

Ute Lisenfeld

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,799
citations

236925

25
h-index

265206

42
g-index

54
all docs

54
docs citations

54
times ranked

2057
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The CO Emission in the Taffy Galaxies (UGC 12914/15) at 60 pc Resolution. I. The Battle for Star Formation in the Turbulent Taffy Bridge. <i>Astrophysical Journal</i> , 2022, 931, 121. | 4.5 | 3 |
| 2 | ALMA resolves giant molecular clouds in a tidal dwarf galaxy. <i>Astronomy and Astrophysics</i> , 2021, 645, A97. | 5.1 | 10 |
| 3 | Are All Post-starbursts Mergers? HST Reveals Hidden Disturbances in the Majority of PSBs. <i>Astrophysical Journal</i> , 2021, 919, 134. | 4.5 | 28 |
| 4 | CO observations of major merger pairs at $z \approx 0$: molecular gas mass and star formation. <i>Astronomy and Astrophysics</i> , 2019, 627, A107. | 5.1 | 20 |
| 5 | Herschel Spectroscopy of the Taffy Galaxies (UGC 12914/12915 = VV 254): Enhanced [C ii] Emission in the Collisionally Formed Bridge. <i>Astrophysical Journal</i> , 2018, 855, 141. | 4.5 | 9 |
| 6 | The AMIGA sample of isolated galaxies. <i>Astronomy and Astrophysics</i> , 2018, 609, A17. | 5.1 | 29 |
| 7 | H I Observations of Major-merger Pairs at $z = 0$: Atomic Gas and Star Formation. <i>Astrophysical Journal</i> , Supplement Series, 2018, 237, 2. | 7.7 | 15 |
| 8 | Powerful H ₂ Line Cooling in Stephan's Quintet. II. Group-wide Gas and Shock Modeling of the Warm H ₂ and a Comparison with [C ii] 157.7 μ m Emission and Kinematics. <i>Astrophysical Journal</i> , 2017, 836, 76. | 4.5 | 37 |
| 9 | The role of molecular gas in galaxy transition in compact groups. <i>Astronomy and Astrophysics</i> , 2017, 607, A110. | 5.1 | 16 |
| 10 | HERSCHEL OBSERVATIONS OF MAJOR MERGER PAIRS AT $z \approx 0$: DUST MASS AND STAR FORMATION. <i>Astrophysical Journal</i> , Supplement Series, 2016, 222, 16. | 7.7 | 29 |
| 11 | SHOCKED POSTSTARBURST GALAXY SURVEY. II. THE MOLECULAR GAS CONTENT AND PROPERTIES OF A SUBSET OF SPOGs. <i>Astrophysical Journal</i> , 2016, 827, 106. | 4.5 | 50 |
| 12 | Testing the molecular-hydrogen Kennicutt-Schmidt law in the low-density environments of extended ultraviolet disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1807-1818. | 4.4 | 15 |
| 13 | X-RAY EMISSION FROM THE TAFFY (VV254) GALAXIES AND BRIDGE. <i>Astrophysical Journal</i> , 2015, 812, 118. | 4.5 | 11 |
| 14 | STAR FORMATION SUPPRESSION IN COMPACT GROUP GALAXIES: A NEW PATH TO QUENCHING?. <i>Astrophysical Journal</i> , 2015, 812, 117. | 4.5 | 36 |
| 15 | Gas dynamics in tidal dwarf galaxies: Disc formation at $z = 0$. <i>Astronomy and Astrophysics</i> , 2015, 584, A113. | 5.1 | 71 |
| 16 | CATCHING QUENCHING GALAXIES: THE NATURE OF THE WISE INFRARED TRANSITION ZONE. <i>Astrophysical Journal Letters</i> , 2014, 794, L13. | 8.3 | 45 |
| 17 | STRONG FAR-INFRARED COOLING LINES, PECULIAR CO KINEMATICS, AND POSSIBLE STAR-FORMATION SUPPRESSION IN HICKSON COMPACT GROUP 57. <i>Astrophysical Journal</i> , 2014, 795, 159. | 4.5 | 24 |
| 18 | ACCRETION-INHIBITED STAR FORMATION IN THE WARM MOLECULAR DISK OF THE GREEN-VALLEY ELLIPTICAL GALAXY NGC 3226?. <i>Astrophysical Journal</i> , 2014, 797, 117. | 4.5 | 13 |

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|----|--|------|-----------|
| 19 | A Herschel and CARMA view of CO and [C ii] in Hickson Compact groups. Proceedings of the International Astronomical Union, 2014, 10, 178-181. | 0.0 | 0 |
| 20 | SHOCK-ENHANCED C ⁺ EMISSION AND THE DETECTION OF H ₂ O FROM THE STEPHAN'S QUINTET GROUP-WIDE SHOCK USING HERSCHEL. Astrophysical Journal, 2013, 777, 66. | 4.5 | 82 |
| 21 | ENHANCED WARM H ₂ EMISSION IN THE COMPACT GROUP MID-INFRARED "GREEN VALLEY". Astrophysical Journal, 2013, 765, 93. | 4.5 | 49 |
| 22 | TURBULENT MOLECULAR GAS AND STAR FORMATION IN THE SHOCKED INTERGALACTIC MEDIUM OF STEPHAN'S QUINTET. Astrophysical Journal, 2012, 749, 158. | 4.5 | 58 |
| 23 | PROPERTIES OF BULGELESS DISK GALAXIES. II. STAR FORMATION AS A FUNCTION OF CIRCULAR VELOCITY. Astrophysical Journal, 2012, 751, 123. | 4.5 | 7 |
| 24 | Dust in dwarf galaxies: The case of NGC 4214. Proceedings of the International Astronomical Union, 2011, 7, 152-155. | 0.0 | 0 |
| 25 | Modeling the dust Spectral Energy Distribution of NGC 4214. Proceedings of the International Astronomical Union, 2011, 7, 156-158. | 0.0 | 1 |
| 26 | PROPERTIES OF BULGELESS DISK GALAXIES. I. ATOMIC GAS. Astrophysical Journal, Supplement Series, 2011, 194, 36. | 7.7 | 6 |
| 27 | DUST EMISSION AND STAR FORMATION IN STEPHAN'S QUINTET. Astrophysical Journal, 2010, 725, 955-984. | 4.5 | 29 |
| 28 | STAR FORMATION IN COLLISION DEBRIS: INSIGHTS FROM THE MODELING OF THEIR SPECTRAL ENERGY DISTRIBUTION. Astronomical Journal, 2010, 140, 2124-2144. | 4.7 | 41 |
| 29 | TRACING MOLECULAR GAS MASS IN EXTREME EXTRAGALACTIC ENVIRONMENTS: AN OBSERVATIONAL STUDY. Astrophysical Journal, 2009, 706, 941-959. | 4.5 | 34 |
| 30 | COLLISIONAL DEBRIS AS LABORATORIES TO STUDY STAR FORMATION. Astronomical Journal, 2009, 137, 4561-4576. | 4.7 | 41 |
| 31 | Dust properties and distribution in dwarf galaxies. Proceedings of the International Astronomical Union, 2008, 4, 260-264. | 0.0 | 2 |
| 32 | Molecular Gas and Dust in Arp 94: The Formation of a Recycled Galaxy in an Interacting System. Astrophysical Journal, 2008, 685, 181-193. | 4.5 | 19 |
| 33 | Missing Mass in Collisional Debris from Galaxies. Science, 2007, 316, 1166-1169. | 12.6 | 127 |
| 34 | On the Metallicity Dependence of the 24 μ m Luminosity as a Star Formation Tracer. Astrophysical Journal, 2007, 667, L141-L144. | 4.5 | 46 |
| 35 | The AMIGA sample of isolated galaxies. Astronomy and Astrophysics, 2007, 462, 507-523. | 5.1 | 64 |
| 36 | Molecular gas in Arp 94: Implications for intergalactic star formation. New Astronomy Reviews, 2007, 51, 63-66. | 12.8 | 1 |

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|----|---|------|-----------|
| 37 | Dependence of radio halos on underlying star formation activity and galaxy mass. <i>New Astronomy Reviews</i> , 2007, 51, 113-115. | 12.8 | 0 |
| 38 | Intergalactic star formation around NGC 5291. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 398-398. | 0.0 | 0 |
| 39 | Molecular Gas Dynamics in NGC 6946: A Bar-driven Nuclear Starburst – Caught in the Act. <i>Astrophysical Journal</i> , 2006, 649, 181-200. | 4.5 | 71 |
| 40 | A Gas and Dust Rich Giant Elliptical Galaxy. <i>Highlights of Astronomy</i> , 2005, 13, 872-874. | 0.0 | 0 |
| 41 | Multifrequency radio-continuum observations of NGC 1569: evidence for a convective wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1335-1343. | 4.4 | 24 |
| 42 | The Superwind Galaxy NGC 4666: Gravitational Interactions and the Influence of the Resulting Starburst on the Interstellar Medium. <i>Astrophysical Journal</i> , 2004, 606, 258-270. | 4.5 | 20 |
| 43 | Mass loss from galaxies: feeding the IGM, recycling in the IGM. <i>Astrophysics and Space Science</i> , 2002, 281, 347-350. | 1.4 | 4 |
| 44 | Multiepoch Multiwavelength Spectra and Models for Blazar 3C 279. <i>Astrophysical Journal</i> , 2001, 553, 683-694. | 4.5 | 126 |
| 45 | Dust in the dwarf galaxy NGC 1569: Evidence for an enhancement of small grains. <i>Astrophysics and Space Science</i> , 2001, 277, 105-105. | 1.4 | 5 |
| 46 | <title>Pointing with the IRAM 30-m telescope</title>. , 2000, 4015, 632. | | 3 |
| 47 | Dust and gas in luminous infrared galaxies – results from SCUBA observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 433-441. | 4.4 | 72 |
| 48 | Formation of molecular gas in the tidal debris of violent galaxy-galaxy interactions. <i>Nature</i> , 2000, 403, 867-869. | 27.8 | 56 |
| 49 | The Bright Gamma-Ray Burst 991208: Tight Constraints on Afterglow Models from Observations of the Early-Time Radio Evolution. <i>Astrophysical Journal</i> , 2000, 541, L45-L49. | 4.5 | 33 |
| 50 | The role of gravitational supernovae in the Galactic evolution of the Li, Be and B isotopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 299, 1007-1012. | 4.4 | 2 |
| 51 | Cosmic ray propagation and the star formation history of NGC 1961. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 30-38. | 4.4 | 4 |
| 52 | Dust-to-Gas Ratio and Metal Abundance in Dwarf Galaxies. <i>Astrophysical Journal</i> , 1998, 496, 145-154. | 4.5 | 223 |
| 53 | Constraints on cosmic ray propagation from radio continuum data of NGC 2146. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 281, 301-310. | 4.4 | 17 |
| 54 | Star formation activity in spiral galaxy disks and the properties of radio halos: Observational evidence for a direct dependence. <i>Astrophysical Journal</i> , 1995, 444, 119. | 4.5 | 71 |