

The Interstellar Dust Properties of Nearby Galaxies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dwarf Galaxies: Their Low Metallicity Interstellar Medium. Proceedings of the International Astronomical Union, 2018, 14, 240-254.	0.0	6
2	Fraction of bolometric luminosity absorbed by dust in DustPedia galaxies. Astronomy and Astrophysics, 2018, 620, A112.	2.1	44
3	A Theory for the Variation of Dust Attenuation Laws in Galaxies. Astrophysical Journal, 2018, 869, 70.	1.6	85
4	A deeper look at the dust attenuation law of star-forming galaxies at high redshift. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2301-2311.	1.6	7
5	Thermal and non-thermal dust sputtering in hydrodynamical simulations of the multiphase interstellar medium. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3252-3269.	1.6	39
6	Investigation of the origin of the anomalous microwave emission in Lambda-Orionis. Publication of the Astronomical Society of Japan, 2019, 71, .	1.0	8
7	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.	1.6	38
8	The infrared-luminous progenitors of high- z quasars. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1256-1264.	1.6	10
9	Modeling ionized gas in low-metallicity environments: the Local Group dwarf galaxy IC 10. Astronomy and Astrophysics, 2019, 622, A119.	2.1	17
10	Old and young stellar populations in DustPedia galaxies and their role in dust heating. Astronomy and Astrophysics, 2019, 624, A80.	2.1	80
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13	A hierarchical bayesian dust SED model and its application to the nearby universe. Proceedings of the International Astronomical Union, 2019, 15, 138-142.	0.0	0
14	Dust evolution: Going beyond the empirical. Proceedings of the International Astronomical Union, 2019, 15, 53-60.	0.0	1
15	Panchromatic SED fitting codes and modelling techniques. Proceedings of the International Astronomical Union, 2019, 15, 26-34.	0.0	3
16	A systematic metallicity study of DustPedia galaxies reveals evolution in the dust-to-metal ratios. Astronomy and Astrophysics, 2019, 623, A5.	2.1	135
17	Dust emissivity and absorption cross section in DustPedia late-type galaxies. Astronomy and Astrophysics, 2019, 631, A102.	2.1	19
18	Threshold Dissociation of the 1-ethynylpyrene Cation at Internal Energies Relevant to H I Regions. Astrophysical Journal, 2019, 885, 21.	1.6	4

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20	M 31 circum-nuclear region: A molecular survey with the IRAM interferometer. <i>Astronomy and Astrophysics</i> , 2019, 625, A148.	2.1	2
21	Learning mid-IR emission spectra of polycyclic aromatic hydrocarbon populations from observations. <i>Astronomy and Astrophysics</i> , 2019, 632, A84.	2.1	11
22	The Fornax 3D project: dust mix and gas properties in the centre of early-type galaxy FCC 167. <i>Astronomy and Astrophysics</i> , 2019, 622, A89.	2.1	13
23	Understanding the Discrepancy between IRX and Balmer Decrement in Tracing Galaxy Dust Attenuation. <i>Astrophysical Journal</i> , 2019, 886, 28.	1.6	16
24	Metals and dust content across the galaxies M101 and NGC628. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4968-4983.	1.6	34
25	Systematic errors in dust mass determinations: insights from laboratory opacity measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 4666-4686.	1.6	9
26	ALMA twenty-six arcmin ² survey of GOODS-S at one millimeter (ASAGAO): Millimeter properties of stellar mass selected galaxies. <i>Publication of the Astronomical Society of Japan</i> , 2020, 72, .	1.0	7
27	Spectral energy distributions of dust and PAHs based on the evolution of grain size distribution in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3046-3060.	1.6	7
28	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020, 637, A25.	2.1	22
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30	A radiative transfer model for the spiral galaxy M33.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 835-863.	1.6	11
31	The CO-dark molecular gas mass in 30 Doradus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5279-5292.	1.6	24
32	Theoretical clues about dust accumulation and galaxy obscuration at high and low redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1701-1720.	1.6	0
33	Less than the sum of its parts: the dust-corrected L_{\pm} luminosity of star-forming galaxies explored at different spatial resolutions with MaNGA and MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4205-4221.	1.6	9
34	A detailed look at the stellar populations in green valley galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2720-2737.	1.6	16
35	Evolution of grain size distribution in galactic discs. <i>Astronomy and Astrophysics</i> , 2020, 636, A18.	2.1	15
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44	Reproducing the Universe: a comparison between the EAGLE simulations and the nearby DustPedia galaxy sample. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2823-2838.	1.6	28
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54	Benchmarking Dust Emission Models in M101. Astrophysical Journal, 2021, 912, 103.	1.6	14
55	BEDE: Bayesian estimates of dust evolution for nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3228-3246.	1.6	11

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56	The Heraklion Extragalactic Catalogue (HECATE): a value-added galaxy catalogue for multimessenger astrophysics. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1896-1915.	1.6	17
57	Probing the progenitors of Type Ia supernovae using circumstellar material interaction signatures. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4367-4388.	1.6	5
58	Probing the spectral shape of dust emission with the DustPedia galaxy sample. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3986-3995.	1.6	4
59	Effects of Spatial Discretization in Ly α Line Radiation Transfer Simulations. Astrophysical Journal, 2021, 916, 39.	1.6	11
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66	High-resolution, 3D radiative transfer modelling. Astronomy and Astrophysics, 2020, 637, A24.	2.1	17
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71	A deep learning approach to test the small-scale galaxy morphology and its relationship with star formation activity in hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4359-4382.	1.6	38
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78	Exploring the dust content of galactic haloes with Herschel â€“ IV. NGCâ3079. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4902-4918.	1.6	2
79	Predicting far-infrared maps of galaxies via machine learning techniques. <i>Astronomy and Astrophysics</i> , 2021, 655, A34.	2.1	0
80	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020, 638, A150.	2.1	14
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82	The interstellar dust emission spectrum. <i>Astronomy and Astrophysics</i> , 2022, 659, A70.	2.1	2
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87	Searching for anomalous microwave emission in nearby galaxies. <i>Astronomy and Astrophysics</i> , 2022, 658, L8.	2.1	5
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89	IQ Collaboratory. III. The Empirical Dust Attenuation Frameworkâ€”Taking Hydrodynamical Simulations with a Grain of Dust. <i>Astrophysical Journal</i> , 2022, 926, 122.	1.6	10
90	Dust Extinction Law in Nearby Star-resolved Galaxies. I. M31 Traced by Supergiants. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 12.	3.0	6
91	The ALMA REBELS Survey. Epoch of Reionization giants: Properties of dusty galaxies at <i>z</i> â‰‰ 7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 58-72.	1.6	44

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92	Quantifying the cool ISM in radio AGNs: evidence for late-time retriggering by galaxy mergers and interactions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 86-103.	1.6	6
93	METAL: The Metal Evolution, Transport, and Abundance in the Large Magellanic Cloud Hubble Program. III. Interstellar Depletions, Dust-to-Metal, and Dust-to-Gas Ratios versus Metallicity. <i>Astrophysical Journal</i> , 2022, 928, 90.	1.6	9
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98	ALMA Observations of Molecular Complexity in the Large Magellanic Cloud: The N 105 Star-forming Region. <i>Astrophysical Journal</i> , 2022, 931, 102.	1.6	9
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100	Dust Extinction Law in Nearby Star-resolved Galaxies. II. M33 Traced by Supergiants. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 41.	3.0	5
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109	From Clusters to Proto-Clusters: The Infrared Perspective on Environmental Galaxy Evolution. <i>Universe</i> , 2022, 8, 554.	0.9	11

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116	PHANGSâ€“JWST First Results: Duration of the Early Phase of Massive Star Formation in NGC 628. <i>Astrophysical Journal Letters</i> , 2023, 944, L20.	3.0	14
117	PHANGSâ€“JWST First Results: The 21 Î¼m Compact Source Population. <i>Astrophysical Journal Letters</i> , 2023, 944, L21.	3.0	13
118	PHANGSâ€“JWST First Results: Rapid Evolution of Star Formation in the Central Molecular Gas Ring of NGC 1365. <i>Astrophysical Journal Letters</i> , 2023, 944, L15.	3.0	13
119	PHANGSâ€“JWST First Results: Tracing the Diffuse Interstellar Medium with JWST Imaging of Polycyclic Aromatic Hydrocarbon Emission in Nearby Galaxies. <i>Astrophysical Journal Letters</i> , 2023, 944, L8.	3.0	16
120	Kpc-scale properties of dust temperature in terms of dust mass and star formation activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 5506-5520.	1.6	3
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126	The Quest for the Missing Dust. II. Two Orders of Magnitude of Evolution in the Dust-to-gas Ratio Resolved within Local Group Galaxies. <i>Astrophysical Journal</i> , 2023, 946, 42.	1.6	4
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