

Star Formation in the Milky Way and Nearby Galaxies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Calibration of Star-Formation Rate Measurements Across the Electromagnetic Spectrum. Proceedings of the International Astronomical Union, 2012, 10, 495-527.	0.0	1
2	Synthetic observations of first hydrostatic cores in collapsing low-mass dense cores. Astronomy and Astrophysics, 2012, 548, A39.	2.1	17
3	THE STAR FORMATION RATE OF TURBULENT MAGNETIZED CLOUDS: COMPARING THEORY, SIMULATIONS, AND OBSERVATIONS. Astrophysical Journal, 2012, 761, 156.	1.6	553
4	GOODS- <i>Herschel</i> : ultra-deep <i>XMM-Newton</i> observations reveal AGN/star-formation connection. Astronomy and Astrophysics, 2012, 546, A58.	2.1	94
5	The Star Formation Relation in Nearby Galaxies. Proceedings of the International Astronomical Union, 2012, 8, 311-318.	0.0	1
6	SHELS: OPTICAL SPECTRAL PROPERTIES OF <i>WISE</i> 22 μ m SELECTED GALAXIES. Astrophysical Journal, 2012, 758, 25.	1.6	24
7	THE STAR FORMATION IN RADIO SURVEY: GBT 33 GHz OBSERVATIONS OF NEARBY GALAXY NUCLEI AND EXTRANUCLEAR STAR-FORMING REGIONS. Astrophysical Journal, 2012, 761, 97.	1.6	83
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9	Cosmological magnetic fields: their generation, evolution and observation. Astronomy and Astrophysics Review, 2013, 21, 1.	9.1	552
10	ALMA OBSERVATIONS OF THE MASSIVE MOLECULAR OUTFLOW G331.512 \pm 0.103. Astrophysical Journal Letters, 2013, 774, L7.	3.0	12
11	Cool Gas in High-Redshift Galaxies. Annual Review of Astronomy and Astrophysics, 2013, 51, 105-161.	8.1	838
12	Modeling the Panchromatic Spectral Energy Distributions of Galaxies. Annual Review of Astronomy and Astrophysics, 2013, 51, 393-455.	8.1	626
13	A galaxy rapidly forming stars 700 million years after the Big Bang at redshift 7.51. Nature, 2013, 502, 524-527.	18.7	223
14	The nature of [S III] λ 9096, 9532 emitters at $z = 1.34$ and 1.23 . Science China: Physics, Mechanics and Astronomy, 2013, 56, 2226-2235.	2.0	4
15	A Comparison of Star Formation Rate Indicators for Galaxies. Chinese Astronomy and Astrophysics, 2013, 37, 126-138.	0.1	1
16	A <i>HERSCHEL</i> SURVEY OF THE [N II] 205 μ m LINE IN LOCAL LUMINOUS INFRARED GALAXIES: THE [N II] 205 μ m EMISSION AS A STAR FORMATION RATE INDICATOR. Astrophysical Journal Letters, 2013, 765, L13.	3.0	41
17	Cosmic-ray astrochemistry. Chemical Society Reviews, 2013, 42, 7763.	18.7	34
18	From Gas to Stars Over Cosmic Time. Science, 2013, 340, 1229229.	6.0	6

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19	The CO-to-H ₂ Conversion Factor. Annual Review of Astronomy and Astrophysics, 2013, 51, 207-268.	8.1	1,518
20	STAR FORMATION PROPERTIES IN THE LOCAL VOLUME GALAXIES VIA H α AND FAR-ULTRAVIOLET FLUXES. Astronomical Journal, 2013, 146, 46.	1.9	80
21	Shocks, cooling and the origin of star formation rates in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1790-1800.	1.6	55
22	HERSCHEL EXPLOITATION OF LOCAL GALAXY ANDROMEDA (HELGA). III. THE STAR FORMATION LAW IN M31. Astrophysical Journal, 2013, 769, 55.	1.6	63
23	Star formation and dust heating in the FIR bright sources of M83. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2182-2207.	1.6	15
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28	The cosmic evolution of the IMF under the Jeans conjecture with implications for massive galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2892-2906.	1.6	26
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31	Herschel ATLAS: correlations between dust and gas in local submm-selected galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 436, 479-502.	1.6	28
32	NGC 2579 and the carbon and oxygen abundance gradients beyond the solar circle.... Monthly Notices of the Royal Astronomical Society, 2013, 433, 382-393.	1.6	52
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34	Galaxy pairs in the Sloan Digital Sky Survey - VII. The merger luminous infrared galaxy connection. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3128-3141.	1.6	84
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38	Feedback-regulated star formation in molecular clouds and galactic discs. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1970-1990.	1.6	152
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41	MOLECULAR LINE EMISSION FROM A PROTOPLANETARY DISK IRRADIATED EXTERNALLY BY A NEARBY MASSIVE STAR. Astrophysical Journal Letters, 2013, 766, L23.	3.0	27
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43	PHIBSS: MOLECULAR GAS, EXTINCTION, STAR FORMATION, AND KINEMATICS IN THE $z = 1.5$ STAR-FORMING GALAXY EGS13011166. Astrophysical Journal, 2013, 773, 68.	1.6	78
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51	DRIVERS OF H I TURBULENCE IN DWARF GALAXIES. Astrophysical Journal, 2013, 773, 88.	1.6	50
52	THE ORIGIN AND OPTICAL DEPTH OF IONIZING RADIATION IN THE α -GREEN PEAK GALAXIES. Astrophysical Journal, 2013, 766, 91.	1.6	187
53	SCHMIDT'S CONJECTURE AND STAR FORMATION IN MOLECULAR CLOUDS. Astrophysical Journal, 2013, 778, 133.	1.6	88
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60	STAR FORMATION RATES IN RESOLVED GALAXIES: CALIBRATIONS WITH NEAR- AND FAR-INFRARED DATA FOR NGC 5055 AND NGC 6946. <i>Astrophysical Journal</i> , 2013, 768, 180.	1.6	23
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68	HUBBLE TARANTULA TREASURY PROJECT: UNRAVELING TARANTULA'S WEB. I. OBSERVATIONAL OVERVIEW AND FIRST RESULTS. <i>Astronomical Journal</i> , 2013, 146, 53.	1.9	47
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76	THE STAR FORMATION LAWS OF EDDINGTON-LIMITED STAR-FORMING DISKS. <i>Astrophysical Journal</i> , 2013, 765, 138.	1.6	6
77	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local $H\alpha$. <i>Astronomy and Astrophysics</i> , 2013, 560, A66.	2.1	151
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79	Galaxy And Mass Assembly (GAMA): linking star formation histories and stellar mass growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 209-221.	1.6	81
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92	Magnetic fields and star formation in low-mass Magellanic-type and peculiar galaxies. <i>Astronomy and Astrophysics</i> , 2014, 567, A134.	2.1	15
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133	Spectroscopic Observations of the Star Formation Regions in Nearby Galaxies. <i>Chinese Astronomy and Astrophysics</i> , 2014, 38, 427-438.	0.1	5
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143	SHAPING THE DUST MASS-STAR-FORMATION RATE RELATION. <i>Astrophysical Journal Letters</i> , 2014, 782, L23.	3.0	29
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146	FROM GAS TO STARS IN ENERGETIC ENVIRONMENTS: DENSE GAS CLUMPS IN THE 30 DORADUS REGION WITHIN THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2014, 793, 37.	1.6	18
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1048	The low-luminosity Type II SN: a well-monitored spectral evolution of the Ni/Fe abundance ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 361-377.	1.6	10
1049	A dynamically cold disk galaxy in the early Universe. <i>Nature</i> , 2020, 584, 201-204.	13.7	83
1050	The role of galactic dynamics in shaping the physical properties of giant molecular clouds in Milky Way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 385-429.	1.6	35
1051	Cosmic evolution of molecular gas mass density from an empirical relationship between $L_{1.4 \text{ GHz}}$ and L_{CO} . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1760-1770.	1.6	3
1052	The local Universe in the era of large surveys – I. Spectral classification of S0 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4135-4157.	1.6	12
1053	K-CLASH: Strangulation and ram pressure stripping in galaxy cluster members at $0.3 < z < 0.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3841-3861.	1.6	10
1054	The impact of starbursts on element abundance ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1364-1381.	1.6	22
1055	The MOSDEF Survey: calibrating the relationship between $H\alpha$ star formation rate and radio continuum luminosity at $1.4 < z < 2.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3648-3657.	1.6	5
1056	Resolved star formation in the metal-poor star-forming region Magellanic Bridge C. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2534-2553.	1.6	5
1057	A panchromatic spatially resolved analysis of nearby galaxies – II. The main sequence gas relation at sub-kpc scale in grand-design spirals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4606-4623.	1.6	33
1058	Origin of giant stellar clumps in high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1263-1275.	1.6	15
1059	A cautionary tale of attenuation in star-forming regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4751-4770.	1.6	6
1060	HCN $_2$ survey towards a sample of local galaxies. <i>Publication of the Astronomical Society of Japan</i> , 2020, 72, .	1.0	7
1061	Effect of the environment on star formation activity and stellar mass for star-forming galaxies in the COSMOS field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 948-956.	1.6	4
1062	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2020, 643, A4.	2.1	69
1063	Factories of CO-dark gas: molecular clouds with limited star formation efficiencies by far-ultraviolet feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5061-5075.	1.6	8
1064	An uncertainty principle for star formation – V. The influence of dust extinction on star formation rate tracer lifetimes and the inferred molecular cloud lifecycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5076-5089.	1.6	6

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1066	An uncertainty principle for star formation – III. The characteristic emission time-scales of star formation rate tracers. Monthly Notices of the Royal Astronomical Society, 2020, 498, 235-257.	1.6	22
1067	ATOMS: ALMA three-millimeter observations of massive star-forming regions – II. Compact objects in ACA observations and star formation scaling relations. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2821-2835.	1.6	20
1068	A redshift-dependent IR λ ² dust attenuation relation for TNG50 galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4773-4794.	1.6	21
1069	The effect of the environment-dependent IMF on the formation and metallicities of stars over the cosmic history. Astronomy and Astrophysics, 2020, 636, A10.	2.1	26
1070	Understanding galaxy formation and evolution through an all-sky submillimetre spectroscopic survey. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	3
1071	JINGLE – IV. Dust, H α gas, and metal scaling laws in the local Universe. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3668-3687.	1.6	28
1072	The Cosmic Ultraviolet Baryon Survey (CUBS) – I. Overview and the diverse environments of Lyman limit systems at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2020, 497, 498-520.	1.6	37
1073	Simulations of the Milky Way’s Central Molecular Zone – II. Star formation. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5024-5040.	1.6	48
1074	Star formation in luminous LoBAL quasars at $z < 2.5$. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1469-1479.	1.6	4
1075	Star cluster formation in the most extreme environments: insights from the HiPEEC survey. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3267-3294.	1.6	49
1076	The stellar populations of high-redshift dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4134-4149.	1.6	12
1077	The star formation properties of the observed and simulated AGN Universe: BAT versus EAGLE. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2323-2338.	1.6	7
1078	A census of ultraluminous X-ray sources in the local Universe. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4790-4810.	1.6	57
1079	SEDIGISM-ATLASGAL: dense gas fraction and star formation efficiency across the Galactic disc. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3050-3063.	1.6	21
1080	Less than the sum of its parts: the dust-corrected H α luminosity of star-forming galaxies explored at different spatial resolutions with MaNGA and MUSE. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4205-4221.	1.6	9
1081	Gas and star formation from HD and dust emission in a strongly lensed galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4109-4118.	1.6	7
1082	SN ^{2017ivv} : two years of evolution of a transitional Type II supernova. Monthly Notices of the Royal Astronomical Society, 2020, 499, 974-992.	1.6	7

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1084	Reproducing the CO-to-H ₂ conversion factor in cosmological simulations of Milky-Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 837-850.	1.6	11
1085	The anatomy of a star-forming galaxy II: FUV heating via dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2028-2041.	1.6	6
1086	Chemodynamics of green pea galaxies â€” I. Outflows and turbulence driving the escape of ionizing photons and chemical enrichment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3541-3561.	1.6	27
1087	Contribution of starburst nuclei to the diffuse gamma-ray and neutrino flux. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5880-5891.	1.6	37
1088	Star formation in galaxies as traced by the Spitzer Space Telescope. <i>Nature Astronomy</i> , 2020, 4, 437-439.	4.2	7
1089	A cold, massive, rotating disk galaxy 1.5 billion years after the Big Bang. <i>Nature</i> , 2020, 581, 269-272.	13.7	71
1090	Physical Processes in Star Formation. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	43
1091	VIS ³ COS. <i>Astronomy and Astrophysics</i> , 2020, 633, A70.	2.1	13
1092	A hyper luminous starburst at $z = 4.72$ magnified by a lensing galaxy pair at $z = 1.48$. <i>Astronomy and Astrophysics</i> , 2020, 635, A27.	2.1	10
1093	Spatially Resolved Spectroscopic Properties of Low-Redshift Star-Forming Galaxies. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 99-155.	8.1	126
1094	KASHz: No evidence for ionised outflows instantaneously suppressing star formation in moderate luminosity AGN at $z \approx 1.4$ – 2.6 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3194-3216.	1.6	29
1095	H α gas content of SDSS galaxies revealed by ALFALFA: implications for the mass–metallicity relation and the environmental dependence of H α in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 111-124.	1.6	7
1096	How primordial magnetic fields shrink galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4475-4495.	1.6	24
1097	Timing the earliest quenching events with a robust sample of massive quiescent galaxies at $z \lesssim 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 695-707.	1.6	51
1098	Isotopologues of dense gas tracers in nearby infrared bright galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1095-1113.	1.6	7
1099	Star formation in outer rings of S0 galaxies. <i>Astronomy and Astrophysics</i> , 2020, 634, A102.	2.1	9
1100	Star Clusters Near and Far. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	82

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1102	From Diffuse Gas to Dense Molecular Cloud Cores. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	38
1103	The synthetic Emission Line COSMOS catalogue: H α and [O α] galaxy luminosity functions and counts at 0.3 z \leq 2.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 199-217.	1.6	23
1104	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 95-110.	1.6	8
1105	Infrared luminosity functions and dust mass functions in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2912-2924.	1.6	16
1106	Large-scale Turbulent Driving Regulates Star Formation in High-redshift Gas-rich Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 896, L34.	3.0	15
1107	Infalling gas in a Lyman- α blob. <i>Nature Astronomy</i> , 2020, 4, 670-674.	4.2	19
1108	The high-redshift SFR- M^* relation is sensitive to the employed star formation rate and stellar mass indicators: towards addressing the tension between observations and simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5592-5606.	1.6	30
1109	X-ray detected AGN in SDSS dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2268-2284.	1.6	49
1110	ALMA CO Observations of the Host Galaxies of Long-duration Gamma-Ray Bursts. I. Molecular Gas Scaling Relations. <i>Astrophysical Journal</i> , 2020, 892, 42.	1.6	8
1111	Molecular jets from low-mass young protostellar objects. <i>Astronomy and Astrophysics Review</i> , 2020, 28, 1.	9.1	46
1112	The Host Galaxies of Tidal Disruption Events. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	68
1113	Sub-galactic scaling relations between X-ray luminosity, star formation rate, and stellar mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5967-5984.	1.6	17
1114	IRAM 30-m-EMIR redshift search of $z = 3$ lensed dusty starbursts selected from the HerBS sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2372-2390.	1.6	16
1115	SCUBA-2 Ultra Deep Imaging EAO Survey (Studies). III. Multiwavelength Properties, Luminosity Functions, and Preliminary Source Catalog of 450 1.4m Selected Galaxies. <i>Astrophysical Journal</i> , 2020, 889, 80.	1.6	24
1116	The dust and cold gas content of local star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2531-2541.	1.6	4
1117	Observing the Earliest Stages of Star Formation in Galaxies: 8 1.4m Cores in Three Edge-on Disks. <i>Astrophysical Journal</i> , 2020, 895, 71.	1.6	4
1118	The universal acceleration scale from stellar feedback. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 496, L127-L132.	1.2	9

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1120	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€œ I. Survey description and a first look at G9.62+0.19. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2790-2820.	1.6	45
1121	The Evolution of the Star-Forming Interstellar Medium Across Cosmic Time. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 157-203.	8.1	223
1122	The Age Dependence of Mid-infrared Emission around Young Star Clusters. <i>Astrophysical Journal</i> , 2020, 896, 16.	1.6	7
1123	The effect of diffuse background on the spatially-resolved Schmidt relation in nearby spiral galaxies. <i>Astronomy and Astrophysics</i> , 2020, 634, A24.	2.1	10
1124	Star-forming Clumps in Local Luminous Infrared Galaxies. <i>Astrophysical Journal</i> , 2020, 888, 92.	1.6	28
1125	Applications of Stellar Population Synthesis in the Distant Universe. <i>Galaxies</i> , 2020, 8, 6.	1.1	5
1126	Massive Star Formation in the Ultraviolet Observed with the Hubble Space Telescope. <i>Galaxies</i> , 2020, 8, 13.	1.1	9
1127	An ALMA survey of the SCUBA-2 cosmology legacy survey UKIDSS/UDS field: Dust attenuation in high-redshift Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4927-4944.	1.6	7
1128	A SCUBA-2 850â€‰ μ m survey of heavily reddened quasars at $z \sim 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5280-5290.	1.6	4
1129	Variations in the slope of the resolved star-forming main sequence: a tool for constraining the mass of star-forming regions. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L87-L91.	1.2	10
1130	The Nature of the Double Nuclei in the Barred S0 Galaxy IC 676. <i>Astrophysical Journal</i> , 2020, 890, 145.	1.6	1
1131	The origin of dust in galaxies across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2490-2505.	1.6	43
1132	The CO(3â€œ2)/CO(1â€œ0) Luminosity Line Ratio in Nearby Star-forming Galaxies and Active Galactic Nuclei from xCOLD GASS, BASS, and SLUGS. <i>Astrophysical Journal</i> , 2020, 889, 103.	1.6	29
1133	Extended H<i> α Astronomy and Astrophysics, 2020, 635, A119.	2.1	22
1134	The relationship between black hole mass and galaxy properties: examining the black hole feedback model in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1888-1906.	1.6	127
1135	SILCC-Zoom: H2 and CO-dark gas in molecular clouds â€œ the impact of feedback and magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1465-1483.	1.6	39
1136	Giant star-forming clumps?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 495, L1-L6.	1.2	24

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1138	Galaxies hosting an active galactic nucleus: a view from the CALIFA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3073-3090.	1.6	61
1139	Cool outflows in galaxies and their implications. <i>Astronomy and Astrophysics Review</i> , 2020, 28, 1.	9.1	253
1140	Nebular-line emission during the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 6079-6094.	1.6	24
1141	Reproducing the Universe: a comparison between the EAGLE simulations and the nearby DustPedia galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2823-2838.	1.6	28
1142	Efficacy of early stellar feedback in low gas surface density environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2088-2103.	1.6	28
1143	The impact of the connectivity of the cosmic web on the physical properties of galaxies at its nodes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4294-4309.	1.6	35
1144	The KLEVER Survey: spatially resolved metallicity maps and gradients in a sample of 1.2 < i> z < /i> < i> < /i> 2.5 lensed galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 821-842.	1.6	44
1145	Pa $\hat{2}$, H $\hat{1}\pm$, and Attenuation in NGC 5194 and NGC 6946. <i>Astrophysical Journal</i> , 2020, 892, 23.	1.6	8
1146	Infall in massive clumps harboring bright infrared sources. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 014.	0.7	5
1147	Diagnosing the interstellar medium of galaxies with far-infrared emission lines. <i>Astronomy and Astrophysics</i> , 2021, 645, A133.	2.1	9
1148	On the plausible origins of the spiral character of galaxies. <i>Open Astronomy</i> , 2021, 30, 1-11.	0.2	0
1149	Reproducing submillimetre galaxy number counts with cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 772-793.	1.6	42
1150	Stellar migration and chemical enrichment in the milky way disc: a hybrid model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4484-4511.	1.6	35
1151	Star Formation Rate. , 2021, , 1-1.		0
1152	Distances to molecular clouds in the second Galactic quadrant. <i>Astronomy and Astrophysics</i> , 2021, 645, A129.	2.1	11
1153	The IRX $\hat{\epsilon}$ $\hat{1}^2$ relation of high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3210-3241.	1.6	20
1154	Runaway stars masquerading as star formation in galactic outskirts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 502, L29-L34.	1.2	8

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1156	Modeling of Cosmic-Ray Production and Transport and Estimation of Gamma-Ray and Neutrino Emissions in Starburst Galaxies. <i>Astrophysical Journal</i> , 2021, 907, 26.	1.6	9
1157	Impact of relativistic jets on the star formation rate: a turbulence-regulated framework. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4738-4757.	1.6	26
1158	Evolution of galaxy scaling relations in clusters at $0.5 < z < 1.5$. <i>Astronomy and Astrophysics</i> , 2021, 646, A53.	2.1	4
1159	A puzzling non-detection of [O III] and [C II] from a $z \approx 7.7$ galaxy observed with ALMA. <i>Astronomy and Astrophysics</i> , 2021, 646, A26.	2.1	4
1160	Discovery of a Damped Ly α Galaxy at $z \approx 3$ toward the Quasar SDSS J011852+040644. <i>Astrophysical Journal</i> , 2021, 908, 129.	1.6	3
1161	Radiation Hydrodynamics of Turbulent H II Regions in Molecular Clouds: A Physical Origin of LyC Leakage and the Associated Ly α Spectra. <i>Astrophysical Journal</i> , 2021, 908, 30.	1.6	38
1162	Characterizing the line emission from molecular clouds. <i>Astronomy and Astrophysics</i> , 2021, 646, A97.	2.1	20
1163	SDSS-IV/MaNGA: Can Impulsive Gaseous Inflows Explain Steep Oxygen Abundance Profiles and Anomalously Low-Metallicity Regions?. <i>Astrophysical Journal</i> , 2021, 908, 165.	1.6	2
1164	ALMA 1.3 mm Survey of Lensed Submillimeter Galaxies Selected by Herschel: Discovery of Spatially Extended SMGs and Implications. <i>Astrophysical Journal</i> , 2021, 908, 192.	1.6	15
1165	Revisiting the Integrated Star Formation Law. II. Starbursts and the Combined Global Schmidt Law. <i>Astrophysical Journal</i> , 2021, 908, 61.	1.6	80
1166	Population Synthesis of Galactic Be-star Binaries with a Helium-star Companion. <i>Astrophysical Journal</i> , 2021, 908, 67.	1.6	18
1167	Fiery Cores: Bursty and Smooth Star Formation Distributions across Galaxy Centers in Cosmological Zoom-in Simulations. <i>Astrophysical Journal Letters</i> , 2021, 908, L31.	3.0	9
1168	Integral field spectroscopy of luminous infrared main-sequence galaxies at cosmic noon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5329-5350.	1.6	4
1169	Resolving a dusty, star-forming SHiZELS galaxy at $z = 2.2$ with HST, ALMA, and SINFONI on kiloparsec scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2622-2638.	1.6	21
1170	From Haloes to Galaxies. II. The Fundamental Relations in Star Formation and Quenching. <i>Astrophysical Journal</i> , 2021, 907, 114.	1.6	15
1171	BAT AGN Spectroscopic Survey. XX. Molecular Gas in Nearby Hard-X-Ray-selected AGN Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 29.	3.0	52
1172	Cosmic rays across the star-forming galaxy sequence II. Stability limits and the onset of cosmic ray-driven outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2651-2664.	1.6	19

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1174	AGN Triality of Triple Mergers: Multiwavelength Classifications. <i>Astrophysical Journal</i> , 2021, 907, 72.	1.6	7
1175	High-sensitivity Millimeter Imaging of Molecular Outflows in Nine Nearby High-mass Star-forming Regions. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 15.	3.0	5
1176	H α -MaNGA: tracing the physics of the neutral and ionized ISM with the second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1345-1366.	1.6	34
1177	SITELLE H β Imaging Spectroscopy of $z \sim 0.25$ Clusters: Emission-line Galaxy Detection and Ionized Gas Offset in Abell 2390 and Abell 2465. <i>Astrophysical Journal</i> , 2021, 908, 228.	1.6	9
1178	Evolution of Galaxy Star Formation and Metallicity: Impact on Double Compact Object Mergers. <i>Astrophysical Journal</i> , 2021, 907, 110.	1.6	27
1179	The EDGE-CALIFA survey: self-regulation of star formation at kpc scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3643-3659.	1.6	25
1180	Localized-plasma-assisted rotational transitions in the terahertz region. <i>Physical Review A</i> , 2021, 103, .	1.0	4
1181	CO Excitation, Molecular Gas Density, and Interstellar Radiation Field in Local and High-redshift Galaxies. <i>Astrophysical Journal</i> , 2021, 909, 56.	1.6	28
1182	Modelling the M^* -SFR relation at high redshift: untangling factors driving biases in the intrinsic scatter measurement. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4855-4877.	1.6	15
1183	Tracing Young Star-forming Clumps in the Nearby Flocculent Spiral Galaxy NGC 7793 with UVIT Imaging. <i>Astrophysical Journal</i> , 2021, 909, 203.	1.6	8
1184	Unveiling the nature of 11 dusty star-forming galaxies at the peak of cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 928-950.	1.6	10
1185	On the duration of the embedded phase of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 487-509.	1.6	61
1186	Fast radio burst detection in the presence of coloured noise. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5223-5231.	1.6	8
1187	Illuminating the Dark Side of Cosmic Star Formation Two Billion Years after the Big Bang. <i>Astrophysical Journal</i> , 2021, 909, 23.	1.6	39
1188	UV Spectral Slopes at $z = 6 \sim 9$ in the Hubble Frontier Fields: Lack of Evidence for Unusual or Population III Stellar Populations. <i>Astrophysical Journal</i> , 2021, 909, 144.	1.6	28
1189	SDSS-IV MaNGA: A Star Formation-Baryonic Mass Relation at Kiloparsec Scales. <i>Astrophysical Journal</i> , 2021, 909, 131.	1.6	17
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1191	Exploring the relation between dust mass and galaxy properties using <i>DustyASAGE</i> . Monthly Notices of the Royal Astronomical Society, 2021, 503, 1005-1016.	1.6	8
1192	Apertif view of the OH megamaser IRAS 10597+5926: OH 18 cm satellite lines in wide-area H&I surveys. Astronomy and Astrophysics, 2021, 647, A193.	2.1	5
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1517	Physical Constraints on the Extended Interstellar Medium of the $z = 6.42$ Quasar J1148+5251: [C ii] λ 158 μ m, [N ii] λ 205 μ m, and [O i] λ 146 μ m Observations. <i>Astrophysical Journal</i> , 2022, 927, 152.	1.6	26
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