

Hai Fu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 798, 7.	4.5	1,119
2	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
3	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	7.7	796
4	A dust-obscured massive maximum-starburst galaxy at a redshift of 6.34. <i>Nature</i> , 2013, 496, 329-333.	27.8	474
5	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	7.7	406
6	THE DATA REDUCTION PIPELINE FOR THE SDSS-IV MaNGA IFU GALAXY SURVEY. <i>Astronomical Journal</i> , 2016, 152, 83.	4.7	323
7	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
8	SDSS-IV MaNGA IFS GALAXY SURVEY—SURVEY DESIGN, EXECUTION, AND INITIAL DATA QUALITY. <i>Astronomical Journal</i> , 2016, 152, 197.	4.7	266
9	GRAVITATIONAL LENS MODELS BASED ON SUBMILLIMETER ARRAY IMAGING OF <i>HERSCHEL</i> -SELECTED STRONGLY LENSED SUB-MILLIMETER GALAXIES AT $z > 1.5$. <i>Astrophysical Journal</i> , 2013, 779, 25.	4.5	163
10	HerMES: CANDIDATE GRAVITATIONALLY LENSED GALAXIES AND LENSING STATISTICS AT SUBMILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2013, 762, 59.	4.5	147
11	EVOLUTION OF GALAXIES AND THEIR ENVIRONMENTS AT $z = 0.1-3$ IN COSMOS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 3.	7.7	146
12	THE NATURE OF DOUBLE-PEAKED [O III] ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2012, 745, 67.	4.5	122
13	The rapid assembly of an elliptical galaxy of 400 billion solar masses at a redshift of 2.3. <i>Nature</i> , 2013, 498, 338-341.	27.8	119
14	MERGERS IN DOUBLE-PEAKED [O III] ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2011, 733, 103.	4.5	96
15	EXTENDED EMISSION-LINE REGIONS: REMNANTS OF QUASAR SUPERWINDS?. <i>Astrophysical Journal</i> , 2009, 690, 953-973.	4.5	90
16	A COMPREHENSIVE VIEW OF A STRONGLY LENSED <i>PLANCK</i> -ASSOCIATED SUBMILLIMETER GALAXY. <i>Astrophysical Journal</i> , 2012, 753, 134.	4.5	89
17	HerMES: ALMA IMAGING OF <i>HERSCHEL</i> -SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 812, 43.	4.5	88
18	A KILOPARSEC-SCALE BINARY ACTIVE GALACTIC NUCLEUS CONFIRMED BY THE EXPANDED VERY LARGE ARRAY. <i>Astrophysical Journal Letters</i> , 2011, 740, L44.	8.3	84

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19	P-MaNGA: full spectral fitting and stellar population maps from prototype observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 328-360.	4.4	74
20	P-MaNGA: GRADIENTS IN RECENT STAR FORMATION HISTORIES AS DIAGNOSTICS FOR GALAXY GROWTH AND DEATH. <i>Astrophysical Journal</i> , 2015, 804, 125.	4.5	65
21	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THE HERSCHEL WIDE AREA SURVEYS*. <i>Astrophysical Journal</i> , 2016, 823, 17.	4.5	65
22	SDSS-IV MaNGA: properties of galaxies with kinematically decoupled stellar and gaseous components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 913-926.	4.4	59
23	THE INTRINSIC SCATTER ALONG THE MAIN SEQUENCE OF STAR-FORMING GALAXIES AT $z \approx 0.7$. <i>Astrophysical Journal</i> , 2013, 778, 23.	4.5	56
24	RADIO-SELECTED BINARY ACTIVE GALACTIC NUCLEI FROM THE VERY LARGE ARRAY STRIPE 82 SURVEY. <i>Astrophysical Journal</i> , 2015, 799, 72.	4.5	49
25	A DETAILED GRAVITATIONAL LENS MODEL BASED ON SUBMILLIMETER ARRAY AND KECK ADAPTIVE OPTICS IMAGING OF A HERSCHEL-ATLAS SUBMILLIMETER GALAXY AT $z = 4.243$. <i>Astrophysical Journal</i> , 2012, 756, 134.	4.5	45
26	CHANDRA, KECK, AND VLA OBSERVATIONS OF THE CRAB NEBULA DURING THE 2011-APRIL GAMMA-RAY FLARE. <i>Astrophysical Journal</i> , 2013, 765, 56.	4.5	40
27	LENS MODELS OF HERSCHEL-SELECTED GALAXIES FROM HIGH-RESOLUTION NEAR-IR OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 797, 138.	4.5	40
28	DECOMPOSING STAR FORMATION AND ACTIVE GALACTIC NUCLEUS WITH SPITZER MID-INFRARED SPECTRA: LUMINOSITY FUNCTIONS AND CO-EVOLUTION. <i>Astrophysical Journal</i> , 2010, 722, 653-667.	4.5	38
29	THE STAR FORMATION MAIN SEQUENCE: THE DEPENDENCE OF SPECIFIC STAR FORMATION RATE AND ITS DISPERSION ON GALAXY STELLAR MASS. <i>Astrophysical Journal Letters</i> , 2015, 808, L49.	8.3	36
30	The growth of the central region by acquisition of counterrotating gas in star-forming galaxies. <i>Nature Communications</i> , 2016, 7, 13269.	12.8	36
31	SDSS-IV MaNGA: bulge-disc decomposition of IFU data cubes (BUDDI). <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2317-2341.	4.4	36
32	BINARY ACTIVE GALACTIC NUCLEI IN STRIPE 82: CONSTRAINTS ON SYNCHRONIZED BLACK HOLE ACCRETION IN MAJOR MERGERS. <i>Astrophysical Journal Letters</i> , 2015, 815, L6.	8.3	34
33	Herschel-ATLAS and ALMA. <i>Astronomy and Astrophysics</i> , 2014, 568, A92.	5.1	33
34	SDSS-IV MaNGA: Galaxy Pair Fraction and Correlated Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2018, 856, 93.	4.5	31
35	QSO extended emission-line regions. <i>New Astronomy Reviews</i> , 2006, 50, 694-700.	12.8	29
36	Integral Field Spectroscopy of the Extended Emission-Line Region of 4C 37.43. <i>Astrophysical Journal</i> , 2007, 666, 794-805.	4.5	29

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37	The Nature of Optical Features in the Inner Region of the 3C 48 Host Galaxy. <i>Astrophysical Journal</i> , 2007, 659, 195-204.	4.5	27
38	About AGN ionization echoes, thermal echoes and ionization deficits in low-redshift Ly α blobs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1554-1586.	4.4	24
39	FR II QUASARS: INFRARED PROPERTIES, STAR FORMATION RATES, AND EXTENDED IONIZED GAS. <i>Astrophysical Journal</i> , 2009, 696, 1693-1699.	4.5	21
40	ACCRETION PROPERTIES OF HIGH- AND LOW-EXCITATION YOUNG RADIO GALAXIES. <i>Astrophysical Journal</i> , 2012, 757, 140.	4.5	21
41	SDSS-IV MaNGA: The Roles of AGNs and Dynamical Processes in Star Formation Quenching in Nearby Disk Galaxies. <i>Astrophysical Journal</i> , 2019, 870, 19.	4.5	21
42	Identifying near-Earth object families. <i>Icarus</i> , 2005, 178, 434-449.	2.5	18
43	A Common Origin for Quasar Extended Emission-Line Regions and Their Broad-Line Regions. <i>Astrophysical Journal</i> , 2007, 664, L75-L78.	4.5	18
44	HerMES: THE FAR-INFRARED EMISSION FROM DUST-OBSCURED GALAXIES. <i>Astrophysical Journal</i> , 2013, 775, 61.	4.5	17
45	Integral Field Spectroscopy of the Extended Emission-Line Region of 3C 249.1. <i>Astrophysical Journal</i> , 2006, 650, 80-87.	4.5	16
46	The Host Galaxy and the Extended Emission-Line Region of the Radio Galaxy 3C 79. <i>Astrophysical Journal</i> , 2008, 677, 79-91.	4.5	16
47	Extended X-Ray Emission from QSOs. <i>Astrophysical Journal</i> , 2006, 638, 635-641.	4.5	15
48	IMAGING THE ENVIRONMENT OF A $z = 6.3$ SUBMILLIMETER GALAXY WITH SCUBA-2. <i>Astrophysical Journal</i> , 2014, 793, 11.	4.5	15
49	X-Ray Properties of Radio-selected Dual Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 883, 50.	4.5	15
50	DISCOVERY OF MASSIVE, MOSTLY STAR FORMATION QUENCHED GALAXIES WITH EXTREMELY LARGE Ly α EQUIVALENT WIDTHS AT $z \sim 3$. <i>Astrophysical Journal Letters</i> , 2015, 809, L7.	8.3	14
51	Herschel and Hubble Study of a Lensed Massive Dusty Starbursting Galaxy at $z \sim 3$. <i>Astrophysical Journal</i> , 2017, 844, 82.	4.5	12
52	A Long Stream of Metal-poor Cool Gas around a Massive Starburst Galaxy at $z = 2.67$. <i>Astrophysical Journal</i> , 2021, 908, 188.	4.5	11
53	SDSS IV MaNGA: Discovery of an H α Blob Associated with a Dry Galaxy Pair—Ejected Gas or a “Dark” Galaxy Candidate?. <i>Astrophysical Journal</i> , 2017, 837, 32.	4.5	10
54	SPITZER IMAGING OF STRONGLY LENSED HERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 814, 17.	4.5	9

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55	MULTI-WAVELENGTH LENS RECONSTRUCTION OF A PLANCK AND HERSCHEL-DETECTED STAR-BURSTING GALAXY. <i>Astrophysical Journal</i> , 2016, 829, 21.	4.5	9
56	THE CIRCUMGALACTIC MEDIUM OF SUBMILLIMETER GALAXIES. I. FIRST RESULTS FROM A RADIO-IDENTIFIED SAMPLE. <i>Astrophysical Journal</i> , 2016, 832, 52.	4.5	9
57	The Evolution of Molecular Gas Fraction Traced by the CO Tully-Fisher Relation. <i>Astrophysical Journal Letters</i> , 2018, 869, L37.	8.3	9
58	SDSS-IV MaNGA: The Radial Profile of Enhanced Star Formation in Close Galaxy Pairs. <i>Astrophysical Journal</i> , 2021, 909, 120.	4.5	9
59	EXTINCTION AND NEBULAR LINE PROPERTIES OF A HERSCHEL-SELECTED LENSED DUSTY STARBURST AT $z = 1.027$. <i>Astrophysical Journal</i> , 2015, 805, 140.	4.5	8
60	Morphologies in a Cluster of Extremely Red Galaxies with Old Stellar Populations at $z = 1.34$. <i>Astrophysical Journal</i> , 2005, 632, 831-840.	4.5	8
61	A Photometry Campaign for IR Geminorum in Quiescence. <i>Research in Astronomy and Astrophysics</i> , 2004, 4, 88-96.	1.1	7
62	Flat Rotation Curves Found in Merging Dusty Starbursts at $z = 2.3$ through Tilted-ring Modeling. <i>Astrophysical Journal Letters</i> , 2018, 864, L11.	8.3	7
63	The Circumgalactic Medium of Submillimeter Galaxies. II. Unobscured QSOs within Dusty Starbursts and QSO Sightlines with Impact Parameters below 100 kpc. <i>Astrophysical Journal</i> , 2017, 844, 123.	4.5	6
64	Variability Selected Active Galactic Nuclei from ASAS-SN Survey: Constraining the Low Luminosity AGN Population. <i>Astrophysical Journal</i> , 2022, 930, 110.	4.5	5
65	SDSS-IV MaNGA: The Nature of an Off-galaxy $H\alpha$ Blob - A Multiwavelength View of Offset Cooling in a Merging Galaxy Group. <i>Astrophysical Journal</i> , 2020, 903, 16.	4.5	4
66	Strange Stars: Can Their Crust Reach the Neutron Drip Density?. <i>Research in Astronomy and Astrophysics</i> , 2003, 3, 535-542.	1.1	1