Adam K Leroy

List of Publications by Citations

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 STAR FORMATION EFFICIENCY IN NEARBY GALAXIES: MEASURING WHERE GAS FORMS STARS EFFECTIVELY. *Astronomical Journal*, **2008**, 136, 2782-2845	4.9	1263
175	The CO-to-H2Conversion Factor. *Annual Review of Astronomy and Astrophysics*, **2013**, 51, 207-268	31.7	1160
174	THINGS: THE H I NEARBY GALAXY SURVEY. *Astronomical Journal*, **2008**, 136, 2563-2647	4.9	900
173	HERACLES: THE HERA CO LINE EXTRAGALACTIC SURVEY. *Astronomical Journal*, **2009**, 137, 4670-4696	4.9	425
172	MOLECULAR GAS AND STAR FORMATION IN NEARBY DISK GALAXIES. *Astronomical Journal*, **2013**, 146, 19	4.9	420
171	THE CO-TO-H2CONVERSION FACTOR FROM INFRARED DUST EMISSION ACROSS THE LOCAL GROUP. *Astrophysical Journal*, **2011**, 737, 12	4.7	394
170	A MOLECULAR STAR FORMATION LAW IN THE ATOMIC-GAS-DOMINATED REGIME IN NEARBY GALAXIES. *Astronomical Journal*, **2011**, 142, 37	4.9	382
169	The Resolved Properties of Extragalactic Giant Molecular Clouds. *Astrophysical Journal*, **2008**, 686, 948-965	4.7	369
168	THE CO-TO-H2CONVERSION FACTOR AND DUST-TO-GAS RATIO ON KILOPARSEC SCALES IN NEARBY GALAXIES. *Astrophysical Journal*, **2013**, 777, 5	4.7	347
167	KINGFISHKey Insights on Nearby Galaxies: A Far-Infrared Survey withHerschel: Survey Description and Image Atlas1. *Publications of the Astronomical Society of the Pacific*, **2011**, 123, 1347-1369	5	302
166	A CONSTANT MOLECULAR GAS DEPLETION TIME IN NEARBY DISK GALAXIES. *Astrophysical Journal Letters*, **2011**, 730, L13	7.9	275
165	REGULATION OF STAR FORMATION RATES IN MULTIPHASE GALACTIC DISKS: A THERMAL/DYNAMICAL EQUILIBRIUM MODEL. *Astrophysical Journal*, **2010**, 721, 975-994	4.7	254
164	WHAT IS DRIVING THE H I VELOCITY DISPERSION?. *Astronomical Journal*, **2009**, 137, 4424-4435	4.9	228
163	Bias-free Measurement of Giant Molecular Cloud Properties. *Publications of the Astronomical Society of the Pacific*, **2006**, 118, 590-610	5	205
162	HERSCHELFAR-INFRARED AND SUBMILLIMETER PHOTOMETRY FOR THE KINGFISH SAMPLE OF NEARBY GALAXIES. *Astrophysical Journal*, **2012**, 745, 95	4.7	191
161	Suppression of star formation in the galaxy NGC 253 by a starburst-driven molecular wind. *Nature*, **2013**, 499, 450-3	50.4	174
160	ANDROMEDAS DUST. *Astrophysical Journal*, **2014**, 780, 172	4.7	171

159	THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS). I. A CLOUD-SCALE/MULTI-WAVELENGTH VIEW OF THE INTERSTELLAR MEDIUM IN A GRAND-DESIGN SPIRAL GALAXY. *Astrophysical Journal*, **2013**, 779, 42	4.7	165
158	TheSpitzerSurvey of the Small Magellanic Cloud: S3MC Imaging and Photometry in the Mid- and Far-Infrared Wave Bands. *Astrophysical Journal*, **2007**, 655, 212-232	4.7	165
157	TheSpitzerSurvey of the Small Magellanic Cloud: Far-Infrared Emission and Cold Gas in the Small Magellanic Cloud. *Astrophysical Journal*, **2007**, 658, 1027-1046	4.7	162
156	THE STATE OF THE GAS AND THE RELATION BETWEEN GAS AND STAR FORMATION AT LOW METALLICITY: THE SMALL MAGELLANIC CLOUD. *Astrophysical Journal*, **2011**, 741, 12	4.7	161
155	LOW CO LUMINOSITIES IN DWARF GALAXIES. *Astronomical Journal*, **2012**, 143, 138	4.9	161
154	THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS): ENVIRONMENTAL DEPENDENCE OF GIANT MOLECULAR CLOUD PROPERTIES IN M51. *Astrophysical Journal*, **2014**, 784, 3	4.7	159
153	THE SCALE DEPENDENCE OF THE MOLECULAR GAS DEPLETION TIME IN M33. *Astrophysical Journal* , **2010**, 722, 1699-1706	4.7	158
152	ESTIMATING THE STAR FORMATION RATE AT 1 kpc SCALES IN NEARBY GALAXIES. *Astronomical Journal*, **2012**, 144, 3	4.9	133
151	[C II] 158 μm EMISSION AS A STAR FORMATION TRACER. *Astrophysical Journal*, **2015**, 800, 1	4.7	130
150	WHICH PHASE OF THE INTERSTELLAR MEDIUM CORRELATES WITH THE STAR FORMATION RATE?. *Astrophysical Journal*, **2011**, 731, 25	4.7	129
149	Cloud-scale Molecular Gas Properties in 15 Nearby Galaxies. *Astrophysical Journal*, **2018**, 860, 172	4.7	128
148	High-Resolution Measurements of the Dark Matter Halo of NGC 2976: Evidence for a Shallow Density Profile. *Astrophysical Journal*, **2003**, 596, 957-981	4.7	125
147	ALMA REVEALS THE MOLECULAR MEDIUM FUELING THE NEAREST NUCLEAR STARBURST. *Astrophysical Journal*, **2015**, 801, 25	4.7	123
146	GAS KINEMATICS ON GIANT MOLECULAR CLOUD SCALES IN M51 WITH PAWS: CLOUD STABILIZATION THROUGH DYNAMICAL PRESSURE. *Astrophysical Journal*, **2013**, 779, 45	4.7	123
145	A COMPARATIVE STUDY OF GIANT MOLECULAR CLOUDS IN M51, M33, AND THE LARGE MAGELLANIC CLOUD. *Astrophysical Journal*, **2013**, 779, 46	4.7	121
144	THE PLATEAU DE BURE + 30 m ARCSECOND WHIRLPOOL SURVEY REVEALS A THICK DISK OF DIFFUSE MOLECULAR GAS IN THE M51 GALAXY. *Astrophysical Journal*, **2013**, 779, 43	4.7	114
143	VARIATIONS IN THE STAR FORMATION EFFICIENCY OF THE DENSE MOLECULAR GAS ACROSS THE DISKS OF STAR-FORMING GALAXIES. *Astronomical Journal*, **2015**, 150, 115	4.9	111
142	THE MULTI-PHASE COLD FOUNTAIN IN M82 REVEALED BY A WIDE, SENSITIVE MAP OF THE MOLECULAR INTERSTELLAR MEDIUM. *Astrophysical Journal*, **2015**, 814, 83	4.7	105

141	The lifecycle of molecular clouds in nearby star-forming disc galaxies. *Monthly Notices of the Royal Astronomical Society*, **2020**, 493, 2872-2909	4.3	105
140	MODELING DUST AND STARLIGHT IN GALAXIES OBSERVED BYSPITZERANDHERSCHEL: NGC 628 AND NGC 6946. *Astrophysical Journal*, **2012**, 756, 138	4.7	102
139	THE FINE-SCALE STRUCTURE OF THE NEUTRAL INTERSTELLAR MEDIUM IN NEARBY GALAXIES. *Astronomical Journal*, **2011**, 141, 23	4.9	98
138	The heating of dust by old stellar populations in the bulge of M31. *Monthly Notices of the Royal Astronomical Society*, **2012**, 426, 892-902	4.3	92
137	Cloud-scale ISM Structure and Star Formation in M51. *Astrophysical Journal*, **2017**, 846, 71	4.7	87
136	THE STRUCTURE OF A LOW-METALLICITY GIANT MOLECULAR CLOUD COMPLEX. *Astrophysical Journal*, **2009**, 702, 352-367	4.7	85
135	ALMA MULTI-LINE IMAGING OF THE NEARBY STARBURST NGC 253. *Astrophysical Journal*, **2015**, 801, 63	4.7	84
134	The EDGE-CALIFA Survey: Interferometric Observations of 126 Galaxies with CARMA. *Astrophysical Journal*, **2017**, 846, 159	4.7	84
133	A HIGH-DISPERSION MOLECULAR GAS COMPONENT IN NEARBY GALAXIES. *Astronomical Journal*, **2013**, 146, 150	4.9	78
132	THE EMPIRE SURVEY: SYSTEMATIC VARIATIONS IN THE DENSE GAS FRACTION AND STAR FORMATION EFFICIENCY FROM FULL-DISK MAPPING OF M51. *Astrophysical Journal Letters*, **2016**, 822, L26	7.9	78
131	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. *Astrophysical Journal*, **2016**, 831, 16	4.7	75
130	DUST CONTINUUM EMISSION AS A TRACER OF GAS MASS IN GALAXIES. *Astrophysical Journal*, **2015** , 799, 96	4.7	73
129	ALMA OBSERVATIONS OF THE ANTENNAE GALAXIES. I. A NEW WINDOW ON A PROTOTYPICAL MERGER. *Astrophysical Journal*, **2014**, 795, 156	4.7	71
128	CARMA SURVEY TOWARD INFRARED-BRIGHT NEARBY GALAXIES (STING). II. MOLECULAR GAS STAR FORMATION LAW AND DEPLETION TIME ACROSS THE BLUE SEQUENCE. *Astrophysical Journal*, **2012**, 745, 183	4.7	70
127	THE PANCHROMATICHUBBLEANDROMEDA TREASURY. XI. THE SPATIALLY RESOLVED RECENT STAR FORMATION HISTORY OF M31. *Astrophysical Journal*, **2015**, 805, 183	4.7	69
126	A z = 0 Multiwavelength Galaxy Synthesis. I. A WISE and GALEX Atlas of Local Galaxies. *Astrophysical Journal, Supplement Series*, **2019**, 244, 24	8	66
125	The rarity of dust in metal-poor galaxies. *Nature*, **2014**, 505, 186-9	50.4	66
124	Star Formation Efficiency per Free-fall Time in nearby Galaxies. *Astrophysical Journal Letters*, **2018**, 861, L18	7.9	65

123	ARM AND INTERARM STAR FORMATION IN SPIRAL GALAXIES. *Astrophysical Journal*, **2010**, 725, 534-541	4.7	64
122	Dense Molecular Gas Tracers in the Outflow of the Starburst Galaxy NGC 253. *Astrophysical Journal*, **2017**, 835, 265	4.7	63
121	SHORT GMC LIFETIMES: AN OBSERVATIONAL ESTIMATE WITH THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS). *Astrophysical Journal*, **2015**, 806, 72	4.7	60
120	CARMA SURVEY TOWARD INFRARED-BRIGHT NEARBY GALAXIES (STING): MOLECULAR GAS STAR FORMATION LAW IN NGC 4254. *Astrophysical Journal*, **2011**, 730, 72	4.7	60
119	THESPITZERSPECTROSCOPIC SURVEY OF THE SMALL MAGELLANIC CLOUD (S4MC): PROBING THE PHYSICAL STATE OF POLYCYCLIC AROMATIC HYDROCARBONS IN A LOW-METALLICITY ENVIRONMENT. *Astrophysical Journal*, **2012**, 744, 20	4.7	60
118	PROBABILITY DISTRIBUTION FUNCTIONS OF12CO(J= 1 -l0) BRIGHTNESS AND INTEGRATED INTENSITY IN M51: THE PAWS VIEW. *Astrophysical Journal*, **2013**, 779, 44	4.7	58
117	ALMA RESOLVES 30 DORADUS: SUB-PARSEC MOLECULAR CLOUD STRUCTURE NEAR THE CLOSEST SUPER STAR CLUSTER. *Astrophysical Journal*, **2013**, 774, 73	4.7	58
116	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. VIII. A WIDE-AREA, HIGH-RESOLUTION MAP OF DUST EXTINCTION IN M31. *Astrophysical Journal*, **2015**, 814, 3	4.7	56
115	HIGH-RESOLUTION RADIO CONTINUUM MEASUREMENTS OF THE NUCLEAR DISKS OF Arp 220. *Astrophysical Journal*, **2015**, 799, 10	4.7	55
114	THE PdBI ARCSECOND WHIRLPOOL SURVEY (PAWS): MULTI-PHASE COLD GAS KINEMATIC OF M51. *Astrophysical Journal*, **2014**, 784, 4	4.7	55
113	Mapping Metallicity Variations across Nearby Galaxy Disks. *Astrophysical Journal*, **2019**, 887, 80	4.7	55
112	A 50 pc Scale View of Star Formation Efficiency across NGC 628. *Astrophysical Journal Letters*, **2018**, 863, L21	7.9	54
111	THE PHYSICAL CONDITIONS IN A PRE-SUPER STAR CLUSTER MOLECULAR CLOUD IN THE ANTENNAE GALAXIES. *Astrophysical Journal*, **2015**, 806, 35	4.7	52
110	Dense Gas, Dynamical Equilibrium Pressure, and Star Formation in Nearby Star-forming Galaxies. *Astrophysical Journal*, **2018**, 858, 90	4.7	52
109	THE RELATIONSHIP BETWEEN MOLECULAR GAS, H i, AND STAR FORMATION IN THE LOW-MASS, LOW-METALLICITY MAGELLANIC CLOUDS. *Astrophysical Journal*, **2016**, 825, 12	4.7	51
108	Dynamical Equilibrium in the Molecular ISM in 28 Nearby Star-forming Galaxies. *Astrophysical Journal*, **2020**, 892, 148	4.7	51
107	Physical Properties of Molecular Clouds at 2 pc Resolution in the Low-metallicity Dwarf Galaxy NGC 6822 and the Milky Way. *Astrophysical Journal*, **2017**, 835, 278	4.7	50
106	H I AND CO VELOCITY DISPERSIONS IN NEARBY GALAXIES. *Astronomical Journal*, **2016**, 151, 15	4.9	50

105	The EDGE□CALIFA Survey: Variations in the Molecular Gas Depletion Time in Local Galaxies. *Astrophysical Journal*, **2017**, 849, 26	4.7	48
104	Unusual CO Line Ratios and Kinematics in the N83/N84 Region of the Small Magellanic Cloud. *Astrophysical Journal*, **2003**, 595, 167-178	4.7	47
103	Forming Super Star Clusters in the Central Starburst of NGC 253. *Astrophysical Journal*, **2018**, 869, 126	4.7	46
102	How Galactic Environment Affects the Dynamical State of Molecular Clouds and Their Star Formation Efficiency. *Astrophysical Journal*, **2019**, 883, 2	4.7	44
101	Millimeter-wave Line Ratios and Sub-beam Volume Density Distributions. *Astrophysical Journal*, **2017**, 835, 217	4.7	43
100	A Model for the Onset of Self-gravitation and Star Formation in Molecular Gas Governed by Galactic Forces. I. Cloud-scale Gas Motions. *Astrophysical Journal*, **2018**, 854, 100	4.7	41
99	The spatial relation between young star clusters and molecular clouds in M51 with LEGUS. *Monthly Notices of the Royal Astronomical Society*, **2019**, 483, 4707-4723	4.3	39
98	EMPIRE: The IRAM 30 m Dense Gas Survey of Nearby Galaxies. *Astrophysical Journal*, **2019**, 880, 127	4.7	39
97	The PdBI Arcsecond Whirlpool Survey (PAWS): The Role of Spiral Arms in Cloud and Star Formation. *Astrophysical Journal*, **2017**, 836, 62	4.7	38
96	Full-disc 13CO(1□) mapping across nearby galaxies of the EMPIRE survey and the CO-to-H2 conversion factor. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 3909-3933	4.3	37
95	Molecular Gas Properties on Cloud Scales across the Local Star-forming Galaxy Population. *Astrophysical Journal Letters*, **2020**, 901, L8	7.9	37
94	Distances to PHANGS Galaxies: New Tip of the Red Giant Branch Measurements and Adopted Distances. *Monthly Notices of the Royal Astronomical Society*, **2020**,	4.3	37
93	The EDGE□CALIFA survey: the influence of galactic rotation on the molecular depletion time across the Hubble sequence. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 1791-1808	4.3	36
92	SHOCK EXCITED MOLECULES IN NGC 1266: ULIRG CONDITIONS AT THE CENTER OF A BULGE-DOMINATED GALAXY. *Astrophysical Journal Letters*, **2013**, 779, L19	7.9	36
91	The Gas□Star Formation Cycle in Nearby Star-forming Galaxies. I. Assessment of Multi-scale Variations. *Astrophysical Journal*, **2019**, 887, 49	4.7	35
90	Fast, Collimated Outflow in the Western Nucleus of Arp 220. *Astrophysical Journal Letters*, **2018**, 853, L28	7.9	34
89	HIGH-RESOLUTION IMAGING OF PHIBSSz~ 2 MAIN-SEQUENCE GALAXIES IN COJ= 1 -l0. *Astrophysical Journal*, **2015**, 809, 175	4.7	34
88	CARMA SURVEY TOWARD INFRARED-BRIGHT NEARBY GALAXIES (STING). III. THE DEPENDENCE OF ATOMIC AND MOLECULAR GAS SURFACE DENSITIES ON GALAXY PROPERTIES. *Astrophysical Journal Letters*, **2013**, 777, L4	7.9	34

87	DUST-TO-GAS RATIO IN THE EXTREMELY METAL-POOR GALAXY I Zw 18. *Astrophysical Journal*, **2012**, 752, 112	4.7	34
86	CLUMPING AND THE INTERPRETATION OF kpc-SCALE MAPS OF THE INTERSTELLAR MEDIUM: SMOOTH H I AND CLUMPY, VARIABLE H 2 SURFACE DENSITY. *Astrophysical Journal Letters*, **2013**, 769, L12	7.9	33
85	PHANGS CO Kinematics: Disk Orientations and Rotation Curves at 150 pc Resolution. *Astrophysical Journal*, **2020**, 897, 122	4.7	33
84	Dense gas is not enough: environmental variations in the star formation efficiency of dense molecular gas at 100 pc scales in M 51. *Astronomy and Astrophysics*, **2019**, 625, A19	5.1	32
83	COMPLEX RADIO SPECTRAL ENERGY DISTRIBUTIONS IN LUMINOUS AND ULTRALUMINOUS INFRARED GALAXIES. *Astrophysical Journal Letters*, **2011**, 739, L25	7.9	31
82	PHANGS–ALMA: Arcsecond CO(2–1) Imaging of Nearby Star-forming Galaxies. *Astrophysical Journal, Supplement Series*, **2021**, 257, 43	8	31
81	Optical depth estimates and effective critical densities of dense gas tracers in the inner parts of nearby galaxy discs. *Monthly Notices of the Royal Astronomical Society*, **2017**, 466, 49-62	4.3	30
80	THE GREEN BANK TELESCOPE MAPS THE DENSE, STAR-FORMING GAS IN THE NEARBY STARBURST GALAXY M82. *Astrophysical Journal Letters*, **2014**, 780, L13	7.9	30
79	THE VIRUS-P EXPLORATION OF NEARBY GALAXIES (VENGA): THEXCOGRADIENT IN NGC 628. *Astrophysical Journal*, **2013**, 764, 117	4.7	30
78	THE FUELING DIAGRAM: LINKING GALAXY MOLECULAR-TO-ATOMIC GAS RATIOS TO INTERACTIONS AND ACCRETION. *Astrophysical Journal*, **2013**, 769, 82	4.7	29
77	13 CO/C 18 O Gradients across the Disks of Nearby Spiral Galaxies. *Astrophysical Journal Letters*, **2017**, 836, L29	7.9	28
76	A 33 GHz Survey of Local Major Mergers: Estimating the Sizes of the Energetically Dominant Regions from High-resolution Measurements of the Radio Continuum. *Astrophysical Journal*, **2017**, 843, 117	4.7	28
75	DENSE GAS FRACTION AND STAR FORMATION EFFICIENCY VARIATIONS IN THE ANTENNAE GALAXIES. *Astrophysical Journal*, **2015**, 815, 103	4.7	28
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73	A High-resolution Mosaic of the Neutral Hydrogen in the M81 Triplet. *Astrophysical Journal*, **2018**, 865, 26	4.7	28
72	The Molecular Outflow in NGC 253 at a Resolution of Two Parsecs. *Astrophysical Journal*, **2019**, 881, 43	4.7	27
71	SCALING RELATIONS OF THE PROPERTIES FOR CO RESOLVED STRUCTURES IN NEARBY SPIRAL GALAXIES. *Astrophysical Journal*, **2015**, 808, 99	4.7	25
70	THE RESOLVE SURVEY ATOMIC GAS CENSUS AND ENVIRONMENTAL INFLUENCES ON GALAXY GAS RESERVOIRS. *Astrophysical Journal*, **2016**, 832, 126	4.7	25

69	AGN feedback in the nucleus of M 51. *Astronomy and Astrophysics*, **2016**, 593, A118	5.1	25
68	Modeling Dust and Starlight in Galaxies Observed by Spitzer and Herschel: The KINGFISH Sample. *Astrophysical Journal*, **2020**, 889, 150	4.7	25
67	The Spatially Resolved Dust-to-metals Ratio in M101. *Astrophysical Journal*, **2018**, 865, 117	4.7	25
66	H i Kinematics along the Minor Axis of M82. *Astrophysical Journal*, **2018**, 856, 61	4.7	24
65	Measuring the mixing scale of the ISM within nearby spiral galaxies. *Monthly Notices of the Royal Astronomical Society*, **2020**, 499, 193-209	4.3	24
64	The headlight cloud in NGC 628: An extreme giant molecular cloud in a typical galaxy disk. *Astronomy and Astrophysics*, **2020**, 634, A121	5.1	23
63	PHANGS-ALMA Data Processing and Pipeline. *Astrophysical Journal, Supplement Series*, **2021**, 255, 19	8	23
62	SPATIALLY EXTENDED AND HIGH-VELOCITY DISPERSION MOLECULAR COMPONENT IN SPIRAL GALAXIES: SINGLE-DISH VERSUS INTERFEROMETRIC OBSERVATIONS. *Astronomical Journal*, **2015**, 149, 76	4.9	22
61	Kinematics of the atomic ISM in M33 on 80 pc scales. *Monthly Notices of the Royal Astronomical Society*, **2018**, 479, 2505-2533	4.3	22
60	A TEST OF STAR FORMATION LAWS IN DISK GALAXIES. II. DEPENDENCE ON DYNAMICAL PROPERTIES. *Astrophysical Journal*, **2014**, 787, 68	4.7	21
59	The relationship between CO emission and visual extinction traced by dust emission in the Magellanic Clouds. *Monthly Notices of the Royal Astronomical Society*, **2015**, 450, 2708-2726	4.3	20
58	Giant molecular cloud catalogues for PHANGS-ALMA: methods and initial results. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 1218-1245	4.3	20
57	On the duration of the embedded phase of star formation. *Monthly Notices of the Royal Astronomical Society*, **2021**, 504, 487-509	4.3	19
56	New constraints on the 12CO(2–1)/(1–0) line ratio across nearby disc galaxies. *Monthly Notices of the Royal Astronomical Society*, **2021**, 504, 3221-3245	4.3	19
55	Do Spectroscopic Dense Gas Fractions Track Molecular Cloud Surface Densities?. *Astrophysical Journal Letters*, **2018**, 868, L38	7.9	18
54	The Resolved Distributions of Dust Mass and Temperature in Local Group Galaxies. *Astrophysical Journal*, **2019**, 874, 141	4.7	17
53	Pre-supernova feedback mechanisms drive the destruction of molecular clouds in nearby star-forming disc galaxies. *Monthly Notices of the Royal Astronomical Society*,	4.3	17
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48	THE MOLECULAR CLOUDS FUELING A 1/5 SOLAR METALLICITY STARBURST. *Astrophysical Journal*, **2016**, 828, 50	4.7	15
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46	Star formation scaling relations at ~100 pc from PHANGS: Impact of completeness and spatial scale. *Astronomy and Astrophysics*, **2021**, 650, A134	5.1	14
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44	MICROWAVE CONTINUUM EMISSION AND DENSE GAS TRACERS IN NGC 3627: COMBINING JANSKY VLA AND ALMA OBSERVATIONS. *Astrophysical Journal*, **2015**, 813, 118	4.7	12
43	Calibrating Star Formation Rate Prescriptions at Different Scales (10 pc□1 kpc) in M31. *Astrophysical Journal*, **2019**, 873, 3	4.7	11
42	Resolved Star Formation Efficiency in the Antennae Galaxies. *Astrophysical Journal*, **2018**, 862, 147	4.7	11
41	The PHANGS-MUSE survey. Probing the chemo-dynamical evolution of disc galaxies. *Astronomy and Astrophysics*,	5.1	10
40	Super Star Clusters in the Central Starburst of NGC 4945. *Astrophysical Journal*, **2020**, 903, 50	4.7	10
39	PHANGS□HST: star cluster spectral energy distribution fitting with cigale. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 1366-1385	4.3	10
38	Relationship between the line width of the atomic and molecular ISM in M33. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 2324-2342	4.3	9
37	Attenuation Modified by DIG and Dust as Seen in M31. *Astrophysical Journal*, **2017**, 844, 155	4.7	9
36	SOFIA/FIFI-LS Full-disk [C ii] Mapping and CO-dark Molecular Gas across the Nearby Spiral Galaxy NGC 6946. *Astrophysical Journal*, **2020**, 903, 30	4.7	9
35	Radio-line Broadening from a Spectral Response Function. *Research Notes of the AAS*, **2018**, 2, 220	0.8	9
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33	The Molecular Interstellar Medium in the Super Star Clusters of the Starburst NGC 253. *Astrophysical Journal*, **2020**, 897, 176	4.7	8
32	The evolution of neutral hydrogen over the past 11 Gyr via H i 21 cm absorption. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 883-898	4.3	8
31	Outflows from Super Star Clusters in the Central Starburst of NGC 253. *Astrophysical Journal*, **2021**, 912, 4	4.7	8
30	Dense molecular gas properties on 100 pc scales across the disc of NGC 3627. *Monthly Notices of the Royal Astronomical Society*, **2021**, 506, 963-988	4.3	8
29	Dense Molecular Gas in the Nearby Low-metallicity Dwarf Starburst Galaxy IC 10. *Astrophysical Journal*, **2018**, 862, 120	4.7	8
28	CARMA Survey toward Infrared-bright Nearby Galaxies (STING). IV. Spatially Resolved13CO in Spiral Galaxies. *Astrophysical Journal*, **2017**, 847, 33	4.7	7
27	The PHANGS-HST Survey: Physics at High Angular Resolution in Nearby Galaxies with the Hubble Space Telescope. *Astrophysical Journal, Supplement Series*, **2022**, 258, 10	8	7
26	A tale of two DIGs: The relative role of Hii regions and low-mass hot evolved stars in powering the diffuse ionised gas (DIG) in PHANGS-MUSE galaxies. *Astronomy and Astrophysics*,	5.1	7
25	Stellar structures, molecular gas, and star formation across the PHANGS sample of nearby galaxies. *Astronomy and Astrophysics*,	5.1	7
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