# Modeling the Panchromatic Spectral Energy Distributio

Annual Review of Astronomy and Astrophysics
51, 393-455
DOI: 10.1146/annurev-astro-082812-141017

Citation Report

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | THE DUST ATTENUATION LAW IN DISTANT GALAXIES: EVIDENCE FOR VARIATION WITH SPECTRAL TYPE. Astrophysical Journal Letters, 2013, 775, L16. | 3.0 | 234 |
| 2 | EXPLORING THE CHEMICAL LINK BETWEEN LOCAL ELLIPTICALS AND THEIR HIGH-REDSHIFT PROGENITORS. Astrophysical Journal Letters, 2013, 778, L24. | 3.0 | 15 |
| 3 | BayeSED: A GENERAL APPROACH TO FITTING THE SPECTRAL ENERGY DISTRIBUTION OF GALAXIES. Astrophysical Journal, Supplement Series, 2014, 215, 2. | 3.0 | 47 |
| 4 | A HIGHLY CONSISTENT FRAMEWORK FOR THE EVOLUTION OF THE STAR-FORMING â€œMAIN SEQUENCEâ€•FROM z âˆ¼ 0-6. Astrophysical Journal, Supplement Series, 2014, 214, 15. | 3.0 | 1,091 |
| 5 | BEINGWISE. I. VALIDATING STELLAR POPULATION MODELS ANDM<sub>â††</sub>/LRATIOS AT 3.4 and 4.6 Îźm. Astrophysical Journal, 2014, 797, 55. | 1.6 | 36 |
| 6 | Chemical and Photometric Evolution Models for Disk, Irregular, and Low Mass Galaxies. Advances in Astronomy, 2014, 2014, 1-26. | 0.5 | 7 |
| 7 | A new method for classifying galaxy SEDs from multiwavelength photometry. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1880-1898. | 1.6 | 59 |
| 8 | The mass evolution of the first galaxies: stellar mass functions and star formation rates at 4 < z < 7 in the CANDELS GOODS-South field. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2960-2984. | 1.6 | 236 |
| 9 | THE EFFECTS OF STELLAR ROTATION. II. A COMPREHENSIVE SET OF STARBURST99 MODELS. Astrophysical Journal, Supplement Series, 2014, 212, 14. | 3.0 | 328 |
| 10 | STEADILY INCREASING STAR FORMATION RATES IN GALAXIES OBSERVED AT 3 â‰²zâ‰² 5 IN THE CANDELS/GOODS-S FIELD. Astrophysical Journal, 2014, 783, 81. | 1.6 | 14 |
| 11 | FLUCTUATION SPECTROSCOPY: A NEW PROBE OF OLD STELLAR POPULATIONS. Astrophysical Journal, 2014, 797, 56. | 1.6 | 14 |
| 12 | THE NATURE OF EXTREME EMISSION LINE GALAXIES ATz= 1-2: KINEMATICS AND METALLICITIES FROM NEAR-INFRARED SPECTROSCOPY. Astrophysical Journal, 2014, 791, 17. | 1.6 | 97 |
| 13 | Initial Mass Function for Massive Galaxies at z ~ 1. Proceedings of the International Astronomical Union, 2014, 10, 136-139. | 0.0 | 0 |
| 14 | DIRECT MEASUREMENTS OF DUST ATTENUATION INzâˆź 1.5 STAR-FORMING GALAXIES FROM 3D-HST: IMPLICATIONS FOR DUST GEOMETRY AND STAR FORMATION RATES. Astrophysical Journal, 2014, 788, 86. | 1.6 | 150 |
| 15 | A TALE OF A RICH CLUSTER ATzâˆź 0.8 AS SEEN BY THE STAR FORMATION HISTORIES OF ITS EARLY-TYPE GALAXIES. Astrophysical Journal, 2014, 797, 136. | 1.6 | 16 |
| 16 | THE STAR FORMATION HISTORIES OF LOCAL GROUP DWARF GALAXIES. I.HUBBLE SPACE TELESCOPE/WIDE FIELD PLANETARY CAMERA 2 OBSERVATIONS. Astrophysical Journal, 2014, 789, 147. | 1.6 | 362 |
| 17 | THE ASSEMBLY HISTORIES OF QUIESCENT GALAXIES SINCEz= 0.7 FROM ABSORPTION LINE SPECTROSCOPY. Astrophysical Journal, 2014, 792, 95. | 1.6 | 124 |
| 18 | SIMULTANEOUS MODELING OF THE STELLAR AND DUST EMISSION IN DISTANT GALAXIES: IMPLICATIONS FOR STAR FORMATION RATE MEASUREMENTS. Astrophysical Journal Letters, 2014, 783, L30. | 3.0 | 63 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | SPECTRAL ENERGY DISTRIBUTION FITTING OF HETDEX PILOT SURVEY LyÎ± EMITTERS IN COSMOS AND GOODS-N. Astrophysical Journal, 2014, 786, 59. | 1.6 | 45 |
| 20 | ANDROMEDA (M31) OPTICAL AND INFRARED DISK SURVEY. I. INSIGHTS IN WIDE-FIELD NEAR-IR SURFACE PHOTOMETRY. Astronomical Journal, 2014, 147, 109. | 1.9 | 13 |
| 21 | THE UNIVERSAL RELATION OF GALACTIC CHEMICAL EVOLUTION: THE ORIGIN OF THE MASS-METALLICITY RELATION. Astrophysical Journal, 2014, 791, 130. | 1.6 | 240 |
| 22 | STAR FORMATION HISTORIES ACROSS THE INTERACTING GALAXY NGC 6872, THE LARGEST-KNOWN SPIRAL. Astrophysical Journal, 2014, 795, 89. | 1.6 | 12 |
| 23 | KILOPARSEC-SCALE PROPERTIES OF EMISSION-LINE GALAXIES. Astrophysical Journal, 2014, 797, 108. | 1.6 | 28 |
| 24 | Iris: An extensible application for building and analyzing spectral energy distributions. Astronomy and Computing, 2014, 7-8, 81-94. | 0.8 | 5 |
| 25 | EARLY-TYPE GALAXY ARCHEOLOGY: AGES, ABUNDANCE RATIOS, AND EFFECTIVE TEMPERATURES FROM FULL-SPECTRUM FITTING. Astrophysical Journal, 2014, 780, 33. | 1.6 | 192 |
| 26 | THE CORE MASS GROWTH AND STELLAR LIFETIME OF THERMALLY PULSING ASYMPTOTIC GIANT BRANCH STARS. Astrophysical Journal, 2014, 782, 17. | 1.6 | 54 |
| 27 | The Evolution of Galaxy Structure Over Cosmic Time. Annual Review of Astronomy and Astrophysics, 2014, 52, 291-337. | 8.1 | 296 |
| 28 | Cosmic Star-Formation History. Annual Review of Astronomy and Astrophysics, 2014, 52, 415-486. | 8.1 | 2,724 |
| 29 | Galaxy masses. Reviews of Modern Physics, 2014, 86, 47-119. | 16.4 | 226 |
| 30 | What Regulates Galaxy Evolution? Open questions in our understanding of galaxy formation and evolution. New Astronomy Reviews, 2014, 62-63, 1-14. | 5.2 | 11 |
| 31 | Dusty star-forming galaxies at high redshift. Physics Reports, 2014, 541, 45-161. | 10.3 | 564 |
| 32 | The star formation history of CALIFA galaxies: Radial structures. Astronomy and Astrophysics, 2014, 562, A47. | 2.1 | 142 |
| 33 | Ultraviolet to infrared emission ofz> 1 galaxies: Can we derive reliable star formation rates and stellar masses?. Astronomy and Astrophysics, 2014, 561, A39. | 2.1 | 61 |
| 34 | The Distribution of Mass in (Disk) Galaxies: Maximal or Not?. Proceedings of the International Astronomical Union, 2014, 10, 364-370. | 0.0 | 0 |
| 35 | Lick-index entanglement and biased diagnostic of stellar populations in galaxiesâ˜.... Monthly Notices of the Royal Astronomical Society, 2015, 449, 296-315. | 1.6 | 1 |
| 36 | Biases and systematics in the observational derivation of galaxy properties: comparing different techniques on synthetic observations of simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2381-2400. | 1.6 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | FORMING COMPACT MASSIVE GALAXIES. Astrophysical Journal, 2015, 813, 23. | 1.6 | 240 |
| 38 | DISK-STABILITY CONSTRAINTS ON THE NUMBER OF ARMS IN SPIRAL GALAXIES. Astrophysical Journal Letters, 2015, 808, L8. | 3.0 | 37 |
| 39 | A SPECTROSCOPIC AND PHOTOMETRIC EXPLORATION OF THE C/M RATIO IN THE DISK OF M31. Astrophysical Journal, 2015, 810, 60. | 1.6 | 18 |
| 40 | THE DUST ATTENUATION CURVE VERSUS STELLAR MASS FOR EMISSION LINE GALAXIES ATzâ^¼ 2. Astrophysical Journal, 2015, 814, 162. | 1.6 | 31 |
| 41 | A consistent view on star-forming galaxies at high redshift from multi-wavelength observations and SED modeling. Proceedings of the International Astronomical Union, 2015, 11, 45-48. | 0.0 | 0 |
| 42 | Constraining the properties of AGN host galaxies with spectral energy distribution modelling. Astronomy and Astrophysics, 2015, 576, A10. | 2.1 | 171 |
| 43 | Dust attenuation up tozâ‰ƒ 2 in the AKARI North Ecliptic Pole Deep Field. Astronomy and Astrophysics, 2015, 577, A141. | 2.1 | 33 |
| 44 | The stellar spectral features of nearby galaxies in the near infrared: tracers of thermally pulsing asymptotic giant branch stars?. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3069-3079. | 1.6 | 24 |
| 45 | The evolving relation between star formation rate and stellar mass in the VIDEO survey sincezÂ=Â3. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2541-2558. | 1.6 | 57 |
| 46 | Observed trend in the star formation history and the dark matter fraction of galaxies at redshiftzÂâ‰ˆÂ0.8. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1332-1357. | 1.6 | 27 |
| 47 | Are the total mass density and the low-mass end slope of the IMF anticorrelated?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 452, L21-L25. | 1.2 | 35 |
| 48 | New constraints on dust emission and UV attenuation ofz= 6.5â€“7.5 galaxies from millimeter observations. Astronomy and Astrophysics, 2015, 574, A19. | 2.1 | 80 |
| 49 | Satellite content and quenching of star formation in galaxy groups atz~ 1.8. Astronomy and Astrophysics, 2015, 581, A56. | 2.1 | 11 |
| 50 | The Planetary Nebula Luminosity Function and its Issues. Proceedings of the International Astronomical Union, 2015, 11, 15-19. | 0.0 | 1 |
| 51 | The Planetary Nebula Luminosity Function and its Issues. Proceedings of the International Astronomical Union, 2015, 11, . | 0.0 | 0 |
| 52 | ON THE GLOBAL MASS DISTRIBUTION IN DISK GALAXIES. Astrophysical Journal Letters, 2015, 801, L20. | 3.0 | 58 |
| 53 | The X-Shooter Lens Survey â€“ II. Sample presentation and spatially-resolved kinematics. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2434-2444. | 1.6 | 10 |
| 54 | ULTRAVIOLET RADIATIVE TRANSFER MODELING OF NEARBY GALAXIES WITH EXTRAPLANAR DUSTS. Astrophysical Journal, 2015, 815, 133. | 1.6 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | PHYSICAL AND MORPHOLOGICAL PROPERTIES OF [O II] EMITTING GALAXIES IN THE HETDEX PILOT SURVEY. Astrophysical Journal, 2015, 799, 205. | 1.6 | 7 |
| 56 | REVISED MASS-TO-LIGHT RATIOS FOR NEARBY GALAXY GROUPS AND CLUSTERS. Astrophysical Journal, 2015, 800, 122. | 1.6 | 10 |
| 57 | On the Recovery of Galaxy Properties from SED Fitting Solutions. Publications of the Astronomical Society of the Pacific, 2015, 127, 16-30. | 1.0 | 24 |
| 58 | Cosmic X-ray surveys of distant active galaxies. Astronomy and Astrophysics Review, 2015, 23, 1. | 9.1 | 243 |
| 59 | THE RELATION BETWEEN DYNAMICAL MASS-TO-LIGHT RATIO AND COLOR FOR MASSIVE QUIESCENT GALAXIES OUT TOzâˆ¼ 2 AND COMPARISON WITH STELLAR POPULATION SYNTHESIS MODELS. Astrophysical Journal, 2015, 799, 125. | 1.6 | 17 |
| 60 | Should we believe the results of ultravioletâ€“millimetre galaxy spectral energy distribution modelling?. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1512-1535. | 1.6 | 87 |
| 61 | Missing stellar mass in SED fitting: spatially unresolved photometry can underestimate galaxy masses. Monthly Notices of the Royal Astronomical Society, 2015, 452, 235-245. | 1.6 | 47 |
| 62 | Physical Models of Galaxy Formation in a Cosmological Framework. Annual Review of Astronomy and Astrophysics, 2015, 53, 51-113. | 8.1 | 960 |
| 63 | Feeding an astrophysical database via distributed computing resources: The case of BaSTI. Astronomy and Computing, 2015, 11, 109-118. | 0.8 | 1 |
| 64 | The star formation history of galaxies: the role of galaxy mass, morphology and environment. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2749-2763. | 1.6 | 53 |
| 65 | STELLAR MASSES FROM THE CANDELS SURVEY: THE GOODS-SOUTH AND UDS FIELDS. Astrophysical Journal, 2015, 801, 97. | 1.6 | 218 |
| 66 | SIMULTANEOUS ESTIMATION OF PHOTOMETRIC REDSHIFTS AND SED PARAMETERS: IMPROVED TECHNIQUES AND A REALISTIC ERROR BUDGET. Astrophysical Journal, 2015, 804, 8. | 1.6 | 20 |
| 67 | THE HIGH-MASS STELLAR INITIAL MASS FUNCTION IN M31 CLUSTERS. Astrophysical Journal, 2015, 806, 198. | 1.6 | 57 |
| 68 | THE NON-UNIVERSALITY OF THE LOW-MASS END OF THE IMF IS ROBUST AGAINST THE CHOICE OF SSP MODEL. Astrophysical Journal, 2015, 803, 87. | 1.6 | 36 |
| 69 | AN ALMA SURVEY OF SUB-MILLIMETER GALAXIES IN THE EXTENDEDCHANDRADEEP FIELD SOUTH: PHYSICAL PROPERTIES DERIVED FROM ULTRAVIOLET-TO-RADIO MODELING. Astrophysical Journal, 2015, 806, 110. | 1.6 | 326 |
| 70 | Mapping stellar content to dark matter haloes using galaxy clustering and galaxyâ€“galaxy lensing in the SDSS DR7. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1161-1191. | 1.6 | 145 |
| 71 | Deriving star formation histories from photometry using energy balance spectral energy distribution modelling. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1597-1607. | 1.6 | 40 |
| 72 | On the uncertainties of stellar mass estimates via colour measurements. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3209-3225. | 1.6 | 111 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Evolutionary stellar population synthesis with MILES â€“ II. Scaled-solar and Î±-enhanced models. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1177-1214. | 1.6 | 244 |
| 74 | BLACK HOLE AND GALAXY COEVOLUTION FROM CONTINUITY EQUATION AND ABUNDANCE MATCHING. Astrophysical Journal, 2015, 810, 74. | 1.6 | 87 |
| 75 | STELLAR POPULATIONS OF BARRED QUIESCENT GALAXIES. Astrophysical Journal, 2015, 807, 36. | 1.6 | 9 |
| 76 | THE PANCHROMATICHUBBLEANDROMEDA TREASURY. XI. THE SPATIALLY RESOLVED RECENT STAR FORMATION HISTORY OF M31. Astrophysical Journal, 2015, 805, 183. | 1.6 | 86 |
| 77 | CIRCUMSTELLAR DUST AROUND AGB STARS AND IMPLICATIONS FOR INFRARED EMISSION FROM GALAXIES. Astrophysical Journal, 2015, 806, 82. | 1.6 | 45 |
| 78 | THE EVOLUTION OF THE GALAXY STELLAR MASS FUNCTION AT z = 4â€“8: A STEEPENING LOW-MASS-END SLOPE WITH INCREASING REDSHIFT. Astrophysical Journal, 2016, 825, 5. | 1.6 | 243 |
| 79 | HST EMISSION LINE GALAXIES AT z âˆ¼ 2: COMPARING PHYSICAL PROPERTIES OF LYMAN ALPHA AND OPTICAL EMISSION LINE SELECTED GALAXIES. Astrophysical Journal, 2016, 817, 79. | 1.6 | 50 |
| 80 | ZFIRE: A KECK/MOSFIRE SPECTROSCOPIC SURVEY OF GALAXIES IN RICH ENVIRONMENTS AT z âˆ¼ 2. Astrophysical Journal, 2016, 828, 21. | 1.6 | 53 |
| 81 | Recent SFR calibrations and the constant SFR approximation. Astronomy and Astrophysics, 2016, 589, A108. | 2.1 | 6 |
| 82 | PHYSICAL PROPERTIES OF SPECTROSCOPICALLY CONFIRMED GALAXIES AT zÂâ‰¥Â6. III. STELLAR POPULATIONS FROM SED MODELING WITH SECURE LyÎ± EMISSION AND REDSHIFTS*. Astrophysical Journal, 2016, 816, 16. | 1.6 | 35 |
| 83 | THE SFRâ€“M<sub>*</sub> RELATION AND EMPIRICAL STAR FORMATION HISTORIES FROM ZFOURGE AT 0.5 < z < 4*. Astrophysical Journal, 2016, 817, 118. | 1.6 | 241 |
| 84 | Effect of the star formation histories on theSFR-M<sub>â^—</sub>relation atzâ‰¥ 2. Astronomy and Astrophysics, 2016, 593, A9. | 2.1 | 24 |
| 85 | Observational Searches for Star-Forming Galaxies at z > 6. Publications of the Astronomical Society of Australia, 2016, 33, . | 1.3 | 117 |
| 86 | Disentangling star formation and AGN activity in powerful infrared luminous radio galaxies at 1 <<i>z</i>< 4. Astronomy and Astrophysics, 2016, 593, A109. | 2.1 | 21 |
| 87 | Star formation along the Hubble sequence. Astronomy and Astrophysics, 2016, 590, A44. | 2.1 | 128 |
| 88 | MESA ISOCHRONES AND STELLAR TRACKS (MIST). I. SOLAR-SCALED MODELS. Astrophysical Journal, 2016, 823, 102. | 1.6 | 1,688 |
| 89 | HOW ACCURATE ARE INFRARED LUMINOSITIES FROM MONOCHROMATIC PHOTOMETRIC EXTRAPOLATION?. Astronomical Journal, 2016, 152, 191. | 1.9 | 5 |
| 90 | THE MAIN SEQUENCES OF STAR-FORMING GALAXIES AND ACTIVE GALACTIC NUCLEI AT HIGH REDSHIFT. Astrophysical Journal, 2016, 833, 152. | 1.6 | 43 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | RADIATIVE TRANSFER MODEL OF DUST ATTENUATION CURVES IN CLUMPY, GALACTIC ENVIRONMENTS. Astrophysical Journal, 2016, 833, 201. | 1.6 | 60 |
| 92 | Towards universal hybrid star formation rate estimators. Astronomy and Astrophysics, 2016, 591, A6. | 2.1 | 76 |
| 93 | Inferring the star-formation histories of the most massive and passive early-type galaxies atz< 0.3. Astronomy and Astrophysics, 2016, 592, A19. | 2.1 | 46 |
| 94 | The SAMI Galaxy Survey: extraplanar gas, galactic winds and their association with star formation history. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1257-1278. | 1.6 | 70 |
| 95 | Low-mass disc galaxies and the issue of stability: MOND versus dark matter. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3918-3936. | 1.6 | 3 |
| 96 | Structure and Kinematics of Early-Type Galaxies from Integral Field Spectroscopy. Annual Review of Astronomy and Astrophysics, 2016, 54, 597-665. | 8.1 | 330 |
| 97 | Comparing Dark Energy Survey andHSTâ€“CLASH observations of the galaxy cluster RXC J2248.7â^'4431: implications for stellar mass versus dark matter. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1486-1499. | 1.6 | 12 |
| 98 | Spectral Synthesis via Mean Field approach to Independent Component Analysis. Research in Astronomy and Astrophysics, 2016, 16, 006. | 0.7 | 2 |
| 99 | GALEXâ€“SDSSâ€“WISE LEGACY CATALOG (GSWLC): STAR FORMATION RATES, STELLAR MASSES, AND DUST ATTENUATIONS OF 700,000 LOW-REDSHIFT GALAXIES. Astrophysical Journal, Supplement Series, 2016, 227, 2. | 3.0 | 246 |
| 100 | SDSS-II SUPERNOVA SURVEY: AN ANALYSIS OF THE LARGEST SAMPLE OF TYPE IA SUPERNOVAE AND CORRELATIONS WITH HOST-GALAXY SPECTRAL PROPERTIES. Astrophysical Journal, 2016, 821, 115. | 1.6 | 24 |
| 101 | What can distant galaxies teach us about massive stars?. Proceedings of the International Astronomical Union, 2016, 12, 305-312. | 0.0 | 1 |
| 102 | CAUGHT IN THE ACT: GAS AND STELLAR VELOCITY DISPERSIONS IN A FAST QUENCHING COMPACT STAR-FORMING GALAXY AT zÂâ^¼Â1.7. Astrophysical Journal, 2016, 820, 120. | 1.6 | 39 |
| 103 | PIXEL COLOR MAGNITUDE DIAGRAMS FOR SEMI-RESOLVED STELLAR POPULATIONS: THE STAR FORMATION HISTORY OF REGIONS WITHIN THE DISK AND BULGE OF M31. Astrophysical Journal, 2016, 827, 9. | 1.6 | 15 |
| 104 | The VIPERS Multi-Lambda Survey. Astronomy and Astrophysics, 2016, 590, A102. | 2.1 | 74 |
| 105 | THE QUEST FOR DUSTY STAR-FORMING GALAXIES AT HIGH REDSHIFT z â‰³ 4. Astrophysical Journal, 2016, 823, 128. | 1.6 | 42 |
| 106 | Stellar population effects on the inferred photon density at reionization. Monthly Notices of the Royal Astronomical Society, 2016, 456, 485-499. | 1.6 | 270 |
| 107 | The photometric properties of galaxies in the early Universe. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3170-3178. | 1.6 | 31 |
| 108 | Galaxy And Mass Assembly: accurate panchromatic photometry from optical priors using lambdar. Monthly Notices of the Royal Astronomical Society, 2016, 460, 765-801. | 1.6 | 138 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | INFRARED SPECTRAL ENERGY DISTRIBUTION DECOMPOSITION OF WISE-SELECTED, HYPERLUMINOUS HOT DUST-OBSCURED GALAXIES. Astrophysical Journal, 2016, 823, 107. | 1.6 | 48 |
| 110 | The SAMI Galaxy Survey: gas streaming and dynamical M/L in rotationally supported systems. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1299-1319. | 1.6 | 10 |
| 111 | YOUNG, STAR-FORMING GALAXIES AND THEIR LOCAL COUNTERPARTS: THE EVOLVING RELATIONSHIP OF MASSâ€“SFRâ€“METALLICITY SINCE zÂâˆ¼Â2.1. Astrophysical Journal, 2016, 817, 10. | 1.6 | 25 |
| 112 | ZFIRE: The Evolution of the Stellar Mass Tullyâ€“Fisher Relation to Redshift âˆ¼2.2. Astrophysical Journal, 2017, 839, 57. | 1.6 | 26 |
| 113 | Characterizing Dust Attenuation in Local Star-forming Galaxies: Near-infrared Reddening and Normalization. Astrophysical Journal, 2017, 840, 109. | 1.6 | 30 |
| 114 | Nebular Continuum and Line Emission in Stellar Population Synthesis Models. Astrophysical Journal, 2017, 840, 44. | 1.6 | 217 |
| 115 | Supernova remnants in the Local Group â€“ I. A model for the radio luminosity function and visibility times of supernova remnants. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2326-2340. | 1.6 | 43 |
| 116 | KMOS<sup>3D</sup> Reveals Low-level Star Formation Activity in Massive Quiescent Galaxies at 0.7Â<ÂzÂ<Â2.7<sup>âˆ—</sup>. Astrophysical Journal Letters, 2017, 841, L6. | 3.0 | 44 |
| 117 | Reconstruction of Galaxy Star Formation Histories through SED Fitting:The Dense Basis Approach. Astrophysical Journal, 2017, 838, 127. | 1.6 | 70 |
| 118 | Deriving Physical Properties from Broadband Photometry with Prospector: Description of the Model and a Demonstration of its Accuracy Using 129 Galaxies in the Local Universe. Astrophysical Journal, 2017, 837, 170. | 1.6 | 312 |
| 119 | MOSFIRE SPECTROSCOPY OF QUIESCENT GALAXIES AT 1.5 <ÂzÂ< 2.5. I. EVOLUTION OF STRUCTURAL AND DYNAMICAL PROPERTIES. Astrophysical Journal, 2017, 834, 18. | 1.6 | 81 |
| 120 | Universe opacity and EBL. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1532-1542. | 1.6 | 8 |
| 121 | Sacrificing information for the greater good: how to select photometric bands for optimal accuracy. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2577-2596. | 1.6 | 13 |
| 122 | Radial gradients in initial mass function sensitive absorption features in the Coma brightest cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 192-212. | 1.6 | 32 |
| 123 | Circumstellar dust, PAHs and stellar populations in early-type galaxies: insights fromGALEXandWISE. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3920-3936. | 1.6 | 14 |
| 124 | Deriving photometric redshifts using fuzzy archetypes and self-organizing maps â€“ I. Methodology. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1186-1204. | 1.6 | 19 |
| 125 | Stellar Mass Function of Active and Quiescent Galaxies via the Continuity Equation. Astrophysical Journal, 2017, 847, 13. | 1.6 | 18 |
| 126 | Galaxy properties from J-PAS narrow-band photometry. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4722-4746. | 1.6 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Improving the full spectrum fitting method: accurate convolution with Gaussâ€“Hermite functions. Monthly Notices of the Royal Astronomical Society, 2017, 466, 798-811. | 1.6 | 823 |
| 128 | Herschel and Hubble Study of a Lensed Massive Dusty Starbursting Galaxy at z âˆ¼ 3<sup>âˆ—</sup>. Astrophysical Journal, 2017, 844, 82. | 1.6 | 12 |
| 129 | On the Evolution of the Central Density of Quiescent Galaxies. Astrophysical Journal Letters, 2017, 844, L1. | 3.0 | 28 |
| 130 | Constraining the galaxyâ€“halo connection over the last 13.3ÂGyr: star formation histories, galaxy mergers and structural properties. Monthly Notices of the Royal Astronomical Society, 2017, 470, 651-687. | 1.6 | 166 |
| 131 | The little Galaxies that could (reionize the universe): predicting faint end slopes & escape fractions at z>4. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4077-4092. | 1.6 | 30 |
| 132 | Effect of different cosmologies on the galaxy stellar mass function. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3098-3111. | 1.6 | 2 |
| 133 | THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XVII. EXAMINING OBSCURED STAR FORMATION WITH SYNTHETIC ULTRAVIOLET FLUX MAPS IN M31*. Astrophysical Journal, 2017, 834, 70. | 1.6 | 10 |
| 134 | The Impact of Star Formation Histories on Stellar Mass Estimation: Implications from the Local Group Dwarf Galaxies. Astrophysical Journal, Supplement Series, 2017, 233, 13. | 3.0 | 41 |
| 135 | Binary Population and Spectral Synthesis Version 2.1: Construction, Observational Verification, and New Results. Publications of the Astronomical Society of Australia, 2017, 34, . | 1.3 | 600 |
| 136 | A Comprehensive Study of LyÎ± Emission in the High-redshift Galaxy Population. Astrophysical Journal, 2017, 843, 133. | 1.6 | 59 |
| 137 | Fitting Analysis using Differential evolution Optimization (FADO):. Astronomy and Astrophysics, 2017, 603, A63. | 2.1 | 43 |
| 138 | Dust masses of zÂ>Â5 galaxies from SED fitting and ALMA upper limits. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4587-4597. | 1.6 | 16 |
| 139 | (Star)bursts of FIRE: observational signatures of bursty star formation in galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 466, 88-104. | 1.6 | 169 |
| 140 | The sub-galactic and nuclear main sequences for local star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1192-1204. | 1.6 | 34 |
| 141 | The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2054-2084. | 1.6 | 63 |
| 142 | The EDGE-CALIFA Survey: Interferometric Observations of 126 Galaxies with CARMA. Astrophysical Journal, 2017, 846, 159. | 1.6 | 136 |
| 143 | The Extended IRTF Spectral Library: Expanded Coverage in Metallicity, Temperature, and Surface Gravity. Astrophysical Journal, Supplement Series, 2017, 230, 23. | 3.0 | 65 |
| 144 | Characterizing Dust Attenuation in Local Star-forming Galaxies: Inclination Effects and the 2175 Ã… Feature. Astrophysical Journal, 2017, 851, 90. | 1.6 | 38 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Characterizing the UV-to-NIR shape of the dust attenuation curve of IR luminous galaxies up to z âˆ¼ 2. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1372-1391. | 1.6 | 77 |
| 146 | Radiative transfer meets Bayesian statistics: where does a galaxy's [Câ€‰ii] emission come from?. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3315-3330. | 1.6 | 27 |
| 147 | On the Spatially Resolved Star Formation History in M51. I. Hybrid UV+IR Star Formation Laws and IR Emission from Dust Heated by Old Stars. Astrophysical Journal, 2017, 851, 10. | 1.6 | 30 |
| 148 | ZFIRE: using HÎ± equivalent widths to investigate the in situ initial mass function at zÂâˆ¼Â2. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3071-3108. | 1.6 | 19 |
| 149 | X-rays across the galaxy population â€“ I. Tracing the main sequence of star formation. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3390-3415. | 1.6 | 83 |
| 150 | Mass content of UGCÂ6446 and UGCÂ7524 through Hâ€‰i rotation curves: deriving the stellar discs from stellar population synthesis models. Monthly Notices of the Royal Astronomical Society, 2017, 468, 180-195. | 1.6 | 4 |
| 151 | Impact of an AGN featureless continuum on estimation of stellar population properties. Astronomy and Astrophysics, 2017, 604, A99. | 2.1 | 15 |
| 152 | The COSMOS2015 galaxy stellar mass function. Astronomy and Astrophysics, 2017, 605, A70. | 2.1 | 283 |
| 153 | The Intrinsic Characteristics of Galaxies on the SFRâ€“M<sub>âˆ—</sub> Plane at 1.2 < z < 4: I. The Correlation between Stellar Age, Central Density, and Position Relative to the Main Sequence. Astrophysical Journal, 2018, 853, 131. | 1.6 | 50 |
| 154 | Resolving the discâ€“halo degeneracy â€“ I: a look at NGC 628. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1909-1930. | 1.6 | 29 |
| 155 | Dark matter self-interactions and small scale structure. Physics Reports, 2018, 730, 1-57. | 10.3 | 617 |
| 156 | Metal-rich, Metal-poor: Updated Stellar Population Models for Old Stellar Systems. Astrophysical Journal, 2018, 854, 139. | 1.6 | 113 |
| 157 | On the Observability of Individual Population III Stars and Their Stellar-mass Black Hole Accretion Disks through Cluster Caustic Transits. Astrophysical Journal, Supplement Series, 2018, 234, 41. | 3.0 | 66 |
| 158 | Cosmic evolution and metal aversion in superluminous supernova host galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1258-1285. | 1.6 | 120 |
| 159 | SDSS-IV MaNGA: Uncovering the Angular Momentum Content of Central and Satellite Early-type Galaxies. Astrophysical Journal, 2018, 852, 36. | 1.6 | 23 |
| 160 | Predictions for deep galaxy surveys with JWST from Î›CDM. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2352-2372. | 1.6 | 46 |
| 161 | Hot Dust in Panchromatic SED Fitting: Identification of Active Galactic Nuclei and Improved Galaxy Properties. Astrophysical Journal, 2018, 854, 62. | 1.6 | 54 |
| 162 | Galaxy and mass assembly (GAMA): the consistency of GAMA and WISE derived mass-to-light ratios. Monthly Notices of the Royal Astronomical Society, 2018, 473, 776-783. | 1.6 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Galaxy Inclination and the IRXâ€“Î² Relation: Effects on UV Star Formation Rate Measurements at Intermediate to High Redshifts. Astrophysical Journal, 2018, 869, 161. | 1.6 | 18 |
| 164 | OMEGA â€“ OSIRIS mapping of emission-line galaxies in A901/2 â€“ IV. Extinction of star formation estimators with inclination. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3788-3799. | 1.6 | 6 |
| 165 | Spatially resolved star formation and dust attenuation in Mrk 848: Comparison of the integral field spectra and the UV-to-IR SED. Astronomy and Astrophysics, 2018, 613, A13. | 2.1 | 17 |
| 166 | Probing evolutionary population synthesis models in the near infrared with early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4459-4480. | 1.6 | 17 |
| 167 | Ionised gas structure of 100 kpc in an over-dense region of the galaxy group COSMOS-Gr30 at z ~ 0.7. Astronomy and Astrophysics, 2018, 609, A40. | 2.1 | 30 |
| 168 | Characterizing circumgalactic gas around massive ellipticals at z âˆ¼ 0.4 â€“ I. Initial resultsâ˜…. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2547-2563. | 1.6 | 51 |
| 169 | Candidate List of Edge-on Galaxies with Substantial Extraplanar Dust. Astrophysical Journal, Supplement Series, 2018, 239, 21. | 3.0 | 7 |
| 170 | A Theory for the Variation of Dust Attenuation Laws in Galaxies. Astrophysical Journal, 2018, 869, 70. | 1.6 | 85 |
| 171 | The Dawes Review 8: Measuring the Stellar Initial Mass Function. Publications of the Astronomical Society of Australia, 2018, 35, . | 1.3 | 76 |
| 172 | A Redshift-independent Efficiency Model: Star Formation and Stellar Masses in Dark Matter Halos at zÂ‰³Â4. Astrophysical Journal, 2018, 868, 92. | 1.6 | 145 |
| 173 | EoS Dependence of the Relic Supernova Neutrino Spectrum. Astrophysical Journal, 2018, 869, 31. | 1.6 | 5 |
| 174 | On tests of full spectral fitting algorithms. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4480-4488. | 1.6 | 22 |
| 175 | Star-forming galaxies are predicted to lie on a fundamental plane of mass, star formation rate, and Î±-enhancement. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 479, L34-L39. | 1.2 | 20 |
| 176 | Synthetic [Câ€‰ii] emission maps of a simulated molecular cloud in formation. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4277-4299. | 1.6 | 25 |
| 177 | Spatially unresolved SED fitting can underestimate galaxy masses: a solution to the missing mass problem. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1532-1547. | 1.6 | 41 |
| 178 | No evidence for modifications of gravity from galaxy motions on cosmological scales. Nature Astronomy, 2018, 2, 967-972. | 4.2 | 31 |
| 179 | Mr-Moose: an advanced SED-fitting tool for heterogeneous multi-wavelength data sets. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4981-5000. | 1.6 | 8 |
| 180 | On the Red Giant Branch: Ambiguity in the Surface Boundary Condition Leads to â‰ˆ100 K Uncertainty in Model Effective Temperatures. Astrophysical Journal, 2018, 860, 131. | 1.6 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Recovering stellar population parameters via two full-spectrum fitting algorithms in the absence of model uncertainties. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2633-2649. | 1.6 | 36 |
| 182 | Age Determinations of the Hyades, Praesepe, and Pleiades via MESA Models with Rotation. Astrophysical Journal, 2018, 863, 67. | 1.6 | 103 |
| 183 | The IRXâ€“Î² dust attenuation relation in cosmological galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1718-1736. | 1.6 | 83 |
| 184 | SDSS-IV MaNGA: identification of active galactic nuclei in optical integral field unit surveys. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1499-1514. | 1.6 | 48 |
| 185 | Weak-lensing calibration of a stellar mass-based mass proxy for redMaPPer and Voronoi Tessellation clusters in SDSS Stripe 82. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1361-1372. | 1.6 | 20 |
| 186 | The stellar population and initial mass function of NGCâ€‰1399 with MUSE. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2443-2456. | 1.6 | 36 |
| 187 | Dust Attenuation Curves in the Local Universe: Demographics and New Laws for Star-forming Galaxies and High-redshift Analogs. Astrophysical Journal, 2018, 859, 11. | 1.6 | 324 |
| 188 | Dependence of Optical Active Galactic Nuclei Identification on Stellar Population Models. Astrophysical Journal, 2018, 861, 67. | 1.6 | 7 |
| 189 | Exploring the astrophysics of dark atoms. Physical Review D, 2018, 97, . | 1.6 | 14 |
| 190 | An extensive photometric catalogue of CALIFA galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 845-862. | 1.6 | 11 |
| 191 | Stellar Massâ€”Halo Mass Relation and Star Formation Efficiency in High-Mass Halos. Astronomy Letters, 2018, 44, 8-34. | 0.1 | 200 |
| 192 | Re-evaluating old stellar populations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 75-93. | 1.6 | 298 |
| 193 | Astrophysical tests of modified gravity: Stellar and gaseous rotation curves in dwarf galaxies. Physical Review D, 2018, 97, . | 1.6 | 32 |
| 194 | Spatially Resolved Metal Loss from M31. Astrophysical Journal, 2019, 877, 120. | 1.6 | 19 |
| 195 | Measuring Star Formation Histories, Distances, and Metallicities with Pixel Colorâ€“Magnitude Diagrams. I. Model Definition and Mock Tests. Astrophysical Journal, 2019, 876, 78. | 1.6 | 8 |
| 196 | Stochastic modelling of star-formation histories I: the scatter of the star-forming main sequence. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3845-3869. | 1.6 | 55 |
| 197 | PÃ‰GASE.3: A code for modeling the UV-to-IR/submm spectral and chemical evolution of galaxies with dust. Astronomy and Astrophysics, 2019, 623, A143. | 2.1 | 41 |
| 198 | Understanding Galaxy Evolution Through Emission Lines. Annual Review of Astronomy and Astrophysics, 2019, 57, 511-570. | 8.1 | 281 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Edge-on H i-bearing Ultra-diffuse Galaxy Candidates in the 40% ALFALFA Catalog. Astrophysical Journal, 2019, 880, 30. | 1.6 | 14 |
| 200 | Unravelling the origin of the counter-rotating core in IC 1459 with KMOS and MUSE. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1679-1694. | 1.6 | 7 |
| 201 | Time-slicing spiral galaxies with SDSS-IV MaNGA. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1338-1343. | 1.6 | 13 |
| 202 | MAGPHYS+photo-z: Constraining the Physical Properties of Galaxies with Unknown Redshifts. Astrophysical Journal, 2019, 882, 61. | 1.6 | 49 |
| 203 | The VANDELS survey: the star-formation histories of massive quiescent galaxies at 1.0Â<ÂzÂ<Â1.3. Monthly Notices of the Royal Astronomical Society, 2019, 490, 417-439. | 1.6 | 83 |
| 204 | The 50â€“100Âpc scale parent stellar populations of Type II supernovae and limitations of single star evolution models. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4515-4535. | 1.6 | 12 |
| 205 | Self-consistent population spectral synthesis with FADO. Astronomy and Astrophysics, 2019, 622, A56. | 2.1 | 15 |
| 206 | Dust properties and star formation of approximately a thousand local galaxies. Astronomy and Astrophysics, 2019, 631, A38. | 2.1 | 22 |
| 207 | Learning the relationship between galaxies spectra and their star formation histories using convolutional neural networks and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5503-5520. | 1.6 | 28 |
| 208 | Bringing Manifold Learning and Dimensionality Reduction to SED Fitters. Astrophysical Journal Letters, 2019, 881, L14. | 3.0 | 20 |
| 209 | Recalibrating the cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5359-5365. | 1.6 | 29 |
| 210 | On the dust temperatures of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1397-1422. | 1.6 | 97 |
| 211 | New Analytic Solutions for Galaxy Evolution: Gas, Stars, Metals, and Dust in Local ETGs and Their High-z Star-forming Progenitors. Astrophysical Journal, 2019, 880, 129. | 1.6 | 29 |
| 212 | The Intrinsic Scatter of the Radial Acceleration Relation*. Astrophysical Journal, 2019, 882, 6. | 1.6 | 23 |
| 213 | Merging Rates of Compact Binaries in Galaxies: Perspectives for Gravitational Wave Detections. Astrophysical Journal, 2019, 881, 157. | 1.6 | 41 |
| 214 | The Red Dead Redemption Survey of Circumgalactic Gas about Massive Galaxies. I. Mass and Metallicity of the Cool Phase. Astrophysical Journal, 2019, 883, 5. | 1.6 | 23 |
| 215 | From the far-ultraviolet to the far-infrared â€“ galaxy emission at 0 â‰¤ z â‰¤ 10 in the shark semi-analytic model. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4196-4216. | 1.6 | 61 |
| 216 | UniverseMachine: The correlation between galaxy growth and dark matter halo assembly from zÂ= 0â^'10. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3143-3194. | 1.6 | 659 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Diversity of Galaxy Dust Attenuation Curves Drives the Scatter in the IRXâ€“Î² Relation. Astrophysical Journal, 2019, 872, 23. | 1.6 | 28 |
| 218 | Exploring Heâ€“IIâ€„Î»1640 emission line properties at z â‰¼2â€“4. Astronomy and Astrophysics, 2019, 624, A89. | 2.1 | 43 |
| 219 | An Older, More Quiescent Universe from Panchromatic SED Fitting of the 3D-HST Survey. Astrophysical Journal, 2019, 877, 140. | 1.6 | 156 |
| 220 | Massive Dead Galaxies at z â‰¼ 2 with HST Grism Spectroscopy. I. Star Formation Histories and Metallicity Enrichment. Astrophysical Journal, 2019, 877, 141. | 1.6 | 52 |
| 221 | The VANDELS survey: the stellar metallicities of star-forming galaxies at $mathbf {2.5,, lt,, z,, lt,, 5.0}$. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2038-2060. | 1.6 | 70 |
| 222 | Photometric Redshifts and Stellar Masses for Galaxies from the DESI Legacy Imaging Surveys. Astrophysical Journal, Supplement Series, 2019, 242, 8. | 3.0 | 54 |
| 223 | Horizon-AGN virtual observatory â€“ 1. SED-fitting performance and forecasts for future imaging surveys. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5104-5123. | 1.6 | 44 |
| 224 | The First Metallicity Study of M83 Using the Integrated UV Light of Star Clusters<sup>*</sup>. Astrophysical Journal, 2019, 872, 116. | 1.6 | 16 |
| 225 | Constraining the thermally pulsing asymptotic giant branch phase with resolved stellar populations in the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5666-5692. | 1.6 | 122 |
| 226 | Star formation rates for photometric samples of galaxies using machine learning methods. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1377-1391. | 1.6 | 21 |
| 227 | Morphology-assisted galaxy mass-to-light predictions using deep learning. Astronomy and Astrophysics, 2019, 624, A102. | 2.1 | 7 |
| 228 | MOSFIRE Spectroscopy of Quiescent Galaxies at 1.5Â<ÂzÂ<Â2.5. II. Star Formation Histories and Galaxy Quenching. Astrophysical Journal, 2019, 874, 17. | 1.6 | 135 |
| 229 | Galaxy properties derived with spectral energy distribution fitting in the Hawaii-Hubble Deep Field-North. Research in Astronomy and Astrophysics, 2019, 19, 039. | 0.7 | 3 |
| 230 | The global stability of M33: still a puzzle. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4710-4723. | 1.6 | 25 |
| 231 | Two growing modes and the morphologyâ€“quiescence relation in isolated galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1927-1945. | 1.6 | 35 |
| 232 | Testing the Evolutionary Link between Type 1 and Type 2 Quasars with Measurements of the Interstellar Medium. Astrophysical Journal, 2019, 873, 90. | 1.6 | 29 |
| 233 | Spatially resolved mass-to-light from the CALIFA survey. Astronomy and Astrophysics, 2019, 621, A120. | 2.1 | 35 |
| 234 | Simulating and interpreting deep observations in the Hubble Ultra Deep Field with theJWST/NIRSpec low-resolution â€˜prismâ€™. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2621-2640. | 1.6 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | The Imprint of Element Abundance Patterns on Quiescent Galaxy Spectral Energy Distributions. Astrophysical Journal, 2019, 872, 136. | 1.6 | 8 |
| 236 | Recovering stellar population parameters via different population models and stellar libraries. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1675-1693. | 1.6 | 22 |
| 237 | How to Measure Galaxy Star Formation Histories. II. Nonparametric Models. Astrophysical Journal, 2019, 876, 3. | 1.6 | 248 |
| 238 | The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23. | 3.0 | 299 |
| 239 | SDSS-IV MaNGA: local and global chemical abundance patterns in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3420-3436. | 1.6 | 32 |
| 240 | SDSS-IV MaNGA: stellar initial mass function variation inferred from Bayesian analysis of the integral field spectroscopy of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5256-5275. | 1.6 | 28 |
| 241 | A SINFONI view of the nuclear activity and circumnuclear star formation in NGCâ€‰4303 â€“ II. Spatially resolved stellar populations. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4437-4453. | 1.6 | 11 |
| 242 | Interstellar Medium and Star Formation of Starburst Galaxies on the Merger Sequence. Astrophysical Journal, 2019, 870, 104. | 1.6 | 32 |
| 243 | Simultaneous analysis of SDSS spectra andGALEXphotometry with<scp>starlight</scp>: method and early results. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2382-2397. | 1.6 | 21 |
| 244 | Cosmological Interpretation of the Colorâ€“Magnitude Diagrams of Galaxy Clusters. Astrophysical Journal, 2019, 870, 70. | 1.6 | 8 |
| 245 | How to Measure Galaxy Star Formation Histories. I. Parametric Models. Astrophysical Journal, 2019, 873, 44. | 1.6 | 156 |
| 246 | Sunscreen: Photometric Signatures of Galaxies Partially Cloaked in Dyson Spheres. Publications of the Astronomical Society of the Pacific, 2019, 131, 024102. | 1.0 | 1 |
| 247 | De re metallica: the cosmic chemical evolution of galaxies. Astronomy and Astrophysics Review, 2019, 27, 1. | 9.1 | 372 |
| 248 | Interpreting galaxy properties with improved modelling. Proceedings of the International Astronomical Union, 2019, 15, 84-97. | 0.0 | 1 |
| 249 | Stellar population synthesis of galaxies with chemical evolution model. Proceedings of the International Astronomical Union, 2019, 15, 147-151. | 0.0 | 1 |
| 250 | Constraining the Metallicities, Ages, Star Formation Histories, and Ionizing Continua of Extragalactic Massive Star Populations<sup>âˆ—</sup>. Astrophysical Journal, 2019, 882, 182. | 1.6 | 89 |
| 251 | Predicting the global far-infrared emission of galaxies. Proceedings of the International Astronomical Union, 2019, 15, 114-118. | 0.0 | 0 |
| 252 | Panchromatic SED fitting codes and modelling techniques. Proceedings of the International Astronomical Union, 2019, 15, 26-34. | 0.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | Mentari: A pipeline to model the galaxy SED using semi analytic models. Proceedings of the International Astronomical Union, 2019, 15, 119-123. | 0.0 | 0 |
| 254 | Modeling dust in a universe of galaxies. Proceedings of the International Astronomical Union, 2019, 15, 44-54. | 0.0 | 0 |
| 255 | Stellar populations of galaxies in the ALHAMBRA survey up to z âˆ¼ 1. Astronomy and Astrophysics, 2019, 631, A156. | 2.1 | 17 |
| 256 | Alignment between Filaments and Galaxy Spins from the MaNGA Integral-field Survey. Astrophysical Journal, 2019, 876, 52. | 1.6 | 37 |
| 257 | The impact of stars stripped in binaries on the integrated spectra of stellar populations. Astronomy and Astrophysics, 2019, 629, A134. | 2.1 | 63 |
| 258 | Cold dust and stellar emissions in dust-rich galaxies observed with ALMA: a challenge for SED-fitting techniques. Astronomy and Astrophysics, 2019, 632, A79. | 2.1 | 59 |
| 259 | Signatures of Stellar Accretion in MaNGA Early-type Galaxies. Astrophysical Journal, 2019, 880, 111. | 1.6 | 28 |
| 260 | SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Libraryâ€”First Release. Astrophysical Journal, 2019, 883, 175. | 1.6 | 67 |
| 261 | Secondary Infall in the Seyfertâ€™s Sextet: A Plausible Way Out of the Short Crossing Time Paradox. Astrophysical Journal Letters, 2019, 886, L2. | 3.0 | 2 |
| 262 | Massive and old quiescent galaxies at high redshift. Astronomy and Astrophysics, 2019, 632, A80. | 2.1 | 32 |
| 263 | A New Calibration of Star Formation Rate in Galaxies Based on Polycyclic Aromatic Hydrocarbon Emission. Astrophysical Journal, 2019, 884, 136. | 1.6 | 31 |
| 264 | A direct test of density wave theory in a grand-design spiral galaxy. Nature Astronomy, 2019, 3, 178-182. | 4.2 | 26 |
| 265 | SDSS-IV MaNGA: pattern speeds of barred galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1733-1756. | 1.6 | 45 |
| 266 | A Comprehensive Bayesian Discrimination of the Simple Stellar Population Model, Star Formation History, and Dust Attenuation Law in the Spectral Energy Distribution Modeling of Galaxies. Astrophysical Journal, Supplement Series, 2019, 240, 3. | 3.0 | 24 |
| 267 | Modeling low-resolution galaxy spectral energy distribution with evolutionary algorithms. Neurocomputing, 2019, 326-327, 28-38. | 3.5 | 1 |
| 268 | To use or not to use synthetic stellar spectra in population synthesis models?. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2025-2042. | 1.6 | 26 |
| 269 | Sub one per cent mass fractions of young stars in red massive galaxies. Nature Astronomy, 2020, 4, 252-259. | 4.2 | 36 |
| 270 | No missing photons for reionization: moderate ionizing photon escape fractions from the FIRE-2 simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2001-2017. | 1.6 | 75 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Constraining the thermally pulsing asymptotic giant branch phase with resolved stellar populations in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3283-3301. | 1.6 | 75 |
| 272 | <scp>ProSpect</scp>: generating spectral energy distributions with complex star formation and metallicity histories. Monthly Notices of the Royal Astronomical Society, 2020, 495, 905-931. | 1.6 | 80 |
| 273 | SPECULATOR: Emulating Stellar Population Synthesis for Fast and Accurate Galaxy Spectra and Photometry. Astrophysical Journal, Supplement Series, 2020, 249, 5. | 3.0 | 33 |
| 274 | Intermediate-Mass Black Holes. Annual Review of Astronomy and Astrophysics, 2020, 58, 257-312. | 8.1 | 294 |
| 275 | Oxygen loss from simulated galaxies and the metal flow main sequence: predicting the dependence on mass and environment. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4433-4441. | 1.6 | 6 |
| 276 | Nuclear star clusters. Astronomy and Astrophysics Review, 2020, 28, 1. | 9.1 | 172 |
| 277 | The Dust Attenuation Law in Galaxies. Annual Review of Astronomy and Astrophysics, 2020, 58, 529-575. | 8.1 | 120 |
| 278 | Surrogate modelling the Baryonic Universe â€“ I. The colour of star formation. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2088-2104. | 1.6 | 19 |
| 279 | Evidence for Initial Mass Function Variation in Massive Early-Type Galaxies. Annual Review of Astronomy and Astrophysics, 2020, 58, 577-615. | 8.1 | 49 |
| 280 | Star-Forming Galaxies at Cosmic Noon. Annual Review of Astronomy and Astrophysics, 2020, 58, 661-725. | 8.1 | 98 |
| 281 | Evaluating the impact of binary parameter uncertainty on stellar population properties. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4605-4621. | 1.6 | 19 |
| 282 | The VIRUS-P Exploration of Nearby Galaxies (VENGA): the stellar populations and assembly of NGC 2903â€™s bulge, bar, and outer disc. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4094-4106. | 1.6 | 7 |
| 283 | Stellar population models based on the SDSS-IV MaStar library of stellar spectra â€“ I. Intermediate-age/old models. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2962-2997. | 1.6 | 43 |
| 284 | Clues on the history of early-type galaxies from SDSS spectra and GALEX photometry. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3251-3263. | 1.6 | 15 |
| 285 | Inverse stellar population age gradients of post-starburst galaxies at zÂ= 0.8 with LEGA-C. Monthly Notices of the Royal Astronomical Society, 2020, 497, 389-404. | 1.6 | 22 |
| 286 | From rest-frame luminosity functions to observer-frame colour distributions: tackling the next challenge in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3026-3046. | 1.6 | 16 |
| 287 | The cosmic evolution of the stellar massâ€“velocity dispersion relation of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1101-1120. | 1.6 | 8 |
| 288 | The GOGREEN survey: post-infall environmental quenching fails to predict the observed age difference between quiescent field and cluster galaxies at zÂ>Â1. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5317-5342. | 1.6 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 289 | Revisiting the local star-forming galaxies observed in the HETDEX Pilot Survey. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1073-1090. | 1.6 | 2 |
| 290 | Abundance matching tested on small scales with galaxy dynamics. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L101-L105. | 1.2 | 5 |
| 291 | UVÂand U-band luminosity functions from CLAUDS and HSC-SSP â€“ I. Using four million galaxies to simultaneously constrain the very faint and bright regimes to z âˆ¼ 3. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1894-1918. | 1.6 | 32 |
| 292 | Spatially Resolved Spectroscopic Properties of Low-Redshift Star-Forming Galaxies. Annual Review of Astronomy and Astrophysics, 2020, 58, 99-155. | 8.1 | 126 |
| 293 | The Variability of the Star Formation Rate in Galaxies. I. Star Formation Histories Traced by EW(HÎ±) and EW(HÎ´<sub>A</sub>). Astrophysical Journal, 2020, 892, 87. | 1.6 | 27 |
| 294 | The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64. | 3.0 | 57 |
| 295 | The Variability of Star Formation Rate in Galaxies. II. Power Spectrum Distribution on the Main Sequence. Astrophysical Journal, 2020, 895, 25. | 1.6 | 13 |
| 296 | Semi-analytic forecasts for JWST â€“ IV. Implications for cosmic reionization and LyC escape fraction. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4574-4592. | 1.6 | 45 |
| 297 | Timing the earliest quenching events with a robust sample of massive quiescent galaxies at 2 < z < 5. Monthly Notices of the Royal Astronomical Society, 2020, 496, 695-707. | 1.6 | 51 |
| 298 | Semi-analytic forecasts for JWST â€“ III. Intrinsic production efficiency of Lyman-continuum radiation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1002-1017. | 1.6 | 24 |
| 299 | The synthetic Emission Line COSMOS catalogue: HÎ± and [Oâ€‰<scp>ii</scp>] galaxy luminosity functions and counts at 0.3 < z < 2.5. Monthly Notices of the Royal Astronomical Society, 2020, 494, 199-217. | 1.6 | 23 |
| 300 | Infrared luminosity functions and dust mass functions in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2912-2924. | 1.6 | 16 |
| 301 | SDSS-IV MaNGA: Excavating the fossil record of stellar populations in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3387-3402. | 1.6 | 19 |
| 302 | The high-redshift SFRâ€“M* relation is sensitive to the employed star formation rate and stellar mass indicators: towards addressing the tension between observations and simulations. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5592-5606. | 1.6 | 30 |
| 303 | Fade to grey: systematic variation of galaxy attenuation curves with galaxy properties in the eagle simulations. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3937-3951. | 1.6 | 43 |
| 304 | The bivariate gasâ€“stellar mass distributions and the mass functions of early- and late-type galaxies at. Publications of the Astronomical Society of Australia, 2020, 37, . | 1.3 | 16 |
| 305 | High-mass X-ray binaries in nearby metal-poor galaxies: on the contribution to nebular Heâ€‰<scp>ii</scp> emission. Monthly Notices of the Royal Astronomical Society, 2020, 494, 941-957. | 1.6 | 44 |
| 306 | Does Gravity Fall Down? Evidence for Gravitational-wave Deflection along the Line of Sight to GW170817. Astrophysical Journal Letters, 2020, 890, L6. | 3.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 307 | KMTNet Nearby Galaxy Survey II. Searching for Dwarf Galaxies in Deep and Wide-field Images of the NGC 1291 System. Astrophysical Journal, 2020, 891, 18. | 1.6 | 14 |
| 308 | The WAGGS project-III. Discrepant mass-to-light ratios of Galactic globular clusters at high metallicity. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3859-3871. | 1.6 | 14 |
| 309 | Predicting star formation properties of galaxies using deep learning. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4808-4815. | 1.6 | 8 |
| 310 | Applications of Stellar Population Synthesis in the Distant Universe. Galaxies, 2020, 8, 6. | 1.1 | 5 |
| 311 | Massive Star Formation in the Ultraviolet Observed with the Hubble Space Telescope. Galaxies, 2020, 8, 13. | 1.1 | 9 |
| 312 | Predicting the global far-infrared SED of galaxies via machine learning techniques. Astronomy and Astrophysics, 2020, 634, A57. | 2.1 | 10 |
| 313 | The Strength of the 2175 Ã... Feature in the Attenuation Curves of Galaxies at 0.1 < ÂzÂâ‰²Â3. Astrophysical Journal, 2020, 888, 108. | 1.6 | 24 |
| 314 | Challenges in 2D Stellar Modeling. Frontiers in Astronomy and Space Sciences, 2020, 6, . | 1.1 | 5 |
| 315 | Stellar Mass and Stellar Mass-to-light Ratioâ€“Color Relations for Low Surface Brightness Galaxies. Astronomical Journal, 2020, 159, 138. | 1.9 | 21 |
| 316 | The KLEVER Survey: spatially resolved metallicity maps and gradients in a sample of 1.2 < z < 2.5 lensed galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 492, 821-842. | 1.6 | 44 |
| 317 | Detecting episodes of star formation using Bayesian model selection. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3993-4008. | 1.6 | 3 |
| 318 | Reproducing submillimetre galaxy number counts with cosmological hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2021, 502, 772-793. | 1.6 | 42 |
| 319 | Constraining stellar population parameters from narrow band photometric surveys using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1355-1365. | 1.6 | 5 |
| 320 | A machine learning approach to galaxy properties: joint redshiftâ€“stellar mass probability distributions with Random Forest. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2770-2786. | 1.6 | 19 |
| 321 | Exploring the AGN-merger connection in Arp 245 I: Nuclear star formation and gas outflow in NGCÂ2992. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3618-3637. | 1.6 | 8 |
| 322 | Shadows in the Dark: Low-surface-brightness Galaxies Discovered in the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2021, 252, 18. | 3.0 | 56 |
| 323 | The IRXâ€“Î² relation of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3210-3241. | 1.6 | 20 |
| 324 | On the Thermally Pulsing Asymptotic Giant Branch Contribution to the Light of Nearby Disk Galaxies. Astrophysical Journal, 2021, 908, 110. | 1.6 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 325 | Multiwavelength dissection of a massive heavily dust-obscured galaxy and its blue companion at zâ¼2. Astronomy and Astrophysics, 2021, 646, A127. | 2.1 | 5 |
| 326 | Measuring Distances to Low-luminosity Galaxies Using Surface Brightness Fluctuations. Astrophysical Journal, 2021, 908, 24. | 1.6 | 26 |
| 328 | Synergies between low- and intermediate-redshift galaxy populations revealed with unsupervised machine learning. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3010-3031. | 1.6 | 12 |
| 329 | J-PAS: Measuring emission lines with artificial neural networks. Astronomy and Astrophysics, 2021, 647, A158. | 2.1 | 15 |
| 330 | The APOGEE Library of Infrared SSP Templates (A-LIST): High-resolution Simple Stellar Population Spectral Models in the H Band. Astronomical Journal, 2021, 161, 167. | 1.9 | 7 |
| 331 | HAYDN. Experimental Astronomy, 2021, 51, 963-1001. | 1.6 | 22 |
| 332 | sMILES: a library of semi-empirical MILES stellar spectra with variable [Î±/Fe] abundances. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2286-2311. | 1.6 | 12 |
| 333 | Introducing piXedfit: A Spectral Energy Distribution Fitting Code Designed for Resolved Sources. Astrophysical Journal, Supplement Series, 2021, 254, 15. | 3.0 | 21 |
| 334 | Compact Starburst Galaxies with Fast Outflows: Central Escape Velocities and Stellar Mass Surface Densities from Multiband Hubble Space Telescope Imaging. Astrophysical Journal, 2021, 912, 11. | 1.6 | 14 |
| 335 | Resolved galactic superwinds reconstructed around their host galaxies at z > 3. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2629-2657. | 1.6 | 7 |
| 336 | The Diverse Morphology, Stellar Population, and Black Hole Scaling Relations of the Host Galaxies of Nearby Quasars. Astrophysical Journal, 2021, 911, 94. | 1.6 | 21 |
| 338 | On the relationship between Type Ia supernova luminosity and host-galaxy properties. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 504, L34-L39. | 1.2 | 4 |
| 339 | Revisiting Attenuation Curves: The Case of NGC 3351*. Astrophysical Journal, 2021, 913, 37. | 1.6 | 12 |
| 340 | Star Formation Histories from Spectral Energy Distributions and Colorâ€“magnitude Diagrams Agree: Evidence for Synchronized Star Formation in Local Volume Dwarf Galaxies over the Past 3 Gyr. Astrophysical Journal, 2021, 913, 45. | 1.6 | 9 |
| 341 | Stellar Population Inference with Prospector. Astrophysical Journal, Supplement Series, 2021, 254, 22. | 3.0 | 259 |
| 342 | The Intrinsic Scatter of Galaxy Scaling Relations. Astrophysical Journal, 2021, 912, 41. | 1.6 | 19 |
| 343 | Deep Extragalactic VIsible Legacy Survey (DEVILS): SED fitting in the D10-COSMOS field and the evolution of the stellar mass function and SFRâ€“Mâ‹† relation. Monthly Notices of the Royal Astronomical Society, 2021, 505, 540-567. | 1.6 | 60 |
| 344 | Measuring Stellar Masses of Emission-line Galaxies at 1.2 < z < 1.9. Astrophysical Journal, 2021, 912, 145. | 1.6 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 345 | The RR Lyrae Delay-time Distribution: A Novel Perspective on Models of Old Stellar Populations. Astrophysical Journal, 2021, 912, 140. | 1.6 | 3 |
| 346 | Surrogate modelling the Baryonic Universe II: On forward modelling the colours of individual and populations of galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2373-2389. | 1.6 | 14 |
| 347 | Evolution Through the Post-starburst Phase: Using Post-starburst Galaxies as Laboratories for Understanding the Processes that Drive Galaxy Evolution. Publications of the Astronomical Society of the Pacific, 2021, 133, 072001. | 1.0 | 36 |
| 348 | HETDEX [O iii] Emitters. I. A Spectroscopically Selected Low-redshift Population of Low-mass, Low-metallicity Galaxies. Astrophysical Journal, 2021, 916, 11. | 1.6 | 6 |
| 349 | Introducing a Real-time Interactive GUI Tool for Visualization of Galaxy Spectra. Research Notes of the AAS, 2021, 5, 171. | 0.3 | 1 |
| 350 | mirkwood: Fast and Accurate SED Modeling Using Machine Learning. Astrophysical Journal, 2021, 916, 43. | 1.6 | 16 |
| 351 | Unveiling the atomic hydrogenâ€“halo mass relation via spectral stacking. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4893-4913. | 1.6 | 14 |
| 352 | Self-consistent population spectral synthesis with FADO. Astronomy and Astrophysics, 2021, 651, A99. | 2.1 | 7 |
| 353 | Variation of the nebular dust attenuation curve with the properties of local star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3588-3595. | 1.6 | 7 |
| 354 | Testing the tidal stripping scenario of ultracompact dwarf galaxy formation by using internal properties. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2459-2470. | 1.6 | 3 |
| 355 | The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. Astrophysical Journal, Supplement Series, 2021, 255, 29. | 3.0 | 56 |
| 356 | Fornax 3D project: Assessing the diversity of IMF and stellar population maps within the Fornax Cluster. Astronomy and Astrophysics, 2021, 654, A59. | 2.1 | 12 |
| 357 | LLAMA: Stellar populations in the nuclei of ultra-hard X-ray-selected AGN and matched inactive galaxies. Astronomy and Astrophysics, 2021, 654, A132. | 2.1 | 6 |
| 358 | SDSS-IV MaNGA: Stellar M/L gradients and the M/L-colour relation in galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2488-2499. | 1.6 | 16 |
| 359 | Estimating Dust Attenuation From Galactic Spectra. II. Stellar and Gas Attenuation in Star-forming and Diffuse Ionized Gas Regions in MaNGA. Astrophysical Journal, 2021, 917, 72. | 1.6 | 9 |
| 360 | Neutrinos from the cosmic noon: a probe of the cosmic star formation history. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 019. | 1.9 | 6 |
| 361 | Relation of internal attenuation, dust emission, and the size of spiral galaxies. Astronomy and Astrophysics, 2021, 652, A83. | 2.1 | 0 |
| 362 | Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A. Astrophysical Journal Letters, 2021, 919, L23. | 3.0 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 363 | Constraining the Milky Wayâ€™s ultraviolet-to-infrared SED with Gaussian process regression. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4459-4483. | 1.6 | 6 |
| 364 | New-generation dust emission templates for star-forming galaxies. Astronomy and Astrophysics, 2021, 653, A149. | 2.1 | 7 |
| 365 | Geometry effects on dust attenuation curves with different grain sources at high redshift. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2755-2765. | 1.6 | 10 |
| 366 | Preparing for LSST data. Astronomy and Astrophysics, 2021, 653, A107. | 2.1 | 7 |
| 367 | The Broadband Counterpart of the Short GRB 200522A at zÂ=Â0.5536: A Luminous Kilonova or a Collimated Outflow with a Reverse Shock?. Astrophysical Journal, 2021, 906, 127. | 1.6 | 48 |
| 368 | powderday: Dust Radiative Transfer for Galaxy Simulations. Astrophysical Journal, Supplement Series, 2021, 252, 12. | 3.0 | 35 |
| 369 | Preliminary clustering properties of the DESI BGS bright targets using DR9 Legacy Imaging Surveys. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1478-1493. | 1.6 | 8 |
| 370 | Sengi: A small, fast, interactive viewer for spectral outputs from stellar population synthesis models. Astronomy and Computing, 2021, 34, 100444. | 0.8 | 1 |
| 371 | Mock light-cones and theory friendly catalogues for the CANDELS survey. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4858-4876. | 1.6 | 35 |
| 372 | Globular Cluster Systems and Galaxy Formation. , 2020, , 245-277. | | 20 |
| 373 | The bolometric and UV attenuation in normal spiral galaxies of theHerschelReference Survey. Astronomy and Astrophysics, 2016, 586, A13. | 2.1 | 47 |
| 374 | Unresolved versus resolved: testing the validity of young simple stellar population models with VLT/MUSE observations of NGC 3603. Astronomy and Astrophysics, 2016, 593, A78. | 2.1 | 19 |
| 375 | The MUSEHubbleUltra Deep Field Survey. Astronomy and Astrophysics, 2017, 608, A3. | 2.1 | 29 |
| 376 | Dust attenuation and HÎ± emission in a sample of galaxies observed with Herschel at 0.6 < z < 1.6. Astronomy and Astrophysics, 2018, 619, A135. | 2.1 | 45 |
| 377 | DEATHSTAR: Nearby AGB stars with the Atacama Compact Array. Astronomy and Astrophysics, 2020, 640, A133. | 2.1 | 27 |
| 378 | High-resolution, 3D radiative transfer modelling. Astronomy and Astrophysics, 2020, 643, A90. | 2.1 | 13 |
| 379 | Photometrically estimating the spatially-resolved stellar mass-to-light ratios for low-redshift galaxies. Research in Astronomy and Astrophysics, 2019, 19, 171. | 0.7 | 2 |
| 380 | The stellar metallicity distribution function of galaxies in the CALIFA survey. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4838-4853. | 1.6 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 381 | The effects of star formation history in the SFRâ€“M* relation of Hâ€‰ii galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3240-3253. | 1.6 | 2 |
| 382 | Young stellar population gradients in central cluster galaxies from NUV and optical spectroscopy. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3368-3381. | 1.6 | 12 |
| 383 | Compact, bulge-dominated structures of spectroscopically confirmed quiescent galaxies at z â‰ˆ 3. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2659-2676. | 1.6 | 20 |
| 384 | The delay time distribution of supernovae from integral-field spectroscopy of nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3122-3136. | 1.6 | 10 |
| 385 | EXPLORING SYSTEMATIC EFFECTS IN THE RELATION BETWEEN STELLAR MASS, GAS PHASE METALLICITY, AND STAR FORMATION RATE. Astrophysical Journal, 2016, 827, 35. | 1.6 | 46 |
| 386 | The Coevolution of Massive Quiescent Galaxies and Their Dark Matter Halos over the Last 6 Billion Years. Astrophysical Journal, 2019, 878, 158. | 1.6 | 10 |
| 387 | The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Evolution of the Molecular Gas in CO-selected Galaxies. Astrophysical Journal, 2019, 882, 136. | 1.6 | 59 |
| 388 | The ALMA Spectroscopic Survey in the HUDF: Nature and Physical Properties of Gas-mass Selected Galaxies Using MUSE Spectroscopy. Astrophysical Journal, 2019, 882, 140. | 1.6 | 42 |
| 389 | A Trio of Massive Black Holes Caught in the Act of Merging*. Astrophysical Journal, 2019, 887, 90. | 1.6 | 17 |
| 390 | Spatially Resolved Properties of Galaxies from CANDELS+MUSE: Radial Extinction Profile and Insights on Quenching. Astrophysical Journal, 2019, 887, 204. | 1.6 | 10 |
| 391 | Reconstructing the Observed Ionizing Photon Production Efficiency at z âˆ¼ 2 Using Stellar Population Models. Astrophysical Journal, 2020, 889, 180. | 1.6 | 14 |
| 392 | Mass-to-light Ratios of Spatially Resolved Stellar Populations in M31. Astrophysical Journal, 2020, 891, 32. | 1.6 | 9 |
| 393 | A Method to Distinguish Quiescent and Dusty Star-forming Galaxies with Machine Learning. Astrophysical Journal, 2020, 891, 136. | 1.6 | 17 |
| 394 | A New Census of the 0.2Â<ÂzÂ<Â3.0 Universe. I. The Stellar Mass Function. Astrophysical Journal, 2020, 893, 111. | 1.6 | 71 |
| 395 | Dust Attenuation Curve for Local Subgalactic Star-forming Regions. Astrophysical Journal, 2020, 893, 94. | 1.6 | 3 |
| 396 | Star Formation in Massive Galaxies at Redshift z âˆ¼ 0.5. Astrophysical Journal, 2020, 895, 100. | 1.6 | 8 |
| 397 | Estimating Dust Attenuation from Galactic Spectra. I. Methodology and Tests. Astrophysical Journal, 2020, 896, 38. | 1.6 | 14 |
| 398 | MCSED: A Flexible Spectral Energy Distribution Fitting Code and Its Application to zÂâˆ¼Â2 Emission-line Galaxies. Astrophysical Journal, 2020, 899, 7. | 1.6 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 399 | How Well Can We Measure the Stellar Mass of a Galaxy: The Impact of the Assumed Star Formation History Model in SED Fitting. Astrophysical Journal, 2020, 904, 33. | 1.6 | 95 |
| 400 | The Distant, Galaxy Cluster Environment of the Short GRB 161104A at z âˆ¼ 0.8 and a Comparison to the Short GRB Host Population. Astrophysical Journal, 2020, 904, 52. | 1.6 | 17 |
| 401 | Discovery of the Optical Afterglow and Host Galaxy of Short GRB 181123B at zÂ=Â1.754: Implications for Delay Time Distributions. Astrophysical Journal Letters, 2020, 898, L32. | 3.0 | 24 |
| 402 | Predicting far-infrared maps of galaxies via machine learning techniques. Astronomy and Astrophysics, 2021, 655, A34. | 2.1 | 0 |
| 403 | The Low-Mass End of the Initial Mass Function in Massive Early-Type-Galaxies. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 219-223. | 0.3 | 0 |
| 404 | Brackett-Î³Âas a Gold-standard Test of Star Formation Rates Derived from SED Fitting. Astrophysical Journal, 2020, 898, 165. | 1.6 | 4 |
| 405 | Analysis of the Spatially Resolved Vâˆ’3.6 Î¼m Colors and Dust Extinction in 257 Nearby NGC and IC Galaxies. Astrophysical Journal, 2019, 884, 21. | 1.6 | 1 |
| 406 | The merger-driven evolution of massive early-type galaxies. Proceedings of the International Astronomical Union, 2019, 15, 62-66. | 0.0 | 0 |
| 407 | CANDELS Meets GSWLC: Evolution of the Relationship between Morphology and Star Formation Since zÂ=Â2. Astrophysical Journal, 2020, 902, 77. | 1.6 | 11 |
| 408 | UV upturn versus UV weak galaxies: differences and similarities of their stellar populations unveiled by a de-biased sample. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1870-1883. | 1.6 | 4 |
| 409 | Far-ultraviolet Spectra of Main-sequence O Stars at Extremely Low Metallicity. Astrophysical Journal, 2021, 922, 191. | 1.6 | 9 |
| 410 | Reproducing the UVJ Color Distribution of Star-forming Galaxies at 0.5 < z < 2.5 with a Geometric Model of Dust Attenuation. Astrophysical Journal Letters, 2021, 922, L32. | 3.0 | 16 |
| 411 | Probing cool giants in unresolved galaxies using fluctuation eigenspectra: A demonstration using high-resolution MUSE observations of NGCÂ5128. Monthly Notices of the Royal Astronomical Society, 0, , . | 1.6 | 0 |
| 412 | Simultaneous Constraints on the Star Formation History and Nucleosynthesis of Sculptor dSph. Astrophysical Journal, 2022, 925, 66. | 1.6 | 16 |
| 413 | Forensic reconstruction of galaxy colour evolution and population characterization. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5405-5427. | 1.6 | 4 |
| 414 | The X-shooter Spectral Library (XSL): Data Release 3. Astronomy and Astrophysics, 2022, 660, A34. | 2.1 | 17 |
| 415 | Spatially Resolved Stellar Spectroscopy of the Ultra-diffuse Galaxy Dragonfly 44. III. Evidence for an Unexpected Star Formation History under Conventional Galaxy Evolution Processes. Astrophysical Journal, 2022, 924, 32. | 1.6 | 11 |
| 416 | On the Variation in Stellar Î±-enhancements of Star-forming Galaxies in the EAGLE Simulation. Astrophysical Journal, 2022, 924, 73. | 1.6 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 417 | SDSS-IV MaStar: Data-driven Parameter Derivation for the MaStar Stellar Library. Astronomical Journal, 2022, 163, 56. | 1.9 | 8 |
| 418 | The Dependence of the Type Ia Supernova Host Bias on Observation or Fitting Technique. Astrophysical Journal, 2022, 925, 115. | 1.6 | 3 |
| 419 | Mapping the Diversity of Galaxy Spectra with Deep Unsupervised Machine Learning. Astronomical Journal, 2022, 163, 71. | 1.9 | 7 |
| 420 | How the spectral energy distribution and galaxy morphology constrain each other, with application to morphological selection using galaxy colours. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3849-3857. | 1.6 | 2 |
| 421 | Massive high-redshift quiescent galaxies with JWST. Publications of the Astronomical Society of Australia, 2022, 39, . | 1.3 | 5 |
| 422 | What drives galaxy quenching? A deep connection between galaxy kinematics and quenching in the local Universe. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1913-1941. | 1.6 | 17 |
| 423 | Hubble Space Telescope Observations of GW170817: Complete Light Curves and the Properties of the Galaxy Merger of NGC 4993. Astrophysical Journal, 2022, 926, 49. | 1.6 | 16 |
| 424 | On the Impact of Inclination-dependent Attenuation on Derived Star Formation Histories: Results from Disk Galaxies in the Great Observatories Origins Deep Survey Fields. Astrophysical Journal, 2021, 923, 26. | 1.6 | 10 |
| 425 | IQ Collaboratory. III. The Empirical Dust Attenuation Frameworkâ€"Taking Hydrodynamical Simulations with a Grain of Dust. Astrophysical Journal, 2022, 926, 122. | 1.6 | 10 |
| 426 | Fast, Slow, Early, Late: Quenching Massive Galaxies at z âˆ¼ 0.8. Astrophysical Journal, 2022, 926, 134. | 1.6 | 70 |
| 427 | Dissecting Nearby Galaxies with piXedfit. I. Spatially Resolved Properties of Stars, Dust, and Gas as Revealed by Panchromatic SED Fitting. Astrophysical Journal, 2022, 926, 81. | 1.6 | 15 |
| 428 | Modelling simple stellar populations in the near-ultraviolet to near-infrared with the X-shooter Spectral Library (XSL). Astronomy and Astrophysics, 2022, 661, A50. | 2.1 | 13 |
| 429 | Toward a Better Understanding of Cosmic Chronometers: Stellar Population Properties of Passive Galaxies at Intermediate Redshift. Astrophysical Journal, 2022, 927, 164. | 1.6 | 16 |
| 430 | Toward a Better Understanding of Cosmic Chronometers: A New Measurement of H(z) at z âˆ¼ 0.7. Astrophysical Journal Letters, 2022, 928, L4. | 3.0 | 57 |
| 431 | SDSS IV MaNGA: visual morphological and statistical characterization of the DR15 sample. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2222-2244. | 1.6 | 12 |
| 432 | On the Stellar Populations of Galaxies at z = 9â€"11: The Growth of Metals and Stellar Mass at Early Times. Astrophysical Journal, 2022, 927, 170. | 1.6 | 73 |
| 433 | Gemini NIFS survey of feeding and feedback processes in nearby active galaxies â€" VI. Stellar populations. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3906-3921. | 1.6 | 12 |
| 434 | HÎ±emission in local galaxies: star formation, time variability, and the diffuse ionized gas. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2904-2929. | 1.6 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 435 | Ultraviolet to far infrared self-consistent analysis of the stellar populations of massive starburst galaxies at intermediate redshifts. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1175-1197. | 1.6 | 1 |
| 436 | Physical Properties of the Host Galaxies of Ca-rich Transients. Astrophysical Journal, 2022, 927, 199. | 1.6 | 7 |
| 437 | Polynomial expansion of the star formation history in galaxies. Astronomy and Astrophysics, 2022, 662, A1. | 2.1 | 3 |
| 438 | Stellar Population and Elemental Abundance Gradients of Early-type Galaxies*. Astrophysical Journal, 2021, 923, 65. | 1.6 | 6 |
| 439 | Modelling emission lines in star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1880-1893. | 1.6 | 4 |
| 440 | The differences between mass- and light-derived structural parameters over time for MaNGA elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5676-5694. | 1.6 | 6 |
| 441 | Stellar Populations of Galaxies in the LAMOST Spectral Survey. Astrophysical Journal, Supplement Series, 2022, 258, 9. | 3.0 | 3 |
| 442 | Spatially Resolving the Star Formation Histories of Three Nearby Nuclear Star Clusters. Astronomical Journal, 2021, 162, 281. | 1.9 | 7 |
| 443 | Star-dust geometry main determinant of dust attenuation in galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 0, , . | 1.2 | 1 |
| 444 | The Stellar Metallicities of Massive Quiescent Galaxies at 1.0 < z < 1.3 from KMOS + VANDELS. Astrophysical Journal, 2022, 929, 131. | 1.6 | 16 |
| 445 | The average dust attenuation curve at z âˆ¼ 1.3 based on HST grism surveys. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4431-4450. | 1.6 | 4 |
| 446 | A New Infrared Criterion for Selecting Active Galactic Nuclei to Lower Luminosities. Astronomical Journal, 2022, 163, 224. | 1.9 | 12 |
| 447 | The dark matter halo masses of elliptical galaxies as a function of observationally robust quantities. Astronomy and Astrophysics, 2022, 662, A55. | 2.1 | 2 |
| 448 | Systematics in the Spectral Energy Distribution Fitting Parameter Estimation of Composite Galaxies. Astrophysical Journal, 2022, 929, 91. | 1.6 | 0 |
| 449 | Stellar populations of a sample of far-infrared AGN and non-AGN green valley galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4494-4506. | 1.6 | 1 |
| 450 | 3D intrinsic shapes of quiescent galaxies in observations and simulations. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4814-4832. | 1.6 | 6 |
| 451 | No Redshift Evolution of Galaxiesâ€™ Dust Temperatures Seen from 0 < z < 2. Astrophysical Journal, 2022, 930, 142. | 1.6 | 20 |
| 452 | Post-starburst Galaxies in the Centers of Intermediate-redshift Clusters. Astrophysical Journal, 2022, 930, 43. | 1.6 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 453 | A new galaxy spectral energy distribution model consistent with the evolution of dust. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2098-2115. | 1.6 | 3 |
| 455 | How Well Can We Measure Galaxy Dust Attenuation Curves? The Impact of the Assumed Star-dust Geometry Model in Spectral Energy Distribution Fitting. Astrophysical Journal, 2022, 931, 14. | 1.6 | 15 |
| 456 | Linking Characteristics of the Polycyclic Aromatic Hydrocarbon Population with Galaxy Properties: A Quantitative Approach Using the NASA Ames PAH IR Spectroscopic Database. Astrophysical Journal, 2022, 931, 38. | 1.6 | 8 |
| 457 | BUDDI-MaNGA II: the star-formation histories of bulges and discs of S0s. Monthly Notices of the Royal Astronomical Society, 2022, 514, 6141-6156. | 1.6 | 8 |
| 458 | Photometric Redshifts for Next-Generation Surveys. Annual Review of Astronomy and Astrophysics, 2022, 60, 363-414. | 8.1 | 27 |
| 460 | On the simultaneous modelling of dust and stellar populations for interpretation of galaxy properties. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5706-5724. | 1.6 | 6 |
| 461 | Dust Extinction Law in Nearby Star-resolved Galaxies. II. M33 Traced by Supergiants. Astrophysical Journal, Supplement Series, 2022, 260, 41. | 3.0 | 5 |
| 462 | The XXL survey. XLIX. Linking the members star formation histories to the cluster mass assembly in the z = 1.98 galaxy cluster XLSSC 122. Monthly Notices of the Royal Astronomical Society, 2022, 515, 2529-2547. | 1.6 | 2 |
| 463 | The spectroscopy and H-band imaging of Virgo cluster galaxies (SHIVir) survey: data catalogue and kinematic profiles. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2356-2375. | 1.6 | 1 |
| 464 | A Bayesian Population Model for the Observed Dust Attenuation in Galaxies. Astrophysical Journal, 2022, 932, 54. | 1.6 | 13 |
| 465 | New Insights into the Evolution of Massive Stars and Their Effects on Our Understanding of Early Galaxies. Annual Review of Astronomy and Astrophysics, 2022, 60, 455-494. | 8.1 | 21 |
| 466 | Machine learning synthetic spectra for probabilistic redshift estimation: SYTH-Z. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1927-1941. | 1.6 | 4 |
| 467 | From Galactic Bars to the Hubble Tension: Weighing Up the Astrophysical Evidence for Milgromian Gravity. Symmetry, 2022, 14, 1331. | 1.1 | 50 |
| 468 | SDSS-IV MaNGA: How the Stellar Populations of Passive Central Galaxies Depend on Stellar and Halo Mass. Astrophysical Journal, 2022, 933, 88. | 1.6 | 5 |
| 469 | A stochastic model to reproduce the star formation history of individual galaxies in hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3249-3269. | 1.6 | 3 |
| 470 | Chemical Evolution History of MaNGA Galaxies. Astrophysical Journal, 2022, 933, 44. | 1.6 | 10 |
| 471 | The Panchromatic Hubble Andromeda Treasury: Triangulum Extended Region (PHATTER). II. The Spatially Resolved Recent Star Formation History of M33. Astrophysical Journal, 2022, 934, 76. | 1.6 | 11 |
| 472 | CoSHA: Code for Stellar Properties Heuristic Assignmentâ€"for the MaStar Stellar Library. Astrophysical Journal, Supplement Series, 2022, 261, 20. | 3.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 473 | Virial masses of late-type galaxies from the SDSS DR16. Monthly Notices of the Royal Astronomical Society, 2022, 515, 2351-2372. | 1.6 | 1 |
| 474 | COSMOS2020: Manifold learning to estimate physical parameters in large galaxy surveys. Astronomy and Astrophysics, 2022, 665, A34. | 2.1 | 5 |
| 475 | On the accretion of a new group of galaxies on to Virgo â€“ II. The effect of pre-processing on the stellar population content of dEs. Monthly Notices of the Royal Astronomical Society, 2022, 515, 4622-4638. | 1.6 | 6 |
| 476 | A spectroscopic study of 14 structures behind Holm15A: detecting a galaxy group candidate at zÂ=Â0.58. Monthly Notices of the Royal Astronomical Society, 2022, 515, 6032-6045. | 1.6 | 1 |
| 477 | Still at odds with conventional galaxy evolution: the star formation history of ultradiffuse galaxy Dragonfly 44. Monthly Notices of the Royal Astronomical Society, 2022, 516, 3318-3341. | 1.6 | 11 |
| 478 | Recovering the Star Formation Histories of Recently Quenched Galaxies: The Impact of Model and Prior Choices. Astrophysical Journal, 2022, 935, 146. | 1.6 | 22 |
| 479 | Spectral Energy Distributions in Three Deep-drilling Fields of the Vera C. Rubin Observatory Legacy Survey of Space and Time: Source Classification and Galaxy Properties. Astrophysical Journal, Supplement Series, 2022, 262, 15. | 3.0 | 12 |
| 480 | The SAMI galaxy survey: Galaxy size can explain the offset between star-forming and passive galaxies in the massâ€“metallicity relationship. Monthly Notices of the Royal Astronomical Society, 2022, 516, 2971-2987. | 1.6 | 6 |
| 481 | The Star-forming Main Sequence of the Host Galaxies of Low-redshift Quasars. Astrophysical Journal, 2022, 934, 130. | 1.6 | 12 |
| 482 | Reconstructing the Assembly of Massive Galaxies. I. The Importance of the Progenitor Effect in the Observed Properties of Quiescent Galaxies at $z$ â‰ˆ 2. Astrophysical Journal, 2022, 935, 120. | 1.6 | 15 |
| 483 | Stellar Populations of LyÎ±-emitting Galaxies in the HETDEX Survey. I. An Analysis of LAEs in the GOODS-N Field. Astrophysical Journal, 2022, 936, 131. | 1.6 | 5 |
| 484 | PROBES. I. A Compendium of Deep Rotation Curves and Matched Multiband Photometry. Astrophysical Journal, Supplement Series, 2022, 262, 33. | 3.0 | 2 |
| 485 | DEVILS: cosmic evolution of SED-derived metallicities and their connection to star formation histories. Monthly Notices of the Royal Astronomical Society, 2022, 517, 6035-6059. | 1.6 | 11 |
| 486 | Empirical Dust Attenuation Model Leads to More Realistic UVJ Diagram for TNG100 Galaxies. Astrophysical Journal, 2022, 939, 29. | 1.6 | 1 |
| 487 | From Clusters to Proto-Clusters: The Infrared Perspective on Environmental Galaxy Evolution. Universe, 2022, 8, 554. | 0.9 | 11 |
| 488 | Accelerated Bayesian SED Modeling Using Amortized Neural Posterior Estimation. Astrophysical Journal, 2022, 938, 11. | 1.6 | 14 |
| 489 | The contribution of in situ and ex situ star formation in early-type galaxies: MaNGA versus IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2023, 520, 5651-5670. | 1.6 | 9 |
| 490 | Low-frequency Radio Continuum Imaging and SED Modeling of 11 LIRGs: Radio-only and FUV to Radio Bands. Astrophysical Journal, 2022, 938, 152. | 1.6 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 491 | The recent star formation history of NGCÂ628 on resolved scales. Monthly Notices of the Royal Astronomical Society, 2022, 517, 3763-3777. | 1.6 | 1 |
| 492 | A first look at the SMACS0723 JWST ERO: spectroscopic redshifts, stellar masses, and star-formation histories. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 518, L45-L50. | 1.2 | 59 |
| 493 | The impact of environment on the lives of disc galaxies as revealed by SDSS-IV MaNGA. Monthly Notices of the Royal Astronomical Society, 2022, 517, 3723-3731. | 1.6 | 1 |
| 494 | A common origin for the fundamental plane of quiescent and star-forming galaxies in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5376-5402. | 1.6 | 4 |
| 495 | High-resolution Hubble Space Telescope Imaging Survey of Local Star-forming Galaxies. I. Spatially Resolved Obscured Star Formation with HÎ± and Paschen-Î² Recombination Lines. Astrophysical Journal, Supplement Series, 2022, 263, 17. | 3.0 | 5 |
| 496 | The MUSE Hubble Ultra Deep Field surveys: Data release II. Astronomy and Astrophysics, 2023, 670, A4. | 2.1 | 22 |
| 497 | Diffstar: a fully parametric physical model for galaxy assembly history. Monthly Notices of the Royal Astronomical Society, 2022, 518, 562-584. | 1.6 | 8 |
| 498 | A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). Astronomy and Astrophysics, 2023, 669, A73. | 2.1 | 7 |
| 499 | Short GRB Host Galaxies. II. A Legacy Sample of Redshifts, Stellar Population Properties, and Implications for Their Neutron Star Merger Origins. Astrophysical Journal, 2022, 940, 57. | 1.6 | 28 |
| 500 | Flexible Models for Galaxy Star Formation Histories Both Shift and Scramble the Optical Colorâ€“Mass-to-light Ratio (M/L) Relationship. Astrophysical Journal, 2022, 940, 88. | 1.6 | 6 |
| 501 | The Gaia-ESO Survey: Old super-metal-rich visitors from the inner Galaxy. Astronomy and Astrophysics, 2023, 669, A96. | 2.1 | 2 |
| 502 | Massive quiescent galaxies at z âˆ¼ 3: A comparison of selection, stellar population, and structural properties with simulation predictions. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5953-5975. | 1.6 | 11 |
| 503 | Witnessing the star formation quenching in L* ellipticals. Monthly Notices of the Royal Astronomical Society, 2022, 518, 4943-4960. | 1.6 | 7 |
| 504 | ArtPop: A Stellar Population and Image Simulation Python Package. Astrophysical Journal, 2022, 941, 26. | 1.6 | 2 |
| 505 | On the ages of bright galaxies âˆ¼500â€‰Myr after the big bang: insights into star formation activity at z â‰³ 15 with JWST. Monthly Notices of the Royal Astronomical Society, 2022, 519, 157-171. | 1.6 | 40 |
| 506 | Star formation histories of UV-luminous galaxies at z â‰ƒ 6.8: implications for stellar mass assembly at early cosmic times. Monthly Notices of the Royal Astronomical Society, 2023, 519, 5859-5881. | 1.6 | 34 |
| 507 | Stellar initial mass function varies with metallicity and time. Nature, 2023, 613, 460-462. | 13.7 | 10 |
| 508 | Forward Modeling of Galaxy Populations for Cosmological Redshift Distribution Inference. Astrophysical Journal, Supplement Series, 2023, 264, 29. | 3.0 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 509 | Extracting stellar emissivity via a machine learning analysis of MSX and LAMOST catalog data. Physical Review D, 2022, 106, . | 1.6 | 6 |
| 510 | The HÎ± and [O iii] Î»5007 Luminosity Functions of 1.2 < z < 1.9 Emission-line Galaxies from Hubble Space Telescope (HST) Grism Spectroscopy. Astrophysical Journal, 2023, 943, 5. | 1.6 | 1 |
| 511 | Relating galaxies across different redshift to study galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2023, 520, 1774-1788. | 1.6 | 4 |
| 512 | The Ionizing Spectra of Extremely Metal-poor O Stars: Constraints from the Only H ii Region in Leo P. Astrophysical Journal, 2023, 943, 65. | 1.6 | 4 |
| 513 | Reconstructing the Assembly of Massive Galaxies. II. Galaxies Develop Massive and Dense Stellar Cores as They Evolve and Head toward Quiescence at Cosmic Noon. Astrophysical Journal, 2023, 943, 54. | 1.6 | 3 |
| 514 | Empirical constraints on the nucleosynthesis of nitrogen. Monthly Notices of the Royal Astronomical Society, 2023, 520, 782-803. | 1.6 | 5 |
| 515 | POSYDON: A General-purpose Population Synthesis Code with Detailed Binary-evolution Simulations. Astrophysical Journal, Supplement Series, 2023, 264, 45. | 3.0 | 34 |
| 516 | WEAVE-StePS: A stellar population survey using WEAVE at WHT. Astronomy and Astrophysics, 2023, 672, A87. | 2.1 | 3 |
| 517 | COSMOS2020: Identification of High-z Protocluster Candidates in COSMOS. Astrophysical Journal, 2023, 943, 153. | 1.6 | 7 |
| 518 | Beyond UVJ: Color Selection of Galaxies in the JWST Era. Astrophysical Journal, 2023, 943, 166. | 1.6 | 10 |
| 519 | The entropy of galaxy spectra: how much information is encoded?. , 2023, 2, 78-90. | | 5 |
| 520 | DSPS: Differentiable stellar population synthesis. Monthly Notices of the Royal Astronomical Society, 2023, 521, 1741-1756. | 1.6 | 4 |
| 521 | Constraints on galactic outflows from the metallicityâ€“stellar massâ€“SFR relation of EAGLE simulation andSDSSgalaxies. Monthly Notices of the Royal Astronomical Society, 2023, 521, 411-432. | 1.6 | 2 |
| 522 | The Bimodal Absorption System Imaging Campaign (BASIC). I. A Dual Population of Low-metallicity Absorbers at z < 1. Astrophysical Journal, 2023, 944, 101. | 1.6 | 10 |
| 523 | The Art of Measuring Physical Parameters in Galaxies: A Critical Assessment of Spectral Energy Distribution Fitting Techniques. Astrophysical Journal, 2023, 944, 141. | 1.6 | 36 |
| 524 | The DESI PRObabilistic Value-added Bright Galaxy Survey (PROVABGS) Mock Challenge. Astrophysical Journal, 2023, 945, 16. | 1.6 | 8 |
| 525 | Neural Stellar Population Synthesis Emulator for the DESI PROVABGS. Astrophysical Journal, Supplement Series, 2023, 265, 23. | 3.0 | 2 |
| 526 | Chemical characterisation of the X-shooter Spectral Library (XSL): [Mg/Fe] and [Ca/Fe] abundances. Astronomy and Astrophysics, 2023, 672, A166. | 2.1 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 527 | The Differential Assembly History of the Centers and Outskirts of Main-sequence Galaxies at z âˆ¼ 2.3. Astrophysical Journal, 2023, 945, 97. | 1.6 | 4 |
| 528 | Age-divided mean stellar populations from full spectrum fitting as the simplified star formation and chemical evolution history of a galaxy: methodology and reliability. Monthly Notices of the Royal Astronomical Society, 2023, 521, 4207-4232. | 1.6 | 1 |
| 529 | On the impact of spectral template uncertainties in synthetic stellar populations. Monthly Notices of the Royal Astronomical Society, 2023, 521, 4995-5012. | 1.6 | 1 |
| 530 | Resolved stellar population properties of PHANGS-MUSE galaxies. Astronomy and Astrophysics, 2023, 673, A147. | 2.1 | 6 |
| 531 | New Observational H(z) Data from Full-spectrum Fitting of Cosmic Chronometers in the LEGA-C Survey. Astrophysical Journal, Supplement Series, 2023, 265, 48. | 3.0 | 13 |
| 532 | All Spectral Type LAMOST Spectra Library (ATLAS). Astrophysical Journal, Supplement Series, 2023, 265, 61. | 3.0 | 1 |
| 533 | SDSS-IV MaNGA: The Effect of Stellar Mass and Halo Mass on the Assembly Histories of Satellite Galaxies. Astrophysical Journal, 2023, 947, 13. | 1.6 | 1 |
| 538 | Chemo-dynamical Evolution of Galaxies. , 2023, , 1-49. | | 1 |
| 549 | Hybrid Enrichment of Theory and Observation in Next-Generation Stellar Population Synthesis. Synthese Library, 2023, , 81-90. | 0.1 | 0 |
| 577 | Chemo-dynamical Evolution of Galaxies. , 2023, , 3211-3259. | | 0 |
| 584 | Structure and potential applications of bacterial siderophores. , 2024, , 159-175. | | 0 |