

Matteo Fossati

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

3,750
citations

109137

35
h-index

128067

60
g-index

69
all docs

69
docs citations

69
times ranked

2893
citing authors

#	ARTICLE	IF	CITATIONS
1	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2022, 659, A46.	2.1	8
2	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2022, 659, A45.	2.1	7
3	MUSE sneaks a peek at extreme ram-pressure stripping events – V. Towards a complete view of the galaxy cluster A1367. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5180-5197.	1.6	8
4	A universal correlation between warm and hot gas in the stripped tails of cluster galaxies. <i>Nature Astronomy</i> , 2022, 6, 270-274.	4.2	23
5	Ram pressure stripping in high-density environments. <i>Astronomy and Astrophysics Review</i> , 2022, 30, .	9.1	102
6	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2021, 646, A139.	2.1	31
7	The KMOS ^{3D} Survey: Investigating the Origin of the Elevated Electron Densities in Star-forming Galaxies at $1 \lesssim z \lesssim 3$. <i>Astrophysical Journal</i> , 2021, 909, 78.	1.6	19
8	MUSE analysis of gas around galaxies (MAGG) – III. The gas and galaxy environment of $z = 3$ –4.5 quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3044-3064.	1.6	40
9	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2021, 650, A99.	2.1	13
10	An H α /X-ray orphan cloud as a signpost of intracluster medium clumping. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4702-4716.	1.6	13
11	The BIG X-ray tail. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 508, L69-L73.	1.2	6
12	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4573-4599.	1.6	30
13	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2021, 645, A121.	2.1	11
14	The ram pressure stripped radio tails of galaxies in the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4654-4673.	1.6	37
15	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2020, 634, L1.	2.1	11
16	Direct Detection of Black Hole-driven Turbulence in the Centers of Galaxy Clusters. <i>Astrophysical Journal Letters</i> , 2020, 889, L1.	3.0	48
17	MUSE Analysis of Gas around Galaxies (MAGG) – I: Survey design and the environment of a near pristine gas cloud at $z \sim 3.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2057-2074.	1.6	36
18	Into the Ly α jungle: exploring the circumgalactic medium of galaxies at $z \sim 4$ –5 with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5336-5356.	1.6	17

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19	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2020, 644, A161.	2.1	15
20	MUSE Analysis of Gas around Galaxies (MAGG) – II: metal-enriched halo gas around $z \sim 1$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5022-5046.	1.6	47
21	The Regulation of Galaxy Growth along the Size–Mass Relation by Star Formation, as Traced by $H\alpha$ in KMOS $3D$ Galaxies at $0.7 \leq z \leq 2.7$. <i>Astrophysical Journal</i> , 2020, 892, 1.	1.6	54
22	The Kinematics of Massive Quiescent Galaxies at $1.4 \leq z \leq 2.1$: Dark Matter Fractions, IMF Variation, and the Relation to Local Early-type Galaxies*. <i>Astrophysical Journal</i> , 2020, 899, 87.	1.6	19
23	The Evolution and Origin of Ionized Gas Velocity Dispersion from $z \sim 2.6$ to $z \sim 0.6$ with KMOS $3D$ Galaxies. <i>Astrophysical Journal</i> , 2019, 880, 48.	1.6	84
24	The MUSE Ultra Deep Field (MUDF). II. Survey design and the gaseous properties of galaxy groups at $0.5 \leq z \leq 1.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1451-1469.	1.6	38
25	On the role of supermassive black holes in quenching star formation in local central galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1606-1618.	1.6	5
26	MUSE sneaks a peek at extreme ram-pressure stripping events – IV. Hydrodynamic and gravitational interactions in the Blue Infalling Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2212-2228.	1.6	24
27	A merger shock in Abell 1367. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 486, L36-L40.	1.2	14
28	The MUSE Ultra Deep Field (MUDF) – I. Discovery of a group of Ly α nebulae associated with a bright $z \sim 3.23$ quasar pair. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 485, L62-L67.	1.2	18
29	The KMOS $3D$ Survey: Demographics and Properties of Galactic Outflows at $z = 0.6 - 2.7$. <i>Astrophysical Journal</i> , 2019, 875, 21.	1.6	118
30	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2019, 623, A52.	2.1	17
31	The KMOS $3D$ Survey: Data Release and Final Survey Paper*. <i>Astrophysical Journal</i> , 2019, 886, 124.	1.6	79
32	The KMOS $3D$ Survey: Rotating Compact Star-forming Galaxies and the Decomposition of Integrated Line Widths*. <i>Astrophysical Journal</i> , 2018, 855, 97.	1.6	32
33	$H\alpha$ imaging observations of early-type galaxies from the ATLAS $3D$ survey. <i>Astronomy and Astrophysics</i> , 2018, 611, A28.	2.1	17
34	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 614, A56.	2.1	70
35	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 614, A57.	2.1	63
36	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 615, A114.	2.1	29

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37	Nuclear versus integrated spectroscopy of galaxies in the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2018, 615, A104.	2.1	11
38	A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 620, A164.	2.1	24
39	Growing up in a megalopolis: environmental effects on galaxy evolution in a supercluster at $z \approx 0.65$ in UKIDSS UDS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4148-4169.	1.6	14
40	On the influence of environment on star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3812-3825.	1.6	8
41	KMOS ^{3D} Reveals Low-level Star Formation Activity in Massive Quiescent Galaxies at $0.7 < z < 2.7$. <i>Astrophysical Journal Letters</i> , 2017, 841, L6.	3.0	44
42	The Evolution of the Tully-Fisher Relation between $z \approx 2.3$ and $z \approx 0.9$ with KMOS ^{3D} . <i>Astrophysical Journal</i> , 2017, 842, 121.	1.6	73
43	Falling Outer Rotation Curves of Star-forming Galaxies at $0.6 < z < 2.6$ Probed with KMOS ^{3D} and SINS/zC-SINF. <i>Astrophysical Journal</i> , 2017, 840, 92.	1.6	64
44	Strongly baryon-dominated disk galaxies at the peak of galaxy formation ten billion years ago. <i>Nature</i> , 2017, 543, 397-401.	13.7	177
45	Galaxy Environment in the 3D-HST Fields: Witnessing the Onset of Satellite Quenching at $z \approx 1.2$. <i>Astrophysical Journal</i> , 2017, 835, 153.	1.6	88
46	A measurement of the $z \approx 0$ UV background from H β fluorescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4802-4816.	1.6	39
47	MUSE sneaks a peek at extreme ram-pressure events. <i>Astronomy and Astrophysics</i> , 2017, 606, A83.	2.1	43
48	Quenching of the star formation activity in cluster galaxies. <i>Astronomy and Astrophysics</i> , 2016, 596, A11.	2.1	84
49	Spectacular tails of ionized gas in the Virgo cluster galaxy NGC 4569. <i>Astronomy and Astrophysics</i> , 2016, 587, A68.	2.1	99
50	Robust automatic photometry of local galaxies from SDSS. <i>Astronomy and Astrophysics</i> , 2016, 591, A38.	2.1	15
51	KMOS3D: DYNAMICAL CONSTRAINTS ON THE MASS BUDGET IN EARLY STAR-FORMING DISKS*. <i>Astrophysical Journal</i> , 2016, 831, 149.	1.6	83
52	Sizes, colour gradients and resolved stellar mass distributions for the massive cluster galaxies in XMMUJ2235-2557 at $z = 1.39$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3181-3209.	1.6	41
53	THE ANGULAR MOMENTUM DISTRIBUTION AND BARYON CONTENT OF STAR-FORMING GALAXIES AT $z \approx 1.1$ *. <i>Astrophysical Journal</i> , 2016, 826, 214.	1.6	107
54	MUSE sneaks a peek at extreme ram-pressure stripping events II. The physical properties of the gas tail of ESO137-g001. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2028-2041.	1.6	112

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55	THE EVOLUTION OF METALLICITY AND METALLICITY GRADIENTS FROM $z = 2.7$ TO 0.6 WITH KMOS ^{3D} . <i>Astrophysical Journal</i> , 2016, 827, 74.	1.6	109
56	FIRST RESULTS FROM THE VIRIAL SURVEY: THE STELLAR CONTENT OF UVJ -SELECTED QUIESCENT GALAXIES AT $1.5 < z < 2$ FROM KMOS. <i>Astrophysical Journal Letters</i> , 2015, 804, L4.	3.0	35
57	$H\alpha$: an $H\alpha$ imaging survey of HI selected galaxies from ALFALFA. <i>Astronomy and Astrophysics</i> , 2015, 580, A116.	2.1	104
58	$H\alpha$: an $H\alpha$ imaging survey of HI-selected galaxies from ALFALFA. <i>Astronomy and Astrophysics</i> , 2015, 576, A16.	2.1	16
59	$H\alpha$ imaging of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2015, 579, A102.	2.1	77
60	THE KMOS ^{3D} SURVEY: DESIGN, FIRST RESULTS, AND THE EVOLUTION OF GALAXY KINEMATICS FROM $0.7 < z < 2.7$. <i>Astrophysical Journal</i> , 2015, 799, 209.	1.6	406
61	The definition of environment and its relation to the quenching of galaxies at $z \approx 1$ in a hierarchical Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2582-2598.	1.6	20
62	MUSE sneaks a peek at extreme ram-pressure stripping events. I. A kinematic study of the archetypal galaxy ESO137 ^g 001. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 4335-4344.	1.6	157
63	A CONSISTENT STUDY OF METALLICITY EVOLUTION AT $0.8 < z < 2.6$. <i>Astrophysical Journal Letters</i> , 2014, 789, L40.	3.0	96
64	EVIDENCE FOR WIDE-SPREAD ACTIVE GALACTIC NUCLEUS-DRIVEN OUTFLOWS IN THE MOST MASSIVE $z \approx 1/4$ 1-2 STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 7.	1.6	184
65	$H\alpha$: an $H\alpha$ imaging survey of HI selected galaxies from ALFALFA. <i>Astronomy and Astrophysics</i> , 2013, 553, A89.	2.1	69
66	$H\alpha$: an $H\alpha$ imaging survey of HI selected galaxies from ALFALFA. <i>Astronomy and Astrophysics</i> , 2013, 553, A91.	2.1	44
67	$H\alpha$: an $H\alpha$ imaging survey of HI selected galaxies from ALFALFA. <i>Astronomy and Astrophysics</i> , 2013, 553, A90.	2.1	41
68	Red-channel (6000 ^g ~8000 Å...) nuclear spectra of 376 local galaxies. <i>Astronomy and Astrophysics</i> , 2013, 558, A68.	2.1	15
69	65 kpc of ionized gas trailing behind NGC 4848 during its first crossing of the Coma cluster. <i>Astronomy and Astrophysics</i> , 2012, 544, A128.	2.1	48