

Ute Lisenfeld

List of Publications by Year in descending order

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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	Dust-to-Gas Ratio and Metal Abundance in Dwarf Galaxies. <i>Astrophysical Journal</i> , 1998, 496, 145-154.	4.5	223
2	Missing Mass in Collisional Debris from Galaxies. <i>Science</i> , 2007, 316, 1166-1169.	12.6	127
3	Multiepoch Multiwavelength Spectra and Models for Blazar 3C 279. <i>Astrophysical Journal</i> , 2001, 553, 683-694.	4.5	126
4	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.	4.5	82
5	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
6	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
7	Gas dynamics in tidal dwarf galaxies: Disc formation at $z = 0$. <i>Astronomy and Astrophysics</i> , 2015, 584, A113.	5.1	71
8	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
9	The AMIGA sample of isolated galaxies. <i>Astronomy and Astrophysics</i> , 2007, 462, 507-523.	5.1	64
10	TURBULENT MOLECULAR GAS AND STAR FORMATION IN THE SHOCKED INTERGALACTIC MEDIUM OF STEPHAN'S QUINTET. <i>Astrophysical Journal</i> , 2012, 749, 158.	4.5	58
11	Formation of molecular gas in the tidal debris of violent galaxy-galaxy interactions. <i>Nature</i> , 2000, 403, 867-869.	27.8	56
12	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
13	ENHANCED WARM H ₂ EMISSION IN THE COMPACT GROUP MID-INFRARED – GREEN VALLEY. <i>Astrophysical Journal</i> , 2013, 765, 93.	4.5	49
14	On the Metallicity Dependence of the 24 μ m Luminosity as a Star Formation Tracer. <i>Astrophysical Journal</i> , 2007, 667, L141-L144.	4.5	46
15	CATCHING QUENCHING GALAXIES: THE NATURE OF THE <i>WISE</i> INFRARED TRANSITION ZONE. <i>Astrophysical Journal Letters</i> , 2014, 794, L13.	8.3	45
16	COLLISIONAL DEBRIS AS LABORATORIES TO STUDY STAR FORMATION. <i>Astronomical Journal</i> , 2009, 137, 4561-4576.	4.7	41
17	STAR FORMATION IN COLLISION DEBRIS: INSIGHTS FROM THE MODELING OF THEIR SPECTRAL ENERGY DISTRIBUTION. <i>Astronomical Journal</i> , 2010, 140, 2124-2144.	4.7	41
18	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

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19	STAR FORMATION SUPPRESSION IN COMPACT GROUP GALAXIES: A NEW PATH TO QUENCHING?. Astrophysical Journal, 2015, 812, 117.	4.5	36
20	TRACING MOLECULAR GAS MASS IN EXTREME EXTRAGALACTIC ENVIRONMENTS: AN OBSERVATIONAL STUDY. Astrophysical Journal, 2009, 706, 941-959.	4.5	34
21	The Bright Gamma-Ray Burst 991208: Tight Constraints on Afterglow Models from Observations of the Early-Time Radio Evolution. Astrophysical Journal, 2000, 541, L45-L49.	4.5	33
22	DUST EMISSION AND STAR FORMATION IN STEPHAN'S QUINTET. Astrophysical Journal, 2010, 725, 955-984.	4.5	29
23	HERSCHEL OBSERVATIONS OF MAJOR MERGER PAIRS AT $z \approx 0$: DUST MASS AND STAR FORMATION. Astrophysical Journal, Supplement Series, 2016, 222, 16.	7.7	29
24	The AMIGA sample of isolated galaxies. Astronomy and Astrophysics, 2018, 609, A17.	5.1	29
25	Are All Post-starbursts Mergers? HST Reveals Hidden Disturbances in the Majority of PSBs. Astrophysical Journal, 2021, 919, 134.	4.5	28
26	Multifrequency radio-continuum observations of NGC 1569: evidence for a convective wind. Monthly Notices of the Royal Astronomical Society, 2004, 349, 1335-1343.	4.4	24
27	STRONG FAR-INFRARED COOLING LINES, PECULIAR CO KINEMATICS, AND POSSIBLE STAR-FORMATION SUPPRESSION IN HICKSON COMPACT GROUP 57. Astrophysical Journal, 2014, 795, 159.	4.5	24
28	CO observations of major merger pairs at $z \approx 0$: molecular gas mass and star formation. Astronomy and Astrophysics, 2019, 627, A107.	5.1	20
29	The Superwind Galaxy NGC 4666: Gravitational Interactions and the Influence of the Resulting Starburst on the Interstellar Medium. Astrophysical Journal, 2004, 606, 258-270.	4.5	20
30	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
31	Constraints on cosmic ray propagation from radio continuum data of NGC 2146. Monthly Notices of the Royal Astronomical Society, 1996, 281, 301-310.	4.4	17
32	The role of molecular gas in galaxy transition in compact groups. Astronomy and Astrophysics, 2017, 607, A110.	5.1	16
33	Testing the molecular-hydrogen Kennicutt-Schmidt law in the low-density environments of extended ultraviolet disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1807-1818.	4.4	15
34	H I Observations of Major-merger Pairs at $z \approx 0$: Atomic Gas and Star Formation. Astrophysical Journal, Supplement Series, 2018, 237, 2.	7.7	15
35	ACCRETION-INHIBITED STAR FORMATION IN THE WARM MOLECULAR DISK OF THE GREEN-VALLEY ELLIPTICAL GALAXY NGC 3226?. Astrophysical Journal, 2014, 797, 117.	4.5	13
36	X-RAY EMISSION FROM THE TAFFY (VV254) GALAXIES AND BRIDGE. Astrophysical Journal, 2015, 812, 118.	4.5	11

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37	ALMA resolves giant molecular clouds in a tidal dwarf galaxy. <i>Astronomy and Astrophysics</i> , 2021, 645, A97.	5.1	10
38	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
39	PROPERTIES OF BULGELESS DISK GALAXIES. II. STAR FORMATION AS A FUNCTION OF CIRCULAR VELOCITY. <i>Astrophysical Journal</i> , 2012, 751, 123.	4.5	7
40	PROPERTIES OF BULGELESS DISK GALAXIES. I. ATOMIC GAS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 36.	7.7	6
41	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
42	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
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	<title>Pointing with the IRAM 30-m telescope</title>. , 2000, 4015, 632.		3
45	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
46	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
47	Dust properties and distribution in dwarf galaxies. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 260-264.	0.0	2
48	Molecular gas in Arp 94: Implications for intergalactic star formation. <i>New Astronomy Reviews</i> , 2007, 51, 63-66.	12.8	1
49	Modeling the dust Spectral Energy Distribution of NGC 4214. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 156-158.	0.0	1
50	A Gas and Dust Rich Giant Elliptical Galaxy. <i>Highlights of Astronomy</i> , 2005, 13, 872-874.	0.0	0
51	Intergalactic star formation around NGC 5291. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 398-398.	0.0	0
52	Dependence of radio halos on underlying star formation activity and galaxy mass. <i>New Astronomy Reviews</i> , 2007, 51, 113-115.	12.8	0
53	Dust in dwarf galaxies: The case of NGC 4214. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 152-155.	0.0	0
54	A Herschel and CARMA view of CO and [C ii] in Hickson Compact groups. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 178-181.	0.0	0