

Robert C Kennicutt

List of Publications by Year in descending order

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107
papers

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57681

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110
all docs

110
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110
times ranked

8575
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Far-infrared Metal Abundances (FIRA). I. M101. <i>Astrophysical Journal</i> , 2022, 925, 194.	1.6	4
2	Infrared Spectral Energy Distributions and Dust Masses of Sub-solar Metallicity Galaxies at $z \approx 2.3$. <i>Astrophysical Journal</i> , 2022, 928, 68.	1.6	7
3	The Dense Gas Mass Fraction and the Relationship to Star Formation in M51. <i>Astrophysical Journal</i> , 2022, 930, 170.	1.6	5
4	Revisiting the Integrated Star Formation Law. II. Starbursts and the Combined Global Schmidt Law. <i>Astrophysical Journal</i> , 2021, 908, 61.	1.6	80
5	The case for thermalization as a contributor to the $[C\ II]$ deficit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 911-919.	1.6	5
6	Revisiting Attenuation Curves: The Case of NGC 3351*. <i>Astrophysical Journal</i> , 2021, 913, 37.	1.6	12
7	An Empirical Determination of the Dependence of the Circumgalactic Mass Cooling Rate and Feedback Mass Loading Factor on Galactic Stellar Mass. <i>Astrophysical Journal</i> , 2021, 916, 101.	1.6	5
8	The dependence of the hierarchical distribution of star clusters on galactic environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5542-5566.	1.6	7
9	DIISC-I: The Discovery of Kinematically Anomalous H I Clouds in M 100. <i>Astrophysical Journal</i> , 2021, 922, 69.	1.6	4
10	DIISC-II: Unveiling the Connections between Star Formation and Interstellar Medium in the Extended Ultraviolet Disk of NGC 3344. <i>Astrophysical Journal</i> , 2021, 923, 199.	1.6	3
11	Modeling Dust and Starlight in Galaxies Observed by Spitzer and Herschel: The KINGFISH Sample. <i>Astrophysical Journal</i> , 2020, 889, 150.	1.6	54
12	The neutral hydrogen properties of galaxies in gas-rich groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5409-5425.	1.6	11
13	Revisiting the Integrated Star Formation Law. I. Non-starbursting Galaxies. <i>Astrophysical Journal</i> , 2019, 872, 16.	1.6	88
14	Using $[C\ II]\lambda 158\ \mu m$ Emission from Isolated ISM Phases as a Star Formation Rate Indicator. <i>Astrophysical Journal</i> , 2019, 886, 60.	1.6	23
15	$[C\ I](\lambda 445\ \mu m)$ and $[C\ I](\lambda 635\ \mu m)$ in Resolved Local Galaxies*. <i>Astrophysical Journal</i> , 2019, 887, 105.	1.6	22
16	Calibration of Ultraviolet, Mid-infrared, and Radio Star Formation Rate Indicators. <i>Astrophysical Journal</i> , 2017, 847, 136.	1.6	50
17	Accurate Distances to Important Spiral Galaxies: M63, M74, NGC 1291, NGC 4559, NGC 4625, and NGC 5398*. <i>Astronomical Journal</i> , 2017, 154, 51.	1.9	71
18	Clues to the Formation of Spiral Structure in M51 from the Ages and Locations of Star Clusters. <i>Astrophysical Journal</i> , 2017, 845, 78.	1.6	16

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19	Hierarchical star formation across the grand-design spiral NGC 1566. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 509-530.	1.6	32
20	THE AGE, MASS, AND SIZE DISTRIBUTIONS OF STAR CLUSTERS IN M51. <i>Astrophysical Journal</i> , 2016, 824, 71.	1.6	38
21	THE DISTANCE TO M51*. <i>Astrophysical Journal</i> , 2016, 826, 21.	1.6	65
22	THE DISTANCE TO M104*. <i>Astronomical Journal</i> , 2016, 152, 144.	1.9	23
23	The connection between galaxy environment and the luminosity function slopes of star-forming regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3766-3799.	1.6	14
24	The interstellar medium in Andromeda's dwarf spheroidal galaxies. I. Content and origin of the interstellar dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3900-3916.	1.6	11
25	A PILOT STUDY USING DEEP INFRARED IMAGING TO CONSTRAIN THE STAR FORMATION HISTORY OF THE XUV STELLAR POPULATIONS IN NGC 4625. <i>Astrophysical Journal</i> , 2014, 793, 65.	1.6	7
26	Empirical ugr _i -UBVR _c transformations for galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 890-898.	1.6	17
27	Spitzer Local Volume Legacy (LVL) SEDs and physical properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 899-912.	1.6	61
28	The Spitzer Local Volume Legacy (LVL) global optical photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 881-889.	1.6	38
29	UNTANGLING THE NATURE OF SPATIAL VARIATIONS OF COLD DUST PROPERTIES IN STAR FORMING GALAXIES. <i>Astrophysical Journal</i> , 2014, 789, 130.	1.6	32
30	What controls star formation in the central 500 pc of the Galaxy?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 3370-3391.	1.6	201
31	Choirs, H _α galaxy groups: catalogue and detection of star-forming dwarf group members. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 543-559.	1.6	9
32	H _β to FUV ratios in resolved star-forming region populations of nearby spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3097-3116.	1.6	13
33	THE Pa _β LUMINOSITY FUNCTION OF H II REGIONS IN NEARBY GALAXIES FROM HST/NICMOS. <i>Astrophysical Journal</i> , 2013, 772, 27.	1.6	20
34	MAPPING DUST THROUGH EMISSION AND ABSORPTION IN NEARBY GALAXIES. <i>Astrophysical Journal</i> , 2013, 771, 62.	1.6	86
35	TESTING FOR AZIMUTHAL ABUNDANCE GRADIENTS IN M101. <i>Astrophysical Journal</i> , 2013, 766, 17.	1.6	57
36	RESOLVED GIANT MOLECULAR CLOUDS IN NEARBY SPIRAL GALAXIES: INSIGHTS FROM THE CANON CO (1-0) SURVEY. <i>Astrophysical Journal</i> , 2013, 772, 107.	1.6	75

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37	MEASURING GALAXY STAR FORMATION RATES FROM INTEGRATED PHOTOMETRY: INSIGHTS FROM COLOR-MAGNITUDE DIAGRAMS OF RESOLVED STARS. <i>Astrophysical Journal</i> , 2013, 772, 8.	1.6	41
38	STAR FORMATION ON SUBKILOPARSEC SCALE TRIGGERED BY NON-LINEAR PROCESSES IN NEARBY SPIRAL GALAXIES. <i>Astrophysical Journal Letters</i> , 2013, 772, L13.	3.0	48
39	STAR FORMATION RATES IN RESOLVED GALAXIES: CALIBRATIONS WITH NEAR- AND FAR-INFRARED DATA FOR NGC 5055 AND NGC 6946. <i>Astrophysical Journal</i> , 2013, 768, 180.	1.6	23
40	NEW RADIAL ABUNDANCE GRADIENTS FOR NGC 628 AND NGC 2403. <i>Astrophysical Journal</i> , 2013, 775, 128.	1.6	61
41	THIRTY YEARS OF SN 1980K: EVIDENCE FOR LIGHT ECHOES. <i>Astrophysical Journal</i> , 2012, 749, 170.	1.6	23
42	DIRECT OXYGEN ABUNDANCES FOR LOW-LUMINOSITY LVL GALAXIES. <i>Astrophysical Journal</i> , 2012, 754, 98.	1.6	257
43	CHARACTERIZING ULTRAVIOLET AND INFRARED OBSERVATIONAL PROPERTIES FOR GALAXIES. I. INFLUENCES OF DUST ATTENUATION AND STELLAR POPULATION AGE. <i>Astrophysical Journal</i> , 2012, 757, 52.	1.6	17
44	PHYSICAL CONDITIONS IN MOLECULAR CLOUDS IN THE ARM AND INTERARM REGIONS OF M51. <i>Astrophysical Journal</i> , 2012, 761, 41.	1.6	59
45	GAS METALLICITIES IN THE EXTENDED DISKS OF NGC 1512 AND NGC 3621. CHEMICAL SIGNATURES OF METAL MIXING OR ENRICHED GAS ACCRETION?. <i>Astrophysical Journal</i> , 2012, 750, 122.	1.6	127
46	Star Formation in the Milky Way and Nearby Galaxies. <i>Annual Review of Astronomy and Astrophysics</i> , 2012, 50, 531-608.	8.1	1,988
47	The NGC 7771+NGC 7770 minor merger: harassing the little one?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 425, L46-L50.	1.2	14
48	An oxygen abundance gradient into the outer disc of M81... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 401-419.	1.6	28
49	THE EMISSION BY DUST AND STARS OF NEARBY GALAXIES IN THE HERSCHEL KINGFISH SURVEY. <i>Astrophysical Journal</i> , 2011, 738, 89.	1.6	145
50	DUST-CORRECTED STAR FORMATION RATES OF GALAXIES. II. COMBINATIONS OF ULTRAVIOLET AND INFRARED TRACERS. <i>Astrophysical Journal</i> , 2011, 741, 124.	1.6	453
51	NEW CONSTRAINTS ON MASS-DEPENDENT DISRUPTION OF STAR CLUSTERS IN M51. <i>Astrophysical Journal</i> , 2011, 727, 88.	1.6	47
52	THE EVOLUTION OF STELLAR POPULATIONS IN THE OUTER DISKS OF SPIRAL GALAXIES. <i>Astrophysical Journal</i> , 2011, 731, 28.	1.6	19
53	THE FORMATION OF KILOPARSEC-SCALE H I HOLES IN DWARF GALAXIES. <i>Astrophysical Journal</i> , 2011, 738, 10.	1.6	40
54	THE M81 GROUP DWARF IRREGULAR GALAXY DDO 165. II. CONNECTING RECENT STAR FORMATION WITH INTERSTELLAR MEDIUM STRUCTURES AND KINEMATICS. <i>Astrophysical Journal</i> , 2011, 735, 36.	1.6	16

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55	THE M81 GROUP DWARF IRREGULAR GALAXY DDO 165. I. HIGH-VELOCITY NEUTRAL GAS IN A POST-STARBURST SYSTEM. <i>Astrophysical Journal</i> , 2011, 735, 35.	1.6	17
56	DARK AND LUMINOUS MATTER IN THINGS DWARF GALAXIES. <i>Astronomical Journal</i> , 2011, 141, 193.	1.9	338
57	<i><i>SPITZER</i></i> $70\ \mu\text{m}$ EMISSION AS A STAR FORMATION RATE INDICATOR FOR SUB-GALACTIC REGIONS. <i>Astrophysical Journal</i> , 2010, 725, 677-691.	1.6	31
58	The GALEX Arecibo SDSS Survey - II. The star formation efficiency of massive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 919-934.	1.6	102
59	Young stars in young galaxies. <i>Nature</i> , 2010, 465, 559-560.	13.7	1
60	OPTICAL SPECTROSCOPY AND NEBULAR OXYGEN ABUNDANCES OF THE <i><i>SPITZER</i></i> /SINGS GALAXIES. <i>Astrophysical Journal</i> , Supplement Series, 2010, 190, 233-266.	3.0	434
61	DOES STELLAR FEEDBACK CREATE H I HOLES? A <i><i>HUBBLE SPACE TELESCOPE</i></i> /VERY LARGE ARRAY STUDY OF HOLMBERG II. <i>Astrophysical Journal</i> , 2009, 704, 1538-1569.	1.6	40
62	DWARF GALAXY STARBURST STATISTICS IN THE LOCAL VOLUME. <i>Astrophysical Journal</i> , 2009, 692, 1305-1320.	1.6	144
63	CHEMICAL ABUNDANCES OF SEVEN IRREGULAR AND THREE TIDAL DWARF GALAXIES IN THE M81 GROUP. <i>Astrophysical Journal</i> , 2009, 705, 723-738.	1.6	113
64	THE FLAT OXYGEN ABUNDANCE GRADIENT IN THE EXTENDED DISK OF M83. <i>Astrophysical Journal</i> , 2009, 695, 580-595.	1.6	166
65	STAR FORMATION IN LUMINOUS H II REGIONS IN M33. <i>Astrophysical Journal</i> , 2009, 699, 1125-1143.	1.6	69
66	DUST-CORRECTED STAR FORMATION RATES OF GALAXIES. I. COMBINATIONS OF $H\alpha$ AND INFRARED TRACERS. <i>Astrophysical Journal</i> , 2009, 703, 1672-1695.	1.6	485
67	SUPER STAR CLUSTERS IN SBS0335-052E. <i>Astrophysical Journal</i> , 2009, 691, 1068-1078.	1.6	11
68	AN OBSERVATIONAL DETERMINATION OF THE PROTON TO ELECTRON MASS RATIO IN THE EARLY UNIVERSE. <i>Astrophysical Journal</i> , 2009, 703, 1648-1662.	1.6	53
69	HERACLES: THE HERA CO LINE EXTRAGALACTIC SURVEY. <i>Astronomical Journal</i> , 2009, 137, 4670-4696.	1.9	495
70	On the interstellar medium and star formation demographics of galaxies in the local universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 154-167.	1.6	84
71	COMPARISON OF $H\alpha$ AND UV STAR FORMATION RATES IN THE LOCAL VOLUME: SYSTEMATIC DISCREPANCIES FOR DWARF GALAXIES. <i>Astrophysical Journal</i> , 2009, 706, 599-613.	1.6	428
72	A molecular probe of dark energy. <i>Advances in Space Research</i> , 2008, 42, 596-598.	1.2	0

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73	ARE THE KINEMATICS OF DLAs IN AGREEMENT WITH THEIR ARISING IN THE GAS DISKS OF GALAXIES?. Astronomical Journal, 2008, 136, 2886-2896.	1.9	29
74	THINGS: THE H I NEARBY GALAXY SURVEY. Astronomical Journal, 2008, 136, 2563-2647.	1.9	1,055
75	HIGH-RESOLUTION DARK MATTER DENSITY PROFILES OF THINGS DWARF GALAXIES: CORRECTING FOR NONCIRCULAR MOTIONS. Astronomical Journal, 2008, 136, 2761-2781.	1.9	242
76	Constraints on the Cosmic Near-Infrared Background Excess from NICMOS Deep Field Observations. Astrophysical Journal, 2007, 657, 669-680.	1.6	56
77	Evidence for a $z \sim 8$ Origin of the Source-Subtracted Near-Infrared Background. Astrophysical Journal, 2007, 666, 658-662.	1.6	46
78	The Star Formation Demographics of Galaxies in the Local Volume. Astrophysical Journal, 2007, 671, L113-L116.	1.6	75
79	Sloan at five. Nature, 2007, 450, 488-489.	13.7	2
80	Special Session 6 Astronomical data management. Proceedings of the International Astronomical Union, 2006, 2, 673-682.	0.0	2
81	The Radial Distribution of the Interstellar Medium in Disk Galaxies: Evidence for Secular Evolution. Astrophysical Journal, 2006, 652, 1112-1121.	1.6	76
82	Young spirals get older. Nature, 2006, 442, 753-754.	13.7	28
83	Massive-Star Supernovae as Major Dust Factories. Science, 2006, 313, 196-200.	6.0	169
84	The role of massive stars in astrophysics. Proceedings of the International Astronomical Union, 2005, 1, 3-11.	0.0	22
85	Secular Evolution and the Formation of Pseudobulges in Disk Galaxies. Annual Review of Astronomy and Astrophysics, 2004, 42, 603-683.	8.1	1,396
86	The calibration of the extragalactic distance scale: methods and problems. Reports on Progress in Physics, 2000, 63, 763-791.	8.1	2
87	The Hubble Space Telescope Key Project on the Extragalactic Distance Scale. XIX. The Discovery of Cepheids in and a New Distance to NGC 3198. Astrophysical Journal, 1999, 514, 614-636.	1.6	26
88	The Hubble Space Telescope Extragalactic Distance Scale Key Project. XXIII. The Discovery of Cepheids in NGC 3319. Astrophysical Journal, 1999, 523, 540-558.	1.6	22
89	STAR FORMATION IN GALAXIES ALONG THE HUBBLE SEQUENCE. Annual Review of Astronomy and Astrophysics, 1998, 36, 189-231.	8.1	5,398
90	The Extragalactic Distance Scale Key Project. V. Photometry of the Brightest Stars in M100 and the Calibration of WFPC2. Astrophysical Journal, 1998, 496, 648-660.	1.6	58

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91	The Hubble Space Telescope Extragalactic Distance Scale Key Project. IX. The Discovery of Cepheids in NGC 2090. <i>Astrophysical Journal</i> , 1998, 500, 763-788.	1.6	24
92	The Extragalactic Distance Scale Key Project. VIII. The Discovery of Cepheids and a New Distance to NGC 3621 Using the Hubble Space Telescope. <i>Astrophysical Journal</i> , 1997, 490, 517-556.	1.6	39
93	The Hubble Space Telescope Extragalactic Distance Scale Key Project. VII. The Discovery of Cepheids in the Leo I Group Galaxy NGC 3351. <i>Astrophysical Journal</i> , 1997, 477, 535-559.	1.6	75
94	Distance to the Virgo cluster galaxy M100 from Hubble Space Telescope observations of Cepheids. <i>Nature</i> , 1994, 371, 757-762.	13.7	302
95	Structure and extinction of 30 Doradus and the nearby SNR N157B as measured by a comparison of radio and optical images. <i>Astronomical Journal</i> , 1994, 107, 1067.	1.9	17
96	SO's and the lower limit of star-formation rates in disk galaxies. <i>Astronomical Journal</i> , 1994, 108, 1186.	1.9	11
97	The H II regions of Holmberg II. <i>Publications of the Astronomical Society of the Pacific</i> , 1994, 106, 309.	1.0	20
98	The H II regions of Sextans A. <i>Publications of the Astronomical Society of the Pacific</i> , 1994, 106, 765.	1.0	18
99	The Hubble Space Telescope Extragalactic Distance Scale Key Project. 1: The discovery of Cepheids and a new distance to M81. <i>Astrophysical Journal</i> , 1994, 427, 628.	1.6	462
100	New Results of He Measurements: Implications for SBBN. <i>Annals of the New York Academy of Sciences</i> , 1993, 688, 739-744.	1.8	11
101	Multifrequency windows on spiral galaxies. I - UVB and H-alpha aperture photometry. <i>Astronomical Journal</i> , 1991, 101, 1207.	1.9	54
102	A study of star formation in the disks of SA galaxies. <i>Astrophysical Journal</i> , 1991, 370, 526.	1.6	50
103	Global Effects of Interactions on Galaxy Evolution. <i>International Astronomical Union Colloquium</i> , 1990, 124, 269-284.	0.1	0
104	Supernova Remnants in Giant HII Regions. <i>International Astronomical Union Colloquium</i> , 1988, 101, 201-204.	0.1	0
105	Long Slit Echelle Spectroscopy of Supernova Remnants in M33. <i>International Astronomical Union Colloquium</i> , 1988, 101, 193-196.	0.1	0
106	X-ray, UV, and optical observations of the dwarf nova BV Puppis. <i>Publications of the Astronomical Society of the Pacific</i> , 1986, 98, 1151.	1.0	3
107	The GALEX Arecibo SDSS Survey - I. Gas fraction scaling relations of massive galaxies and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 403, 683-708.	1.6	355