Maarten Baes

List of Publications by Year
in descending order

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368 papers	19,058 citations	11651 70 h-index	18130 120 g-index
372 all docs	372 docs citations	372 times ranked	7321 citing authors

#	Article	IF	Citations
1	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. Monthly Notices of the Royal Astronomical Society, 2015, 446, 521-554.	4.4	2,549
2	The Herschel ATLAS. Publications of the Astronomical Society of the Pacific, 2010, 122, 499-515.	3.1	489
3	Gas-to-dust mass ratios in local galaxies over a 2 dex metallicity range. Astronomy and Astrophysics, 2014, 563, A31.	5.1	460
4	The eagle simulations of galaxy formation: Public release of halo and galaxy catalogues. Astronomy and Computing, 2016, 15, 72-89.	1.7	394
5	The applicability of far-infrared fine-structure lines as star formation rate tracers over wide ranges of metallicities and galaxy types. Astronomy and Astrophysics, 2014, 568, A62.	5.1	296
6	3D radiative transfer modelling of the dusty tori around active galactic nuclei as a clumpy two-phase medium. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2756-2772.	4.4	258
7	The Herschel Reference Survey. Publications of the Astronomical Society of the Pacific, 2010, 122, 261-287.	3.1	235
8	EFFICIENT THREE-DIMENSIONAL NLTE DUST RADIATIVE TRANSFER WITH SKIRT. Astrophysical Journal, Supplement Series, 2011, 196, 22.	7.7	223
9	OBSERVATIONS OF Arp 220 USINGHERSCHEL-SPIRE: AN UNPRECEDENTED VIEW OF THE MOLECULAR GAS IN AN EXTREME STAR FORMATION ENVIRONMENT. Astrophysical Journal, 2011, 743, 94.	4.5	222
10	The dust covering factor in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2288-2302.	4.4	219
11	Herschelâ˜...-ATLAS: rapid evolution of dust in galaxies over the last 5 billion years. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1510-1533.	4.4	198
12	SKIRT: An advanced dust radiative transfer code with a user-friendly architecture. Astronomy and Computing, 2015, 9, 20-33.	1.7	198
13	An Overview of the Dwarf Galaxy Survey. Publications of the Astronomical Society of the Pacific, 2013, 125, 600-635.	3.1	172
14	DUST PRODUCTION AND PARTICLE ACCELERATION IN SUPERNOVA 1987A REVEALED WITH ALMA. Astrophysical Journal Letters, 2014, 782, L2.	8.3	170
15	TheHerschelDwarf Galaxy Survey. Astronomy and Astrophysics, 2015, 578, A53.	5.1	163
16	THEHERSCHELREFERENCE SURVEY: DUST IN EARLY-TYPE GALAXIES AND ACROSS THE HUBBLE SEQUENCE. Astrophysical Journal, 2012, 748, 123.	4.5	162
17	The dust scaling relations of theHerschelReference Survey. Astronomy and Astrophysics, 2012, 540, A52.	5.1	162
18	GAS AND DUST IN A SUBMILLIMETER GALAXY ATz= 4.24 FROM THEHERSCHELATLAS. Astrophysical Journal, 2011, 740, 63.	4.5	156

#	Article	IF	Citations
19	Optical colours and spectral indices of zÂ=Â0.1 eagle galaxies with the 3D dust radiative transfer code skirt. Monthly Notices of the Royal Astronomical Society, 2017, 470, 771-799.	4.4	152
20	HERSCHEL-ATLAS GALAXY COUNTS AND HIGH-REDSHIFT LUMINOSITY FUNCTIONS: THE FORMATION OF MASSIVE EARLY-TYPE GALAXIES. Astrophysical Journal, 2011, 742, 24.	4.5	151
21	A STUBBORNLY LARGE MASS OF COLD DUST IN THE EJECTA OF SUPERNOVA 1987A. Astrophysical Journal, 2015, 800, 50.	4.5	148
22	Dust spectral energy distributions of nearby galaxies: an insight from theHerschelReference Survey. Astronomy and Astrophysics, 2014, 565, A128.	5.1	147
23	Three-Dimensional Dust Radiative Transfer. Annual Review of Astronomy and Astrophysics, 2013, 51, 63-104.	24.3	140
24	Investigations of dust heating in M81, M83 and NGC 2403 with theâ€‚Herschel Space Observatory. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1833-1859.	4.4	136
25	A systematic metallicity study of DustPedia galaxies reveals evolution in the dust-to-metal ratios. Astronomy and Astrophysics, 2019, 623, A5.	5.1	135
26	THEHERSCHELEXPLOITATION OF LOCAL GALAXY ANDROMEDA (HELGA). II. DUST AND GAS IN ANDROMEDA. Astrophysical Journal, 2012, 756, 40.	4.5	132
27	Radiative transfer in disc galaxies -- III. The observed kinematics of dusty disc galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 343, 1081-1094.	4.4	129
28	TheHerschelSpace Observatory view of dust in M81. Astronomy and Astrophysics, 2010, 518, L65.	5.1	129
29	Observational evidence for a connection between supermassive black holes and dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2003, 341, L44-L48.	4.4	128
30	Herschel-ATLAS: multi-wavelength SEDs and physical properties of 250 Î¼m selected galaxies atz< 0.5. Monthly Notices of the Royal Astronomical Society, 2012, 427, 703-727.	4.4	124
31	Revealing the cold dust in low-metallicity environments. Astronomy and Astrophysics, 2013, 557, A95.	5.1	120
32	Linking dust emission to fundamental properties in galaxies: the low-metallicity picture. Astronomy and Astrophysics, 2015, 582, A121.	5.1	118
33	The reliability of [Câ€ii] as an indicator of the star formation rate. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2712-2724.	4.4	117
34	The IRX-Î²relation on subgalactic scales in star-forming galaxies of theHerschelReference Survey. Astronomy and Astrophysics, 2012, 539, A145.	5.1	114
35	BLIND DETECTIONS OF COJ= 1â€“0 IN 11 H-ATLAS GALAXIES ATz= 2.1â€“3.5 WITH THE GBT/ZPECTROMETER. Astrophysical Journal, 2012, 752, 152.	4.5	113
36	Herschel-ATLAS: first data release of the Science Demonstration Phase source catalogues. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2336-2348.	4.4	110

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37	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L49.	5.1	107
38	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L48.	5.1	107
39	Herschelâ˜...-ATLAS/GAMA: dusty early-type galaxies and passive spirals. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2545-2578.	4.4	104
40	Herschel-ATLAS: Dust temperature and redshift distribution of SPIRE and PACS detected sources using submillimetre colours. Astronomy and Astrophysics, 2010, 518, L9.	5.1	102
41	TheHerschel-ATLAS: a sample of 500ÂÎ¼m-selected lensed galaxies over 600Âdeg². Monthly Notices of the Royal Astronomical Society, 2017, 465, 3558-3580.	4.4	96
42	Far-infrared and dust properties of present-day galaxies in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1057-1075.	4.4	95
43	Binary progenitor models of type IIb supernovae. Astronomy and Astrophysics, 2011, 528, A131.	5.1	94
44	Herschel-ATLAS: Extragalactic number counts from 250 toÂ500Âmicrons. Astronomy and Astrophysics, 2010, 518, L8.	5.1	93
45	Radial distribution of dust, stars, gas, and star-formation rate in DustPedia face-on galaxies. Astronomy and Astrophysics, 2017, 605, A18.	5.1	93
46	CAN DUST EMISSION BE USED TO ESTIMATE THE MASS OF THE INTERSTELLAR MEDIUM IN GALAXIESâ€"A PILOT PROJECT WITH THE HERSCHEL REFERENCE SURVEY. Astrophysical Journal, 2012, 761, 168.	4.5	92
47	H-ATLAS: PACS imaging for the Science Demonstration Phase. Monthly Notices of the Royal Astronomical Society, 2010, 409, 38-47.	4.4	90
48	Submillimetre photometry of 323 nearby galaxies from theHerschelReference Survey. Astronomy and Astrophysics, 2012, 543, A161.	5.1	90
49	A COMPREHENSIVE VIEW OF A STRONGLY LENSEDPLANCK-ASSOCIATED SUBMILLIMETER GALAXY. Astrophysical Journal, 2012, 753, 134.	4.5	89
50	PACS photometry of the Herschel Reference Survey â€“ far-infrared/submillimetre colours as tracers of dust properties in nearby galaxiesâ˜.... Monthly Notices of the Royal Astronomical Society, 2014, 440, 942-956.	4.4	89
51	DustPedia: A Definitive Study of Cosmic Dust in the Local Universe. Publications of the Astronomical Society of the Pacific, 2017, 129, 044102.	3.1	88
52	The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). Astronomy and Astrophysics, 2011, 528, A107.	5.1	87
53	HERSCHEL-SPIRE IMAGING SPECTROSCOPY OF MOLECULAR GAS IN M82. Astrophysical Journal, 2012, 753, 70.	4.5	82
54	DustPedia: Multiwavelength photometry and imagery of 875 nearby galaxies in 42 ultraviolet-microwave bands. Astronomy and Astrophysics, 2018, 609, A37.	5.1	81

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55	The imprint of rapid star formation quenching on the spectral energy distributions of galaxies. Astronomy and Astrophysics, 2016, 585, A43.	5.1	81
56	Old and young stellar populations in DustPedia galaxies and their role in dust heating. Astronomy and Astrophysics, 2019, 624, A80.	5.1	80
57	High-resolution, 3D radiative transfer modeling. Astronomy and Astrophysics, 2014, 571, A69.	5.1	79
58	The nature of the interstellar medium of the starburst low-metallicity galaxy Haroâ€‰11: a multi-phase model of the infrared emission. Astronomy and Astrophysics, 2012, 548, A20.	5.1	78
59	Analytical properties of Einasto dark matter haloes. Astronomy and Astrophysics, 2012, 540, A70.	5.1	78
60	The Herschel Virgo Cluster Survey - VIII. The Bright Galaxy Sampleâ˜…. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3505-3520.	4.4	77
61	Herschelâ˜…-ATLAS/GAMA: a census of dust in optically selected galaxies from stacking at submillimetre wavelengths. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3027-3059.	4.4	77
62	The distribution of interstellar dust in CALIFA edge-on galaxies via oligochromatic radiative transfer fitting. Monthly Notices of the Royal Astronomical Society, 2014, 441, 869-885.	4.4	77
63	SPATIALLY RESOLVED STELLAR, DUST, AND GAS PROPERTIES OF THE POST-INTERACTING WHIRLPOOL GALAXY SYSTEM. Astrophysical Journal, 2012, 755, 165.	4.5	76
64	Far-infrared colours of nearby late-type galaxies in theHerschelReference Survey. Astronomy and Astrophysics, 2012, 540, A54.	5.1	75
65	Herschel-ATLAS: The dust energy balance in the edge-on spiral galaxy UGCâ€‰4754. Astronomy and Astrophysics, 2010, 518, L39.	5.1	74
66	SKIRT 9: Redesigning an advanced dust radiative transfer code to allow kinematics, line transfer and polarization by aligned dust grains. Astronomy and Computing, 2020, 31, 100381.	1.7	74
67	The dwarf LSB galaxy population of the Virgo cluster -- I. The faint-end slope of the luminosity function. Monthly Notices of the Royal Astronomical Society, 2003, 341, 981-992.	4.4	73
68	Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from theâ€‚Herschel-ATLASâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3473-3484.	4.4	73
69	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2012, 542, A32.	5.1	73
70	FIR colours and SEDs of nearby galaxies observed withHerschel. Astronomy and Astrophysics, 2010, 518, L61.	5.1	72
71	HERSCHEL-ATLAS: TOWARD A SAMPLE OF â¼1000 STRONGLY LENSED GALAXIES. Astrophysical Journal, 2012, 749, 65.	4.5	72
72	H₂O emission in high-zultra-luminous infrared galaxies. Astronomy and Astrophysics, 2013, 551, A115.	5.1	72

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73	Probing the molecular interstellar medium of M82 withHerschel-SPIRE spectroscopy. Astronomy and Astrophysics, 2010, 518, L37.	5.1	71
74	Herschel-ATLAS: the far-infrared-radio correlation at z < 0.5â˜¼. Monthly Notices of the Royal Astronomical Society, 2010, 409, 92-101.	4.4	71
75	A multibeam Hâ€ƒi survey of the Virgo cluster - two isolated Hâ€ƒi clouds?. Monthly Notices of the Royal Astronomical Society, 2004, 349, 922-932.	4.4	70
76	SKIRT: The design of a suite of input models for Monte Carlo radiative transfer simulations. Astronomy and Computing, 2015, 12, 33-44.	1.7	70
77	The Herschel Virgo Cluster Survey â€“ XII. FIR properties of optically selected Virgo cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1880-1910.	4.4	69
78	The Arecibo Galaxy Environment Survey: precursor observations of the NGC 628 group. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1617-1640.	4.4	66
79	SPIRE imaging of Mâ€‰82: Cool dust in the wind and tidal streams. Astronomy and Astrophysics, 2010, 518, L66.	5.1	65
80	HERSCHELEXPLOITATION OF LOCAL GALAXY ANDROMEDA (HELGA). III. THE STAR FORMATION LAW IN M31. Astrophysical Journal, 2013, 769, 55.	4.5	63
81	Herschel *-ATLAS: deep HST/WFC3 imaging of strongly lensed submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1999-2012.	4.4	63
82	Using dust, gas and stellar mass-selected samples to probe dust sources and sinks in low-metallicity galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1743-1765.	4.4	63
83	The dust energy balance in the edge-on spiral galaxy NGC 4565. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2797-2811.	4.4	62
84	The ALMA Fornax Cluster Survey I: stirring and stripping of the molecular gas in cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2251-2268.	4.4	62
85	GREEN BANK TELESCOPE ZPECTROMETER CO(1-0) OBSERVATIONS OF THE STRONGLY LENSED SUBMILLIMETER GALAXIES FROM THE HERSCHEL ATLAS. Astrophysical Journal Letters, 2011, 726, L22.	8.3	61
86	Data Release of UV to Submillimeter Broadband Fluxes for Simulated Galaxies from the EAGLE Project. Astrophysical Journal, Supplement Series, 2018, 234, 20.	7.7	60
87	TheHerschelExploitation of Local Galaxy Andromeda (HELGA). Astronomy and Astrophysics, 2012, 546, A34.	5.1	59
88	Herschel-ATLAS: Evolution of the 250 Âµm luminosity function out to z=0.5. Astronomy and Astrophysics, 2010, 518, L10.	5.1	58
89	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2011, 535, A13.	5.1	58
90	TheHerschelExploitation of Local Galaxy Andromeda (HELGA). Astronomy and Astrophysics, 2017, 599, A64.	5.1	57

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91	The identification of dust heating mechanisms in nearby galaxies using Herschel 160/250 and 250/350â€‰Î¼m surface brightness ratios. Monthly Notices of the Royal Astronomical Society, 2015, 448, 135-167.	4.4	56
92	Radial distribution of gas and dust in spiral galaxies. Astronomy and Astrophysics, 2010, 518, L72.	5.1	55
93	Herschel-ATLAS: the surprising diversity of dust-selected galaxies in the local submillimetre Universe. Monthly Notices of the Royal Astronomical Society, 2015, 452, 397-430.	4.4	55
94	Massive stars formed in atomic hydrogen reservoirs: Hâ€‰I observations of gamma-ray burst host galaxies. Astronomy and Astrophysics, 2015, 582, A78.	5.1	55
95	Herschel-ATLAS: The angular correlation function of submillimetre galaxies at high and low redshift. Astronomy and Astrophysics, 2010, 518, L11.	5.1	54
96	Dynamical models with a general anisotropy profile. Astronomy and Astrophysics, 2007, 471, 419-432.	5.1	53
97	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2013, 552, A8.	5.1	53
98	Herschel-ATLAS/GAMA: a difference between star formation rates in strong-line and weak-line radio galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2407-2424.	4.4	53
99	The Herschel exploitation of local galaxy Andromeda (HELGA) â€“ V. Strengthening the case for substantial interstellar grain growth. Monthly Notices of the Royal Astronomical Society, 2014, 444, 797-807.	4.4	52
100	Radiative transfer in disc galaxies - II. The influence of scattering and geometry on the attenuation curve. Monthly Notices of the Royal Astronomical Society, 2001, 326, 733-744.	4.4	51
101	TheHerschelExploitation of Local Galaxy Andromeda (HELGA). Astronomy and Astrophysics, 2014, 567, A71.	5.1	51
102	The nature of submillimetre and highly star-forming galaxies in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2440-2454.	4.4	50
103	Using 3D Voronoi grids in radiative transfer simulations. Astronomy and Astrophysics, 2013, 560, A35.	5.1	49
104	SPECTRAL AND MORPHOLOGICAL ANALYSIS OF THE REMNANT OF SUPERNOVA 1987A WITH ALMA AND ATCA. Astrophysical Journal, 2014, 796, 82.	4.5	49
105	The ISM scaling relations in DustPedia late-type galaxies: A benchmark study for the Local Universe. Astronomy and Astrophysics, 2020, 633, A100.	5.1	48
106	A nearby galaxy perspective on dust evolution. Astronomy and Astrophysics, 2021, 649, A18.	5.1	48
107	The Hernquist model revisited: Completely analytical anisotropic dynamical models. Astronomy and Astrophysics, 2002, 393, 485-497.	5.1	47
108	Herschelphotometric observations of the nearby low metallicity irregular galaxy NGC 6822. Astronomy and Astrophysics, 2010, 518, L55.	5.1	47

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109	Panchromatic radiative transfer modelling of stars and dust in the Sombrero galaxy. Monthly Notices of the Royal Astronomical Society, 2012, 419, 895-903.	4.4	47
110	FitSKIRT: genetic algorithms to automatically fit dusty galaxies with a Monte Carlo radiative transfer code. Astronomy and Astrophysics, 2013, 550, A74.	5.1	47
111	Herschel-ATLAS: revealing dust build-up and decline across gas, dust and stellar mass selected samples â€“ I. Scaling relations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4680-4705.	4.4	47
112	A resolved analysis of cold dust and gas in the nearby edge-on spiral NGC 891. Astronomy and Astrophysics, 2014, 565, A4.	5.1	47
113	The bolometric and UV attenuation in normal spiral galaxies of theHerschelReference Survey. Astronomy and Astrophysics, 2016, 586, A13.	5.1	47
114	Radiative transfer in disc galaxies - IV. The effects of dust attenuation on bulge and disc structural parameters. Monthly Notices of the Royal Astronomical Society, 2010, 403, 2053-2062.	4.4	46
115	Observation of H₂O in a strongly lensedHerschel-ATLAS source atz= 2.3. Astronomy and Astrophysics, 2011, 530, L3.	5.1	46
116	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L50.	5.1	45
117	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L54.	5.1	45
118	A DETAILED GRAVITATIONAL LENS MODEL BASED ON SUBMILLIMETER ARRAY AND KECK ADAPTIVE OPTICS IMAGING OF AHERSCHEL-ATLAS SUBMILLIMETER GALAXY ATz= 4.243[,][,]. Astrophysical Journal, 2012, 756, 134.	4.5	45
119	The dust and gas properties of M83. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2917-2929.	4.4	45
120	H-ATLAS: estimating redshifts of Herschel sources from sub-mm fluxes. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2753-2763.	4.4	45
121	REGIONAL VARIATIONS IN THE DENSE GAS HEATING AND COOLING IN M51 FROMHERSCHELFAR-INFRARED SPECTROSCOPY. Astrophysical Journal, 2013, 776, 65.	4.5	45
122	Hierarchical octree andk-d tree grids for 3D radiative transfer simulations. Astronomy and Astrophysics, 2014, 561, A77.	5.1	45
123	Using hierarchical octrees in Monte Carlo radiative transfer simulations. Astronomy and Astrophysics, 2013, 554, A10.	5.1	45
124	The Arecibo Galaxy Environment Survey - II. A Hâ€ƒi view of the Abell cluster 1367 and its outskirts. Monthly Notices of the Royal Astronomical Society, 0, 383, 1519-1537.	4.4	44
125	Isothermal dust models of Herschel-ATLASâ˜… galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2435-2453.	4.4	44
126	Fraction of bolometric luminosity absorbed by dust in DustPedia galaxies. Astronomy and Astrophysics, 2018, 620, A112.	5.1	44

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127	The dwarf low surface brightness galaxy population of the Virgo Cluster - II. Colours and Hâ€ƒi line observations. Monthly Notices of the Royal Astronomical Society, 2005, 357, 819-833.	4.4	43
128	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L51.	5.1	43
129	Benchmarking the calculation of stochastic heating and emissivity of dust grains in the context of radiative transfer simulations. Astronomy and Astrophysics, 2015, 580, A87.	5.1	43
130	The dust morphology of the elliptical Galaxy Mâ€‰86 with SPIRE. Astronomy and Astrophysics, 2010, 518, L45.	5.1	42
131	H-ATLAS: THE COSMIC ABUNDANCE OF DUST FROM THE FAR-INFRARED BACKGROUND POWER SPECTRUM. Astrophysical Journal, 2013, 768, 58.	4.5	42
132	HERSCHEL/SPIRE SUBMILLIMETER SPECTRA OF LOCAL ACTIVE GALAXIES[,]. Astrophysical Journal, 2013, 768, 55.	4.5	41
133	GAMA/H-ATLAS: THE DUST OPACITYâ€“STELLAR MASS SURFACE DENSITY RELATION FOR SPIRAL GALAXIES. Astrophysical Journal, 2013, 766, 59.	4.5	41
134	The selective effect of environment on the atomic and molecular gas-to-dust ratio of nearby galaxies in theHerschelReference Survey. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3574-3584.	4.4	41
135	LENS MODELS OFHERSCHEL-SELECTED GALAXIES FROM HIGH-RESOLUTION NEAR-IR OBSERVATIONS. Astrophysical Journal, 2014, 797, 138.	4.5	40
136	DISCOVERY OF A PSEUDOBULGE GALAXY LAUNCHING POWERFUL RELATIVISTIC JETS. Astrophysical Journal, 2016, 832, 157.	4.5	40
137	The Herschel Bright Sources (HerBS): sample definition and SCUBA-2 observations. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1751-1773.	4.4	40
138	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L52.	5.1	38
139	HERschelObservations of Edge-on Spirals (HEROES). Astronomy and Astrophysics, 2013, 556, A54.	5.1	38
140	The first maps of Îºd â€“ the dust mass absorption coefficient â€“ in nearby galaxies, with DustPedia. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5256-5283.	4.4	38
141	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2010, 518, L53.	5.1	37
142	Herschel/SPIRE observations of the dusty disk of NGCÂ4244. Astronomy and Astrophysics, 2012, 541, L5.	5.1	36
143	CARBON MONOXIDE IN THE COLD DEBRIS OF SUPERNOVA 1987A. Astrophysical Journal Letters, 2013, 773, L34.	8.3	36
144	Spatially-resolved dust properties of the GRB 980425 host galaxy. Astronomy and Astrophysics, 2014, 562, A70.	5.1	36

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145	Large and small-scale structures and the dust energy balance problem in spiral galaxies. Astronomy and Astrophysics, 2015, 576, A31.	5.1	36
146	ALMA spectral survey of Supernova 1987A â€“ molecular inventory, chemistry, dynamics and explosive nucleosynthesis. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3347-3362.	4.4	36
147	Kinematics of elliptical galaxies with a diffuse dust component â€“ III. A Monte Carlo approach to include the effects of scattering. Monthly Notices of the Royal Astronomical Society, 2002, 335, 441-458.	4.4	35
148	HerschelATLAS: The cosmic star formation history of quasar host galaxies. Astronomy and Astrophysics, 2010, 518, L7.	5.1	35
149	Non-conservative evolution in Algols: where is the matter?. Astronomy and Astrophysics, 2015, 577, A55.	5.1	35
150	Modelling high-resolution ALMA observations of strongly lensed highly star-forming galaxies detected by Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4383-4394.	4.4	35
151	Mapping the interstellar medium in galaxies withHerschel/SPIRE. Astronomy and Astrophysics, 2010, 518, L62.	5.1	34
152	TheHerschelVirgo Cluster Survey. Astronomy and Astrophysics, 2012, 545, A75.	5.1	34
153	HERSCHEL-SPIRE FOURIER TRANSFORM SPECTROMETER OBSERVATIONS OF EXCITED CO AND [C I] IN THE ANTENNAE (NGC 4038/39): WARM AND COLD MOLECULAR GAS. Astrophysical Journal, 2014, 781, 101.	4.5	34
154	VALES â€“ III. The calibration between the dust continuum and interstellar gas content of star-forming galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 468, L103-L107.	3.3	34
155	The 30 Year Search for the Compact Object in SN 1987A. Astrophysical Journal, 2018, 864, 174.	4.5	34
156	Radiative equilibrium in Monte Carlo radiative transfer using frequency distribution adjustment. New Astronomy, 2005, 10, 523-533.	1.8	33
157	Herschelphotometric observations of the low metallicity dwarf galaxy NGC 1705. Astronomy and Astrophysics, 2010, 518, L58.	5.1	32
158	GAMA/H-ATLAS: the ultraviolet spectral slope and obscuration in galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1002-1012.	4.4	32
159	Herschel-ATLAS: the link between accretion luminosity and star formation in quasar host galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	32
160	Galaxy Evolution Studies with the SPace IR Telescope for Cosmology and Astrophysics (SPICA): The Power of IR Spectroscopy. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	32
161	Analytical expressions for the deprojected SÃ©rsic model. Astronomy and Astrophysics, 2011, 525, A136.	5.1	31
162	The evolutionary connection between QSOs and SMGs: molecular gas in far-infrared luminous QSOs atzâ€‰â¼â€‰2.5. Monthly Notices of the Royal Astronomical Society, 2012, 426, 3201-3210.	4.4	31

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163	Herschel-ATLAS: VISTA VIKING near-infrared counterparts in the Phase 1 GAMA 9-h data^{â˜…}. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2407-2424.	4.4	31
164	Candidate high-z protoclusters among the Planck compact sources, as revealed by Herschelâ€“SPIRE. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3336-3359.	4.4	31
165	The high-redshift SFRâ€“M* relation is sensitive to the employed star formation rate and stellar mass indicators: towards addressing the tension between observations and simulations. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5592-5606.	4.4	30
166	Metallicity and age gradients in round elliptical galaxies. Astronomy and Astrophysics, 2007, 467, 991-1001.	5.1	29
167	Herschel-SPIRE observations of the disturbed galaxy NGCâ€‰4438. Astronomy and Astrophysics, 2010, 518, L63.	5.1	29
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