Qiu-Sheng Gu

List of Publications by Year
in descending order

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38 papers	966 citations	471509 17 h-index	454955 30 g-index
38 all docs	38 docs citations	38 times ranked	1735 citing authors

#	Article	IF	Citations
1	Inefficient star formation in extremely metal poor galaxies. Nature, 2014, 514, 335-338.	27.8	176
2	â€œSuper-deblendedâ€•Dust Emission in Galaxies. II. Far-IR to (Sub)millimeter Photometry and High-redshift Galaxy Candidates in the Full COSMOS Field. Astrophysical Journal, 2018, 864, 56.	4.5	108
3	Filamentary Fragmentation and Accretion in High-mass Star-forming Molecular Clouds. Astrophysical Journal, 2018, 855, 9.	4.5	76
4	VERY LARGE ARRAY OBSERVATIONS OF AMMONIA IN HIGH-MASS STAR FORMATION REGIONS. Astrophysical Journal, 2014, 790, 84.	4.5	65
5	Revisiting the Extended Schmidt Law: The Important Role of Existing Stars in Regulating Star Formation. Astrophysical Journal, 2018, 853, 149.	4.5	54
6	LARGE-SCALE KINEMATICS, ASTROCHEMISTRY, AND MAGNETIC FIELD STUDIES OF MASSIVE STAR-FORMING REGIONS THROUGH HC₃N, HNC, AND C₂H MAPPINGS. Astrophysical Journal, 2012, 745, 47.	4.5	35
7	The MALATANG Survey: The L_{GAS}â€“L_{IR} Correlation on Sub-kiloparsec Scale in Six Nearby Star-forming Galaxies as Traced by HCN JÂ=Â4Ââ†’Â3 and HCO⁺ JÂ=Â4Ââ†’Â3. Astrophysical Journal, 2018, 860, 165.	4.5	35
8	Carbon monoxide in an extremely metal-poor galaxy. Nature Communications, 2016, 7, 13789.	12.8	34
9	The Molecular Gas Environment in the 20 km s^{âˆ’1} Cloud in the Central Molecular Zone. Astrophysical Journal, 2017, 839, 1.	4.5	34
10	Star Formation Rates of Massive Molecular Clouds in the Central Molecular Zone. Astrophysical Journal, 2019, 872, 171.	4.5	32
11	THE WEAK CARBON MONOXIDE EMISSION IN AN EXTREMELY METAL-POOR GALAXY, SEXTANS A. Astrophysical Journal Letters, 2015, 804, L11.	8.3	28
12	INITIAL FRAGMENTATION IN THE INFRARED DARK CLOUD G28.53âˆ’0.25. Astrophysical Journal, 2015, 805, 171.	4.5	25
13	Evidence for the connection between star formation rate and the evolutionary phases of quasars. Nature Astronomy, 2022, 6, 339-343.	10.1	25
14	DEEPLY EMBEDDED PROTOSTELLAR POPULATION IN THE 20 km s ^{âˆ’1} CLOUD OF THE CENTRAL MOLECULAR ZONE. Astrophysical Journal Letters, 2015, 814, L18.	8.3	24
15	Narrow absorption lines with two observations from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3904-3919.	4.4	23
16	Spatially Resolved Studies of Local Massive Red Spiral Galaxies. Astrophysical Journal Letters, 2019, 883, L36.	8.3	20
17	A Cuspy Dark Matter Halo. Astrophysical Journal, 2021, 909, 20.	4.5	20
18	Toward an Understanding of the Massive Red Spiral Galaxy Formation. Astrophysical Journal, 2020, 897, 162.	4.5	17

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19	Population synthesis on high-mass X-ray binaries: prospects and constraints from the universal X-ray luminosity function. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1187-1198.	4.4	16
20	From Haloes to Galaxies. II. The Fundamental Relations in Star Formation and Quenching. Astrophysical Journal, 2021, 907, 114.	4.5	15
21	THE NUCLEAR ACTIVITIES OF NEARBY S0 GALAXIES. Astrophysical Journal, 2016, 831, 63.	4.5	14
22	Systematic biases in determining dust attenuation curves through galaxy SED fitting. Monthly Notices of the Royal Astronomical Society, 2022, 511, 765-783.	4.4	13
23	The black hole mass, jet power and accretion in blazars and flat-spectrum radio-loud narrow-line Seyfert 1 galaxies. Astrophysics and Space Science, 2019, 364, 1.	1.4	11
24	Physical properties of the CDFS X-ray sources through fitting spectral energy distributions. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1887-1901.	4.4	8
25	Oversized Gas Clumps in an Extremely Metal-poor Molecular Cloud Revealed by ALMAâ€™s Parsec-scale Maps. Astrophysical Journal, 2020, 892, 147.	4.5	7
26	From the Fermi Blazar Sequence to the Relation between Fermi Blazars and Î³-Ray Narrow-line Seyfert 1 Galaxies. Astrophysical Journal, 2021, 906, 108.	4.5	7
27	The Physical Properties of S0 Galaxy PGC 26218: The Origin of Starburst and Star Formation. Astrophysical Journal, 2020, 889, 132.	4.5	6
28	Star-forming S0 galaxies in the SDSS-IV MaNGA survey. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1237-1244.	4.4	6
29	The LAMOST Complete Spectroscopic Survey of Pointing Area (LaCoSSPAr) in the Southern Galactic Cap. I. The Spectroscopic Redshift Catalog. Astrophysical Journal, Supplement Series, 2018, 234, 5.	7.7	4
30	The Physical Characteristics of Interstellar Medium in NGC 3665 with Herschel Observations*. Astrophysical Journal, 2018, 854, 111.	4.5	4
31	PGC 38025: A Star-forming Lenticular Galaxy with an Off-nuclear Star-forming Core. Astrophysical Journal, 2021, 915, 1.	4.5	4
32	From Haloes to Galaxies. III. The Gas Cycle of Local Galaxy Populations. Astrophysical Journal, 2021, 915, 94.	4.5	4
33	A universal relationship between stellar masses and binding energies of galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2423-2431.	4.4	4
34	The origin of the soft X-ray excess in the narrow-line Seyfert 1 galaxy SBS 1353Â+Â564. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3572-3582.	4.4	4
35	Asymmetric Star Formation Triggered by Gas Inflow in a Barred Lenticular Galaxy PGC 34107. Astrophysical Journal, 2022, 927, 215.	4.5	3
36	Cold Gas in Massive Galaxies as a Critical Test of Black Hole Feedback Models. Astrophysical Journal, 2022, 927, 189.	4.5	3

#	Article	IF	Citations
37	Multiwavelength Selected Compton-thick AGNs in Chandra Deep Field-South Survey. Astrophysical Journal, 2021, 908, 169.	4.5	1
38	Observations of cold gas and star formation in dwarf S0 galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4262-4273.	4.4	1