

# Marco Gullieuszik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5887628/publications.pdf>

Version: 2024-02-01

118  
papers

4,092  
citations

94433

37  
h-index

128289

60  
g-index

122  
all docs

122  
docs citations

122  
times ranked

2925  
citing authors

#	ARTICLE	IF	CITATIONS
1	GASP. I. Gas Stripping Phenomena in Galaxies with MUSE. <i>Astrophysical Journal</i> , 2017, 844, 48.	4.5	248
2	The VMC survey. <i>Astronomy and Astrophysics</i> , 2011, 527, A116.	5.1	237
3	SUPERDENSE GALAXIES AND THE MASS-SIZE RELATION AT LOW REDSHIFT. <i>Astrophysical Journal</i> , 2013, 762, 77.	4.5	150
4	JELLYFISH GALAXY CANDIDATES AT LOW REDSHIFT. <i>Astronomical Journal</i> , 2016, 151, 78.	4.7	136
5	GASP. IX. Jellyfish galaxies in phase-space: an orbital study of intense ram-pressure stripping in clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4753-4764.	4.4	123
6	M22: AN [Fe/H] ABUNDANCE RANGE REVEALED. <i>Astrophysical Journal</i> , 2009, 705, 1481-1491.	4.5	118
7	Enhanced Star Formation in Both Disks and Ram-pressure-stripped Tails of GASP Jellyfish Galaxies. <i>Astrophysical Journal Letters</i> , 2018, 866, L25.	8.3	115
8	Ram-pressure feeding of supermassive black holes. <i>Nature</i> , 2017, 548, 304-309.	27.8	106
9	The VMC survey. <i>Astronomy and Astrophysics</i> , 2012, 537, A106.	5.1	91
10	GASP XIII. Star formation in gas outside galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4466-4502.	4.4	83
11	OmegaWINGS: OmegaCAM-VST observations of WINGS galaxy clusters. <i>Astronomy and Astrophysics</i> , 2015, 581, A41.	5.1	76
12	GASP. II. A MUSE View of Extreme Ram-Pressure Stripping along the Line of Sight: Kinematics of the Jellyfish Galaxy JO201. <i>Astrophysical Journal</i> , 2017, 844, 49.	4.5	76
13	SLOW QUENCHING OF STAR FORMATION IN OMEGAWINGS CLUSTERS: GALAXIES IN TRANSITION IN THE LOCAL UNIVERSE. <i>Astrophysical Journal Letters</i> , 2016, 816, L25.	8.3	75
14	EVOLUTION OF THERMALLY PULSING ASYMPTOTIC GIANT BRANCH STARS. IV. CONSTRAINING MASS LOSS AND LIFETIMES OF LOW MASS, LOW METALLICITY AGB STARS. <i>Astrophysical Journal</i> , 2014, 790, 22.	4.5	68
15	Homogeneous metallicities and radial velocities for Galactic globular clusters. <i>Astronomy and Astrophysics</i> , 2012, 540, A27.	5.1	68
16	GASP. III. JO36: A Case of Multiple Environmental Effects at Play?. <i>Astrophysical Journal</i> , 2017, 848, 132.	4.5	66
17	The blue plume population in dwarf spheroidal galaxies. <i>Astronomy and Astrophysics</i> , 2007, 468, 973-978.	5.1	66
18	The distance to the Fornax dwarf spheroidal galaxy~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 380, 1255-1260.	4.4	64

#	ARTICLE	IF	CITATIONS
19	GASP. IV. A Muse View of Extreme Ram-pressure-stripping in the Plane of the Sky: The Case of Jellyfish Galaxy JO204. <i>Astrophysical Journal</i> , 2017, 846, 27.	4.5	64
20	OmegaWINGS: spectroscopy in the outskirts of local clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2017, 599, A81.	5.1	64
21	FORS2/VLT survey of Milky Way globular clusters. <i>Astronomy and Astrophysics</i> , 2016, 590, A9.	5.1	62
22	WINGS Data Release: a database of galaxies in nearby clusters. <i>Astronomy and Astrophysics</i> , 2014, 564, A138.	5.1	61
23	GASP. XXII. The Molecular Gas Content of the JW100 Jellyfish Galaxy at $z \approx 0.05$ : Does Ram Pressure Promote Molecular Gas Formation?. <i>Astrophysical Journal</i> , 2020, 889, 9.	4.5	58
24	GASP â€“ X. APEX observations of molecular gas in the discs and in the tails of ram-pressure stripped galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2508-2520.	4.4	57
25	Variable Stars in the Fornax dSph Galaxy. II. Pulsating Stars below the Horizontal Branch. <i>Astrophysical Journal</i> , 2008, 685, 947-957.	4.5	53
26	GASP XXIII: A Jellyfish Galaxy as an Astrophysical Laboratory of the Baryonic Cycle. <i>Astrophysical Journal</i> , 2019, 887, 155.	4.5	52
27	The concentrationâ€“mass relation of clusters of galaxies from the OmegaWINGS survey. <i>Astronomy and Astrophysics</i> , 2017, 607, A81.	5.1	51
28	GASP â€“ XVII. H&Î± imaging of the jellyfish galaxy JO206: gas stripping and enhanced star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4580-4591.	4.4	50
29	Deep near-infrared photometry of the globular cluster 47â€“Tucanae. Reconciling theory and observations. <i>Astronomy and Astrophysics</i> , 2007, 476, 243-253.	5.1	50
30	GASP. XXI. Star Formation Rates in the Tails of Galaxies Undergoing Ram Pressure Stripping. <i>Astrophysical Journal</i> , 2020, 899, 13.	4.5	49
31	HST/ACS observations of the old and metal-poor Sagittarius dwarf irregular galaxy. <i>Astronomy and Astrophysics</i> , 2005, 439, 111-127.	5.1	47
32	The High Molecular Gas Content, and the Efficient Conversion of Neutral into Molecular Gas, in Jellyfish Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 897, L30.	8.3	47
33	Morphological fractions of galaxies in WINGS clusters: revisiting the morphologyâ€“density paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3927-3944.	4.4	44
34	OmegaWINGS: The First Complete Census of Post-starburst Galaxies in Clusters in the Local Universe. <i>Astrophysical Journal</i> , 2017, 838, 148.	4.5	43
35	The VMC survey. <i>Astronomy and Astrophysics</i> , 2013, 554, A33.	5.1	42
36	UVIT view of ram-pressure stripping in action: star formation in the stripped gas of the GASP jellyfish galaxy JO201 in Abell 85. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4126-4135.	4.4	42

#	ARTICLE	IF	CITATIONS
37	Near-infrared observations of the Fornax dwarf galaxy. <i>Astronomy and Astrophysics</i> , 2007, 467, 1025-1036.	5.1	40
38	GASP. XV. A MUSE view of extreme ram-pressure stripping along the line of sight: physical properties of the jellyfish galaxy JO201. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1157-1170.	4.4	39
39	GASP XVIII: star formation quenching due to AGN feedback in the central region of a jellyfish galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3102-3111.	4.4	37
40	The evolved stars of Leo II dSph galaxy from near-infrared UKIRT/WFCAM observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1185-1197.	4.4	36
41	GASP â€“ XII. The variety of physical processes occurring in a single galaxy group in formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3152-3169.	4.4	35
42	GASP â€“ XIX. AGN and their outflows at the centre of jellyfish galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 486-503.	4.4	35
43	The strong correlation between post-starburst fraction and environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 881-894.	4.4	35
44	GASP. <i>Astronomy and Astrophysics</i> , 2020, 640, A22.	5.1	35
45	GASP XXIV. The History of Abruptly Quenched Galaxies in Clusters. <i>Astrophysical Journal</i> , 2020, 892, 146.	4.5	35
46	GASP XXX. The Spatially Resolved SFRâ€“Mass Relation in Stripping Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2020, 899, 98.	4.5	35
47	GASP â€“ XVI. Does cosmic web enhancement turn on star formation in galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2278-2295.	4.4	34
48	Exploring the AGNâ€“Ram Pressure Stripping Connection in Local Clusters. <i>Astrophysical Journal</i> , 2022, 927, 130.	4.5	34
49	The VMC survey. <i>Astronomy and Astrophysics</i> , 2012, 537, A105.	5.1	33
50	New constraints on the chemical evolution of the dwarf spheroidal galaxy Leoâ€™ from VLT spectroscopy. <i>Astronomy and Astrophysics</i> , 2009, 500, 735-747.	5.1	31
51	GASP XXIX â€“ unwinding the arms of spiral galaxies via ram-pressure stripping. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1285-1312.	4.4	29
52	Variable Stars in the Fornax dSph Galaxy. I. The Globular Cluster Fornax 4. <i>Astrophysical Journal</i> , 2007, 670, 332-345.	4.5	28
53	GASP XXV: neutral hydrogen gas in the striking jellyfish galaxy JO204. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5029-5043.	4.4	28
54	GASP â€“ XX. From the loose spatially resolved to the tight global SFRâ€“mass relation in local spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1597-1617.	4.4	27

#	ARTICLE	IF	CITATIONS
55	Homogeneous metallicities and radial velocities for Galactic globular clusters. <i>Astronomy and Astrophysics</i> , 2018, 619, A13.	5.1	25
56	FORS2/VLT survey of Milky Way globular clusters. <i>Astronomy and Astrophysics</i> , 2015, 573, A13.	5.1	24
57	GASP XXXIV: Unfolding the Thermal Side of Ram Pressure Stripping in the Jellyfish Galaxy JO201. <i>Astrophysical Journal</i> , 2021, 911, 144.	4.5	24
58	GASP V: Ram-pressure stripping of a ring Hoag's-like galaxy in a massive cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	22
59	Post-starburst Galaxies in the Centers of Intermediate-redshift Clusters. <i>Astrophysical Journal</i> , 2022, 930, 43.	4.5	22
60	Surface photometry of WINGS galaxies with GASPHOT. <i>Astronomy and Astrophysics</i> , 2014, 572, A87.	5.1	21
61	GASP. XXXIII. The Ability of Spatially Resolved Data to Distinguish among the Different Physical Mechanisms Affecting Galaxies in Low-density Environments. <i>Astrophysical Journal</i> , 2021, 914, 27.	4.5	21
62	GASP. VII. Signs of Gas Inflow onto a Lopsided Galaxy. <i>Astrophysical Journal</i> , 2018, 852, 94.	4.5	19
63	The VMC survey – XLIII. The spatially resolved star formation history across the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 245-266.	4.4	19
64	<i>U</i> -band photometry of 17 WINGS clusters. <i>Astronomy and Astrophysics</i> , 2014, 561, A111.	5.1	19
65	GASP XXVII: Gas-phase Metallicity Scaling Relations in Disk Galaxies with and without Ram Pressure Stripping. <i>Astrophysical Journal</i> , 2020, 895, 106.	4.5	19
66	GASP XXXVIII: The LOFAR-MeerKAT-VLA View on the Nonthermal Side of a Jellyfish Galaxy. <i>Astrophysical Journal</i> , 2022, 924, 64.	4.5	19
67	Observing Ram Pressure at Work in Intermediate Redshift Clusters with MUSE: The Case of Abell 2744 and Abell 370. <i>Astrophysical Journal</i> , 2022, 925, 4.	4.5	18
68	VARIABLE STARS IN THE FORNAX dSph GALAXY. III. THE GLOBULAR CLUSTER FORNAX 5. <i>Astrophysical Journal</i> , 2009, 701, 1323-1335.	4.5	17
69	The hybrid solution for the Fundamental Plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 45-63.	4.4	17
70	THE VMC SURVEY. XI. RADIAL STELLAR POPULATION GRADIENTS IN THE GALACTIC GLOBULAR CLUSTER 47 TUCANAE. <i>Astrophysical Journal</i> , 2014, 790, 35.	4.5	17
71	Near-infrared photometry of carbon stars in the Sagittarius dwarf irregular galaxy and DDO 210. <i>Astronomy and Astrophysics</i> , 2007, 475, 467-477.	5.1	16
72	The Relevance of Ram Pressure Stripping for the Evolution of Blue Cluster Galaxies as Seen at Optical Wavelengths. <i>Astrophysical Journal</i> , 2022, 927, 91.	4.5	16

#	ARTICLE	IF	CITATIONS
73	A plague of magnetic spots among the hot stars of globular clusters. <i>Nature Astronomy</i> , 2020, 4, 1092-1101.	10.1	15
74	Anisotropic infall in the outskirts of OmegaWINGS galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4950-4959.	4.4	14
75	Probing the nuclear star cluster of galaxies with extremely large telescopes. <i>Astronomy and Astrophysics</i> , 2014, 568, A89.	5.1	14
76	Resolving stellar populations outside the Local Group: MAD observations of UKSâ€™2323-326. <i>Astronomy and Astrophysics</i> , 2008, 483, L5-L8.	5.1	14
77	Two striking headâ€™tail galaxies in the galaxy cluster IIZW108: insights into transition to turbulence, magnetic fields, and particle re-acceleration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5326-5344.	4.4	14
78	GASP. XXXII. Measuring the Diffuse Ionized Gas Fraction in Ram-pressure-stripped Galaxies. <i>Astrophysical Journal</i> , 2021, 907, 22.	4.5	13
79	GASP and MaNGA Surveys Shed Light on the Enigma of the Gas Metallicity Gradients in Disk Galaxies. <i>Astrophysical Journal</i> , 2021, 923, 28.	4.5	13
80	Characterization of Omega-WINGS galaxy clusters. <i>Astronomy and Astrophysics</i> , 2018, 609, A133.	5.1	12
81	Formation of an ultra-diffuse galaxy in the stellar filaments of NGC 3314A: Caught in the act?. <i>Astronomy and Astrophysics</i> , 2021, 652, L11.	5.1	12
82	A near-infrared study of AGB and red giant stars in the Leo I dSph galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	11
83	Evidence for Mixing between ICM and Stripped ISM by the Analysis of the Gas Metallicity in the Tails of Jellyfish Galaxies. <i>Astrophysical Journal Letters</i> , 2021, 922, L6.	8.3	11
84	GASP. VIII. Capturing the Birth of a Tidal Dwarf Galaxy in a Merging System at $z \sim 0.05$ . <i>Astrophysical Journal</i> , 2017, 850, 163.	4.5	10
85	PLATO: a multiple telescope spacecraft for exo-planets hunting. <i>Proceedings of SPIE</i> , 2016, , .	0.8	8
86	GASP XXXV: Characteristics of the Diffuse Ionised Gas in Gas-stripped Galaxies. <i>Astrophysical Journal</i> , 2021, 922, 131.	4.5	8
87	GASP XXXVII: The Most Extreme Jellyfish Galaxies Compared with Other Disk Galaxies in Clusters, an H I Study. <i>Astrophysical Journal</i> , 2022, 927, 39.	4.5	6
88	An update of the on-sky performance of the layer-oriented wavefront sensor for MAD. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
89	The Hâ€™i hole and AGB stellar population of the Sagittarius dwarf irregular galaxy. <i>Astronomy and Astrophysics</i> , 2014, 572, A42.	5.1	5
90	Passive spirals and shock influenced star formation in the merging cluster A3376. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 442-455.	4.4	5

#	ARTICLE	IF	CITATIONS
91	TheChandraDeep Field South as a test case for Global Multi Conjugate Adaptive Optics. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3569-3581.	4.4	4
92	The second $\nu$ -band extension of the WINGS cluster survey. Astronomy and Astrophysics, 2020, 637, A54.	5.1	4
93	The evolution of galaxy sizes. Proceedings of the International Astronomical Union, 2012, 8, 151-154.	0.0	3
94	Unmanned aerial vehicles in astronomy. , 2016, , .		3
95	Exploring high-zgalaxies with the E-ELT. Astronomy and Astrophysics, 2016, 593, A24.	5.1	3
96	Layer oriented: science with MAD and beyond. Proceedings of SPIE, 2008, , .	0.8	2
97	TP-AGB stars in population synthesis models. Proceedings of the International Astronomical Union, 2009, 5, 36-43.	0.0	2
98	Manufacturing and alignment tolerance analysis through Montecarlo approach for PLATO. Proceedings of SPIE, 2016, , .	0.8	2
99	Multiple Spatial Frequencies Pyramid WaveFront Sensing. Publications of the Astronomical Society of the Pacific, 2017, 129, 115001.	3.1	2
100	Distance scale, variable stars and stellar populations in Local Group galaxies. International Astronomical Union Colloquium, 2004, 193, 60-64.	0.1	1
101	A near infrared view of Local Group dwarf galaxies. Proceedings of the International Astronomical Union, 2005, 1, 47-48.	0.0	1
102	Aligning the demonstration model of CHEOPS. , 2016, , .		1
103	The Wide-Field Nearby Galaxy-Cluster Survey (WINGS) and Its Extension OMEGAWINGS. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 177-182.	0.3	1
104	Dark tip-tilt sensing. , 2016, , .		1
105	High-z galaxies simulations: a benchmark for Global-MCAO. , 2016, , .		1
106	The Oosterhoff types of the Fornax dSph Globular Clusters. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
107	Looking for the Building Blocks of the Galactic Halo: Variable stars in the Fornax, Bootes I, Canes Venatici II Dwarfs and in NGC2419. , 2009, , .		0
108	A near-infrared view of AGB stars in nearby dwarf galaxies. Proceedings of the International Astronomical Union, 2009, 5, 345-346.	0.0	0

#	ARTICLE	IF	CITATIONS
109	The star formation history of the Fornax dwarf spheroidal galaxy. Proceedings of the International Astronomical Union, 2009, 5, 353-354.	0.0	0
110	Ultrastable operation of detectors for high-resolution spectrographs. Proceedings of SPIE, 2010, , .	0.8	0
111	Properties of high z galaxies in the ELTs era. Proceedings of the International Astronomical Union, 2015, 11, 21-21.	0.0	0
112	Thermal effects on PLATO point spread function. , 2016, , .		0
113	The GOTHAM survey: chemical evolution of Milky Way globular clusters. Proceedings of the International Astronomical Union, 2017, 13, 25-28.	0.0	0
114	A testing facility at the Asiago Copernico telescope in the framework of the ADaptive Optics National laboratory of Italy: ADONI. Proceedings of SPIE, 2016, , .	0.8	0
115	Radiation, Thermal Gradient and Weight: a threefold dilemma for PLATO. , 2016, , .		0
116	The role of environment on quenching, star formation and AGN activity. Proceedings of the International Astronomical Union, 2019, 15, 108-116.	0.0	0
117	VIMOS Integral Field Spectroscopy of Gaseous Nebulae in Local Group Dwarf Galaxies. Thirty Years of Astronomical Discovery With UKIRT, 2009, , 27-28.	0.3	0
118	Variable Stars in the Globular Clusters and in the Field of the Fornax dSph Galaxy. Globular Clusters - Guides To Galaxies, 2009, , 163-164.	0.1	0