Filippo Fraternali

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2608628/publications.pdf

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68	3,580	117625	133252
papers	citations	34 h-index	59 g-index

70	70	70	2553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cold gas accretion in galaxies. Astronomy and Astrophysics Review, 2008, 15, 189-223.	25.5	416
2	The Cold Gaseous Halo of NGC 891. Astronomical Journal, 2007, 134, 1019-1036.	4.7	250
3	Deep H [CSC]i[/CSC] Survey of the Spiral Galaxy NGC 2403. Astronomical Journal, 2002, 123, 3124-3140.	4.7	190
4	Accretion of gas on to nearby spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 386, 935-944.	4.4	187
5	A dynamical model for the extraplanar gas in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 366, 449-466.	4.4	160
6	Unveiling the corona of the Milky Way via ram-pressure stripping of dwarf satellites. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2749-2763.	4.4	106
7	Supernova-driven gas accretion in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1107-1120.	4.4	100
8	Dynamics of starbursting dwarf galaxies. Astronomy and Astrophysics, 2014, 566, A71.	5.1	98
9	Do high-velocity clouds form by thermal instability?. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1804-1815.	4.4	97
10	A New, Kinematically Anomalous H [CSC]i[/CSC] Component in the Spiral Galaxy NGC 2403. Astrophysical Journal, 2001, 562, L47-L50.	4.5	96
11	Galactic fountains and the rotation of disc-galaxy coronae. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1534-1542.	4.4	91
12	The triggering of starbursts in low-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1694-1712.	4.4	78
13	Off the Baryonic Tullyâ€“Fisher Relation: A Population of Baryon-dominated Ultra-diffuse Galaxies. Astrophysical Journal Letters, 2019, 883, L33.	8.3	76
14	Volumetric star formation laws of disc galaxies. Astronomy and Astrophysics, 2019, 622, A64.	5.1	73
15	Peak star formation efficiency and no missing baryons in massive spirals. Astronomy and Astrophysics, 2019, 626, A56.	5.1	69
16	The mode of gas accretion on to star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	68
17	Clouds, Streams and Bridges. Redrawing the blueprint of the Magellanic System with Gaia DR1. Monthly Notices of the Royal Astronomical Society, 0, , stw3357.	4.4	68
18	The angular momentum-mass relation: a fundamental law from dwarf irregulars to massive spirals. Astronomy and Astrophysics, 2018, 612, L6.	5.1	68

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19	Gas Accretion via Condensation and Fountains. Astrophysics and Space Science Library, 2017, , 323-353.	2.7	66
20	Starburst to Quiescent from HST/ALMA: Stars and Dust Unveil Minor Mergers in Submillimeter Galaxies at zÂâˆ¼Â4.5. Astrophysical Journal, 2018, 856, 121.	4.5	65
21	Robust Hâ€‰i kinematics of gas-rich ultra-diffuse galaxies: hints of a weak-feedback formation scenario. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3636-3655.	4.4	56
22	Estimating gas accretion in disc galaxies using the Kennicutt-Schmidt law. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2166-2177.	4.4	54
23	Accretion, radial flows and abundance gradients in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2308-2322.	4.4	54
24	A massive stellar bulge in a regularly rotating galaxy 1.2 billion years after the Big Bang. Science, 2021, 371, 713-716.	12.6	53
25	Dynamical properties of z âˆ¼4.5 dusty star-forming galaxies and their connection with local early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3952-3984.	4.4	53
26	Prolate rotation and metallicity gradient in the transforming dwarf galaxy Phoenix. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2006-2023.	4.4	51
27	A scaling relation for disc galaxies: circular-velocity gradient versus central surface brightness. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 433, L30-L34.	3.3	47
28	No need for dark matter: resolved kinematics of the ultra-diffuse galaxy AGC 114905. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3230-3242.	4.4	47
29	IONIZED ABSORBERS AS EVIDENCE FOR SUPERNOVA-DRIVEN COOLING OF THE LOWER GALACTIC CORONA. Astrophysical Journal Letters, 2013, 764, L21.	8.3	44
30	Evolution of dwarf galaxies: a dynamical perspective. Astronomy and Astrophysics, 2014, 563, A27.	5.1	41
31	Galaxy spin as a formation probe: the stellar-to-halo specific angular momentum relation. Monthly Notices of the Royal Astronomical Society, 2018, 475, 232-243.	4.4	41
32	HALOGAS: the properties of extraplanar HI in disc galaxies. Astronomy and Astrophysics, 2019, 631, A50.	5.1	40
33	Evidence for supernova feedback sustaining gas turbulence in nearby star-forming galaxies. Astronomy and Astrophysics, 2020, 641, A70.	5.1	40
34	The baryonic specific angular momentum of disc galaxies. Astronomy and Astrophysics, 2021, 647, A76.	5.1	38
35	S0 galaxies are faded spirals: clues from their angular momentum content. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2137-2167.	4.4	36
36	Diffuse Xâ€Ray Emission from the Spiral Galaxy NGC 2403 Discovered withChandra. Astrophysical Journal, 2002, 578, 109-113.	4.5	36

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37	Galaxy disc scaling relations: A tight linear galaxyâ€“halo connection challenges abundance matching. Astronomy and Astrophysics, 2019, 629, A59.	5.1	34
38	On the origin of the warmâ€“hot absorbers in the Milky Way's halo. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1634-1647.	4.4	33
39	Fast rotating and low-turbulence discs at zâ€„â‰ƒâ€„4.5: Dynamical evidence of their evolution into local early-type galaxies. Astronomy and Astrophysics, 2021, 647, A194.	5.1	31
40	A tight angular-momentum plane for disc galaxies. Astronomy and Astrophysics, 2021, 651, L15.	5.1	27
41	The effect of stellar feedback on a Milky Way-like galaxy and its gaseous halo. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4223-4237.	4.4	26
42	Cool circumgalactic gas of passive galaxies from cosmological inflow. Astronomy and Astrophysics, 2019, 625, A11.	5.1	23
43	The volumetric star formation law for nearby galaxies. Astronomy and Astrophysics, 2020, 644, A125.	5.1	22
44	A novel 3D technique to study the kinematics of lensed galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5606-5629.	4.4	21
45	Neutral versus ionized gas kinematics at z â‰ƒ 2.6: the AGN-host starburst galaxy PKSâ€‰0529-549. Monthly Notices of the Royal Astronomical Society, 2018, 479, 5440-5447.	4.4	21
46	H ii REGIONS WITHIN A COMPACT HIGH VELOCITY CLOUD. A NEARLY STARLESS DWARF GALAXY?. Astrophysical Journal Letters, 2015, 800, L15.	8.3	20
47	Massive disc galaxies too dominated by dark matter in cosmological hydrodynamical simulations. Astronomy and Astrophysics, 2020, 640, A70.	5.1	20
48	Gaseous haloes: Linking galaxies to the IGM. New Astronomy Reviews, 2007, 51, 95-98.	12.8	18
49	The impact of gas disc flaring on rotation curve decomposition and revisiting baryonic and dark matter relations for nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3329-3348.	4.4	17
50	Stationary models for the extraplanar gas in disc galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2451-2462.	4.4	16
51	VLA Imaging of H i-bearing Ultra-diffuse Galaxies from the ALFALFA Survey. Astrophysical Journal, 2021, 909, 19.	4.5	14
52	Efficiency of thermal conduction in a magnetized circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1263-1278.	4.4	13
53	HALOGAS Observations of NGC 4559: Anomalous and Extraplanar H i and its Relation to Star Formation. Astrophysical Journal, 2017, 839, 118.	4.5	11
54	How can star formation be sustained?. Proceedings of the International Astronomical Union, 2013, 9, 228-239.	0.0	9

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55	A multiwavelength study of a massive, active galaxy at z âˆ¼ 2: coupling the kinematics of the ionized and molecular gas. Monthly Notices of the Royal Astronomical Society, 2019, 489, 681-698.	4.4	9
56	Voyage through the hidden physics of the cosmic web. Experimental Astronomy, 2021, 51, 1043-1079.	3.7	9
57	The role of the halo magnetic field on accretion through high-velocity clouds. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5756-5770.	4.4	9
58	A kinematic analysis of ionized extraplanar gas in the spiral galaxies NGC 3982 and NGC 4152. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3013-3028.	4.4	6
59	The impact of the halo spin-concentration relation on disc scaling laws. Astronomy and Astrophysics, 2020, 644, A76.	5.1	6
60	High Velocity Gas in the Halos of Spiral Galaxies. Symposium - International Astronomical Union, 2004, 217, 136-141.	0.1	3
61	The HI halo of spiral galaxies. Astrophysics and Space Science, 2004, 289, 377-380.	1.4	3
62	Holes and High Velocity H I in NGC 6946. Symposium - International Astronomical Union, 2004, 217, 142-143.	0.1	2
63	Gas Circulation and Galaxy Evolution. , 2010, , .		2
64	Modelling the gas kinematics in disk galaxies. EAS Publications Series, 2012, 56, 355-362.	0.3	2
65	Gaseous Haloes: Linking Galaxies to the IGM. Proceedings of the International Astronomical Union, 2006, 2, 297-299.	0.0	0
66	New evidence for halo gas accretion onto disk galaxies. Proceedings of the International Astronomical Union, 2008, 4, 255-262.	0.0	0
67	The WSRT HALOGAS Survey. , 2010, , .		0
68	Angular Momentum Accretion onto Disc Galaxies. Proceedings of the International Astronomical Union, 2018, 14, 228-232.	0.0	0