

# Martin Bureau

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

5,714  
citations

126907

33  
h-index

114465

63  
g-index

72  
all docs

72  
docs citations

72  
times ranked

4778  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
2	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	7.7	405
3	The ATLAS3D project - II. Morphologies, kinematic features and alignment between photometric and kinematic axes of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2923-2949.	4.4	378
4	The ATLAS3D project - IV. The molecular gas content of early-type galaxies... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 940-967.	4.4	334
5	The ATLAS3D project - XIII. Mass and morphology of H $\alpha$ in early-type galaxies as a function of environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1835-1862.	4.4	326
6	The ATLAS3D Project - XXX. Star formation histories and stellar population scaling relations of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3484-3513.	4.4	326
7	The SAURON project - XVI. On the sources of ionization for the gas in elliptical and lenticular galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2187-2210.	4.4	269
8	The ATLAS3D project - XXIX. The new look of early-type galaxies and surrounding fields disclosed by extremely deep optical images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 120-143.	4.4	243
9	The ATLAS3D project - X. On the origin of the molecular and ionized gas in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 882-899.	4.4	235
10	The ATLAS3D Project - XIV. The extent and kinematics of the molecular gas in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 534-555.	4.4	175
11	Molecular gas and star formation in the SAURON early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1795-1807.	4.4	168
12	The SAURON project - VIII. OASIS/CFHT integral-field spectroscopy of elliptical and lenticular galaxy centres*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 906-958.	4.4	167
13	The ATLAS3D Project - XXVIII. Dynamically driven star formation suppression in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3427-3445.	4.4	150
14	The ATLAS3D project - XVII. Linking photometric and kinematic signatures of stellar discs in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1768-1795.	4.4	127
15	Molecular gas and star formation in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 1197-1222.	4.4	101
16	A black-hole mass measurement from molecular gas kinematics in NGC4526. <i>Nature</i> , 2013, 494, 328-330.	27.8	82
17	The ATLAS3D project - XXI. Correlations between gradients of local escape velocity and stellar populations in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1894-1913.	4.4	73
18	Structure and Kinematics of Molecular Disks in Fast Rotator Early-type Galaxies. <i>Astrophysical Journal</i> , 2008, 676, 317-334.	4.5	70

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19	The ATLAS <sup>3D</sup> project - XI. Dense molecular gas properties of CO-luminous early-type galaxies <sup>â</sup> ... <sup>â</sup> . Monthly Notices of the Royal Astronomical Society, 2012, 421, 1298-1314.	4.4	70
20	The ATLAS3D project â€“ XXVI. Hâ€‰%i discs in real and simulated fast and slow rotators. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3388-3407.	4.4	58
21	WISDOM Project â€“ II. Molecular gas measurement of the supermassive black hole mass in NGC 4697. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4675-4690.	4.4	57
22	GIANT MOLECULAR CLOUDS IN THE EARLY-TYPE GALAXY NGC 4526. Astrophysical Journal, 2015, 803, 16.	4.5	54
23	Discovery of a giant Hâ€‰%i tail in the galaxy group HCG 44. Monthly Notices of the Royal Astronomical Society, 2013, 428, 370-380.	4.4	53
24	The atlas <sup>3D</sup> Project â€“ XXXI. Nuclear radio emission in nearby early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2221-2268.	4.4	53
25	Galaxy Zoo: dust and molecular gas in early-type galaxies with prominent dust lanes <sup>â</sup> ... Monthly Notices of the Royal Astronomical Society, 2012, 423, 49-58.	4.4	52
26	The Effect of Galaxy Interactions on Molecular Gas Properties. Astrophysical Journal, 2018, 868, 132.	4.5	51
27	Kinematic constraints on the stellar and dark matter content of spiral and S0 galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1665-1689.	4.4	48
28	WISDOM Project â€“ III. Molecular gas measurement of the supermassive black hole mass in the barred lenticular galaxy NGC4429. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3818-3834.	4.4	45
29	The ATLAS project - XII. Recovery of the mass-to-light ratio of simulated early-type barred galaxies with axisymmetric dynamical models. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1495-1521.	4.4	44
30	On the depletion and accretion time-scales of cold gas in local early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 272-280.	4.4	44
31	The AGN fuelling/feedback cycle in nearby radio galaxies I. ALMA observations and early results. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4239-4259.	4.4	41
32	CONNECTION BETWEEN DYNAMICALLY DERIVED INITIAL MASS FUNCTION NORMALIZATION AND STELLAR POPULATION PARAMETERS. Astrophysical Journal Letters, 2014, 792, L37.	8.3	40
33	The growth of the central region by acquisition of counterrotating gas in star-forming galaxies. Nature Communications, 2016, 7, 13269.	12.8	36
34	WISDOM project â€“ V. Resolving molecular gas in Keplerian rotation around the supermassive black hole in NGCâ€‰%0383. Monthly Notices of the Royal Astronomical Society, 2019, 490, 319-330.	4.4	32
35	NGC 1266 AS A LOCAL CANDIDATE FOR RAPID CESSATION OF STAR FORMATION. Astrophysical Journal, 2014, 780, 186.	4.5	31
36	JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies â€“ I. Survey overview and first results. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3497-3519.	4.4	30

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37	WISDOM project â€“ IV. A molecular gas dynamical measurement of the supermassive black hole mass in NGC 524. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4359-4374.	4.4	28
38	Evidence of boosted 13CO/12CO ratio in early-type galaxies in dense environments. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3874-3885.	4.4	27
39	Star formation in nearby early-type galaxies: the radio continuum perspective. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1029-1064.	4.4	27
40	The MBHBM Project. I. Measurement of the Central Black Hole Mass in Spiral Galaxy NGC 3504 Using Molecular Gas Kinematics. Astrophysical Journal, 2020, 892, 68.	4.5	24
41	The Tullyâ€“Fisher relation of COLD GASS Galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3494-3515.	4.4	21
42	WISDOM Project â€“ IX. Giant molecular clouds in the lenticular galaxy NGC 4429: effects of shear and tidal forces on clouds. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4048-4085.	4.4	19
43	The Evolution of Gas-Phase Metallicity and Resolved Abundances in Star-forming Galaxies at $z \approx 0.6$ – $1.8$ . Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	18
44	The ATLAS3D project â€“ XVI. Physical parameters and spectral line energy distributions of the molecular gas in gas-rich early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1742-1767.	4.4	17
45	Testing the Tremaineâ€“Weinberg Method Applied to Integral-field Spectroscopic Data Using a Simulated Barred Galaxy. Astrophysical Journal, 2019, 884, 23.	4.5	17
46	WISDOM Project â€“ X. The morphology of the molecular ISM in galaxy centres and its dependence on galaxy structure. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1522-1540.	4.4	17
47	WISDOM project â€“ VII. Molecular gas measurement of the supermassive black hole mass in the elliptical galaxy NGC 7052. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5984-5996.	4.4	16
48	ISM chemistry in metal-rich environments: molecular tracers of metallicity. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1659-1674.	4.4	15
49	JINGLE V: Dust properties of nearby galaxies derived from hierarchical Bayesian SED fitting. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	15
50	JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies: II. SCUBA-2 850 $\mu$ m data reduction and dust flux density catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4166-4185.	4.4	14
51	WISDOM project â€“ VI. Exploring the relation between supermassive black hole mass and galaxy rotation with molecular gas. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1933-1952.	4.4	14
52	Origin of the counterrotating gas in NGC 1596. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1565-1572.	4.4	13
53	Cross-checking SMBH mass estimates in NGC 6958 â€“ I. Stellar dynamics from adaptive optics-assisted MUSE observations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5416-5436.	4.4	13
54	The AGN fuelling/feedback cycle in nearby radio galaxies â€“ IV. Molecular gas conditions and jetâ€“ISM interaction in NGC 3100. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4485-4503.	4.4	13

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55	Shape of LOSVDs in Barred Disks: Implications for Future IFU Surveys. <i>Astrophysical Journal</i> , 2018, 854, 65.	4.5	11
56	CO Tully-Fisher relation of star-forming galaxies at $z = 0.05-0.3$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3319-3334.	4.4	11
57	The Evolution of NGC 7465 as Revealed by Its Molecular Gas Properties. <i>Astrophysical Journal</i> , 2021, 909, 98.	4.5	11
58	Estimating the Molecular Gas Mass of Low-redshift Galaxies from a Combination of Mid-infrared Luminosity and Optical Properties. <i>Astrophysical Journal</i> , 2019, 887, 172.	4.5	10
59	The AGN fuelling/feedback cycle in nearby radio galaxies - III. 3D relative orientations of radio jets and CO discs and their interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5719-5731.	4.4	9
60	The MBHMAP Project - II. Molecular gas kinematics in the lenticular galaxy NGC 3593 reveal a supermassive black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2920-2939.	4.4	9
61	Molecular gas properties of the giant molecular cloud complexes in the arms and inter-arms of the spiral galaxy NGC 6946. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1434-1455.	4.4	8
62	Molecular gas kinematics and line diagnostics in early-type galaxies: NGC 4710 and NGC 5866. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 4121-4152.	4.4	8
63	WISDOM project - XI. Star formation efficiency in the bulge of the AGN-host Galaxy NGC 3169 with SIFIDE and ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5035-5055.	4.4	7
64	The HASHTAG Project: The First Submillimeter Images of the Andromeda Galaxy from the Ground. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 52.	7.7	5
65	The HASHTAG project I. A survey of CO(3-2) emission from the star forming disc of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 195-209.	4.4	3
66	Early-type galaxy formation history from GALEX-SAURON. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 193-194.	0.0	0
67	Disk growth in bulge-dominated galaxies: molecular gas and morphological evolution. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 173-176.	0.0	0
68	Young stars in nearby early-type galaxies: SED fitting based on ultraviolet (UV) and optical imaging. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 240-243.	0.0	0
69	Molecular gas properties in early-type galaxies. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 118-118.	0.0	0
70	Young stars in nearby early-type galaxies: The GALEX-SAURON perspective. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 125-125.	0.0	0
71	Revealing the Physical Properties of GMC Complexes in the Spiral Arms of NGC 6946. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 163-163.	0.0	0
72	Black hole mass measurement in nearby galaxy using molecular gas dynamics. , 2016, , .		0