

Yu Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7184549/publications.pdf>

Version: 2024-02-01

143
papers

6,972
citations

57719

44
h-index

62565

80
g-index

144
all docs

144
docs citations

144
times ranked

4079
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A 2â€³ mm high-resolution molecular line survey towards the centre of the nearby spiral galaxy NGC 6946. <i>Astronomy and Astrophysics</i> , 2022, 659, A173. | 2.1 | 14 |
| 2 | The molecular gas resolved by ALMA in the low-metallicity merging dwarf galaxy Haro 11. <i>Astronomy and Astrophysics</i> , 2022, 661, A136. | 2.1 | 6 |
| 3 | Submillimetre galaxies in two massive protoclusters at $z \approx 2.24$: witnessing the enrichment of extreme starbursts in the outskirts of HAE density peaks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4893-4908. | 1.6 | 12 |
| 4 | Cold Gas in Massive Galaxies as a Critical Test of Black Hole Feedback Models. <i>Astrophysical Journal</i> , 2022, 927, 189. | 1.6 | 3 |
| 5 | Diagnosing Triggered Star Formation in the Galactic H ii region Sh 2-142. <i>Astrophysical Journal</i> , 2022, 928, 17. | 1.6 | 0 |
| 6 | From Haloes to Galaxies. II. The Fundamental Relations in Star Formation and Quenching. <i>Astrophysical Journal</i> , 2021, 907, 114. | 1.6 | 15 |
| 7 | 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 |
| 8 | Sustaining Star Formation in the Galactic Star Cluster M 36?. <i>Astrophysical Journal</i> , 2021, 910, 80. | 1.6 | 3 |
| 9 | The Carbon-to-H ₂ , CO-to-H ₂ conversion factors, and carbon abundance on kiloparsec scales in nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2360-2380. | 1.6 | 10 |
| 10 | Deep Observations of CO and Free-Free Emission in Ultraluminous Infrared QSO IRAS F07599+6508. <i>Astrophysical Journal</i> , 2021, 913, 82. | 1.6 | 3 |
| 11 | Revisiting the Color-Color Selection: Submillimeter and AGN Properties of NUV-selected Quiescent Galaxies. <i>Astrophysical Journal</i> , 2021, 913, 6. | 1.6 | 3 |
| 12 | From Haloes to Galaxies. III. The Gas Cycle of Local Galaxy Populations. <i>Astrophysical Journal</i> , 2021, 915, 94. | 1.6 | 4 |
| 13 | NOEMA Observations of CO Emission in Arp 142 and Arp 238. <i>Astrophysical Journal</i> , 2021, 918, 55. | 1.6 | 4 |
| 14 | The effect of active galactic nuclei on the cold interstellar medium in distant star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2021, 654, A165. | 2.1 | 12 |
| 15 | The HASHTAG Project: The First Submillimeter Images of the Andromeda Galaxy from the Ground. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 52. | 3.0 | 5 |
| 16 | The MALATANG survey: dense gas and star formation from high-transition HCN and HCO ⁺ maps of NGC 253. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1276-1296. | 1.6 | 9 |
| 17 | SCUBA-2 Ultra Deep Imaging EAO Survey (STUDIES). IV. Spatial Clustering and Halo Masses of Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2020, 895, 104. | 1.6 | 10 |
| 18 | ALMA [N ii] 205 μ m Imaging Spectroscopy of the Lensed Submillimeter Galaxy ID 141 at Redshift 4.24. <i>Astrophysical Journal</i> , 2020, 898, 33. | 1.6 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Weak CS emission in an extremely metal-poor galaxy DDO70. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L38-L42. | 1.2 | 0 |
| 20 | HCN $\nu_3=2$ survey towards a sample of local galaxies. Publication of the Astronomical Society of Japan, 2020, 72, . | 1.0 | 7 |
| 21 | CHIMPS2: survey description and 12CO emission in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5936-5951. | 1.6 | 21 |
| 22 | Oversized Gas Clumps in an Extremely Metal-poor Molecular Cloud Revealed by ALMA's Parsec-scale Maps. Astrophysical Journal, 2020, 892, 147. | 1.6 | 7 |
| 23 | Isotopologues of dense gas tracers in nearby infrared bright galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1095-1113. | 1.6 | 7 |
| 24 | SCUBA-2 Ultra Deep Imaging EAO Survey (Studies). III. Multiwavelength Properties, Luminosity Functions, and Preliminary Source Catalog of 450 1.4m Selected Galaxies. Astrophysical Journal, 2020, 889, 80. | 1.6 | 24 |
| 25 | Probing the Full CO Spectral Line Energy Distribution (SLED) in the Nuclear Region of a Quasar-starburst System at $z=6.003$. Astrophysical Journal, 2020, 889, 162. | 1.6 | 33 |
| 26 | The Properties of the Interstellar Medium of Galaxies across Time as Traced by the Neutral Atomic Carbon [C I]. Astrophysical Journal, 2020, 890, 24. | 1.6 | 68 |
| 27 | The HASHTAG project I. A survey of CO($\nu=2$) emission from the star forming disc of M31. Monthly Notices of the Royal Astronomical Society, 2020, 492, 195-209. | 1.6 | 3 |
| 28 | Molecular Oxygen in the Nearest QSO Mrk 231. Astrophysical Journal, 2020, 889, 129. | 1.6 | 6 |
| 29 | ALMA Imaging of the CO ($\nu=6$) Line Emission in the Submillimeter Galaxy LESS 073 at $z=4.755^*$. Astrophysical Journal, 2020, 892, 145. | 1.6 | 6 |
| 30 | CO emission in distant galaxies on and above the main sequence. Astronomy and Astrophysics, 2020, 641, A155. | 2.1 | 36 |
| 31 | Ionized and Atomic Interstellar Medium in the $z=6.003$ Quasar SDSS J2310+1855. Astrophysical Journal, 2020, 900, 131. | 1.6 | 36 |
| 32 | A Herschel Mapping of $\nu_3=2$ and $\nu_3=1$ Lines from the Circumnuclear Region of M31. Astrophysical Journal, 2020, 905, 138. | 1.6 | 1 |
| 33 | The Blue Compact Dwarf Galaxy VCC 848 Formed by Dwarf-Dwarf Merging: H I Gas, Star Formation, and Numerical Simulations. Astrophysical Journal, 2020, 900, 152. | 1.6 | 14 |
| 34 | Resolved Neutral Carbon Emission in Nearby Galaxies: [C I] Lines as Total Molecular Gas Tracers. Astrophysical Journal, 2019, 880, 133. | 1.6 | 37 |
| 35 | Molecular Gas of the Most Massive Spiral Galaxies. I. A Case Study of NGC 5908. Astrophysical Journal, 2019, 877, 3. | 1.6 | 6 |
| 36 | The Main Sequence at $z=1.3$ Contains a Sizable Fraction of Galaxies with Compact Star Formation Sizes: A New Population of Early Post-starbursts?. Astrophysical Journal Letters, 2019, 877, L23. | 3.0 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies: II. SCUBA-2 850 μ m data reduction and dust flux density catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4166-4185. | 1.6 | 14 |
| 38 | CO, H ₂ O, H ₂ O ⁺ line and dust emission in a $z = 3.63$ strongly lensed starburst merger at sub-kiloparsec scales. Astronomy and Astrophysics, 2019, 624, A138. | 2.1 | 30 |
| 39 | The SCUBA-2 web survey: I. Observations of CO(3 \rightarrow 2) in hyper-luminous QSO fields. Monthly Notices of the Royal Astronomical Society, 2019, 485, 753-769. | 1.6 | 7 |
| 40 | Discovery of Four Apparently Cold Dusty Galaxies at $z = 3.62 - 5.85$ in the COSMOS Field: Direct Evidence of Cosmic Microwave Background Impact on High-redshift Galaxy Observables. Astrophysical Journal, 2019, 887, 144. | 1.6 | 65 |
| 41 | CO observations of major merger pairs at $z \sim 0$: molecular gas mass and star formation. Astronomy and Astrophysics, 2019, 627, A107. | 2.1 | 20 |
| 42 | Resolving the Interstellar Medium in Ultraluminous Infrared QSO Hosts with ALMA. Astrophysical Journal, 2019, 887, 24. | 1.6 | 16 |
| 43 | Estimating the Molecular Gas Mass of Low-redshift Galaxies from a Combination of Mid-infrared Luminosity and Optical Properties. Astrophysical Journal, 2019, 887, 172. | 1.6 | 10 |
| 44 | Automated Mining of the ALMA Archive in the COSMOS Field (A ³ COSMOS). II. Cold Molecular Gas Evolution out to Redshift 6. Astrophysical Journal, 2019, 887, 235. | 1.6 | 85 |
| 45 | Super-deblended Dust Emission in Galaxies. I. The GOODS-North Catalog and the Cosmic Star Formation Rate Density out to Redshift 6. Astrophysical Journal, 2018, 853, 172. | 1.6 | 102 |
| 46 | The Effect of Galaxy Interactions on Molecular Gas Properties. Astrophysical Journal, 2018, 868, 132. | 1.6 | 51 |
| 47 | ALMA Observation of NGC 5135: The Circumnuclear CO (6 \rightarrow 5) and Dust Continuum Emission at 45 pc Resolution*. Astrophysical Journal, 2018, 866, 117. | 1.6 | 3 |
| 48 | A Survey of Atomic Carbon [C i] in High-redshift Main-sequence Galaxies. Astrophysical Journal, 2018, 869, 27. | 1.6 | 87 |
| 49 | Super-deblended 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. | 1.6 | 108 |
| 50 | CO (7 \rightarrow 6), [C i] 370 μ m, and [N ii] 205 μ m Line Emission of the QSO BRI 1335-0417 at Redshift 4.407. Astrophysical Journal, 2018, 864, 38. | 1.6 | 18 |
| 51 | Herschel Spectroscopy of the Taffy Galaxies (UGC 12914/12915 = VV 254): Enhanced [C ii] Emission in the Collisionally Formed Bridge. Astrophysical Journal, 2018, 855, 141. | 1.6 | 9 |
| 52 | The MALATANG Survey: The L _{GAS} \rightarrow L _{IR} Correlation on Sub-kiloparsec Scale in Six Nearby Star-forming Galaxies as Traced by HCN J ₄ \rightarrow 3 and HCO ⁺ J ₄ \rightarrow 3. Astrophysical Journal, 2018, 860, 165. | 1.6 | 35 |
| 53 | Revisiting the Extended Schmidt Law: The Important Role of Existing Stars in Regulating Star Formation. Astrophysical Journal, 2018, 853, 149. | 1.6 | 54 |
| 54 | Neutral Carbon Emission in Luminous Infrared Galaxies: The [C i] Lines as Total Molecular Gas Tracers ⁺ . Astrophysical Journal Letters, 2017, 840, L18. | 3.0 | 53 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | A Herschel Space Observatory Spectral Line Survey of Local Luminous Infrared Galaxies from 194 to 671 Microns [^] . <i>Astrophysical Journal, Supplement Series</i> , 2017, 230, 1. | 3.0 | 73 |
| 56 | ALMA Maps of Dust and Warm Dense Gas Emission in the Starburst Galaxy IC 5179*. <i>Astrophysical Journal</i> , 2017, 845, 58. | 1.6 | 2 |
| 57 | HC ₃ N observations of nearby galaxies. <i>Astronomy and Astrophysics</i> , 2017, 600, A15. | 2.1 | 9 |
| 58 | ALMA [N ii] 205 $\hat{1}$ / ₄ m Imaging Spectroscopy of the Interacting Galaxy System BRI 1202-0725 at Redshift 4.7 [*] . <i>Astrophysical Journal Letters</i> , 2017, 842, L16. | 3.0 | 15 |
| 59 | HIFI Spectroscopy of H ₂ O Submillimeter Lines in Nuclei of Actively Star-forming Galaxies. <i>Astrophysical Journal</i> , 2017, 846, 5. | 1.6 | 38 |
| 60 | Dense Gas in the Outer Spiral Arm of M51. <i>Astrophysical Journal</i> , 2017, 836, 101. | 1.6 | 18 |
| 61 | High Dense Gas Fraction in Intensely Star-forming Dusty Galaxies. <i>Astrophysical Journal</i> , 2017, 850, 170. | 1.6 | 35 |
| 62 | Dense gas in low-metallicity galaxies. <i>Astronomy and Astrophysics</i> , 2017, 597, A44. | 2.1 | 22 |
| 63 | Molecular gas in the Herschel-selected strongly lensed submillimeter galaxies at $z \sim 2$ as probed by multi- <i>J</i> CO lines. <i>Astronomy and Astrophysics</i> , 2017, 608, A144. | 2.1 | 92 |
| 64 | Testing the universality of the star-formation efficiency in dense molecular gas. <i>Astronomy and Astrophysics</i> , 2017, 604, A74. | 2.1 | 75 |
| 65 | THE [N ii] 205 $\hat{1}$ / ₄ m EMISSION IN LOCAL LUMINOUS INFRARED GALAXIES*. <i>Astrophysical Journal</i> , 2016, 819, 69. | 1.6 | 45 |
| 66 | ALMA IMAGING OF THE CO (6-5) LINE EMISSION IN NGC 7130*. <i>Astrophysical Journal</i> , 2016, 820, 118. | 1.6 | 19 |
| 67 | Submillimeter H ₂ O and H ₂ O ⁺ emission in lensed ultra- and hyper-luminous infrared galaxies at $z \sim 2$. <i>Astronomy and Astrophysics</i> , 2016, 595, A80. | 2.1 | 49 |
| 68 | Carbon monoxide in an extremely metal-poor galaxy. <i>Nature Communications</i> , 2016, 7, 13789. | 5.8 | 34 |
| 69 | HERSCHEL OBSERVATIONS OF MAJOR MERGER PAIRS AT $z \hat{=}$ 0: DUST MASS AND STAR FORMATION. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 16. | 3.0 | 29 |
| 70 | Dense molecular gas tracers in high mass star formation regions. <i>Research in Astronomy and Astrophysics</i> , 2016, 16, 005. | 0.7 | 2 |
| 71 | X-RAY EMISSION FROM THE TAFFY (VV254) GALAXIES AND BRIDGE. <i>Astrophysical Journal</i> , 2015, 812, 118. | 1.6 | 11 |
| 72 | SPATIALLY RESOLVED DENSE MOLECULAR GAS AND STAR FORMATION RATE IN M51. <i>Astrophysical Journal</i> , 2015, 810, 140. | 1.6 | 36 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | HIGH- z CO VERSUS FAR-INFRARED RELATIONS IN NORMAL AND STARBURST GALAXIES. <i>Astrophysical Journal Letters</i> , 2015, 810, L14. | 3.0 | 86 |
| 74 | THE WEAK CARBON MONOXIDE EMISSION IN AN EXTREMELY METAL-POOR GALAXY, SEXTANS A. <i>Astrophysical Journal Letters</i> , 2015, 804, L11. | 3.0 | 28 |
| 75 | Evolutionary stages and disk properties of young stellar objects in the Perseus cloud. <i>Research in Astronomy and Astrophysics</i> , 2015, 15, 1294-1324. | 0.7 | 3 |
| 76 | MEASURING STAR FORMATION RATES AND FAR-INFRARED COLORS OF HIGH-REDSHIFT GALAXIES USING THE CO(7-6) AND [N II] 205 μ m LINES. <i>Astrophysical Journal Letters</i> , 2015, 802, L11. | 3.0 | 33 |
| 77 | Hydrocarbons in Massive Star Forming Regions: C ₂ H Observations. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, . | 0.0 | 0 |
| 78 | ALMA OBSERVATIONS OF WARM DENSE GAS IN NGC 1614—BREAKING OF THE STAR FORMATION LAW IN THE CENTRAL KILOPARSEC. <i>Astrophysical Journal</i> , 2015, 799, 11. | 1.6 | 49 |
| 79 | THE GLOBAL STAR FORMATION LAWS OF GALAXIES FROM A RADIO CONTINUUM PERSPECTIVE. <i>Astrophysical Journal</i> , 2015, 805, 31. | 1.6 | 54 |
| 80 | THE HERSCHEL COMPREHENSIVE (U)LIRG EMISSION SURVEY (HERCULES): CO LADDERS, FINE STRUCTURE LINES, AND NEUTRAL GAS COOLING. <i>Astrophysical Journal</i> , 2015, 801, 72. | 1.6 | 135 |
| 81 | CO excitation of normal star-forming galaxies out to $z = 1.5$ as regulated by the properties of their interstellar medium. <i>Astronomy and Astrophysics</i> , 2015, 577, A46. | 2.1 | 213 |
| 82 | Physical conditions of molecular gas in the Circinus galaxy Multi-CO and C ₃ PP observations. <i>Astronomy and Astrophysics</i> , 2014, 568, A122. | 2.1 | 35 |
| 83 | ALMA OBSERVATIONS OF WARM MOLECULAR GAS AND COLD DUST IN NGC 34. <i>Astrophysical Journal</i> , 2014, 787, 48. | 1.6 | 33 |
| 84 | SiO and CH ₃ OH mega-masers in NGC 1068. <i>Nature Communications</i> , 2014, 5, 5449. | 5.8 | 26 |
| 85 | WARM MOLECULAR GAS IN LUMINOUS INFRARED GALAXIES. <i>Astrophysical Journal Letters</i> , 2014, 787, L23. | 3.0 | 45 |
| 86 | STAR FORMATION RELATIONS AND CO SPECTRAL LINE ENERGY DISTRIBUTIONS ACROSS THE z -LADDER AND REDSHIFT. <i>Astrophysical Journal</i> , 2014, 794, 142. | 1.6 | 130 |
| 87 | MOLECULAR GAS HEATING MECHANISMS, AND STAR FORMATION FEEDBACK IN MERGER/STARBURSTS: NGC 6240 AND Arp 193 AS CASE STUDIES. <i>Astrophysical Journal</i> , 2014, 788, 153. | 1.6 | 67 |
| 88 | DENSE GAS TRACERS AND STAR FORMATION LAWS IN ACTIVE GALAXIES: APEX SURVEY OF HCN $J = 4 \rightarrow 3$, HCO $J = 4 \rightarrow 3$, AND CS $J = 7 \rightarrow 6$. <i>Astrophysical Journal Letters</i> , 2014, 784, L31. | 3.0 | 75 |
| 89 | Inefficient star formation in extremely metal poor galaxies. <i>Nature</i> , 2014, 514, 335-338. | 13.7 | 176 |
| 90 | Dust and gas in luminous proto-cluster galaxies at $z = 4.05$: the case for different cosmic dust evolution in normal and starburst galaxies. <i>Astronomy and Astrophysics</i> , 2014, 569, A98. | 2.1 | 70 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | A <i>HERSCHEL</i> SURVEY OF THE [N II] 205 $\hat{1}$ / ₄ m LINE IN LOCAL LUMINOUS INFRARED GALAXIES: THE [N II] 205 $\hat{1}$ / ₄ m EMISSION AS A STAR FORMATION RATE INDICATOR. <i>Astrophysical Journal Letters</i> , 2013, 765, L13. | 3.0 | 41 |
| 92 | A DEEP SEARCH FOR MOLECULAR GAS IN TWO MASSIVE LYMAN BREAK GALAXIES AT $z = 3$ AND 4: VANISHING CO-EMISSION DUE TO LOW METALLICITY?. <i>Astrophysical Journal Letters</i> , 2013, 776, L24. | 3.0 | 24 |
| 93 | EVIDENCE FOR CO SHOCK EXCITATION IN NGC 6240 FROM <i>HERSCHEL</i> SPIRE SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2013, 762, L16. | 3.0 | 115 |
| 94 | WATER VAPOR IN NEARBY INFRARED GALAXIES AS PROBED BY <i>HERSCHEL</i> . <i>Astrophysical Journal Letters</i> , 2013, 771, L24. | 3.0 | 59 |
| 95 | SHOCK-ENHANCED C ⁺ EMISSION AND THE DETECTION OF H ₂ O FROM THE STEPHAN'S QUINTET GROUP-WIDE SHOCK USING <i>HERSCHEL</i> . <i>Astrophysical Journal</i> , 2013, 777, 66. | 1.6 | 82 |
| 96 | H ₂ O emission in high- z ultra-luminous infrared galaxies. <i>Astronomy and Astrophysics</i> , 2013, 551, A115. | 2.1 | 72 |
| 97 | A STUDY ON THE CHEMICAL PROPERTIES OF BLUE COMPACT DWARF GALAXIES. <i>Astrophysical Journal</i> , 2013, 764, 44. | 1.6 | 26 |
| 98 | OUTSIDE-IN SHRINKING OF THE STAR-FORMING DISK OF DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2012, 143, 47. | 1.9 | 114 |
| 99 | The molecular gas in Luminous Infrared Galaxies: a new emergent picture. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 209-214. | 0.0 | 0 |
| 100 | The molecular gas in luminous infrared galaxies - I. CO lines, extreme physical conditions and their drivers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2601-2629. | 1.6 | 170 |
| 101 | THE MOLECULAR GAS IN LUMINOUS INFRARED GALAXIES. II. EXTREME PHYSICAL CONDITIONS AND THEIR EFFECTS ON THE X_{CO} FACTOR. <i>Astrophysical Journal</i> , 2012, 751, 10. | 1.6 | 153 |
| 102 | MOLECULAR GAS IN INFRARED ULTRALUMINOUS QSO HOSTS. <i>Astrophysical Journal</i> , 2012, 750, 92. | 1.6 | 45 |
| 103 | The global star formation law of galaxies revisited in the radio continuum. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 347-353. | 2.0 | 5 |
| 104 | Radial variations of the SFHs of dwarf irregular galaxies. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 345-348. | 0.0 | 0 |
| 105 | High resolution SMA imaging of (ultra)-luminous infrared galaxies. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 471-474. | 0.0 | 0 |
| 106 | Minimal HCN emission from molecular clouds in M33. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1977-1984. | 1.6 | 19 |
| 107 | ¹² CO, ¹³ CO and C ¹⁸ O observations along the major axes of nearby bright infrared galaxies. <i>Research in Astronomy and Astrophysics</i> , 2011, 11, 787-810. | 0.7 | 27 |
| 108 | THE STELLAR POPULATION AND STAR FORMATION PROPERTIES OF BLUE COMPACT DWARF GALAXIES. <i>Astronomical Journal</i> , 2011, 141, 68. | 1.9 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | LOCAL BENCHMARKS FOR THE EVOLUTION OF MAJOR-MERGER GALAXIES—SPITZER OBSERVATIONS OF A K-BAND SELECTED SAMPLE. <i>Astrophysical Journal</i> , 2010, 713, 330-355. | 1.6 | 33 |
| 110 | Comparative study of the relationships between CO isotopic luminosities and infrared luminosity for the Galactic dense cores. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 1169-1178. | 2.0 | 0 |
| 111 | Star formation histories within the Antennae galaxies (Arp 244). <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1839-1849. | 1.6 | 36 |
| 112 | THE RADIO CONTINUUM, FAR-INFRARED EMISSION, AND DENSE MOLECULAR GAS IN GALAXIES. <i>Astrophysical Journal</i> , 2010, 713, 524-534. | 1.6 | 14 |
| 113 | Black hole accretion and star formation as drivers of gas excitation and chemistry in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L42. | 2.1 | 247 |
| 114 | Herschel observations of water vapour in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L43. | 2.1 | 78 |
| 115 | MOLECULAR GAS IN EXTREME STAR-FORMING ENVIRONMENTS: THE STARBURSTS Arp 220 AND NGC 6240 AS CASE STUDIES. <i>Astrophysical Journal</i> , 2009, 692, 1432-1446. | 1.6 | 144 |
| 116 | Characteristics of Massive Star-forming Molecular Cores: The Spectral Observations of 12CO, 13CO and C18O and the Statistical Comparison. <i>Chinese Astronomy and Astrophysics</i> , 2009, 33, 32-47. | 0.1 | 1 |
| 117 | Starbursts near and far. <i>Nature</i> , 2008, 452, 417-419. | 13.7 | 4 |
| 118 | Gas and Dust in the Taffy Galaxies: UGC 12914/15. <i>Astronomical Journal</i> , 2007, 134, 118-134. | 1.9 | 34 |
| 119 | HCN Observations of Dense Star-forming Gas in High-Redshift Galaxies. <i>Astrophysical Journal</i> , 2007, 660, L93-L96. | 1.6 | 107 |
| 120 | HCN Observations of Submillimeter Galaxies and QSOs at High Redshift. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 403-403. | 0.0 | 0 |
| 121 | The global star formation law: from dense cores to extreme starbursts. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 331-335. | 0.0 | 0 |
| 122 | Powerful High-Velocity Dispersion Molecular Hydrogen Associated with an Intergalactic Shock Wave in Stephan's Quintet. <i>Astrophysical Journal</i> , 2006, 639, L51-L54. | 1.6 | 127 |
| 123 | Connecting Dense Gas Tracers of Star Formation in our Galaxy to High- z Star Formation. <i>Astrophysical Journal</i> , 2005, 635, L173-L176. | 1.6 | 297 |
| 124 | A Galaxy Merging Sequence Traced by X-rays. <i>Symposium - International Astronomical Union</i> , 2004, 217, 430-431. | 0.1 | 0 |
| 125 | The Star Formation Rate and Dense Molecular Gas in Galaxies. <i>Astrophysical Journal</i> , 2004, 606, 271-290. | 1.6 | 796 |
| 126 | HCN Survey of Normal Spiral, Infrared-Luminous, and Ultraluminous Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2004, 152, 63-80. | 3.0 | 399 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Star Formation Across the Taffy Bridge: UGC 12914/15. <i>Astronomical Journal</i> , 2003, 126, 2171-2184. | 1.9 | 31 |
| 128 | Nonnuclear Hyper/Ultraluminous X-Ray Sources in the Starbursting Cartwheel Ring Galaxy. <i>Astrophysical Journal</i> , 2003, 596, L171-L174. | 1.6 | 121 |
| 129 | Azimuthal and Kinematic Segregation of Neutral and Molecular Gas in Arp 118: The Yin-Yang Galaxy NGC 1144. <i>Astrophysical Journal</i> , 2003, 586, 112-122. | 1.6 | 3 |
| 130 | Mid-Infrared and CO Observations of the Infrared/X-Ray Luminous Seyfert 1 Galaxy NGC 985: The Making or Breaking of a ULIRG?. <i>Astrophysical Journal</i> , 2002, 566, 682-698. | 1.6 | 16 |
| 131 | Distorted H [CSC]i/[CSC] Gas in the Widely Separated Luminous Infrared Galaxy Arp 256. <i>Astronomical Journal</i> , 2002, 123, 720-728. | 1.9 | 6 |
| 132 | Gas Distribution and Starburst Activity in the Widely Separated Interacting Galaxy Pair NGC 6670. <i>Astronomical Journal</i> , 2001, 122, 140-162. | 1.9 | 10 |
| 133 | H I line observations of luminous infrared galaxy mergers. <i>Astronomy and Astrophysics</i> , 2001, 368, 64-73. | 2.1 | 13 |
| 134 | Molecular Gas and the Modest Star Formation Efficiency in the "Antennae" Galaxies: Arp 244=NGC 4038/9. <i>Astrophysical Journal</i> , 2001, 548, 172-189. | 1.6 | 70 |
| 135 | CO Detections of Edge-on Low Surface Brightness Galaxies. <i>Astrophysical Journal</i> , 2001, 549, L191-L194. | 1.6 | 40 |
| 136 | Nature of Widely Separated Ultraluminous Infrared Galaxies. <i>Astrophysical Journal</i> , 2001, 556, 141-149. | 1.6 | 24 |
| 137 | Mapping Infrared Enhancements in Closely Interacting Spiral-Spiral Pairs. I. ISOCAM and ISOSWS Observations. <i>Astrophysical Journal</i> , 2000, 541, 644-659. | 1.6 | 34 |
| 138 | CO in Stephan's Quintet: First Evidence of Molecular Gas in the Intragroup Starburst. <i>Astrophysical Journal</i> , 2000, 542, L83-L87. | 1.6 | 28 |
| 139 | Mid-Infrared Images of Luminous Infrared Galaxies in a Merging Sequence. <i>Astrophysical Journal</i> , 1999, 511, L17-L20. | 1.6 | 20 |
| 140 | Molecular Gas Depletion and Starbursts in Luminous Infrared Galaxy Mergers. <i>Astrophysical Journal</i> , 1999, 512, L99-L103. | 1.6 | 75 |
| 141 | Progressive Starbursts and High Velocities in the Infrared-luminous, Colliding Galaxy Arp 118. <i>Astrophysical Journal</i> , 1998, 499, L153-L157. | 1.6 | 11 |
| 142 | Molecular Gas in the Spectacular Ring Galaxy NGC 1144. <i>Astrophysical Journal</i> , 1997, 481, L35-L38. | 1.6 | 16 |
| 143 | Arp 302: Nonstarburst Luminous Infrared Galaxies. <i>Astrophysical Journal</i> , 1997, 475, L103-L106. | 1.6 | 20 |