

Karina Caputi

List of Publications by Year in descending order

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72
papers

11,647
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50244

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#	ARTICLE	IF	CITATIONS
1	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	3.0	1,590
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€”THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 36.	3.0	1,549
3	MASS AND ENVIRONMENT AS DRIVERS OF GALAXY EVOLUTION IN SDSS AND zCOSMOS AND THE ORIGIN OF THE SCHECHTER FUNCTION. <i>Astrophysical Journal</i> , 2010, 721, 193-221.	1.6	1,485
4	THE COSMOS2015 CATALOG: EXPLORING THE 1<math>z \le 6</math> UNIVERSE WITH HALF A MILLION GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 24.	3.0	784
5	zCOSMOS: A Large VLT/VIMOS Redshift Survey Covering 0 z 3 in the COSMOS Field. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 70-85.	3.0	775
6	THE zCOSMOS 10k-BRIGHT SPECTROSCOPIC SAMPLE. <i>Astrophysical Journal, Supplement Series</i> , 2009, 184, 218-229.	3.0	481
7	The Infrared Luminosity Function of Galaxies at Redshifts $z = 1$ and $z \sim 2$ in the GOODS Fields. <i>Astrophysical Journal</i> , 2007, 660, 97-116.	1.6	273
8	THE <i>XMM-NEWTON</i> WIDE-FIELD SURVEY IN THE COSMOS FIELD (XMM-COSMOS): DEMOGRAPHY AND MULTIWAVELENGTH PROPERTIES OF OBSCURED AND UNOBSCURED LUMINOUS ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 716, 348-369.	1.6	266
9	THE RADIAL AND AZIMUTHAL PROFILES OF Mg II ABSORPTION AROUND 0.5 z 0.9 zCOSMOS GALAXIES OF DIFFERENT COLORS, MASSES, AND ENVIRONMENTS. <i>Astrophysical Journal</i> , 2011, 743, 10.	1.6	245
10	THE SINS SURVEY: MODELING THE DYNAMICS OF $z \sim 2$ GALAXIES AND THE HIGH- z TULLY-FISHER RELATION. <i>Astrophysical Journal</i> , 2009, 697, 115-132.	1.6	239
11	DISSECTING PHOTOMETRIC REDSHIFT FOR ACTIVE GALACTIC NUCLEUS USING <i>XMM</i> AND <i>CHANDRA</i>-COSMOS SAMPLES. <i>Astrophysical Journal</i> , 2011, 742, 61.	1.6	205
12	ONGOING AND CO-EVOLVING STAR FORMATION IN zCOSMOS GALAXIES HOSTING ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 696, 396-410.	1.6	197
13	COMPACT STARBURSTS IN $z \sim 3$ SUBMILLIMETER GALAXIES REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2015, 810, 133.	1.6	157
14	THE IMPACT OF GALAXY INTERACTIONS ON ACTIVE GALACTIC NUCLEUS ACTIVITY IN zCOSMOS. <i>Astrophysical Journal</i> , 2011, 743, 2.	1.6	148
15	The sizes, masses and specific star formation rates of massive galaxies at 1.3 z 1.5: strong evidence in favour of evolution via minor mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1088-1106.	1.6	144
16	CANDELS+3D-HST: COMPACT SFGs AT $z \sim 2-3$, THE PROGENITORS OF THE FIRST QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2014, 791, 52.	1.6	142
17	Paving the way for the JWST: witnessing globular cluster formation at $z \sim 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4304-4321.	1.6	134
18	A MULTIWAVELENGTH STUDY OF A SAMPLE OF 70 μ m SELECTED GALAXIES IN THE COSMOS FIELD. II. THE ROLE OF MERGERS IN GALAXY EVOLUTION. <i>Astrophysical Journal</i> , 2010, 721, 98-123.	1.6	125

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19	The stellar mass function of the most-massive galaxies at $3 \leq z \leq 5$ in the UKIDSS Ultra Deep Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 162-176.	1.6	107
20	AN OPTICAL GROUP CATALOG TO $z = 1$ FROM THE zCOSMOS 10 k SAMPLE. <i>Astrophysical Journal</i> , 2009, 697, 1842-1860.	1.6	103
21	THE DEPENDENCE OF GALACTIC OUTFLOWS ON THE PROPERTIES AND ORIENTATION OF zCOSMOS GALAXIES AT $z \leq 1$. <i>Astrophysical Journal</i> , 2014, 794, 130.	1.6	98
22	HIGH-RESOLUTION SPECTROSCOPY OF A YOUNG, LOW-METALLICITY OPTICALLY THIN $L = 0.02L^*$ STAR-FORMING GALAXY AT $z = 3.12^*$. <i>Astrophysical Journal Letters</i> , 2016, 821, L27.	3.0	91
23	THE ENVIRONMENTS OF ACTIVE GALACTIC NUCLEI WITHIN THE zCOSMOS DENSITY FIELD. <i>Astrophysical Journal</i> , 2009, 695, 171-182.	1.6	89
24	THE zCOSMOS 20k GROUP CATALOG. <i>Astrophysical Journal</i> , 2012, 753, 121.	1.6	88
25	A MULTIWAVELENGTH STUDY OF A SAMPLE OF 70 μm SELECTED GALAXIES IN THE COSMOS FIELD. I. SPECTRAL ENERGY DISTRIBUTIONS AND LUMINOSITIES. <i>Astrophysical Journal</i> , 2010, 709, 572-596.	1.6	81
26	SPITZER BRIGHT, ULTRAVISTA FAINT SOURCES IN COSMOS: THE CONTRIBUTION TO THE OVERALL POPULATION OF MASSIVE GALAXIES AT $z \leq 7$. <i>Astrophysical Journal</i> , 2015, 810, 73.	1.6	79
27	THE STORY OF SUPERNOVA α -REFSDAL TOLD BY MUSE*. <i>Astrophysical Journal</i> , 2016, 822, 78.	1.6	79
28	zCOSMOS 20k: satellite galaxies are the main drivers of environmental effects in the galaxy population at least to $z \leq 0.7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 717-738.	1.6	78
29	The SCUBA-2 Cosmology Legacy Survey: the nature of bright submm galaxies from 2 deg^2 of $850 \mu\text{m}$ imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 492-515.	1.6	77
30	The Brightest $z \leq 8$ Galaxies over the COSMOS UltraVISTA Field. <i>Astrophysical Journal</i> , 2019, 883, 99.	1.6	77
31	Ionizing the intergalactic medium by star clusters: the first empirical evidence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1093-1103.	1.6	77
32	Linking Stellar Mass and Star Formation in Spitzer/MIPS $24 \mu\text{m}$ Galaxies. <i>Astrophysical Journal</i> , 2006, 637, 727-740.	1.6	73
33	LY α FOREST TOMOGRAPHY FROM BACKGROUND GALAXIES: THE FIRST MEGAPARSEC-RESOLUTION LARGE-SCALE STRUCTURE MAP AT $z \leq 2$. <i>Astrophysical Journal Letters</i> , 2014, 795, L12.	3.0	70
34	Further constraints on the evolution of Ks-selected galaxies in the GOODS/CDFS field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 609-623.	1.6	69
35	Magnifying the Early Episodes of Star Formation: Super Star Clusters at Cosmological Distances*. <i>Astrophysical Journal</i> , 2017, 842, 47.	1.6	68
36	THE 10k zCOSMOS: MORPHOLOGICAL TRANSFORMATION OF GALAXIES IN THE GROUP ENVIRONMENT SINCE $z \leq 1$. <i>Astrophysical Journal</i> , 2010, 718, 86-104.	1.6	63

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37	Star Formation in Galaxies at $z \approx 4$ from the SMUVS Survey: A Clear Starburst/Main-sequence Bimodality for H α Emitters on the SFR vs M^* Plane. <i>Astrophysical Journal</i> , 2017, 849, 45.	1.6	62
38	Probing the galaxy-halo connection in UltraVISTA to $z \approx 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 901-916.	1.6	58
39	The evolution of quiescent galaxies at high redshifts ($z \approx 1.4$). <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 900-915.	1.6	55
40	THE NATURE OF EXTREMELY RED H [4.5] > 4 GALAXIES REVEALED WITH SEDS AND CANDELS. <i>Astrophysical Journal Letters</i> , 2012, 750, L20.	3.0	55
41	ULTRA-DEEP MID-INFRARED SPECTROSCOPY OF LUMINOUS INFRARED GALAXIES AT $z < 1$ AND $z < 2$. <i>Astrophysical Journal</i> , 2010, 719, 425-450.	1.6	53
42	SXDF ALMA 2-arcmin ² deep survey: 1.1-mm number counts. <i>Publication of the Astronomical Society of Japan</i> , 2016, 68, .	1.0	53
43	THE COLORS OF CENTRAL AND SATELLITE GALAXIES IN zCOSMOS OUT TO $z < 0.8$ AND IMPLICATIONS FOR QUENCHING. <i>Astrophysical Journal</i> , 2013, 769, 24.	1.6	48
44	PROTO-GROUPS AT $z < 1.8$; 3 IN THE zCOSMOS-DEEP SAMPLE. <i>Astrophysical Journal</i> , 2013, 765, 109.	1.6	48
45	Physical Characterization of an Unlensed, Dusty Star-forming Galaxy at $z = 5.85$. <i>Astrophysical Journal</i> , 2019, 887, 55.	1.6	48
46	Spitzer Matching Survey of the UltraVISTA Ultra-deep Stripes (SMUVS): Full-mission IRAC Mosaics and Catalogs. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 39.	3.0	47
47	Illuminating gas inflows/outflows in the MUSE deepest fields: Ly α nebulae around forming galaxies at $z < 3.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3803-3816.	1.6	45
48	The Mass, Color, and Structural Evolution of Today's Massive Galaxies Since $z \approx 5$. <i>Astrophysical Journal</i> , 2017, 837, 147.	1.6	44
49	ALMA 26 arcmin ² Survey of GOODS-S at 1 mm (ASAGAO): Near-infrared-dark Faint ALMA Sources. <i>Astrophysical Journal</i> , 2019, 878, 73.	1.6	43
50	The inferred evolution of the cold gas properties of CANDELS galaxies at $0.5 < z < 3.0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2258-2276.	1.6	41
51	SXDF-ALMA 1.5 arcmin ² DEEP SURVEY: A COMPACT DUSTY STAR-FORMING GALAXY AT $z < 2.5$. <i>Astrophysical Journal Letters</i> , 2015, 811, L3.	3.0	39
52	An indirect measurement of gas evolution in galaxies at $0.5 < z < 2.0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2386-2400.	1.6	38
53	PROPERTIES OF SUBMILLIMETER GALAXIES IN THE CANDELS GOODS-SOUTH FIELD. <i>Astrophysical Journal</i> , 2014, 785, 111.	1.6	38
54	HST Imaging of the Brightest $z \approx 9$ Galaxies from UltraVISTA: The Extreme Bright End of the UV Luminosity Function. <i>Astrophysical Journal</i> , 2017, 851, 43.	1.6	37

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55	THE DEPENDENCE OF STAR FORMATION ACTIVITY ON STELLAR MASS SURFACE DENSITY AND SERVIC INDEX IN zCOSMOS GALAXIES AT 0.5 <i>z</i> 0.9 COMPARED WITH SDSS GALAXIES AT 0.04 <i>z</i> 0.08. <i>Astrophysical Journal</i> , 2009, 694, 1099-1114.	1.6	36
56	AzTEC half square degree survey of the SHADES fields - II. Identifications, redshifts and evidence for large-scale structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1845-1866.	1.6	36
57	Optical Line Emission from $z \sim 6.8$ Sources with Deep Constraints on Ly α Visibility. <i>Astrophysical Journal</i> , 2017, 839, 73.	1.6	35
58	The Optical Spectra of 24 λ Galaxies in the COSMOS Field. I. <i>Spitzer</i> MIPS Bright Sources in the zCOSMOS Bright 10k Catalog. <i>Astrophysical Journal</i> , 2008, 680, 939-961.	1.6	32
59	ALMA 26 arcmin ² Survey of GOODS-S at One-millimeter (ASAGAO): X-Ray AGN Properties of Millimeter-selected Galaxies. <i>Astrophysical Journal</i> , 2018, 853, 24.	1.6	31
60	The evolution of Ks-selected galaxies in the GOODS/CDFS deep ISAAC field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 607-622.	1.6	30
61	Very Compact Millimeter Sizes for Composite Star-forming/AGN Submillimeter Galaxies. <i>Astrophysical Journal Letters</i> , 2017, 849, L36.	3.0	27
62	ALMA Lensing Cluster Survey: Bright [C ii] 158 λ Lines from a Multiply Imaged Sub-L [*] Galaxy at $z = 6.0719$. <i>Astrophysical Journal</i> , 2021, 911, 99.	1.6	25
63	The Spitzer Matching Survey of the UltraVISTA Ultra-deep Stripes (SMUVS): The Evolution of Dusty and Nondusty Galaxies with Stellar Mass at $z \sim 6$. <i>Astrophysical Journal</i> , 2018, 864, 166.	1.6	20
64	THE IMPACT OF JWST BROADBAND FILTER CHOICE ON PHOTOMETRIC REDSHIFT ESTIMATION. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 19.	3.0	17
65	The Galaxyâ€“Halo Connection for $z \sim 6$ as Revealed by the Spitzer Matching Survey of the UltraVISTA Ultra-deep Stripes. <i>Astrophysical Journal</i> , 2018, 853, 69.	1.6	17
66	MOONS: a multi-object optical and near-infrared spectrograph for the VLT. <i>Proceedings of SPIE</i> , 2012, , .	0.8	16
67	X-Ray Groups of Galaxies at 0.5 z in zCOSMOS: Increased AGN Activities in High Redshift Groups. <i>Publication of the Astronomical Society of Japan</i> , 2012, 64, .	1.0	15
68	Extremely Red Submillimeter Galaxies: New $z \sim 6$ Candidates Discovered Using ALMA and Jansky VLA. <i>Astrophysical Journal</i> , 2017, 835, 286.	1.6	14
69	Recovering the Properties of High-redshift Galaxies with Different JWST Broadband Filters. <i>Astrophysical Journal, Supplement Series</i> , 2017, 231, 3.	3.0	12
70	The Stellar-to-halo Mass Ratios of Passive and Star-forming Galaxies at $z \sim 2-3$ from the SMUVS Survey. <i>Astrophysical Journal</i> , 2019, 874, 114.	1.6	12
71	THE SXDF-ALMA 2 arcmin ² DEEP SURVEY: STACKING REST-FRAME NEAR-INFRARED SELECTED OBJECTS. <i>Astrophysical Journal</i> , 2016, 833, 195.	1.6	9
72	Statistical Stellar Mass Corrections for High- z Galaxies Observed with JWST Broadband Filters Due to Template Degeneracies. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 27.	3.0	5