

# Juan Antonio Fernández Ontiveros

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,033  
citations

471509

17  
h-index

434195

31  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1759  
citing authors

#	ARTICLE	IF	CITATIONS
1	SOFIA Observations of Far-IR Fine-structure Lines in Galaxies to Measure Metallicity. <i>Astrophysical Journal</i> , 2022, 926, 55.	4.5	5
2	Galaxy evolution through infrared and submillimetre spectroscopy: Measuring star formation and black hole accretion with JWST and ALMA. <i>Publications of the Astronomical Society of Australia</i> , 2022, 39, .	3.4	1
3	X-ray binary accretion states in active galactic nuclei? Sensing the accretion disc of supermassive black holes with mid-infrared nebular lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5726-5740.	4.4	20
4	Dust in the central parsecs of unobscured AGN: more challenges to the torus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 562-580.	4.4	5
5	Molecular gas kinematics in the nuclear region of nearby Seyfert galaxies with ALMA. <i>Astronomy and Astrophysics</i> , 2021, 654, A24.	5.1	9
6	Measuring chemical abundances with infrared nebular lines: HII-CHI-MISTRY-IR. <i>Astronomy and Astrophysics</i> , 2021, 652, A23.	5.1	9
7	Calibration of mid- to far-infrared spectral lines in galaxies. <i>Astronomy and Astrophysics</i> , 2021, 653, A36.	5.1	6
8	Mid-IR cosmological spectrophotometric surveys from space: Measuring AGN and star formation at the cosmic noon with a SPICA-like mission. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	4
9	The role of SPICA-like missions and the Origins Space Telescope in the quest for heavily obscured AGN and synergies with Athena. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	2
10	Simulating infrared spectro-photometric surveys with a Spritz. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	0
11	Discovery of optical outflows and inflows in the black hole candidate GRSÂ1716â~249. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 25-32.	4.4	13
12	Low optical polarization at the core of the optically thin jet of M87. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2204-2212.	4.4	2
13	A CO molecular gas wind 340 pc away from the Seyfert 2 nucleus in ESO 420-G13 probes an elusive radio jet. <i>Astronomy and Astrophysics</i> , 2020, 633, A127.	5.1	18
14	Herschel/PACS OH Spectroscopy of Seyfert, LINER, and Starburst Galaxies*. <i>Astrophysical Journal</i> , 2020, 905, 57.	4.5	7
15	Optical spectroscopy of 4U 1812â€“12. <i>Astronomy and Astrophysics</i> , 2020, 644, A63.	5.1	2
16	From kpcs to the central parsec of NGC 1097: feeding star formation and a black hole at the same time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3264-3276.	4.4	19
17	A compact jet at the infrared heart of the prototypical low-luminosity AGN in NGC 1052. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5377-5393.	4.4	15
18	AGN types and unification model. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 29-43.	0.0	4

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19	Unveiling the physical processes that regulate galaxy evolution with SPICA observations. Proceedings of the International Astronomical Union, 2019, 15, 17-22.	0.0	0
20	Elusive accretion discs in low luminosity AGN. Proceedings of the International Astronomical Union, 2019, 15, 97-97.	0.0	0
21	The physics of galaxy evolution with SPICA observations. Proceedings of the International Astronomical Union, 2019, 15, 72-77.	0.0	0
22	Probing the Baryon Cycle of Galaxies with <i>SPICA</i> Mid- and Far-Infrared Observations. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	11
23	Discovery of massive star formation quenching by non-thermal effects in the centre of NGC 1097. Nature Astronomy, 2018, 2, 83-89.	10.1	25
24	Powerful mechanical-driven outflows in the central parsecs of the low-luminosity active galactic nucleus ESO 428-G14. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 481, L105-L109.	3.3	24
25	The 1989 and 2015 outbursts of V404 Cygni: a global study of wind-related optical features. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2646-2665.	4.4	23
26	Embedded AGN and star formation in the central 80 pc of IC 3639. Astronomy and Astrophysics, 2018, 611, A46.	5.1	6
27	Probing the high-redshift universe with SPICA: Toward the epoch of reionisation and beyond. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	14
28	Twinkle little stars: Massive stars are quenched in strong magnetic fields. Proceedings of the International Astronomical Union, 2018, 14, 118-118.	0.0	0
29	A lower limit to the accretion disc radius in the low-luminosity AGN NGC 1052 derived from high-angular resolution data. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 478, L122-L126.	3.3	5
30	Probing the cold and warm molecular gas in the Whirlpool Galaxy: Herschel SPIRE-FTS observations of the central region of M51 (NGC 5194). Monthly Notices of the Royal Astronomical Society, 2017, 470, 4989-5006.	4.4	6
31	Unbiased Large Spectroscopic Surveys of Galaxies Selected by SPICA Using Dust Bands. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	12
32	Tracing the Evolution of Dust Obscured Star Formation and Accretion Back to the Reionisation Epoch with <i>SPICA</i> . Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	15
33	Galaxy Evolution Studies with the <i>SPace</i> IR Telescope for Cosmology and Astrophysics ( <i>SPICA</i> ): The Power of IR Spectroscopy. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	32
34	<i>SPICA</i> and the Chemical Evolution of Galaxies: The Rise of Metals and Dust. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	15
35	Feedback and Feeding in the Context of Galaxy Evolution with <i>SPICA</i> : Direct Characterisation of Molecular Outflows and Inflows. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	13
36	Powerful outflows in the central parsecs of the low-luminosity active galactic nucleus NGC 1386. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2845-2860.	4.4	31

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37	The Herschel Exploitation of Local Galaxy Andromeda (HELGA). <i>Astronomy and Astrophysics</i> , 2017, 599, A64.	5.1	57
38	The nuclear dust lane of Circinus: collimation without a torus. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 457, L94-L98.	3.3	13
39	FAR-INFRARED LINE SPECTRA OF ACTIVE GALAXIES FROM THE HERSCHEL/PACS SPECTROMETER: THE COMPLETE DATABASE. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 19.	7.7	65
40	Elusive Accretion Discs in Low Luminosity AGN. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 192-195.	0.0	0
41	The central parsecs of M87: jet emission and an elusive accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3801-3816.	4.4	110
42	The imprint of rapid star formation quenching on the spectral energy distributions of galaxies. <i>Astronomy and Astrophysics</i> , 2016, 585, A43.	5.1	81
43	A CONNECTION BETWEEN PLASMA CONDITIONS NEAR BLACK HOLE EVENT HORIZONS AND OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2015, 814, 139.	4.5	38
44	The warm molecular gas and dust of Seyfert galaxies: two different phases of accretion?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 4128-4144.	4.4	20
45	The central parsecs of active galactic nuclei: challenges to the torus.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2145-2164.	4.4	34
46	The innermost globular clusters of M87.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1350-1362.	4.4	10
47	The nature of the IR emission in LLAGN at parsec scales. <i>EPJ Web of Conferences</i> , 2013, 61, 04005.	0.3	1
48	The SED of Low-Luminosity AGNs at high-spatial resolution. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012006.	0.4	17
49	Undressing M87 by Exposing its Most Private Globulars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 318-318.	0.0	0
50	Active Galactic Nuclei at Parsec Scales. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 249-250.	3.1	1
51	The most recent burst of star formation in the massive elliptical galaxy NGC 1052. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 411, L21-L25.	3.3	15
52	THE STELLAR KINEMATIC CENTER AND THE TRUE GALACTIC NUCLEUS OF NGC 253. <i>Astrophysical Journal</i> , 2010, 716, 1166-1177.	4.5	57
53	The spectral energy distribution of the central parsecs of the nearest AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 724-744.	4.4	92
54	The nucleus of NGC 253 and its massive stellar clusters at parsec scales. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 392, L16-L20.	3.3	47

#	ARTICLE	IF	CITATIONS
55	CO kinematics unveil outflows plausibly driven by a young jet in the gigahertz peaked radio core of NGC 6328. <i>Astronomische Nachrichten</i> , 0, , .	1.2	2