>Astrophysical Journal Letters</i> , 2019, 881, L14.	8.3	20
133	The MOSDEF Survey: Neon as a Probe of ISM Physical Conditions at High Redshift <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2020, 902, L16.	8.3	20
134	The MOSDEF Survey: [S iii] as a New Probe of Evolving Interstellar Medium Conditions*. <i>Astrophysical Journal Letters</i> , 2020, 888, L11.	8.3	19
135	Quenching or Bursting: The Role of Stellar Mass, Environment, and Specific Star Formation Rate to. <i>Astrophysical Journal</i> , 2018, 853, 155.	4.5	18
136	The MOSDEF Survey: Environmental Dependence of the Gas-phase Metallicity of Galaxies at $1.4 \leq z \leq 2.6$ *. <i>Astrophysical Journal</i> , 2021, 908, 120.	4.5	18
137	PROBING THE PHYSICAL PROPERTIES OF $z < 4.5$ Ly $\alpha$ EMITTERS WITH SPITZER. <i>Astrophysical Journal</i> , 2015, 813, 78.	4.5	17
138	EVIDENCE FOR REDUCED SPECIFIC STAR FORMATION RATES IN THE CENTERS OF MASSIVE GALAXIES AT $z \sim 4$ . <i>Astrophysical Journal</i> , 2017, 834, 81.	4.5	17
139	Structure and Evolution of Starburst and Normal Galaxies. <i>Astrophysical Journal</i> , 2004, 600, L143-L146.	4.5	16
140	A CORRELATION BETWEEN Ly $\alpha$ SPECTRAL LINE PROFILE AND REST-FRAME UV MORPHOLOGY. <i>Astrophysical Journal</i> , 2015, 815, 57.	4.5	16
141	Texas Spectroscopic Search for Ly $\alpha$ Emission at the End of Reionization. II. The Deepest Near-infrared Spectroscopic Observation at $z \sim 3.7$ . <i>Astrophysical Journal</i> , 2019, 877, 146.	4.5	16
142	Selection of Massive Evolved Galaxies at $3 \leq z \leq 4.5$ in the CANDELS Fields. <i>Astrophysical Journal</i> , 2020, 897, 44.	4.5	16
143	Dependence of the IRX- $\hat{\tau}^2$ Dust Attenuation Relation on Metallicity and Environment <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2020, 903, L28.	8.3	16
144	The Faintâ€“End Slopes of Galaxy Luminosity Functions in the COSMOS Field. <i>Astrophysical Journal</i> , 2008, 672, 198-206.	4.5	15

#	ARTICLE	IF	CITATIONS
145	The MOSFIRE Deep Evolution Field Survey: Implications of the Lack of Evolution in the Dust Attenuationâ€“Mass Relation to $z \sim 2^*$ . <i>Astrophysical Journal</i> , 2022, 926, 145.	4.5	15
146	SUPERNOVA ACCELERATION PROBE: INVESTIGATING PHOTOMETRIC REDSHIFT OPTIMIZATION. <i>Astronomical Journal</i> , 2008, 136, 1361-1371.	4.7	14
147	NEAR-INFRARED SURVEY OF THE GOODS-NORTH FIELD: SEARCH FOR LUMINOUS GALAXY CANDIDATES AT $z < 6.5$ . <i>Astrophysical Journal</i> , 2012, 757, 43.	4.5	14
148	The MOSDEF Survey: No Significant Enhancement in Star Formation or Deficit in Metallicity in Merging Galaxy Pairs at $1.5 < z < 3.5$ . <i>Astrophysical Journal</i> , 2019, 874, 18.	4.5	14
149	Evolution of the Gas Mass Fraction of Progenitors to Todayâ€™s Massive Galaxies: ALMA Observations in the CANDELS GOODS-S Field. <i>Astrophysical Journal</i> , 2019, 878, 83.	4.5	13
150	THE DWARF STARBURST HOST GALAXY OF A TYPE Ia SUPERNOVA AT $z = 1.55$ FROM CANDELS. <i>Astrophysical Journal</i> , 2012, 760, 125.	4.5	12
151	The MOSDEF survey: the massâ€“metallicity relationship and the existence of the FMR at $z \sim 1.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1237-1249.	4.4	11
152	Detection of Prominent Stellar Disks in the Progenitors of Present-day Massive Elliptical Galaxies. <i>Astrophysical Journal</i> , 2017, 836, 75.	4.5	10
153	Spatially Resolved Properties of Galaxies from CANDELS+MUSE: Radial Extinction Profile and Insights on Quenching. <i>Astrophysical Journal</i> , 2019, 887, 204.	4.5	10
154	The MOSDEF Survey: Stellar Continuum Spectra and Star Formation Histories of Active, Transitional, and Quiescent Galaxies at $1.4 < z < 2.6$ . <i>Astrophysical Journal Letters</i> , 2018, 867, L16.	8.3	8
155	Comparison of Observed Galaxy Properties with Semianalytic Model Predictions Using Machine Learning. <i>Astrophysical Journal</i> , 2021, 908, 47.	4.5	8
156	Hubble Frontier Field Clusters and Their Parallel Fields: Photometric and Photometric Redshift Catalogs. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 27.	7.7	8
157	The MOSDEF survey: differences in SFR and metallicity for morphologically selected mergers at $z \sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 137-145.	4.4	8
158	The Star Formation Rateâ€“Radius Connection: Data and Implications for Wind Strength and Halo Concentration. <i>Astrophysical Journal</i> , 2020, 899, 93.	4.5	8
159	The MOSDEF-LRIS Survey: Probing the ISM/CGM Structure of Star-forming Galaxies at $z \sim 2$ Using Rest-UV Spectroscopy. <i>Astrophysical Journal</i> , 2021, 920, 95.	4.5	8
160	The MOSDEF survey: an improved Voronoi binning technique on spatially resolved stellar populations at $z \sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5009-5029.	4.4	7
161	Evidence for Gas-phase Metal Deficiency in Massive Protocluster Galaxies at $z \sim 2.2^*$ . <i>Astrophysical Journal</i> , 2021, 910, 57.	4.5	7
162	Infrared Spectral Energy Distributions and Dust Masses of Sub-solar Metallicity Galaxies at $z \sim 2.3$ . <i>Astrophysical Journal</i> , 2022, 928, 68.	4.5	7

#	ARTICLE	IF	CITATIONS
163	Color, 3D simulated images with shapelets. <i>Astroparticle Physics</i> , 2008, 30, 65-71.	4.3	6
164	The MOSDEF Survey: calibrating the relationship between H $\alpha$ star formation rate and radio continuum luminosity at 1.4 <math>z</math> <math>\leq 2.6</math>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3648-3657.	4.4	5
165	Reconciling the results of the <math>z \sim 2</math> MOSDEF and KBSS-MOSFIRE Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3871-3892.	4.4	5
166	Evidence for the Evolution of Young Early-Type Galaxies in the GOODS/CDF-S Field. <i>Astronomical Journal</i> , 2007, 134, 1337-1347.	4.7	4
167	The MOSDEF survey: the dependence of H $\alpha$ -to-UV SFR ratios on SFR and size at <math>z \sim 2</math>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1431-1445.	4.4	4
168	The MOSDEF-LRIS survey: connection between galactic-scale outflows and the properties of <math>z \sim 2</math> star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 841-856.	4.4	4
169	A Comprehensive Study of H $\alpha$ Emitters at <math>z \sim 0.62</math> in the DAWN Survey: The Need for Deep and Wide Regions. <i>Astrophysical Journal</i> , 2020, 892, 30.	4.5	3
170	The ultra-deep 20 cm Australia telescope survey of the Chandra Deep Field South. <i>New Astronomy Reviews</i> , 2003, 47, 391-396.	12.8	2
171	THE PHOENIX DEEP SURVEY: EXTREMELY RED GALAXIES AND CLUSTER CANDIDATES. <i>Astronomical Journal</i> , 2008, 136, 358-366.	4.7	2
172	Bridging between the Integrated and Resolved Main Sequence of Star Formation. <i>Astrophysical Journal Letters</i> , 2020, 896, L17.	8.3	1
173	Two Formation Paths for Cluster Dwarf Galaxies?. <i>Symposium - International Astronomical Union</i> , 2004, 217, 562-563.	0.1	0
174	The Relation Between Galactic Properties and Cluster Structure. <i>Symposium - International Astronomical Union</i> , 2005, 216, 239-248.	0.1	0