

Maarten Baes

List of Publications by Year in descending order

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Version: 2024-02-01

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	Modelling the cold dust in nearby spiral galaxies with radiative transfer. EPJ Web of Conferences, 2022, 257, 00034.	0.3	0
2	First Light And Reionisation Epoch Simulations (FLARES) – III. The properties of massive dusty galaxies at cosmic dawn. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4999-5017.	4.4	19
3	MIGHTEE – the size – mass relation over the last billion years. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2697-2706.	4.4	6
4	High-resolution synthetic UV-submm images for Milky Way-mass simulated galaxies from the ARTEMIS project. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2728-2749.	4.4	16
5	A new analytical scattering phase function for interstellar dust. Astronomy and Astrophysics, 2022, 659, A149.	5.1	2
6	Self-consistent dynamical models with a finite extent – I. The uniform density sphere. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2266-2276.	4.4	3
7	The Interstellar Medium in the Environment of the Supernova-less Long-duration GRB 111005A. Astrophysical Journal, Supplement Series, 2022, 259, 67.	7.7	5
8	MIGHTEE – H ₂ . The relation between the H ₂ gas in galaxies and the cosmic web. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2168-2177.	4.4	9
9	ALF0CS – II. Unexpectedly low gas-to-dust ratios in the Fornax galaxy cluster. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4723-4742.	4.4	7
10	The dynamical structure of broken power-law and double power-law models for dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2955-2965.	4.4	11
11	A nearby galaxy perspective on dust evolution. Astronomy and Astrophysics, 2021, 649, A18.	5.1	48
12	High-resolution synthetic UV-submm images for simulated Milky Way-type galaxies from the Auriga project. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5703-5720.	4.4	18
13	Probing the spectral shape of dust emission with the DustPedia galaxy sample. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3986-3995.	4.4	4
14	Effects of Spatial Discretization in Ly α Line Radiation Transfer Simulations. Astrophysical Journal, 2021, 916, 39.	4.5	11
15	SpheCow: Flexible dynamical models for galaxies and dark matter haloes. Astronomy and Astrophysics, 2021, 652, A36.	5.1	5
16	Polarised emission from aligned dust grains in nearby galaxies: Predictions from the Auriga simulations. Astronomy and Astrophysics, 2021, 653, A34.	5.1	12
17	The differential energy distribution and the total integrated binding energy of dynamical models. Astronomy and Astrophysics, 2021, 653, A140.	5.1	6
18	Geometry effects on dust attenuation curves with different grain sources at high redshift. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2755-2765.	4.4	10

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19	Predicting far-infrared maps of galaxies via machine learning techniques. <i>Astronomy and Astrophysics</i> , 2021, 655, A34.	5.1	0
20	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020, 637, A25.	5.1	22
21	ALFoCS + Fornax3D: resolved star formation in the Fornax cluster with ALMA and MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2155-2182.	4.4	26
22	The ISM scaling relations in DustPedia late-type galaxies: A benchmark study for the Local Universe. <i>Astronomy and Astrophysics</i> , 2020, 633, A100.	5.1	48
23	SKIRT 9: Redesigning an advanced dust radiative transfer code to allow kinematics, line transfer and polarization by aligned dust grains. <i>Astronomy and Computing</i> , 2020, 31, 100381.	1.7	74
24	Infrared luminosity functions and dust mass functions in the EAGLE simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2912-2924.	4.4	16
25	The high-redshift $SFR \propto M^*$ relation is sensitive to the employed star formation rate and stellar mass indicators: towards addressing the tension between observations and simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5592-5606.	4.4	30
26	Evidence of Dust Grain Evolution from Extinction Mapping in the IC 63 Photodissociation Region*. <i>Astrophysical Journal</i> , 2020, 888, 22.	4.5	11
27	Predicting the global far-infrared SED of galaxies via machine learning techniques. <i>Astronomy and Astrophysics</i> , 2020, 634, A57.	5.1	10
28	The Nuker model for galactic nuclei. <i>Astronomy and Astrophysics</i> , 2020, 634, A109.	5.1	6
29	Reproducing the Universe: a comparison between the EAGLE simulations and the nearby DustPedia galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2823-2838.	4.4	28
30	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020, 637, A24.	5.1	17
31	Nonparametric galaxy morphology from UV to submm wavelengths. <i>Astronomy and Astrophysics</i> , 2020, 641, A119.	5.1	17
32	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020, 643, A90.	5.1	13
33	VALES. <i>Astronomy and Astrophysics</i> , 2020, 643, A78.	5.1	8
34	CosTuuM: Polarized Thermal Dust Emission by Magnetically Oriented Spheroidal Grains. <i>Astronomical Journal</i> , 2020, 160, 55.	4.7	6
35	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020, 638, A150.	5.1	14
36	DustPedia: the relationships between stars, gas, and dust for galaxies residing in different environments. <i>Astronomy and Astrophysics</i> , 2019, 626, A63.	5.1	17

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37	High-resolution radiative transfer modelling of M33. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2753-2770.	4.4	24
38	The first maps of τ_{d} the dust mass absorption coefficient in nearby galaxies, with DustPedia. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5256-5283.	4.4	38
39	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
40	A low-frequency study of recently identified double-double radio galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5158-5170.	4.4	14
41	Morphology-assisted galaxy mass-to-light predictions using deep learning. Astronomy and Astrophysics, 2019, 624, A102.	5.1	7
42	The cosmic spectral energy distribution in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4069-4082.	4.4	17
43	Revealing the dust attenuation properties on resolved scales in NGC 628 with SWIFT UVOT data. Monthly Notices of the Royal Astronomical Society, 2019, 486, 743-767.	4.4	23
44	Old and young stellar populations in DustPedia galaxies and their role in dust heating. Astronomy and Astrophysics, 2019, 624, A80.	5.1	80
45	VALES V: a kinematic analysis of the molecular gas content in H-ATLAS galaxies at $z \sim 0.03-0.35$ using ALMA. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1499-1524.	4.4	6
46	Dust emission profiles of DustPedia galaxies. Astronomy and Astrophysics, 2019, 622, A132.	5.1	23
47	Predicting the global far-infrared emission of galaxies. Proceedings of the International Astronomical Union, 2019, 15, 114-118.	0.0	0
48	High-resolution radiation transfer modelling of barred galaxies. Proceedings of the International Astronomical Union, 2019, 15, 65-69.	0.0	0
49	Panchromatic SED fitting codes and modelling techniques. Proceedings of the International Astronomical Union, 2019, 15, 26-34.	0.0	3
50	Optical depth in polarised Monte Carlo radiative transfer. Astronomy and Astrophysics, 2019, 630, A61.	5.1	6
51	An Evolving and Mass-dependent $\tau_{\text{d}} \propto M_{\text{SFR}}$ Relation for Galaxies. Astrophysical Journal, 2019, 879, 11.	4.5	24
52	A systematic metallicity study of DustPedia galaxies reveals evolution in the dust-to-metal ratios. Astronomy and Astrophysics, 2019, 623, A5.	5.1	135
53	Dust emissivity and absorption cross section in DustPedia late-type galaxies. Astronomy and Astrophysics, 2019, 631, A102.	5.1	19
54	Stellar systems following the $R \propto M^{-1}$ luminosity law. Astronomy and Astrophysics, 2019, 630, A113.	5.1	8

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55	Stellar systems following the $R^{1/m}$ luminosity law. <i>Astronomy and Astrophysics</i> , 2019, 626, A110.	5.1	9
56	The ALMA Fornax Cluster Survey I: stirring and stripping of the molecular gas in cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2251-2268.	4.4	62
57	Probing the Baryon Cycle of Galaxies with SPICA Mid- and Far-Infrared Observations. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	3.4	11
58	The Herschel Bright Sources (HerBS): sample definition and SCUBA-2 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1751-1773.	4.4	40
59	Fraction of bolometric luminosity absorbed by dust in DustPedia galaxies. <i>Astronomy and Astrophysics</i> , 2018, 620, A112.	5.1	44
60	DustPedia: Multiwavelength photometry and imagery of 875 nearby galaxies in 42 ultraviolet-microwave bands. <i>Astronomy and Astrophysics</i> , 2018, 609, A37.	5.1	81
61	The causes of the red sequence, the blue cloud, the green valley, and the green mountain. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1183-1194.	4.4	28
62	Molecular gas masses of gamma-ray burst host galaxies. <i>Astronomy and Astrophysics</i> , 2018, 617, A143.	5.1	19
63	Candidate high-z protoclusters among the Planck compact sources, as revealed by Herschel SPIRE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3336-3359.	4.4	31
64	HERschel Observations of Edge-on Spirals (HEROES). <i>Astronomy and Astrophysics</i> , 2018, 616, A120.	5.1	26
65	Modelling high-resolution ALMA observations of strongly lensed highly star-forming galaxies detected by Herschel.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4383-4394.	4.4	35
66	The 30 Year Search for the Compact Object in SN 1987A. <i>Astrophysical Journal</i> , 2018, 864, 174.	4.5	34
67	GAMA/H-ATLAS: the local dust mass function and cosmic density as a function of galaxy type – a benchmark for models of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1077-1099.	4.4	28
68	NGC 5626: a massive fast rotator with a twist. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 474, L47-L51.	3.3	1
69	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4939-4952.	4.4	16
70	Data Release of UV to Submillimeter Broadband Fluxes for Simulated Galaxies from the EAGLE Project. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 20.	7.7	60
71	The Failure of Monte Carlo Radiative Transfer at Medium to High Optical Depths. <i>Astrophysical Journal</i> , 2018, 861, 80.	4.5	18
72	Tale of J1328+2752: a misaligned double radio galaxy hosted by a binary black hole?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 467, L56-L60.	3.3	7

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73	Observations of apparent superslow wave propagation in solar prominences. <i>Astronomy and Astrophysics</i> , 2017, 602, A75.	5.1	8
74	SKIRT: Hybrid parallelization of radiative transfer simulations. <i>Astronomy and Computing</i> , 2017, 20, 16-33.	1.7	24
75	VALES. <i>Astronomy and Astrophysics</i> , 2017, 602, A49.	5.1	20
76	DustPedia: A Definitive Study of Cosmic Dust in the Local Universe. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 044102.	3.1	88
77	The <i>Herschel</i> -ATLAS: a sample of 500 $\lambda_{4\text{m}}$ -selected lensed galaxies over $600^\circ \times 2^\circ$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3558-3580.	4.4	96
78	<i>Herschel</i> -ATLAS: revealing dust build-up and decline across gas, dust and stellar mass selected samples. I. Scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4680-4705.	4.4	47
79	Polarization in Monte Carlo radiative transfer and dust scattering polarization signatures of spiral galaxies. <i>Astronomy and Astrophysics</i> , 2017, 601, A92.	5.1	25
80	Probing the cold and warm molecular gas in the Whirlpool Galaxy: <i>Herschel</i> SPIRE-FTS observations of the central region of M51 (NGC 5194). <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4989-5006.	4.4	6
81	VALES I: the molecular gas content in star-forming dusty H-ATLAS galaxies up to $z = 0.35$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3775-3805.	4.4	27
82	Unbiased Large Spectroscopic Surveys of Galaxies Selected by SPICA Using Dust Bands. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	12
83	Tracing the Evolution of Dust Obscured Star Formation and Accretion Back to the Reionisation Epoch with <i>SPICA</i> . <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	15
84	Galaxy Evolution Studies with the <i>SPace</i> IR Telescope for Cosmology and Astrophysics (<i>SPICA</i>): The Power of IR Spectroscopy. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	32
85	Measuring the dust content and formation in SN 1987A using detailed radiative transfer modelling. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 300-303.	0.0	0
86	<i>SPICA</i> and the Chemical Evolution of Galaxies: The Rise of Metals and Dust. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	15
87	Analytical expressions and numerical evaluation of the luminosity distance in a flat cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 927-930.	4.4	12
88	Optical colours and spectral indices of $z \approx 0.1$ eagle galaxies with the 3D dust radiative transfer code skirt. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 771-799.	4.4	152
89	Using dust, gas and stellar mass-selected samples to probe dust sources and sinks in low-metallicity galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1743-1765.	4.4	63
90	ALMA spectral survey of Supernova 1987A – molecular inventory, chemistry, dynamics and explosive nucleosynthesis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3347-3362.	4.4	36

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91	MUSE stares into the shadows: the high-resolution dust attenuation curve of NGC 5626. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1286-1299.	4.4	17
92	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
93	The Herschel Exploitation of Local Galaxy Andromeda (HELGA). Astronomy and Astrophysics, 2017, 599, A64.	5.1	57
94	Radial distribution of dust, stars, gas, and star-formation rate in DustPedia face-on galaxies. Astronomy and Astrophysics, 2017, 605, A18.	5.1	93
95	The interstellar medium in Andromeda's dwarf spheroidal galaxies â€“ II. Multiphase gas content and ISM conditions. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3741-3758.	4.4	4
96	Testing baryon-induced core formation in Λ CDM: A comparison of the DC14 and coreNFW dark matter halo models on galaxy rotation curves. Astronomy and Astrophysics, 2017, 605, A55.	5.1	12
97	ALMA observations of Molecules in Supernova 1987A. Proceedings of the International Astronomical Union, 2017, 12, 294-299.	0.0	0
98	The Herschel Virgo Cluster Survey. Astronomy and Astrophysics, 2017, 597, A130.	5.1	20
99	MULTI-WAVELENGTH LENS RECONSTRUCTION OF A PLANCK AND HERSCHEL-DETECTED STAR-BURSTING GALAXY. Astrophysical Journal, 2016, 829, 21.	4.5	9
100	GRB 980425 host: [Câ€“II], [Oâ€“I], and CO lines reveal recent enhancement of star formation due to atomic gas inflow. Astronomy and Astrophysics, 2016, 595, A72.	5.1	29
101	The Herschel Virgo Cluster Survey. Astronomy and Astrophysics, 2016, 589, A11.	5.1	11
102	HERschel Observations of Edge-on Spirals (HEROES). Astronomy and Astrophysics, 2016, 592, A71.	5.1	25
103	The spatially resolved correlation between [NII] 205 μ m line emission and the 24 μ m continuum in nearby galaxies. Astronomy and Astrophysics, 2016, 587, A45.	5.1	6
104	DISCOVERY OF A PSEUDOBULGE GALAXY LAUNCHING POWERFUL RELATIVISTIC JETS. Astrophysical Journal, 2016, 832, 157.	4.5	40
105	H-ATLAS: a candidate high redshift cluster/protocluster of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1719-1733.	4.4	25
106	Pinwheels in the sky, with dust: 3D modelling of the Wolfâ€“Rayet 98a environment. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3975-3991.	4.4	28
107	Far-reaching dust distribution in galaxy discs. Monthly Notices of the Royal Astronomical Society, 2016, 462, 331-344.	4.4	27
108	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

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109	Radiative transfer in disc galaxies – V. The accuracy of the. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2912-2921.	4.4	5
110	Composite biasing in Monte Carlo radiative transfer. Astronomy and Astrophysics, 2016, 590, A55.	5.1	28
111	H-ATLAS/GAMA: the nature and characteristics of optically red galaxies detected at submillimetre wavelengths. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2221-2259.	4.4	18
112	The interstellar medium in Andromeda's dwarf spheroidal galaxies – I. Content and origin of the interstellar dust. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3900-3916.	4.4	11
113	The eagle simulations of galaxy formation: Public release of halo and galaxy catalogues. Astronomy and Computing, 2016, 15, 72-89.	1.7	394
114	The dust covering factor in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2288-2302.	4.4	219
115	The selective effect of environment on the atomic and molecular gas-to-dust ratio of nearby galaxies in the <i>Herschel</i> Reference Survey. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3574-3584.	4.4	41
116	The imprint of rapid star formation quenching on the spectral energy distributions of galaxies. Astronomy and Astrophysics, 2016, 585, A43.	5.1	81
117	The bolometric and UV attenuation in normal spiral galaxies of the <i>Herschel</i> Reference Survey. Astronomy and Astrophysics, 2016, 586, A13.	5.1	47
118	The nature of the UV halo around the spiral galaxy NGC 3628. Astronomy and Astrophysics, 2016, 587, A86.	5.1	11
119	Large and small-scale structures and the dust energy balance problem in spiral galaxies. Astronomy and Astrophysics, 2015, 576, A31.	5.1	36
120	G2C2 – IV. A novel approach to study the radial distributions of multiple populations in Galactic globular clusters. Monthly Notices of the Royal Astronomical Society, 2015, 451, 275-281.	4.4	15
121	NGC 4370: a case study for testing our ability to infer dust distribution and mass in nearby galaxies. Astronomy and Astrophysics, 2015, 579, A103.	5.1	13
122	The <i>Herschel</i> Virgo Cluster Survey. Astronomy and Astrophysics, 2015, 573, A129.	5.1	14
123	The <i>Herschel</i> Virgo Cluster Survey. Astronomy and Astrophysics, 2015, 574, A126.	5.1	22
124	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
125	Disk mass and disk heating in the spiral galaxy NGC 3223. Astronomy and Astrophysics, 2015, 576, A57.	5.1	10
126	Insights into gas heating and cooling in the disc of NGC 891 from <i>Herschel</i> far-infrared spectroscopy. Astronomy and Astrophysics, 2015, 575, A17.	5.1	27

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127	The <i>Herschel</i> Dwarf Galaxy Survey. <i>Astronomy and Astrophysics</i> , 2015, 578, A53.	5.1	163
128	Inflow of atomic gas fuelling star formation. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 229-230.	0.0	0
129	Non-conservative evolution in Algols: where is the matter?. <i>Astronomy and Astrophysics</i> , 2015, 577, A55.	5.1	35
130	Dust energy balance study of two edge-on spiral galaxies in the <i>Herschel</i> -ATLAS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1728-1739.	4.4	28
131	G2C2 – III. Structural parameters for Galactic globular clusters in SDSS passbands. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2692-2707.	4.4	9
132	H-ATLAS/GAMA: quantifying the morphological evolution of the galaxy population using cosmic calorimetry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3489-3507.	4.4	16
133	<i>SPITZER</i> IMAGING OF STRONGLY LENSED <i>HERSCHEL</i> -SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 814, 17.	4.5	9
134	<i>Herschel</i> -ATLAS: the surprising diversity of dust-selected galaxies in the local submillimetre Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 397-430.	4.4	55
135	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 521-554.	4.4	2,549
136	A STUBBORNLY LARGE MASS OF COLD DUST IN THE EJECTA OF SUPERNOVA 1987A. <i>Astrophysical Journal</i> , 2015, 800, 50.	4.5	148
137	The relationship between polycyclic aromatic hydrocarbon emission and far-infrared dust emission from NGC 2403 and M83. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 168-187.	4.4	10
138	THE <i>HERSCHEL</i> EXPLOITATION OF LOCAL GALAXY ANDROMEDA (HELGA). VI. THE DISTRIBUTION AND PROPERTIES OF MOLECULAR CLOUD ASSOCIATIONS IN M31. <i>Astrophysical Journal</i> , 2015, 798, 58.	4.5	18
139	The identification of dust heating mechanisms in nearby galaxies using <i>Herschel</i> 160/250 and 250/350 μm surface brightness ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 135-167.	4.4	56
140	H-ATLAS/GAMA and HeViCS – dusty early-type galaxies in different environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3815-3835.	4.4	15
141	Far-infrared observations of an unbiased sample of gamma-ray burst host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1494-1503.	4.4	11
142	A multiwavelength exploration of the $[C\text{II}]/IR$ ratio in H-ATLAS/GAMA galaxies out to $z \approx 0.2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2498-2513.	4.4	24
143	EXTINCTION AND NEBULAR LINE PROPERTIES OF A <i>HERSCHEL</i> -SELECTED LENSED DUSTY STARBURST AT $z = 1.027$. <i>Astrophysical Journal</i> , 2015, 805, 140.	4.5	8
144	SKIRT: An advanced dust radiative transfer code with a user-friendly architecture. <i>Astronomy and Computing</i> , 2015, 9, 20-33.	1.7	198

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145	SKIRT: The design of a suite of input models for Monte Carlo radiative transfer simulations. <i>Astronomy and Computing</i> , 2015, 12, 33-44.	1.7	70
146	Revealing the cold dust in low-metallicity environments (Corrigendum). <i>Astronomy and Astrophysics</i> , 2015, 573, C1.	5.1	4
147	Spatially resolved physical conditions of molecular gas and potential star formation tracers in M83, revealed by the <i>Herschel</i> SPIRE FTS. <i>Astronomy and Astrophysics</i> , 2015, 575, A88.	5.1	27
148	Linking dust emission to fundamental properties in galaxies: the low-metallicity picture. <i>Astronomy and Astrophysics</i> , 2015, 582, A121.	5.1	118
149	Massive stars formed in atomic hydrogen reservoirs: <i>Herschel</i> observations of gamma-ray burst host galaxies. <i>Astronomy and Astrophysics</i> , 2015, 582, A78.	5.1	55
150	<i>Herschel</i> Observations of Edge-on Spirals (HEROES). <i>Astronomy and Astrophysics</i> , 2015, 582, A18.	5.1	15
151	High-resolution, 3D radiative transfer modeling. <i>Astronomy and Astrophysics</i> , 2014, 571, A69.	5.1	79
152	The applicability of far-infrared fine-structure lines as star formation rate tracers over wide ranges of metallicities and galaxy types. <i>Astronomy and Astrophysics</i> , 2014, 568, A62.	5.1	296
153	The <i>Herschel</i> Virgo Cluster Survey – XVI. A cluster inventory.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 1922-1947.	4.4	18
154	<i>Herschel</i> – ATLAS/GAMA: SDSS cross-correlation induced by weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2680-2690.	4.4	21
155	PACS photometry of the <i>Herschel</i> Reference Survey – far-infrared/submillimetre colours as tracers of dust properties in nearby galaxies.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 942-956.	4.4	89
156	<i>Herschel</i> – ATLAS: deep HST/WFC3 imaging of strongly lensed submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1999-2012.	4.4	63
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