Ivan Delvecchio

List of Publications by Year
in descending order

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66 papers	3,507 citations	186265 28 h-index	138484 58 g-index
69 all docs	69 docs citations	69 times ranked	3163 citing authors

#	Article	IF	Citations
1	The Herschelâ˜… PEP/HerMES luminosity function â€“ I. Probing the evolution of PACS selected Galaxies to z â‰ƒ 4. Monthly Notices of the Royal Astronomical Society, 2013, 432, 23-52.	4.4	341
2	BAT AGN Spectroscopic Survey. V. X-Ray Properties of the Swift /BAT 70-month AGN Catalog. Astrophysical Journal, Supplement Series, 2017, 233, 17.	7.7	318
3	The COSMOS2015 galaxy stellar mass function. Astronomy and Astrophysics, 2017, 605, A70.	5.1	283
4	The VLA-COSMOS 3 GHz Large Project: Continuum data and source catalog release. Astronomy and Astrophysics, 2017, 602, A1.	5.1	230
5	Tracing the cosmic growth of supermassive black holes to zÂâ¼Â3 with Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2736-2754.	4.4	150
6	The VLA-COSMOS 3â€‰GHz Large Project: The infrared-radio correlation of star-forming galaxies and AGN to z â‰² 6. Astronomy and Astrophysics, 2017, 602, A4.	5.1	126
7	The VLA-COSMOS 3 GHz Large Project: Multiwavelength counterparts and the composition of the faint radio population. Astronomy and Astrophysics, 2017, 602, A2.	5.1	121
8	The VLA-COSMOS 3 GHz Large Project: AGN and host-galaxy properties out tozâ€‰â‰²â€‰6. Astronomy and Astrophysics, 2017, 602, A3.	5.1	113
9	â€œSuper-deblendedâ€•Dust Emission in Galaxies. II. Far-IR to (Sub)millimeter Photometry and High-redshift Galaxy Candidates in the Full COSMOS Field. Astrophysical Journal, 2018, 864, 56.	4.5	108
10	The VLA-COSMOS 3 GHz Large Project: Cosmic star formation history sincez~ 5. Astronomy and Astrophysics, 2017, 602, A5.	5.1	100
11	The VLA-COSMOS 3 GHz Large Project: Cosmic evolution of radio AGN and implications for radio-mode feedback sincezâ€‰~â€‰5. Astronomy and Astrophysics, 2017, 602, A6.	5.1	84
12	Compton thick AGN in the XMM-COSMOS survey. Astronomy and Astrophysics, 2015, 573, A137.	5.1	77
13	Active galactic nuclei vs. host galaxy properties in the COSMOS field. Astronomy and Astrophysics, 2017, 602, A123.	5.1	75
14	Mapping the average AGN accretion rate in the SFRâ€“M* plane for Herschelâ˜…-selected galaxies at 0Â<ÂzÂâ‰Â2.5. Monthly Notices of the Royal Astronomical Society, 2015, 449, 373-389.	4.4	73
15	Star formation inHerschel's Monsters versus semi-analytic models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3419-3426.	4.4	64
16	An ALMA survey of submillimeter galaxies in the COSMOS field: Multiwavelength counterparts and redshift distribution. Astronomy and Astrophysics, 2017, 608, A15.	5.1	63
17	An ALMA survey of submillimetre galaxies in the COSMOS field: Physical properties derived from energy balance spectral energy distribution modelling. Astronomy and Astrophysics, 2017, 606, A17.	5.1	61
18	RELATIONSHIP BETWEEN STAR FORMATION RATE AND BLACK HOLE ACCRETION AT z = 2: THE DIFFERENT CONTRIBUTIONS IN QUIESCENT, NORMAL, AND STARBURST GALAXIES. Astrophysical Journal Letters, 2015, 800, L10.	8.3	56

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19	The VIMOS Ultra-Deep Survey: Emerging from the dark, a massive proto-cluster at z ~ 4.57. Astronomy and Astrophysics, 2018, 615, A77.	5.1	55
20	The infrared-radio correlation of star-forming galaxies is stronglyM_{â†}-dependent but nearly redshift-invariant sincezâ¼ 4. Astronomy and Astrophysics, 2021, 647, A123.	5.1	54
21	ALMA view of a massive spheroid progenitor: a compact rotating core of molecular gas in an AGN host at zâ€‰=â€‰2.226. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3956-3963.	4.4	50
22	The Main Sequence at zÂâ¼Â1.3 Contains a Sizable Fraction of Galaxies with Compact Star Formation Sizes: A New Population of Early Post-starbursts?. Astrophysical Journal Letters, 2019, 877, L23.	8.3	48
23	The faint radio sky: VLBA observations of the COSMOS field. Astronomy and Astrophysics, 2017, 607, A132.	5.1	46
24	SINFONI spectra of heavily obscured AGNs in COSMOS: Evidence of outflows in a MIR/O target atz~ 2.5. Astronomy and Astrophysics, 2015, 583, A72.	5.1	46
25	A fast ionised wind in a star-forming quasar system atz~ 1.5 resolved through adaptive optics assisted near-infrared data. Astronomy and Astrophysics, 2016, 588, A58.	5.1	42
26	The clustering and bias of radio-selected AGN and star-forming galaxies in the COSMOS field. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4133-4150.	4.4	36
27	The Typical Massive Quiescent Galaxy at zÂâ¼Â3 is a Post-starburst. Astrophysical Journal Letters, 2020, 892, L2.	8.3	35
28	The AGN content in luminous infrared galaxies at zâ¼ 2 from a global SED analysis including Herschel data. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1909-1920.	4.4	30
29	Probing black hole accretion tracks, scaling relations, and radiative efficiencies from stacked X-ray active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1500-1511.	4.4	28
30	The Evolving Interstellar Medium of Star-forming Galaxies, as Traced by Stardust*. Astrophysical Journal, 2021, 921, 40.	4.5	28
31	The infraredâ€“radio correlation of spheroid- and disc-dominated star-forming galaxies to zÂâ¼Â1.5 in the COSMOS field. Monthly Notices of the Royal Astronomical Society, 2018, 475, 827-838.	4.4	27
32	The most obscured AGN in the COSMOS field. Astronomy and Astrophysics, 2015, 578, A120.	5.1	26
33	An ALMA survey of submillimetre galaxies in the COSMOS field: The extent of the radio-emitting region revealed by 3 GHz imaging with the Very Large Array. Astronomy and Astrophysics, 2017, 602, A54.	5.1	24
34	(Sub)millimetre interferometric imaging of a sample of COSMOS/AzTEC submillimetre galaxies. Astronomy and Astrophysics, 2017, 597, A4.	5.1	24
35	MIGHTEE: are giant radio galaxies more common than we thought?. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3833-3845.	4.4	24
36	Radio Selection of the Most Distant Galaxy Clusters. Astrophysical Journal Letters, 2017, 846, L31.	8.3	21

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37	The VLA-COSMOS 3 GHz Large Project: Average radio spectral energy distribution of highly star-forming galaxies. Astronomy and Astrophysics, 2019, 621, A139.	5.1	21
38	Herschel far-IR counterparts of SDSS galaxies: analysis of commonly used star formation rate estimates. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2-23.	4.4	20
39	Constraints on submicrojansky radio number counts based on evolving VLA-COSMOS luminosity functions. Astronomy and Astrophysics, 2018, 614, A47.	5.1	20
40	The dust mass function from z âˆ¼0 to z âˆ¼2.5. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5073-5082.	4.4	20
41	Coevolution of black hole accretion and star formation in galaxies up to z = 3.5. Astronomy and Astrophysics, 2020, 642, A65.	5.1	20
42	Deep Extragalactic VIsible Legacy Survey (DEVILS): identification of AGN through SED fitting and the evolution of the bolometric AGN luminosity function. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4940-4961.	4.4	20
43	A New Estimate of the Cosmic Star Formation Density from a Radio-selected Sample, and the Contribution of H-dark Galaxies at z â‰¥ 3. Astrophysical Journal, 2022, 927, 204.	4.5	20
44	The VLA-COSMOS 3 GHz Large Project: Star formation properties and radio luminosity functions of AGN with moderate-to-high radiative luminosities out to zâˆ¼ 6. Astronomy and Astrophysics, 2018, 620, A192.	5.1	19
45	Linear radio size evolution of Î¼Jy populations. Astronomy and Astrophysics, 2018, 618, L8.	5.1	19
46	Merger induced clump formation in distant infrared luminous starburst galaxies. Astronomy and Astrophysics, 2019, 632, A98.	5.1	19
47	Evidence for Cold-stream to Hot-accretion Transition as Traced by LyÎ± Emission from Groups and Clusters at 2 < z < 3.3. Astrophysical Journal Letters, 2022, 926, L21.	8.3	19
48	An Ancient Massive Quiescent Galaxy Found in a Gas-rich z âˆ¼ 3 Group. Astrophysical Journal Letters, 2021, 917, L17.	8.3	18
49	The Evolving AGN Duty Cycle in Galaxies Since zÂâˆ¼Â3 as Encoded in the X-Ray Luminosity Function. Astrophysical Journal, 2020, 892, 17.	4.5	18
50	(Sub)millimetre interferometric imaging of a sample of COSMOS/AzTEC submillimetre galaxies. Astronomy and Astrophysics, 2017, 597, A5.	5.1	17
51	Deciphering an evolutionary sequence of merger stages in infrared-luminous starburst galaxies atzâˆ¼ 0.7. Astronomy and Astrophysics, 2019, 623, A64.	5.1	15
52	AGN Selection Methods Have Profound Impacts on the Distributions of Host-galaxy Properties. Astrophysical Journal, 2022, 925, 74.	4.5	15
53	SMBH accretion properties of radio-selected AGN out to zÂâˆ¼ 4. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4971-4983.	4.4	14
54	The Galaxyâ€™s Gas Content Regulated by the Dark Matter Halo Mass Results in a Superlinear M_{BH}â€“M_{â‹†} Relation. Astrophysical Journal Letters, 2019, 885, L36.	8.3	14

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55	The XXL Survey. Astronomy and Astrophysics, 2019, 625, A111.	5.1	13
56	The XXL Survey. Astronomy and Astrophysics, 2018, 620, A16.	5.1	12
57	The XXL Survey. Astronomy and Astrophysics, 2018, 620, A6.	5.1	10
58	The <scp>XXL</scp> survey: First results and future. Astronomische Nachrichten, 2017, 338, 334-341.	1.2	9
59	Active Galactic Nuclei in Dusty Starbursts at zÂ=Â2: Feedback Still to Kick in. Astrophysical Journal Letters, 2019, 877, L38.	8.3	9
60	VLBA+GBT observations of the COSMOS field and radio source counts at 1.4 GHz. Astronomy and Astrophysics, 2018, 616, A128.	5.1	8
61	A titanic interstellar medium ejection from a massive starburst galaxy at redshiftâ€‰1.4. Nature Astronomy, 2021, 5, 319-330.	10.1	8
62	On the Kennicutt-Schmidt scaling law of submillimetre galaxies. Astronomy and Astrophysics, 2017, 602, L9.	5.1	7
63	Feedback factory: multiple faint radio jets detected in a cluster at zÂ=Â2. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1174-1186.	4.4	3
64	An Eddington ratio-driven origin for the LX â^' M* relation in quiescent and star-forming active galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1185-1195.	4.4	3
65	Average radio spectral energy distribution of highly star-forming galaxies. Proceedings of the International Astronomical Union, 2017, 12, 191-194.	0.0	0
66	Cosmic evolution of AGN with moderate-to-high radiative luminosity in the COSMOS field. Proceedings of the International Astronomical Union, 2017, 12, 195-198.	0.0	0