

Giovanni Fazio

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

17,136
citations

66234

42
h-index

60497

81
g-index

82
all docs

82
docs citations

82
times ranked

8199
citing authors

#	ARTICLE	IF	CITATIONS
1	The Infrared Array Camera (IRAC) for the Spitzer Space Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 10-17.	3.0	2,734
2	The Spitzer Space Telescope Mission. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 1-9.	3.0	2,410
3	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	3.0	1,590
4	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
5	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.	3.0	1,549
6	THE EVOLUTION OF THE GALAXY REST-FRAME ULTRAVIOLET LUMINOSITY FUNCTION OVER THE FIRST TWO BILLION YEARS. <i>Astrophysical Journal</i> , 2015, 810, 71.	1.6	524
7	The All-Wavelength Extended Groth Strip International Survey (AEGIS) Data Sets. <i>Astrophysical Journal</i> , 2007, 660, L1-L6.	1.6	465
8	SpitzerView on the Evolution of Star-forming Galaxies from $z = 0$ to $z \approx 3$. <i>Astrophysical Journal</i> , 2005, 630, 82-107.	1.6	415
9	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE DETECTION AND PHOTOMETRY IN THE GOODS-SOUTH FIELD. <i>Astrophysical Journal, Supplement Series</i> , 2013, 207, 24.	3.0	400
10	A REMARKABLY LUMINOUS GALAXY AT $z = 1.1$ MEASURED WITH HUBBLE SPACE TELESCOPE GRISM SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 819, 129.	1.6	345
11	IRAC Mid-Infrared Imaging of the Hubble Deep Field-South: Star Formation Histories and Stellar Masses of Red Galaxies at $z > 2$. <i>Astrophysical Journal</i> , 2005, 624, L81-L84.	1.6	300
12	THE MOST LUMINOUS $z \approx 9$ -10 GALAXY CANDIDATES YET FOUND: THE LUMINOSITY FUNCTION, COSMIC STAR-FORMATION RATE, AND THE FIRST MASS DENSITY ESTIMATE AT 500 Myr. <i>Astrophysical Journal</i> , 2014, 786, 108.	1.6	257
13	CANDELS MULTIWAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS UKIDSS ULTRA-DEEP SURVEY FIELD. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 10.	3.0	252
14	Number Counts at $3 \mu\text{m} < \lambda < 10 \mu\text{m}$ from the Spitzer Space Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 39-43.	3.0	244
15	THE EVOLUTION OF THE GALAXY STELLAR MASS FUNCTION AT $z = 4$: A STEEPENING LOW-MASS-END SLOPE WITH INCREASING REDSHIFT. <i>Astrophysical Journal</i> , 2016, 825, 5.	1.6	243
16	The Anatomy of Star Formation in NGC 300. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 253-258.	3.0	239
17	A galaxy rapidly forming stars 700 million years after the Big Bang at redshift 7.51. <i>Nature</i> , 2013, 502, 524-527.	13.7	223
18	SEDS: THE SPITZER EXTENDED DEEP SURVEY. SURVEY DESIGN, PHOTOMETRY, AND DEEP IRAC SOURCE COUNTS. <i>Astrophysical Journal</i> , 2013, 769, 80.	1.6	220

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19	The galaxy stellar mass function at $3.5 < z < 7.5$ in the CANDELS/UDS, GOODS-South, and HUDF fields. <i>Astronomy and Astrophysics</i> , 2015, 575, A96.	2.1	215
20	The Infrared Array Camera (IRAC) Shallow Survey. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 48-53.	3.0	179
21	HIGH-PRECISION PHOTOMETRIC REDSHIFTS FROM <i>SPITZER</i> /IRAC: EXTREME [3.6] $\hat{=}$ [4.5] COLORS IDENTIFY GALAXIES IN THE REDSHIFT RANGE $z < 6.6 \hat{=}$ 6.9. <i>Astrophysical Journal</i> , 2015, 801, 122.	1.6	147
22	CANDELS+3D-HST: COMPACT SFGs AT $z < 2-3$, THE PROGENITORS OF THE FIRST QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2014, 791, 52.	1.6	142
23	S-CANDELS: THE <i>SPITZER</i> -COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC SURVEY. SURVEY DESIGN, PHOTOMETRY, AND DEEP IRAC SOURCE COUNTS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 33.	3.0	129
24	CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 32.	3.0	127
25	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.	3.0	111
26	THE BRIGHT END OF THE $z < 9$ AND $z < 10$ UV LUMINOSITY FUNCTIONS USING ALL FIVE CANDELS FIELDS. <i>Astrophysical Journal</i> , 2016, 830, 67.	1.6	110
27	Spitzer Observations of MAMBO Galaxies: Weeding Out Active Nuclei in Starbursting Protoellipticals. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 124-129.	3.0	108
28	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , 2015, 808, 101.	1.6	106
29	DISCOVERY AND COSMOLOGICAL IMPLICATIONS OF SPT-CL J2106-5844, THE MOST MASSIVE KNOWN CLUSTER AT $z < 1$. <i>Astrophysical Journal</i> , 2011, 731, 86.	1.6	104
30	Mid-Infrared Properties of X-Ray Sources in the Extended Groth Strip. <i>Astrophysical Journal</i> , 2006, 642, 126-139.	1.6	98
31	Variability Timescale and Spectral Index of Sgr A* in the Near Infrared: Approximate Bayesian Computation Analysis of the Variability of the Closest Supermassive Black Hole. <i>Astrophysical Journal</i> , 2018, 863, 15.	1.6	83
32	THE HETDEX PILOT SURVEY. V. THE PHYSICAL ORIGIN OF Ly $\hat{\pm}$ EMITTERS PROBED BY NEAR-INFRARED SPECTROSCOPY. <i>Astrophysical Journal</i> , 2014, 791, 3.	1.6	82
33	Mid-Infrared Galaxy Morphology along the Hubble Sequence. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 235-241.	3.0	81
34	Spitzer Observations of Interstellar Object 1I/Oumuamua. <i>Astronomical Journal</i> , 2018, 156, 261.	1.9	80
35	The VANDELS ESO public spectroscopic survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	79
36	REVEALING THE HEAVILY OBSCURED ACTIVE GALACTIC NUCLEUS POPULATION OF HIGH-REDSHIFT 3CRR SOURCES WITH <i>CHANDRA</i> X-RAY OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 15.	1.6	67

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37	Star Formation in Galaxies at $z \sim 4$ from the SMUVS Survey: A Clear Starburst/Main-sequence Bimodality for H α Emitters on the SFR $\propto M^*$ Plane. <i>Astrophysical Journal</i> , 2017, 849, 45.	1.6	62
38	The Local Galaxy $z \sim 4$ Luminosity Function. <i>Astrophysical Journal</i> , 2007, 664, 840-849.	1.6	55
39	THE NATURE OF EXTREMELY RED $z \sim 4$ GALAXIES REVEALED WITH SEDS AND CANDELS. <i>Astrophysical Journal Letters</i> , 2012, 750, L20.	3.0	55
40	Star formation in $z \sim 4$ 3CR host galaxies as seen by <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2015, 575, A80.	2.1	55
41	AN INCREASING STELLAR BARYON FRACTION IN BRIGHT GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2015, 814, 95.	1.6	54
42	Photometry using the Infrared Array Camera on the <i>Spitzer</i> Space Telescope. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 1233-1243.	1.0	49
43	First Fruits of the <i>Spitzer</i> Space Telescope: Galactic and Solar System Studies. <i>Annual Review of Astronomy and Astrophysics</i> , 2006, 44, 269-321.	8.1	42
44	Near- and Mid-Infrared Photometry of High-Redshift 3CR Sources. <i>Astrophysical Journal</i> , 2008, 688, 122-127.	1.6	42
45	DISCOVERY OF LYMAN BREAK GALAXIES AT $z \sim 7$ FROM THE zFourGE SURVEY. <i>Astrophysical Journal</i> , 2013, 768, 56.	1.6	40
46	LUMINOUS AND HIGH STELLAR MASS CANDIDATE GALAXIES AT $z \sim 8$ DISCOVERED IN THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal</i> , 2012, 761, 177.	1.6	38
47	FOUR IRAC SOURCES WITH AN EXTREMELY RED H α [3.6] COLOR: PASSIVE OR DUSTY GALAXIES AT $z \sim 4.5$?. <i>Astrophysical Journal Letters</i> , 2011, 742, L13.	3.0	37
48	The properties of 70 $z \sim 4$ -selected high-redshift galaxies in the Extended Groth Strip. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1015-1028.	1.6	35
49	CONSTRAINING THE PHYSICAL PROPERTIES OF NEAR-EARTH OBJECT 2009 BD. <i>Astrophysical Journal</i> , 2014, 786, 148.	1.6	35
50	Rapid Variability of Sgr A* across the Electromagnetic Spectrum. <i>Astrophysical Journal</i> , 2021, 917, 73.	1.6	35
51	MID-INFRARED SPECTROSCOPY OF HIGH-REDSHIFT 3CRR SOURCES. <i>Astrophysical Journal</i> , 2010, 717, 766-775.	1.6	33
52	THE INNER KILOPARSEC OF Mrk 273 WITH KECK ADAPTIVE OPTICS. <i>Astrophysical Journal</i> , 2013, 775, 115.	1.6	33
53	<i>SPITZER</i> /IRAC OBSERVATIONS OF THE VARIABILITY OF Sgr A* AND THE OBJECT G2 AT 4.5 μ m. <i>Astrophysical Journal</i> , 2014, 793, 120.	1.6	33
54	AEGIS: A MULTIWAVELENGTH STUDY OF <i>SPITZER</i> POWER-LAW GALAXIES. <i>Astrophysical Journal</i> , 2010, 717, 1181-1201.	1.6	32

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55	Spitzer Space Telescope Infrared Observations of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2018, 862, L11.	3.0	30
56	PHYSICAL PROPERTIES OF NEAR-EARTH ASTEROID 2011 MD. <i>Astrophysical Journal Letters</i> , 2014, 789, L22.	3.0	28
57	High-resolution SMA imaging of bright submillimetre sources from the SCUBA-2 Cosmology Legacy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2042-2067.	1.6	28
58	Observational constraints on the physical nature of submillimetre source multiplicity: chance projections are common. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2278-2287.	1.6	25
59	Simultaneous X-Ray and Infrared Observations of Sagittarius A*'s Variability. <i>Astrophysical Journal</i> , 2019, 871, 161.	1.6	24
60	Keck OSIRIS AO LIRG Analysis (KOALA): Feedback in the Nuclei of Luminous Infrared Galaxies. <i>Astrophysical Journal</i> , 2019, 871, 166.	1.6	23
61	NEOSURVEY 1: INITIAL RESULTS FROM THE WARM SPITZER EXPLORATION SCIENCE SURVEY OF NEAR-EARTH OBJECT PROPERTIES. <i>Astronomical Journal</i> , 2016, 152, 172.	1.9	20
62	Multiwavelength Light Curves of Two Remarkable Sagittarius A* Flares. <i>Astrophysical Journal</i> , 2018, 864, 58.	1.6	20
63	The Galaxyâ€ˆHalo Connection for <i>as</i> Revealed by the Spitzer Matching Survey of the UltraVISTA Ultra-deep Stripes. <i>Astrophysical Journal</i> , 2018, 853, 69.	1.6	17
64	The Star Formation Reference Survey â€ˆ III. A multiwavelength view of star formation in nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 560-577.	1.6	17
65	The Star Formation Reference Survey. I. Survey Description and Basic Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 1011-1029.	1.0	15
66	A Spitzer/IRAC survey of massive star-forming regions. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 352-357.	0.0	12
67	Deep ugrizY imaging and DEEP2/3 spectroscopy: a photometric redshift testbed for LSST and public release of data from the DEEP3 Galaxy Redshift Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4565-4584.	1.6	12
68	The Stellar-to-halo Mass Ratios of Passive and Star-forming Galaxies at $z \sim 1/4$ from the SMUVS Survey. <i>Astrophysical Journal</i> , 2019, 874, 114.	1.6	12
69	Beyond Simple AGN Unification with Chandra-observed 3CRR Sources at $0.5 < z < 1$. <i>Astrophysical Journal</i> , 2021, 913, 134.	1.6	11
70	<i>CHANDRA</i> X-RAY OBSERVATIONS OF THE REDSHIFT 1.53 RADIO-LOUD QUASAR 3C 270.1. <i>Astrophysical Journal</i> , 2012, 745, 84.	1.6	10
71	PdBI COLD DUST IMAGING OF TWO EXTREMELY RED<i>H</i>â€ˆ [4.5] > 4 GALAXIES DISCOVERED WITH SEDS AND CANDELS. <i>Astrophysical Journal</i> , 2014, 788, 126.	1.6	9
72	Spitzer IRAC Photometry of JWST Calibration Stars. <i>Astronomical Journal</i> , 2021, 161, 177.	1.9	9

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73	A PILOT STUDY USING DEEP INFRARED IMAGING TO CONSTRAIN THE STAR FORMATION HISTORY OF THE XUV STELLAR POPULATIONS IN NGC 4625. <i>Astrophysical Journal</i> , 2014, 793, 65.	1.6	7
74	Multiwavelength Variability of Sagittarius A* in 2019 July. <i>Astrophysical Journal</i> , 2022, 931, 7.	1.6	7
75	Near-infrared Survey and Photometric Redshifts in the Extended GOODS-North Field. <i>Astrophysical Journal</i> , 2019, 871, 233.	1.6	6
76	SOFIA/FORCAST OBSERVATIONS OF WARM DUST IN S106: A FRAGMENTED ENVIRONMENT. <i>Astrophysical Journal</i> , 2015, 814, 54.	1.6	5
77	Infrared Light Curves of Near-Earth Objects. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 22.	3.0	4
78	Early science with the LMT: molecular torus in UGC 5101. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2042-2050.	1.6	4
79	A Complete 16 μ m Selected Galaxy Sample at $z \sim 1$: Mid-infrared Spectral Energy Distributions. <i>Astrophysical Journal</i> , 2021, 912, 161.	1.6	3
80	The Impact of Infrared Array Technology on Astronomy. <i>Symposium - International Astronomical Union</i> , 1995, 167, 93-93.	0.1	1
81	The Building of Galactic Disks: Insights from the Triangulum Spiral Galaxy Messier 33. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 29-35.	0.0	1
82	Trajectory and physical properties of near-Earth asteroid 2009 BD. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 142-145.	0.0	1