

Adam K Leroy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

176
papers

14,364
citations

58
h-index

117
g-index

185
ext. papers

16,859
ext. citations

5.6
avg, IF

6.31
L-index

#	Paper	IF	Citations
176	The PHANGS-HST Survey: Physics at High Angular Resolution in Nearby Galaxies with the Hubble Space Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 258, 10	8	7
175	Molecular Gas Properties and CO-to-H ₂ Conversion Factors in the Central Kiloparsec of NGC 3351. <i>Astrophysical Journal</i> , 2022 , 925, 72	4.7	1
174	The GasStar Formation Cycle in Nearby Star-forming Galaxies. II. Resolved Distributions of CO and H ₂ Emission for 49 PHANGS Galaxies. <i>Astrophysical Journal</i> , 2022 , 927, 9	4.7	0
173	Low-J CO Line Ratios from Single-dish CO Mapping Surveys and PHANGS-ALMA. <i>Astrophysical Journal</i> , 2022 , 927, 149	4.7	3
172	ALMA Imaging of a Galactic Molecular Outflow in NGC 4945. <i>Astrophysical Journal</i> , 2021 , 923, 83	4.7	4
171	PHANGS-ALMA: Arcsecond CO(2-1) Imaging of Nearby Star-forming Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 257, 43	8	31
170	Comparing the pre-SNe feedback and environmental pressures for 6000 H II regions across 19 nearby spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 5362-5389	4.3	5
169	CO Excitation, Molecular Gas Density, and Interstellar Radiation Field in Local and High-redshift Galaxies. <i>Astrophysical Journal</i> , 2021 , 909, 56	4.7	6
168	On the duration of the embedded phase of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 487-509	4.3	19
167	New constraints on the 12CO(2-1)/(1-0) line ratio across nearby disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 3221-3245	4.3	19
166	Applying the Tremaine-Weinberg Method to Nearby Galaxies: Stellar-mass-based Pattern Speeds and Comparisons with ISM Kinematics. <i>Astronomical Journal</i> , 2021 , 161, 185	4.9	6
165	A lack of constraints on the cold opaque H I mass: H I spectra in M31 and M33 prefer multicomponent models over a single cold opaque component. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 1801-1824	4.3	3
164	Outflows from Super Star Clusters in the Central Starburst of NGC 253. <i>Astrophysical Journal</i> , 2021 , 912, 4	4.7	8
163	Benchmarking Dust Emission Models in M101. <i>Astrophysical Journal</i> , 2021 , 912, 103	4.7	2
162	Star formation scaling relations at ~100 pc from PHANGS: Impact of completeness and spatial scale. <i>Astronomy and Astrophysics</i> , 2021 , 650, A134	5.1	14
161	The Organization of Cloud-scale Gas Density Structure: High-resolution CO versus 3.6 μ m Brightness Contrasts in Nearby Galaxies. <i>Astrophysical Journal</i> , 2021 , 913, 113	4.7	4
160	Dense molecular gas properties on 100 pc scales across the disc of NGC 3627. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 963-988	4.3	8

159	NOEMA High-fidelity Imaging of the Molecular Gas in and around M82. <i>Astrophysical Journal Letters</i> , 2021 , 915, L3	7.9	4
158	PHANGS-ALMA Data Processing and Pipeline. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 255, 19	8	23
157	Frequency and nature of central molecular outflows in nearby star-forming disk galaxies. <i>Astronomy and Astrophysics</i> , 2021 , 653, A172	5.1	3
156	Clustered Star Formation in the Center of NGC 253 Contributes to Driving the Ionized Nuclear Wind. <i>Astrophysical Journal</i> , 2021 , 919, 105	4.7	2
155	Resolving the Dust-to-Metals Ratio and CO-to-H ₂ Conversion Factor in the Nearby Universe. <i>Astrophysical Journal</i> , 2021 , 907, 29	4.7	4
154	PHANGS-HIST: star cluster spectral energy distribution fitting with cigale. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 1366-1385	4.3	10
153	Giant molecular cloud catalogues for PHANGS-ALMA: methods and initial results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 1218-1245	4.3	20
152	Local Environments of Low-redshift Supernovae. <i>Astrophysical Journal</i> , 2021 , 923, 86	4.7	1
151	A Model for the Onset of Self-gravitation and Star Formation in Molecular Gas Governed by Galactic Forces. II. The Bottleneck to Collapse Set by Cloud Environment Decoupling. <i>Astrophysical Journal</i> , 2020 , 892, 73	4.7	15
150	Spatial power spectra of dust across the Local Group: No constraint on disc scale height. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 2663-2682	4.3	5
149	The headlight cloud in NGC 628: An extreme giant molecular cloud in a typical galaxy disk. <i>Astronomy and Astrophysics</i> , 2020 , 634, A121	5.1	23
148	Ubiquitous velocity fluctuations throughout the molecular interstellar medium. <i>Nature Astronomy</i> , 2020 , 4, 1064-1071	12.1	16
147	Detection of the Diffuse H i Emission in the Circumgalactic Medium of NGC 891 and NGC 4565. <i>Astrophysical Journal</i> , 2020 , 898, 15	4.7	8
146	PHANGS CO Kinematics: Disk Orientations and Rotation Curves at 150 pc Resolution. <i>Astrophysical Journal</i> , 2020 , 897, 122	4.7	33
145	The Molecular Interstellar Medium in the Super Star Clusters of the Starburst NGC 253. <i>Astrophysical Journal</i> , 2020 , 897, 176	4.7	8
144	The Turbulent Gas Structure in the Centers of NGC 253 and the Milky Way. <i>Astrophysical Journal</i> , 2020 , 899, 158	4.7	5
143	SOFIA/FIFI-LS Full-disk [C ii] Mapping and CO-dark Molecular Gas across the Nearby Spiral Galaxy NGC 6946. <i>Astrophysical Journal</i> , 2020 , 903, 30	4.7	9
142	Super Star Clusters in the Central Starburst of NGC 4945. <i>Astrophysical Journal</i> , 2020 , 903, 50	4.7	10

141	Molecular Gas Properties on Cloud Scales across the Local Star-forming Galaxy Population. <i>Astrophysical Journal Letters</i> , 2020 , 901, L8	7.9	37
140	The lifecycle of molecular clouds in nearby star-forming disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 2872-2909	4.3	105
139	Measuring the mixing scale of the ISM within nearby spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 193-209	4.3	24
138	Distances to PHANGS Galaxies: New Tip of the Red Giant Branch Measurements and Adopted Distances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 ,	4.3	37
137	The evolution of neutral hydrogen over the past 11 Gyr via H I 21 cm absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 883-898	4.3	8
136	Modeling Dust and Starlight in Galaxies Observed by Spitzer and Herschel: The KINGFISH Sample. <i>Astrophysical Journal</i> , 2020 , 889, 150	4.7	25
135	Pa β /H β and Attenuation in NGC 5194 and NGC 6946. <i>Astrophysical Journal</i> , 2020 , 892, 23	4.7	3
134	Dynamical Equilibrium in the Molecular ISM in 28 Nearby Star-forming Galaxies. <i>Astrophysical Journal</i> , 2020 , 892, 148	4.7	51
133	A $z = 0$ Multiwavelength Galaxy Synthesis. I. A WISE and GALEX Atlas of Local Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 244, 24	8	66
132	Calibrating Star Formation Rate Prescriptions at Different Scales (10 pc \leq kpc) in M31. <i>Astrophysical Journal</i> , 2019 , 873, 3	4.7	11
131	The Polycyclic Aromatic Hydrocarbon Mass Fraction on a 10 pc Scale in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2019 , 876, 62	4.7	16
130	The spatial relation between young star clusters and molecular clouds in M51 with LEGUS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 4707-4723	4.3	39
129	The Resolved Distributions of Dust Mass and Temperature in Local Group Galaxies. <i>Astrophysical Journal</i> , 2019 , 874, 141	4.7	17
128	Dense gas is not enough: environmental variations in the star formation efficiency of dense molecular gas at 100 pc scales in M 51. <i>Astronomy and Astrophysics</i> , 2019 , 625, A19	5.1	32
127	Relationship between the line width of the atomic and molecular ISM in M33. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 2324-2342	4.3	9
126	EMPIRE: The IRAM 30 m Dense Gas Survey of Nearby Galaxies. <i>Astrophysical Journal</i> , 2019 , 880, 127	4.7	39
125	How Galactic Environment Affects the Dynamical State of Molecular Clouds and Their Star Formation Efficiency. <i>Astrophysical Journal</i> , 2019 , 883, 2	4.7	44
124	Mapping Metallicity Variations across Nearby Galaxy Disks. <i>Astrophysical Journal</i> , 2019 , 887, 80	4.7	55

123	The Molecular Outflow in NGC 253 at a Resolution of Two Parsecs. <i>Astrophysical Journal</i> , 2019 , 881, 43	4.7	27
122	A Search for Intrinsic H i 21 cm and OH 18 cm Absorption toward Compact Radio Sources. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 245, 3	8	17
121	The Gas Star Formation Cycle in Nearby Star-forming Galaxies. I. Assessment of Multi-scale Variations. <i>Astrophysical Journal</i> , 2019 , 887, 49	4.7	35
120	The parsec-scale relationship between ICO and AV in local molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 4672-4708	4.3	12
119	Fast, Collimated Outflow in the Western Nucleus of Arp 220. <i>Astrophysical Journal Letters</i> , 2018 , 853, L28	7.9	34
118	Full-disc 13CO(10) mapping across nearby galaxies of the EMPIRE survey and the CO-to-H2 conversion factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 3909-3933	4.3	37
117	A Model for the Onset of Self-gravitation and Star Formation in Molecular Gas Governed by Galactic Forces. I. Cloud-scale Gas Motions. <i>Astrophysical Journal</i> , 2018 , 854, 100	4.7	41
116	The EDGEALIFA survey: the influence of galactic rotation on the molecular depletion time across the Hubble sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 1791-1808	4.3	36
115	Star Formation Efficiency per Free-fall Time in nearby Galaxies. <i>Astrophysical Journal Letters</i> , 2018 , 861, L18	7.9	65
114	A 50 pc Scale View of Star Formation Efficiency across NGC 628. <i>Astrophysical Journal Letters</i> , 2018 , 863, L21	7.9	54
113	H i Kinematics along the Minor Axis of M82. <i>Astrophysical Journal</i> , 2018 , 856, 61	4.7	24
112	Detection of an OH 1665 MHz Maser in M33. <i>Research Notes of the AAS</i> , 2018 , 2, 24	0.8	1
111	Radio-line Broadening from a Spectral Response Function. <i>Research Notes of the AAS</i> , 2018 , 2, 220	0.8	9
110	Resolved Star Formation Efficiency in the Antennae Galaxies. <i>Astrophysical Journal</i> , 2018 , 862, 147	4.7	11
109	A High-resolution Mosaic of the Neutral Hydrogen in the M81 Triplet. <i>Astrophysical Journal</i> , 2018 , 865, 26	4.7	28
108	Dense Molecular Gas in the Nearby Low-metallicity Dwarf Starburst Galaxy IC 10. <i>Astrophysical Journal</i> , 2018 , 862, 120	4.7	8
107	Forming Super Star Clusters in the Central Starburst of NGC 253. <i>Astrophysical Journal</i> , 2018 , 869, 126	4.7	46
106	The Spatially Resolved Dust-to-metals Ratio in M101. <i>Astrophysical Journal</i> , 2018 , 865, 117	4.7	25

105	Spatially Resolved 12CO(2 \uparrow)/12CO(1 \uparrow) in the Starburst Galaxy NGC 253: Assessing Optical Depth to Constrain the Molecular Mass Outflow Rate. <i>Astrophysical Journal</i> , 2018 , 867, 111	4.7	17
104	Do Spectroscopic Dense Gas Fractions Track Molecular Cloud Surface Densities?. <i>Astrophysical Journal Letters</i> , 2018 , 868, L38	7.9	18
103	Kinematics of the atomic ISM in M33 on 80 pc scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 2505-2533	4.3	22
102	Cloud-scale Molecular Gas Properties in 15 Nearby Galaxies. <i>Astrophysical Journal</i> , 2018 , 860, 172	4.7	128
101	Dense Gas, Dynamical Equilibrium Pressure, and Star Formation in Nearby Star-forming Galaxies. <i>Astrophysical Journal</i> , 2018 , 858, 90	4.7	52
100	13 CO/C 18 O Gradients across the Disks of Nearby Spiral Galaxies. <i>Astrophysical Journal Letters</i> , 2017 , 836, L29	7.9	28
99	Physical Properties of Molecular Clouds at 2 pc Resolution in the Low-metallicity Dwarf Galaxy NGC 6822 and the Milky Way. <i>Astrophysical Journal</i> , 2017 , 835, 278	4.7	50
98	The PdBI Arcsecond Whirlpool Survey (PAWS): The Role of Spiral Arms in Cloud and Star Formation. <i>Astrophysical Journal</i> , 2017 , 836, 62	4.7	38
97	Attenuation Modified by DIG and Dust as Seen in M31. <i>Astrophysical Journal</i> , 2017 , 844, 155	4.7	9
96	Millimeter-wave Line Ratios and Sub-beam Volume Density Distributions. <i>Astrophysical Journal</i> , 2017 , 835, 217	4.7	43
95	Dense Molecular Gas Tracers in the Outflow of the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2017 , 835, 265	4.7	63
94	A 33 GHz Survey of Local Major Mergers: Estimating the Sizes of the Energetically Dominant Regions from High-resolution Measurements of the Radio Continuum. <i>Astrophysical Journal</i> , 2017 , 843, 117	4.7	28
93	Optical depth estimates and effective critical densities of dense gas tracers in the inner parts of nearby galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 49-62	4.3	30
92	Cloud-scale ISM Structure and Star Formation in M51. <i>Astrophysical Journal</i> , 2017 , 846, 71	4.7	87
91	The EDGE-CALIFA Survey: Interferometric Observations of 126 Galaxies with CARMA. <i>Astrophysical Journal</i> , 2017 , 846, 159	4.7	84
90	The EDGE-CALIFA Survey: Variations in the Molecular Gas Depletion Time in Local Galaxies. <i>Astrophysical Journal</i> , 2017 , 849, 26	4.7	48
89	CARMA Survey toward Infrared-bright Nearby Galaxies (STING). IV. Spatially Resolved 13CO in Spiral Galaxies. <i>Astrophysical Journal</i> , 2017 , 847, 33	4.7	7
88	THE MOLECULAR CLOUDS FUELING A 1/5 SOLAR METALLICITY STARBURST. <i>Astrophysical Journal</i> , 2016 , 828, 50	4.7	15

87	THE RESOLVE SURVEY ATOMIC GAS CENSUS AND ENVIRONMENTAL INFLUENCES ON GALAXY GAS RESERVOIRS. <i>Astrophysical Journal</i> , 2016 , 832, 126	4.7	25
86	H I AND CO VELOCITY DISPERSIONS IN NEARBY GALAXIES. <i>Astronomical Journal</i> , 2016 , 151, 15	4.9	50
85	THE RELATIONSHIP BETWEEN MOLECULAR GAS, H i, AND STAR FORMATION IN THE LOW-MASS, LOW-METALLICITY MAGELLANIC CLOUDS. <i>Astrophysical Journal</i> , 2016 , 825, 12	4.7	51
84	AGN feedback in the nucleus of M 51. <i>Astronomy and Astrophysics</i> , 2016 , 593, A118	5.1	25
83	THE EMPIRE SURVEY: SYSTEMATIC VARIATIONS IN THE DENSE GAS FRACTION AND STAR FORMATION EFFICIENCY FROM FULL-DISK MAPPING OF M51. <i>Astrophysical Journal Letters</i> , 2016 , 822, L26	7.9	78
82	Gravitational torques imply molecular gas inflow towards the nucleus of M 51. <i>Astronomy and Astrophysics</i> , 2016 , 588, A33	5.1	28
81	A PORTRAIT OF COLD GAS IN GALAXIES AT 60 pc RESOLUTION AND A SIMPLE METHOD TO TEST HYPOTHESES THAT LINK SMALL-SCALE ISM STRUCTURE TO GALAXY-SCALE PROCESSES. <i>Astrophysical Journal</i> , 2016 , 831, 16	4.7	75
80	HIGH-RESOLUTION RADIO CONTINUUM MEASUREMENTS OF THE NUCLEAR DISKS OF Arp 220. <i>Astrophysical Journal</i> , 2015 , 799, 10	4.7	55
79	SPATIALLY EXTENDED AND HIGH-VELOCITY DISPERSION MOLECULAR COMPONENT IN SPIRAL GALAXIES: SINGLE-DISH VERSUS INTERFEROMETRIC OBSERVATIONS. <i>Astronomical Journal</i> , 2015 , 149, 76	4.9	22
78	DUST CONTINUUM EMISSION AS A TRACER OF GAS MASS IN GALAXIES. <i>Astrophysical Journal</i> , 2015 , 799, 96	4.7	73
77	ALMA MULTI-LINE IMAGING OF THE NEARBY STARBURST NGC 253. <i>Astrophysical Journal</i> , 2015 , 801, 63	4.7	84
76	SHORT GMC LIFETIMES: AN OBSERVATIONAL ESTIMATE WITH THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS). <i>Astrophysical Journal</i> , 2015 , 806, 72	4.7	60
75	The relationship between CO emission and visual extinction traced by dust emission in the Magellanic Clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 2708-2726	4.3	20
74	SCALING RELATIONS OF THE PROPERTIES FOR CO RESOLVED STRUCTURES IN NEARBY SPIRAL GALAXIES. <i>Astrophysical Journal</i> , 2015 , 808, 99	4.7	25
73	THE PHYSICAL CONDITIONS IN A PRE-SUPER STAR CLUSTER MOLECULAR CLOUD IN THE ANTENNAE GALAXIES. <i>Astrophysical Journal</i> , 2015 , 806, 35	4.7	52
72	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. XI. THE SPATIALLY RESOLVED RECENT STAR FORMATION HISTORY OF M31. <i>Astrophysical Journal</i> , 2015 , 805, 183	4.7	69
71	HIGH-RESOLUTION IMAGING OF PHIBSSz~ 2 MAIN-SEQUENCE GALAXIES IN COJ= 1 -l0. <i>Astrophysical Journal</i> , 2015 , 809, 175	4.7	34
70	MICROWAVE CONTINUUM EMISSION AND DENSE GAS TRACERS IN NGC 3627: COMBINING JANSKY VLA AND ALMA OBSERVATIONS. <i>Astrophysical Journal</i> , 2015 , 813, 118	4.7	12

69	FAINT CO LINE WINGS IN FOUR STAR-FORMING (ULTRA)LUMINOUS INFRARED GALAXIES. <i>Astrophysical Journal</i> , 2015 , 811, 15	4.7	6
68	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. VIII. A WIDE-AREA, HIGH-RESOLUTION MAP OF DUST EXTINCTION IN M31. <i>Astrophysical Journal</i> , 2015 , 814, 3	4.7	56
67	Giant Molecular Cloud Populations in Nearby Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2015 , 11, 30-37	0.1	1
66	THE MULTI-PHASE COLD FOUNTAIN IN M82 REVEALED BY A WIDE, SENSITIVE MAP OF THE MOLECULAR INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2015 , 814, 83	4.7	105
65	DENSE GAS FRACTION AND STAR FORMATION EFFICIENCY VARIATIONS IN THE ANTENNAE GALAXIES. <i>Astrophysical Journal</i> , 2015 , 815, 103	4.7	28
64	VARIATIONS IN THE STAR FORMATION EFFICIENCY OF THE DENSE MOLECULAR GAS ACROSS THE DISKS OF STAR-FORMING GALAXIES. <i>Astronomical Journal</i> , 2015 , 150, 115	4.9	111
63	ALMA REVEALS THE MOLECULAR MEDIUM FUELING THE NEAREST NUCLEAR STARBURST. <i>Astrophysical Journal</i> , 2015 , 801, 25	4.7	123
62	[C II] 158 μ m EMISSION AS A STAR FORMATION TRACER. <i>Astrophysical Journal</i> , 2015 , 800, 1	4.7	130
61	The rarity of dust in metal-poor galaxies. <i>Nature</i> , 2014 , 505, 186-9	50.4	66
60	THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS): ENVIRONMENTAL DEPENDENCE OF GIANT MOLECULAR CLOUD PROPERTIES IN M51. <i>Astrophysical Journal</i> , 2014 , 784, 3	4.7	159
59	A TEST OF STAR FORMATION LAWS IN DISK GALAXIES. II. DEPENDENCE ON DYNAMICAL PROPERTIES. <i>Astrophysical Journal</i> , 2014 , 787, 68	4.7	21
58	ALMA OBSERVATIONS OF THE ANTENNAE GALAXIES. I. A NEW WINDOW ON A PROTOTYPICAL MERGER. <i>Astrophysical Journal</i> , 2014 , 795, 156	4.7	71
57	ANDROMEDA'S DUST. <i>Astrophysical Journal</i> , 2014 , 780, 172	4.7	171
56	THE GREEN BANK TELESCOPE MAPS THE DENSE, STAR-FORMING GAS IN THE NEARBY STARBURST GALAXY M82. <i>Astrophysical Journal Letters</i> , 2014 , 780, L13	7.9	30
55	THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS): MULTI-PHASE COLD GAS KINEMATIC OF M51. <i>Astrophysical Journal</i> , 2014 , 784, 4	4.7	55
54	Suppression of star formation in the galaxy NGC 253 by a starburst-driven molecular wind. <i>Nature</i> , 2013 , 499, 450-3	50.4	174
53	A COMPARATIVE STUDY OF GIANT MOLECULAR CLOUDS IN M51, M33, AND THE LARGE MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2013 , 779, 46	4.7	121
52	The CO-to-H ₂ Conversion Factor. <i>Annual Review of Astronomy and Astrophysics</i> , 2013 , 51, 207-268	31.7	1160

51	PROBABILITY DISTRIBUTION FUNCTIONS OF $^{12}\text{CO}(J=1-0)$ BRIGHTNESS AND INTEGRATED INTENSITY IN M51: THE PAWS VIEW. <i>Astrophysical Journal</i> , 2013 , 779, 44	4-7	58
50	THE PLATEAU DE BURE + 30 m ARCSECOND WHIRLPOOL SURVEY REVEALS A THICK DISK OF DIFFUSE MOLECULAR GAS IN THE M51 GALAXY. <i>Astrophysical Journal</i> , 2013 , 779, 43	4-7	114
49	GAS KINEMATICS ON GIANT MOLECULAR CLOUD SCALES IN M51 WITH PAWS: CLOUD STABILIZATION THROUGH DYNAMICAL PRESSURE. <i>Astrophysical Journal</i> , 2013 , 779, 45	4-7	123
48	ALMA RESOLVES 30 DORADUS: SUB-PARSEC MOLECULAR CLOUD STRUCTURE NEAR THE CLOSEST SUPER STAR CLUSTER. <i>Astrophysical Journal</i> , 2013 , 774, 73	4-7	58
47	A HIGH-DISPERSION MOLECULAR GAS COMPONENT IN NEARBY GALAXIES. <i>Astronomical Journal</i> , 2013 , 146, 150	4-9	78
46	THE CO-TO-H ₂ CONVERSION FACTOR AND DUST-TO-GAS RATIO ON KILOPARSEC SCALES IN NEARBY GALAXIES. <i>Astrophysical Journal</i> , 2013 , 777, 5	4-7	347
45	MOLECULAR GAS AND STAR FORMATION IN NEARBY DISK GALAXIES. <i>Astronomical Journal</i> , 2013 , 146, 19	4-9	420
44	THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS). I. A CLOUD-SCALE/MULTI-WAVELENGTH VIEW OF THE INTERSTELLAR MEDIUM IN A GRAND-DESIGN SPIRAL GALAXY. <i>Astrophysical Journal</i> , 2013 , 779, 42	4-7	165
43	CLUMPING AND THE INTERPRETATION OF kpc-SCALE MAPS OF THE INTERSTELLAR MEDIUM: SMOOTH H I AND CLUMPY, VARIABLE H ₂ SURFACE DENSITY. <i>Astrophysical Journal Letters</i> , 2013 , 769, L12	7-9	33
42	CARMA SURVEY TOWARD INFRARED-BRIGHT NEARBY GALAXIES (STING). III. THE DEPENDENCE OF ATOMIC AND MOLECULAR GAS SURFACE DENSITIES ON GALAXY PROPERTIES. <i>Astrophysical Journal Letters</i> , 2013 , 777, L4	7-9	34
41	SHOCK EXCITED MOLECULES IN NGC 1266: ULIRG CONDITIONS AT THE CENTER OF A BULGE-DOMINATED GALAXY. <i>Astrophysical Journal Letters</i> , 2013 , 779, L19	7-9	36
40	THE VIRUS-P EXPLORATION OF NEARBY GALAXIES (VENGA): THE X-CO GRADIENT IN NGC 628. <i>Astrophysical Journal</i> , 2013 , 764, 117	4-7	30
39	THE FUELING DIAGRAM: LINKING GALAXY MOLECULAR-TO-ATOMIC GAS RATIOS TO INTERACTIONS AND ACCRETION. <i>Astrophysical Journal</i> , 2013 , 769, 82	4-7	29
38	The heating of dust by old stellar populations in the bulge of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 892-902	4-3	92
37	HERSCHEL FAR-INFRARED AND SUBMILLIMETER PHOTOMETRY FOR THE KINGFISH SAMPLE OF NEARBY GALAXIES. <i>Astrophysical Journal</i> , 2012 , 745, 95	4-7	191
36	LOW CO LUMINOSITIES IN DWARF GALAXIES. <i>Astronomical Journal</i> , 2012 , 143, 138	4-9	161
35	ESTIMATING THE STAR FORMATION RATE AT 1 kpc SCALES IN NEARBY GALAXIES. <i>Astronomical Journal</i> , 2012 , 144, 3	4-9	133
34	DUST-TO-GAS RATIO IN THE EXTREMELY METAL-POOR GALAXY I Zw 18. <i>Astrophysical Journal</i> , 2012 , 752, 112	4-7	34

33	CARMA SURVEY TOWARD INFRARED-BRIGHT NEARBY GALAXIES (STING). II. MOLECULAR GAS STAR FORMATION LAW AND DEPLETION TIME ACROSS THE BLUE SEQUENCE. <i>Astrophysical Journal</i> , 2012 , 745, 183	4.7	70
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