

# Mã©dã©ric Boquien

## List of Publications by Year in descending order

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Version: 2024-02-01

167  
papers

16,619  
citations

25034

57  
h-index

15266

126  
g-index

167  
all docs

167  
docs citations

167  
times ranked

11833  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The Astropy Project: Building an Open-science Project and Status of the v2.0 Core Package<sup>*</sup>. <i>Astronomical Journal</i> , 2018, 156, 123.  | 4.7 | 4,142     |
| 2  | Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.   | 4.7 | 1,100     |
| 3  | 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       |
| 4  | The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42. | 7.7 | 796       |
| 5  | CIGALE: a python Code Investigating GALaxy Emission. <i>Astronomy and Astrophysics</i> , 2019, 622, A103.   | 5.1 | 625       |
| 6  | Gas-to-dust mass ratios in local galaxies over a 2 dex metallicity range. <i>Astronomy and Astrophysics</i> , 2014, 563, A31.   | 5.1 | 460       |
| 7  | 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       |
| 8  | Dust Attenuation Curves in the Local Universe: Demographics and New Laws for Star-forming Galaxies and High-redshift Analogs. <i>Astrophysical Journal</i> , 2018, 859, 11.   | 4.5 | 324       |
| 9  | The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.   | 7.7 | 299       |
| 10 | The applicability of far-infrared fine-structure lines as star formation rate tracers over wide ranges of metallicities and galaxy types. <i>Astronomy and Astrophysics</i> , 2014, 568, A62.   | 5.1 | 296       |
| 11 | SDSS IV MaNGA â€“ spatially resolved diagnostic diagrams: a proof that many galaxies are LIERs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3111-3134.  | 4.4 | 251       |
| 12 | GALEXâ€“SDSSâ€“WISE LEGACY CATALOG (GSWLC): STAR FORMATION RATES, STELLAR MASSES, AND DUST ATTENUATIONS OF 700,000 LOW-REDSHIFT GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 2.   | 7.7 | 246       |
| 13 | SDSS IV MaNGA â€“ metallicity and nitrogen abundance gradients in local galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 151-170.  | 4.4 | 196       |
| 14 | An Overview of the Dwarf Galaxy Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 600-635.  | 3.1 | 172       |
| 15 | The dust scaling relations of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2012, 540, A52.   | 5.1 | 162       |
| 16 | [C II] 158 Î¼m EMISSION AS A STAR FORMATION TRACER. <i>Astrophysical Journal</i> , 2015, 800, 1.  | 4.5 | 158       |
| 17 | Dust spectral energy distributions of nearby galaxies: an insight from the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2014, 565, A128.   | 5.1 | 147       |
| 18 | Cold gas properties of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A66.  | 5.1 | 142       |

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|----|--|------|-----------|
| 19 | Cold gas properties of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A67.   | 5.1  | 138       |
| 20 | THE <i>HERSCHEL</i> EXPLOITATION OF LOCAL GALAXY ANDROMEDA (HELGA). II. DUST AND GAS IN ANDROMEDA. <i>Astrophysical Journal</i> , 2012, 756, 40.   | 4.5  | 132       |
| 21 | Missing Mass in Collisional Debris from Galaxies. <i>Science</i> , 2007, 316, 1166-1169.   | 12.6 | 127       |
| 22 | Revealing the cold dust in low-metallicity environments. <i>Astronomy and Astrophysics</i> , 2013, 557, A95.   | 5.1  | 120       |
| 23 | Cold gas properties of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2014, 564, A65.   | 5.1  | 115       |
| 24 | The IRX- $\hat{\sigma}^2$ relation on subgalactic scales in star-forming galaxies of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2012, 539, A145.  | 5.1  | 114       |
| 25 | DUST HEATING SOURCES IN GALAXIES: THE CASE OF M33 (HERM33ES). <i>Astronomical Journal</i> , 2011, 142, 111.  | 4.7  | 109       |
| 26 | Distances to PHANGS galaxies: New tip of the red giant branch measurements and adopted distances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3621-3639.   | 4.4  | 106       |
| 27 | Calibration of the total infrared luminosity of nearby galaxies from Spitzer and Herschel bands. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 1956-1986.  | 4.4  | 104       |
| 28 | The Radio Spectral Energy Distribution and Star-formation Rate Calibration in Galaxies. <i>Astrophysical Journal</i> , 2017, 836, 185.   | 4.5  | 102       |
| 29 | The PHANGS-MUSE survey. <i>Astronomy and Astrophysics</i> , 2022, 659, A191.   | 5.1  | 96        |
| 30 | Submillimetre photometry of 323 nearby galaxies from the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2012, 543, A161.  | 5.1  | 90        |
| 31 | PACS photometry of the Herschel Reference Survey – far-infrared/submillimetre colours as tracers of dust properties in nearby galaxies – .... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 942-956. | 4.4  | 89        |
| 32 | The IRAM M 33 CO(2–1) survey. <i>Astronomy and Astrophysics</i> , 2014, 567, A118.   | 5.1  | 87        |
| 33 | SDSS-IV MaNGA – the spatially resolved transition from star formation to quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2570-2589.  | 4.4  | 85        |
| 34 | Molecular Gas Properties on Cloud Scales across the Local Star-forming Galaxy Population. <i>Astrophysical Journal Letters</i> , 2020, 901, L8.  | 8.3  | 85        |
| 35 | Quenching of the star formation activity in cluster galaxies. <i>Astronomy and Astrophysics</i> , 2016, 596, A11.  | 5.1  | 84        |
| 36 | The imprint of rapid star formation quenching on the spectral energy distributions of galaxies. <i>Astronomy and Astrophysics</i> , 2016, 585, A43.  | 5.1  | 81        |

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|----|--|-----|-----------|
| 37 | High-resolution, 3D radiative transfer modeling. <i>Astronomy and Astrophysics</i> , 2014, 571, A69.   | 5.1 | 79        |
| 38 | THE SPATIALLY RESOLVED COOLING LINE DEFICIT IN GALAXIES. <i>Astrophysical Journal</i> , 2017, 834, 5.  | 4.5 | 79        |
| 39 | PHANGS'ALMA Data Processing and Pipeline. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 19.   | 7.7 | 79        |
| 40 | SDSS-IV MaNGA: Spatially Resolved Star Formation Main Sequence and LI(N)ER Sequence. <i>Astrophysical Journal Letters</i> , 2017, 851, L24.  | 8.3 | 77        |
| 41 | SPATIALLY RESOLVED STELLAR, DUST, AND GAS PROPERTIES OF THE POST-INTERACTING WHIRLPOOL GALAXY SYSTEM. <i>Astrophysical Journal</i> , 2012, 755, 165.                                     | 4.5 | 76        |
| 42 | Towards universal hybrid star formation rate estimators. <i>Astronomy and Astrophysics</i> , 2016, 591, A6.  | 5.1 | 76        |
| 43 | Far-infrared colours of nearby late-type galaxies in the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2012, 540, A54.   | 5.1 | 75        |
| 44 | The Origins of [C ii] Emission in Local Star-forming Galaxies. <i>Astrophysical Journal</i> , 2017, 845, 96.   | 4.5 | 73        |
| 45 | Impact of star formation history on the measurement of star formation rates. <i>Astronomy and Astrophysics</i> , 2014, 571, A72.   | 5.1 | 72        |
| 46 | Gas dynamics in tidal dwarf galaxies: Disc formation at $z = 0$ . <i>Astronomy and Astrophysics</i> , 2015, 584, A113.   | 5.1 | 71        |
| 47 | Comprehensive comparison of models for spectral energy distributions from 0.1 $\mu\text{m}$ to 1 mm of nearby star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2019, 621, A51. | 5.1 | 70        |
| 48 | The Herschel Virgo Cluster Survey - XII. FIR properties of optically selected Virgo cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1880-1910.   | 4.4 | 69        |
| 49 | PACS and SPIRE photometer maps of M33: First results of the <i>Herschel</i> Extended Survey (HERM33ES). <i>Astronomy and Astrophysics</i> , 2010, 518, L67.                              | 5.1 | 68        |
| 50 | Dust and gas power spectrum in M33 (HERM33ES). <i>Astronomy and Astrophysics</i> , 2012, 539, A67.   | 5.1 | 65        |
| 51 | <i>HERSCHEL</i> EXPLOITATION OF LOCAL GALAXY ANDROMEDA (HELGA). III. THE STAR FORMATION LAW IN M31. <i>Astrophysical Journal</i> , 2013, 769, 55.  | 4.5 | 63        |
| 52 | A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). <i>Astronomy and Astrophysics</i> , 2018, 614, A57.   | 5.1 | 63        |
| 53 | The dust energy balance in the edge-on spiral galaxy NGC 4565. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2797-2811.  | 4.4 | 62        |
| 54 | Fitting AGN/Galaxy X-Ray-to-radio SEDs with CIGALE and Improvement of the Code. <i>Astrophysical Journal</i> , 2022, 927, 192.   | 4.5 | 62        |

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|----|--|-----|-----------|
| 55 | Ultraviolet to infrared emission of $z > 1$ galaxies: Can we derive reliable star formation rates and stellar masses?. <i>Astronomy and Astrophysics</i> , 2014, 561, A39.   | 5.1 | 61        |
| 56 | STAR-FORMING OR STARBURSTING? THE ULTRAVIOLET CONUNDRUM. <i>Astrophysical Journal</i> , 2009, 706, 553-570.  | 4.5 | 60        |
| 57 | The <i>Herschel</i> Exploitation of Local Galaxy Andromeda (HELGA). <i>Astronomy and Astrophysics</i> , 2012, 546, A34.  | 5.1 | 59        |
| 58 | THE IONIZED GAS IN NEARBY GALAXIES AS TRACED BY THE 122 AND 205 $\mu\text{m}$ TRANSITIONS. <i>Astrophysical Journal</i> , 2016, 826, 175.  | 4.5 | 58        |
| 59 | The PHANGS-HST Survey: Physics at High Angular Resolution in Nearby Galaxies with the Hubble Space Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 10.   | 7.7 | 58        |
| 60 | The <i>Herschel</i> Exploitation of Local Galaxy Andromeda (HELGA). <i>Astronomy and Astrophysics</i> , 2017, 599, A64.  | 5.1 | 57        |
| 61 | The identification of dust heating mechanisms in nearby galaxies using <i>Herschel</i> 160/250 and 250/350 $\mu\text{m}$ surface brightness ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 135-167. | 4.4 | 56        |
| 62 | VCC2062: an old tidal dwarf galaxy in the Virgo cluster?. <i>Astronomy and Astrophysics</i> , 2007, 475, 187-197.  | 5.1 | 54        |
| 63 | Cool dust heating and temperature mixing in nearby star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2015, 576, A33.  | 5.1 | 53        |
| 64 | SDSS IV MaNGA: Metallicity and ionisation parameter in local star-forming galaxies from Bayesian fitting to photoionisation models. <i>Astronomy and Astrophysics</i> , 2020, 636, A42.  | 5.1 | 53        |
| 65 | Variation in the dust emissivity index across $z < 3$ with <i>Herschel</i> and <i>Spitzer</i> (HerMES). <i>Astronomy and Astrophysics</i> , 2014, 561, A95.  | 5.1 | 53        |
| 66 | The <i>Herschel</i> Exploitation of Local Galaxy Andromeda (HELGA). <i>Astronomy and Astrophysics</i> , 2014, 567, A71.  | 5.1 | 51        |
| 67 | Calibration of Ultraviolet, Mid-infrared, and Radio Star Formation Rate Indicators. <i>Astrophysical Journal</i> , 2017, 847, 136.   | 4.5 | 50        |
| 68 | Updated 34-band Photometry for the SINGS/KINGFISH Samples of Nearby Galaxies. <i>Astrophysical Journal</i> , 2017, 837, 90.  | 4.5 | 49        |
| 69 | A resolved analysis of cold dust and gas in the nearby edge-on spiral NGC 891. <i>Astronomy and Astrophysics</i> , 2014, 565, A4.  | 5.1 | 47        |
| 70 | The bolometric and UV attenuation in normal spiral galaxies of the <i>Herschel</i> Reference Survey. <i>Astronomy and Astrophysics</i> , 2016, 586, A13.   | 5.1 | 47        |
| 71 | The dust and gas properties of M83. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2917-2929.   | 4.4 | 45        |
| 72 | REGIONAL VARIATIONS IN THE DENSE GAS HEATING AND COOLING IN M51 FROM <i>HERSCHEL</i> FAR-INFRARED SPECTROSCOPY. <i>Astrophysical Journal</i> , 2013, 776, 65.  | 4.5 | 45        |

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|----|--|-----|-----------|
| 73 | Dust attenuation and H $\alpha$ emission in a sample of galaxies observed with <i>Herschel</i> at 0.6 &lt; <i>z</i> &lt; 1.6. <i>Astronomy and Astrophysics</i> , 2018, 619, A135.   | 5.1 | 45        |
| 74 | Measuring the mixing scale of the ISM within nearby spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 193-209.  | 4.4 | 44        |
| 75 | Cool and warm dust emission from M33 (HerM33es). <i>Astronomy and Astrophysics</i> , 2012, 543, A74.   | 5.1 | 42        |
| 76 | COLLISIONAL DEBRIS AS LABORATORIES TO STUDY STAR FORMATION. <i>Astronomical Journal</i> , 2009, 137, 4561-4576.  | 4.7 | 41        |
| 77 | STAR FORMATION IN COLLISION DEBRIS: INSIGHTS FROM THE MODELING OF THEIR SPECTRAL ENERGY DISTRIBUTION. <i>Astronomical Journal</i> , 2010, 140, 2124-2144.  | 4.7 | 41        |
| 78 | MEASURING GALAXY STAR FORMATION RATES FROM INTEGRATED PHOTOMETRY: INSIGHTS FROM COLOR-MAGNITUDE DIAGRAMS OF RESOLVED STARS. <i>Astrophysical Journal</i> , 2013, 772, 8.   | 4.5 | 41        |
| 79 | The selective effect of environment on the atomic and molecular gas-to-dust ratio of nearby galaxies in the <i>Herschel</i> Reference Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3574-3584. | 4.4 | 41        |
| 80 | Polychromatic view of intergalactic star formation in NGC 5291. <i>Astronomy and Astrophysics</i> , 2007, 467, 93-106.   | 5.1 | 41        |
| 81 | The ALPINE ALMA [C II] survey. <i>Astronomy and Astrophysics</i> , 2021, 646, A76.   | 5.1 | 39        |
| 82 | The <i>Herschel</i> M33 extended survey (HerM33es): PACS spectroscopy of the star-forming region BCLMP302. <i>Astronomy and Astrophysics</i> , 2011, 532, A152.  | 5.1 | 38        |
| 83 | Deep transfer learning for star cluster classification: I. application to the PHANGS HST survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3178-3193.  | 4.4 | 38        |
| 84 | Measuring star formation with resolved observations: the test case of M 33. <i>Astronomy and Astrophysics</i> , 2015, 578, A8.   | 5.1 | 36        |
| 85 | SDSS-IV MaNGA: spatially resolved star formation histories and the connection to galaxy physical properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2544-2561.                                  | 4.4 | 34        |
| 86 | PHANGS MUSE: The H II region luminosity function of local star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2022, 658, A188.  | 5.1 | 34        |
| 87 | PHANGS HST: star cluster spectral energy distribution fitting with <i>cigale</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1366-1385.  | 4.4 | 33        |
| 88 | TOTAL INFRARED LUMINOSITY ESTIMATION OF RESOLVED AND UNRESOLVED GALAXIES. <i>Astrophysical Journal</i> , 2010, 713, 626-636.   | 4.5 | 31        |
| 89 | Molecular Cloud Populations in the Context of Their Host Galaxy Environments: A Multiwavelength Perspective. <i>Astronomical Journal</i> , 2022, 164, 43.  | 4.7 | 31        |
| 90 | Studying the spatially resolved Schmidt-Kennicutt law in interacting galaxies: the case of Arp 158. <i>Astronomy and Astrophysics</i> , 2011, 533, A19.  | 5.1 | 30        |

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|-----|---|-----|-----------|
| 91  | The gas-to-dust mass ratio of Centaurus A as seen by Herschel... Monthly Notices of the Royal Astronomical Society, 2012, 422, 2291-2301.   | 4.4 | 29        |
| 92  | A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). Astronomy and Astrophysics, 2018, 615, A114.   | 5.1 | 29        |
| 93  | Towards understanding the relation between the gas and the attenuation in galaxies at kpc scales. Astronomy and Astrophysics, 2013, 554, A14.   | 5.1 | 29        |
| 94  | Cool gas and dust in M33: Results from the HERSCHEL Extended Survey (HERM33ES). Astronomy and Astrophysics, 2010, 518, L69.   | 5.1 | 28        |
| 95  | Diversity of Galaxy Dust Attenuation Curves Drives the Scatter in the IR $\tau^2$ Relation. Astrophysical Journal, 2019, 872, 23.   | 4.5 | 28        |
| 96  | Star cluster classification in the PHANGS HST survey: Comparison between human and machine learning approaches. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5294-5317.        | 4.4 | 28        |
| 97  | Far-reaching dust distribution in galaxy discs. Monthly Notices of the Royal Astronomical Society, 2016, 462, 331-344.  | 4.4 | 27        |
| 98  | SDSS IV MaNGA: Dependence of Global and Spatially Resolved SFR $M_{\text{star}}$ Relations on Galaxy Properties. Astrophysical Journal, 2018, 854, 159.   | 4.5 | 26        |
| 99  | Gas and dust cooling along the major axis of M33 (HerM33es). Astronomy and Astrophysics, 2013, 553, A114.   | 5.1 | 26        |
| 100 | Determining star formation rates in active galactic nuclei hosts via stellar population synthesis. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4064-4079.                     | 4.4 | 26        |
| 101 | Properties of compact 250 $\mu\text{m}$ emission and H $\alpha$ regions in M33 (HERM33ES). Astronomy and Astrophysics, 2010, 518, L68.  | 5.1 | 25        |
| 102 | 100 $\mu\text{m}$ and 160 $\mu\text{m}$ emission as resolved star-formation rate estimators in M33 (HERM33ES). Astronomy and Astrophysics, 2010, 518, L70.                                      | 5.1 | 25        |
| 103 | COMPARING [C ii], H i, AND CO DYNAMICS OF NEARBY GALAXIES. Astronomical Journal, 2016, 152, 51.   | 4.7 | 24        |
| 104 | A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). Astronomy and Astrophysics, 2018, 620, A164.   | 5.1 | 24        |
| 105 | Near-infrared Emission Lines in Starburst Galaxies at 0.5 $\lambda_{\text{rest}}$ & 0.9: Discovery of a Merger Sequence of Extreme Obscurations. Astrophysical Journal Letters, 2018, 862, L22. | 8.3 | 24        |
| 106 | Dense gas in M33 (HerM33es). Astronomy and Astrophysics, 2013, 549, A17.  | 5.1 | 23        |
| 107 | Revealing the dust attenuation properties on resolved scales in NGC628 with SWIFT UVOT data. Monthly Notices of the Royal Astronomical Society, 2019, 486, 743-767.                             | 4.4 | 23        |
| 108 | The Herschel Virgo Cluster Survey. Astronomy and Astrophysics, 2015, 574, A126.   | 5.1 | 22        |

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|-----|--|-----|-----------|
| 109 | Spatially resolving the dust properties and submillimetre excess in M 33. <i>Astronomy and Astrophysics</i> , 2018, 613, A43.  | 5.1 | 21        |
| 110 | The molecular gas mass of M 33. <i>Astronomy and Astrophysics</i> , 2017, 600, A27.  | 5.1 | 21        |
| 111 | Spectrally resolved CO emission in M33 (HerM33es). <i>Astronomy and Astrophysics</i> , 2012, 544, A55.   | 5.1 | 20        |
| 112 | RADIAL STAR FORMATION HISTORIES IN 15 NEARBY GALAXIES. <i>Astronomical Journal</i> , 2016, 151, 4.   | 4.7 | 20        |
| 113 | Massive star cluster formation and evolution in tidal dwarf galaxies. <i>Astronomy and Astrophysics</i> , 2019, 628, A60.  | 5.1 | 20        |
| 114 | The Herschel Virgo Cluster Survey. <i>Astronomy and Astrophysics</i> , 2017, 597, A130.  | 5.1 | 20        |
| 115 | Spectral energy distributions of HII regions in M33 (HerM33es). <i>Astronomy and Astrophysics</i> , 2013, 552, A140.   | 5.1 | 18        |
| 116 | SDSS-IV MaNGA: spatially resolved dust attenuation in spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2305-2320.  | 4.4 | 18        |
| 117 | Fitting spectral energy distributions of FMOS-COSMOS emission-line galaxies at $z \sim 1.6$ : Star formation rates, dust attenuation, and [OIII] $\lambda 5007$ emission-line luminosities. <i>Astronomy and Astrophysics</i> , 2021, 654, A153.           | 5.1 | 18        |
| 118 | An Overview of the Dwarf Galaxy Survey (PASP, 125, 600, [2013])â€”Corrigendum. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 1079-1080.  | 3.1 | 17        |
| 119 | Spatially resolved star formation and dust attenuation in Mrk 848: Comparison of the integral field spectra and the UV-to-IR SED. <i>Astronomy and Astrophysics</i> , 2018, 613, A13.  | 5.1 | 17        |
| 120 | SDSS-IV MaNGA: A Star Formationâ€”Baryonic Mass Relation at Kiloparsec Scales. <i>Astrophysical Journal</i> , 2021, 909, 131.  | 4.5 | 17        |
| 121 | Millimeter and submillimeter excess emission in M 33 revealed by Planck and LABOCA. <i>Astronomy and Astrophysics</i> , 2016, 590, A56.  | 5.1 | 17        |
| 122 | THE HEATING OF MID-INFRARED DUST IN THE NEARBY GALAXY M33: A TESTBED FOR TRACING GALAXY EVOLUTION. <i>Astrophysical Journal</i> , 2014, 784, 130.  | 4.5 | 16        |
| 123 | Bright, relatively isolated star clusters in PHANGSâ€”HST galaxies: Aperture corrections, quantitative morphologies, and comparison with synthetic stellar population models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 32-53. | 4.4 | 16        |
| 124 | Herschel and JCMT observations of the early-type dwarf galaxy NGC 205. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2359-2373.  | 4.4 | 15        |
| 125 | Star formation and dust heating in the FIR bright sources of M83. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2182-2207.   | 4.4 | 15        |
| 126 | Resolved and Integrated Stellar Masses in the SDSS-IV/MaNGA Survey. II. Applications of PCA-based Stellar Mass Estimates. <i>Astrophysical Journal</i> , 2019, 883, 83.  | 4.5 | 15        |



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|-----|--|-----|-----------|
| 127 | Deciphering an evolutionary sequence of merger stages in infrared-luminous starburst galaxies at $z \approx 0.7$ . <i>Astronomy and Astrophysics</i> , 2019, 623, A64.                                 | 5.1 | 15        |
| 128 | Ionization processes in a local analogue of distant clumpy galaxies: VLT MUSE IFU spectroscopy and FORS deep images of the TDC NGC 5291N. <i>Astronomy and Astrophysics</i> , 2016, 585, A79.          | 5.1 | 15        |
| 129 | The Herschel Virgo Cluster Survey – XIV. Transition-type dwarf galaxies in the Virgo cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1057-1073.                         | 4.4 | 14        |
| 130 | QUANTIFYING THE HEATING SOURCES FOR MID-INFRARED DUST EMISSIONS IN GALAXIES: THE CASE OF M 81. <i>Astrophysical Journal</i> , 2014, 797, 129.  | 4.5 | 14        |
| 131 | THE PHYSICAL CHARACTERISTICS OF THE GAS IN THE DISK OF CENTAURUS A USING THE HERSCHEL SPACE OBSERVATORY. <i>Astrophysical Journal</i> , 2014, 787, 16.   | 4.5 | 14        |
| 132 | The Herschel Virgo Cluster Survey. <i>Astronomy and Astrophysics</i> , 2015, 573, A129.  | 5.1 | 14        |
| 133 | Interpreting the Star Formation–Extinction Relation with MaNGA. <i>Astrophysical Journal</i> , 2019, 872, 63.  | 4.5 | 14        |
| 134 | COLD DUST BUT WARM GAS IN THE UNUSUAL ELLIPTICAL GALAXY NGC 4125. <i>Astrophysical Journal Letters</i> , 2013, 776, L30.   | 8.3 | 13        |
| 135 | NGC 4370: a case study for testing our ability to infer dust distribution and mass in nearby galaxies. <i>Astronomy and Astrophysics</i> , 2015, 579, A103.  | 5.1 | 13        |
| 136 | Dust properties in all regions in M33. <i>Astronomy and Astrophysics</i> , 2016, 595, A43.   | 5.1 | 13        |
| 137 | Molecular gas and star formation in the tidal dwarf galaxy VCC 2062. <i>Astronomy and Astrophysics</i> , 2016, 590, A92.   | 5.1 | 12        |
| 138 | Properties of LBGs with [OIII] detection at $z \approx 3.5$ . <i>Astronomy and Astrophysics</i> , 2019, 631, A123.   | 5.1 | 12        |
| 139 | The Herschel Virgo Cluster Survey. <i>Astronomy and Astrophysics</i> , 2016, 589, A11.   | 5.1 | 11        |
| 140 | The interstellar medium in Andromeda's dwarf spheroidal galaxies – I. Content and origin of the interstellar dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3900-3916.    | 4.4 | 11        |
| 141 | SDSS-IV MaNGA: Bayesian analysis of the star formation history of low-mass galaxies in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4753-4772.            | 4.4 | 11        |
| 142 | The relationship between polycyclic aromatic hydrocarbon emission and far-infrared dust emission from NGC 2403 and M83. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 168-187. | 4.4 | 10        |
| 143 | SDSS-IV MaNGA: A SERENDIPITOUS OBSERVATION OF A POTENTIAL GAS ACCRETION EVENT. <i>Astrophysical Journal</i> , 2016, 832, 182.  | 4.5 | 10        |
| 144 | Resolved and Integrated Stellar Masses in the SDSS-iv/MaNGA Survey. I. PCA Spectral Fitting and Stellar Mass-to-light Ratio Estimates. <i>Astrophysical Journal</i> , 2019, 883, 82.                   | 4.5 | 10        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | The ALPINE-ALMA [Câ€“II] survey. Dust attenuation curves at $z = 4.4$ –5.5. <i>Astronomy and Astrophysics</i> , 2022, 663, A50.  | 5.1 | 10        |
| 146 | Estimating Dust Attenuation From Galactic Spectra. II. Stellar and Gas Attenuation in Star-forming and Diffuse Ionized Gas Regions in MaNGA. <i>Astrophysical Journal</i> , 2021, 917, 72.           | 4.5 | 9         |
| 147 | The Herschel Virgo Cluster Survey. <i>Astronomy and Astrophysics</i> , 2014, 562, A106.  | 5.1 | 8         |
| 148 | New-generation dust emission templates for star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2021, 653, A149.   | 5.1 | 7         |
| 149 | Investigating the Lyman photon escape in local starburst galaxies with the Cosmic Origins Spectrographâ€¦. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1292-1304.          | 4.4 | 6         |
| 150 | Gas and dust cooling along the major axis of M 33 (HerM33es). <i>Astronomy and Astrophysics</i> , 2020, 639, A61.  | 5.1 | 6         |
| 151 | A cautionary tale of attenuation in star-forming regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4751-4770.   | 4.4 | 6         |
| 152 | The case for thermalization as a contributor to the [Câ€“%<sc>ii</sc>] deficit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 911-919.                                       | 4.4 | 5         |
| 153 | Asymmetry Revisited: The Effect of Dust Attenuation and Galaxy Inclination. <i>Astrophysical Journal</i> , 2021, 911, 145.   | 4.5 | 5         |
| 154 | Tidal dwarf galaxies as laboratories of star formation and cosmology. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 323-330.   | 0.0 | 4         |
| 155 | The interstellar medium in Andromeda's dwarf spheroidal galaxies â€“ II. Multiphase gas content and ISM conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3741-3758. | 4.4 | 4         |
| 156 | Revealing the cold dust in low-metallicity environments (Corrigendum). <i>Astronomy and Astrophysics</i> , 2015, 573, C1.  | 5.1 | 4         |
| 157 | Variation in the dust spectral index across M33. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 125-127.  | 0.0 | 1         |
| 158 | Star Formation in M 33 (HerM33es). <i>EAS Publications Series</i> , 2011, 52, 107-112.   | 0.3 | 1         |
| 159 | Star formation and gas in the minor merger UGC 10214. <i>Astronomy and Astrophysics</i> , 2019, 623, A154.   | 5.1 | 1         |
| 160 | VALES. <i>Astronomy and Astrophysics</i> , 2021, 654, A128.  | 5.1 | 1         |
| 161 | Submillimetre photometry of 323 nearby galaxies from the Herschel Reference Survey (Corrigendum). <i>Astronomy and Astrophysics</i> , 2013, 550, C1.   | 5.1 | 1         |
| 162 | The Herschel M 33 extended survey (HerM33es): PACS spectroscopy of the star forming region BCLMPâ€“%302 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2012, 537, C3.                            | 5.1 | 1         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Intergalactic star formation around NGC 5291. Proceedings of the International Astronomical Union, 2006, 2, 398-398.  | 0.0 | 0         |
| 164 | Spectral Energy Distributions of a set of H $\alpha$ regions in M33 (HerM33es). Proceedings of the International Astronomical Union, 2011, 7, 122-124.                            | 0.0 | 0         |
| 165 | Fitting the full SED of galaxies to put constraints on dust attenuation and star formation determinations. Proceedings of the International Astronomical Union, 2011, 7, 297-300. | 0.0 | 0         |
| 166 | Gas and attenuation in galaxies. Proceedings of the International Astronomical Union, 2012, 8, 283-283.   | 0.0 | 0         |
| 167 | Exploring the star formation histories of galaxies in different environments from MaNGA spectra. Proceedings of the International Astronomical Union, 2019, 15, 60-64.            | 0.0 | 0         |