

D J Eden

List of Publications by Year in descending order

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73
papers

2,104
citations

236925

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254184

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all docs

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docs citations

73
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	The SEDIGISM survey: The influence of spiral arms on the molecular gas distribution of the inner Milky Way. <i>Astronomy and Astrophysics</i> , 2022, 658, A54.	5.1	9
2	ATLASGAL " evolutionary trends in high-mass star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3389-3407.	4.4	26
3	The SEDIGISM survey: A search for molecular outflows. <i>Astronomy and Astrophysics</i> , 2022, 658, A160.	5.1	17
4	Ammonia Emission in Various Star-forming Environments: A Pilot Study of Planck Galactic Cold Clumps. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 17.	7.7	4
5	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of a Dense SiO Jet in the Evolved Protostellar Phase. <i>Astrophysical Journal</i> , 2022, 925, 11.	4.5	6
6	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. <i>Astrophysical Journal</i> , 2022, 926, 163.	4.5	16
7	The SEDIGISM survey: Molecular cloud morphology. <i>Astronomy and Astrophysics</i> , 2022, 663, A56.	5.1	6
8	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): A Hot Corino Survey toward Protostellar Cores in the Orion Cloud. <i>Astrophysical Journal</i> , 2022, 927, 218.	4.5	16
9	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Deriving Inclination Angle and Velocity of the Protostellar Jets from Their SiO Knots. <i>Astrophysical Journal Letters</i> , 2022, 931, L5.	8.3	7
10	Nobeyama Survey of Inward Motions toward Cores in Orion Identified by SCUBA-2. <i>Astrophysical Journal</i> , 2022, 931, 33.	4.5	2
11	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Evidence for a Molecular Jet Launched at an Unprecedented Early Phase of Protostellar Evolution. <i>Astrophysical Journal</i> , 2022, 931, 130.	4.5	6
12	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): How Do Dense Core Properties Affect the Multiplicity of Protostars?. <i>Astrophysical Journal</i> , 2022, 931, 158.	4.5	4
13	Solenoidal turbulent modes and star formation efficiency in Galactic plane molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 271-285.	4.4	3
14	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of Extremely High-density Compact Structure of Prestellar Cores and Multiple Substructures Within. <i>Astrophysical Journal Letters</i> , 2021, 907, L15.	8.3	16
15	Observations of Magnetic Fields Surrounding LkH 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
16	Dust polarized emission observations of NGC 6334. <i>Astronomy and Astrophysics</i> , 2021, 647, A78.	5.1	41
17	The Hi-GAL compact source catalogue " II. The 360° catalogue of clump physical properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2742-2766.	4.4	45
18	The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. <i>Astrophysical Journal Letters</i> , 2021, 912, L27.	8.3	21

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19	Characterization of dense <i>Planck</i> clumps observed with <i>Herschel</i> and SCUBA-2. <i>Astronomy and Astrophysics</i> , 2021, 654, A123.	5.1	3
20	Molecular Cloud Cores with High Deuterium Fractions: Nobeyama Mapping Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 25.	7.7	5
21	The JCMT BISTRO Survey: An 850/450 μ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
22	Planck Galactic Cold Clumps at High Galactic Latitude—a Study with CO Lines. <i>Astrophysical Journal</i> , 2021, 920, 103.	4.5	4
23	The HASHTAG Project: The First Submillimeter Images of the Andromeda Galaxy from the Ground. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 52.	7.7	5
24	The MALATANG survey: dense gas and star formation from high-transition HCN and HCO ⁺ maps of NGC 253. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1276-1296.	4.4	9
25	The SEDIGISM survey: First Data Release and overview of the Galactic structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3064-3082.	4.4	53
26	The SEDIGISM survey: molecular clouds in the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3027-3049.	4.4	35
27	ATLASGAL—the relationship between dense star-forming clumps and interstellar masers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2744-2759.	4.4	10
28	SEDIGISM-ATLASGAL: dense gas fraction and star formation efficiency across the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3050-3063.	4.4	21
29	CHIMPS2: survey description and 12CO emission in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5936-5951.	4.4	21
30	The HASHTAG project I. A survey of CO(3 \rightarrow 2) emission from the star forming disc of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 195-209.	4.4	3
31	The Hi-GAL catalogue of dusty filamentary structures in the Galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5420-5456.	4.4	40
32	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). I. Detection of New Hot Corinos with the ACA. <i>Astrophysical Journal</i> , 2020, 898, 107.	4.5	18
33	The Turbulent Gas Structure in the Centers of NGC 253 and the Milky Way. <i>Astrophysical Journal</i> , 2020, 899, 158.	4.5	9
34	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). II. Survey Overview: A First Look at 1.3 mm Continuum Maps and Molecular Outflows. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 20.	7.7	22
35	Characteristic scale of star formation—the I. Clump formation efficiency on local scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 191-210.	4.4	4
36	Submillimeter Continuum Variability in Planck Galactic Cold Clumps. <i>Astrophysical Journal, Supplement Series</i> , 2019, 242, 27.	7.7	0

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37	The RMS survey: Ammonia mapping of the environment of young massive stellar objects â€“ IIâ€“.... Monthly Notices of the Royal Astronomical Society, 2019, 483, 3146-3167.	4.4	5
38	SCOPE: SCUBA-2 Continuum Observations of Pre-protostellar Evolution â€“ survey description and compact source catalogue. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2895-2908.	4.4	22
39	Star formation in IRDC G31.97+0.07. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3334-3351.	4.4	5
40	CHIMPS: physical properties of molecular clumps across the inner Galaxy. Astronomy and Astrophysics, 2019, 632, A58.	5.1	26
41	Multi-scale analysis of the Monoceros OB 1 star-forming region. Astronomy and Astrophysics, 2019, 631, A3.	5.1	20
42	Multi-scale analysis of the Monoceros OB 1 star-forming region. Astronomy and Astrophysics, 2019, 631, L1.	5.1	11
43	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. Astrophysical Journal, 2019, 883, 95.	4.5	38
44	The Properties of Planck Galactic Cold Clumps in the L1495 Dark Cloud. Astrophysical Journal, 2018, 856, 141.	4.5	19
45	ATLASGAL â€“ properties of a complete sample of Galactic clumpsâ€“.... Monthly Notices of the Royal Astronomical Society, 2018, 473, 1059-1102.	4.4	204
46	The TOP-SCOPE Survey of <i>Planck</i> Galactic Cold Clumps: Survey Overview and Results of an Exemplar Source, PGCC G26.53+0.17. Astrophysical Journal, Supplement Series, 2018, 234, 28.	7.7	50
47	Extreme star formation in the Milky Way: luminosity distributions of young stellar objects in W49A and W51. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3369-3382.	4.4	8
48	Dust spectrum and polarisation at 850 μm in the massive IRDC G035.39-00.33. Astronomy and Astrophysics, 2018, 620, A26.	5.1	22
49	The TOP-SCOPE survey of Planck Galactic Cold Clumps: The 200 brightest compact sources of Planck. Proceedings of the International Astronomical Union, 2018, 14, 373-374.	0.0	0
50	Planck Cold Clumps in the <i>Î></i> Orionis Complex. II. Environmental Effects on Core Formation. Astrophysical Journal, Supplement Series, 2018, 236, 51.	7.7	22
51	The TOP-SCOPE Survey of PGCCs: PMO and SCUBA-2 Observations of 64 PGCCs in the Second Galactic Quadrant. Astrophysical Journal, Supplement Series, 2018, 236, 49.	7.7	10
52	A Holistic Perspective on the Dynamics of G035.39-00.33: The Interplay between Gas and Magnetic Fields. Astrophysical Journal, 2018, 859, 151.	4.5	57
53	<i>Herschel</i> and SCUBA-2 observations of dust emission in a sample of <i>Planck</i> cold clumps. Astronomy and Astrophysics, 2018, 612, A71.	5.1	20
54	The MALATANG Survey: The L_{GAS} â€“ L_{IR} Correlation on Sub-kiloparsec Scale in Six Nearby Star-forming Galaxies as Traced by HCN $J=4\rightarrow 3$ and HCO ⁺ $J=4\rightarrow 3$. Astrophysical Journal, 2018, 860, 165.	5	35

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55	The role of spiral arms in Milky Way star formation. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2361-2373.	4.4	18
56	Spatial distribution of star formation related to ionized regions throughout the inner Galactic plane. Astronomy and Astrophysics, 2017, 605, A35.	5.1	27
57	The Hi-GAL compact source catalogue – I. The physical properties of the clumps in the inner Galaxy ($l \in [0^\circ, 90^\circ]$ and $b \in [-1^\circ, 1^\circ]$). Monthly Notices of the Royal Astronomical Society, 2017, 471, 100-143.	4.4	125
58	Multitemperature mapping of dust structures throughout the Galactic Plane using the PPMAP tool with Herschel Hi-GAL data. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2730-2742.	4.4	87
59	The JCMT Plane Survey: first complete data release – emission maps and compact source catalogue. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2163-2183.	4.4	37
60	Source clustering in the Hi-GAL survey determined using a minimum spanning tree method. Astronomy and Astrophysics, 2017, 597, A114.	5.1	7
61	Hi-GAL, the Herschel infrared Galactic Plane Survey: photometric maps and compact source catalogues. Astronomy and Astrophysics, 2016, 591, A149.	5.1	189
62	The prevalence of star formation as a function of Galactocentric radius. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3123-3129.	4.4	33
63	CHIMPS: the $^{13}\text{CO}/^{18}\text{O}$ Heterodyne Inner Milky Way Plane Survey. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2885-2899.	4.4	76
64	Star formation scales and efficiency in Galactic spiral arms. Monthly Notices of the Royal Astronomical Society, 2015, 452, 289-300.	4.4	34
65	The JCMT Plane Survey: early results from the $l \in [30^\circ, 90^\circ]$ field. Monthly Notices of the Royal Astronomical Society, 2015, 453, 4265-4278.	4.4	42
66	The almost ubiquitous association of 6.7-GHz methanol masers with dust – ... Monthly Notices of the Royal Astronomical Society, 2015, 446, 3461-3477.	4.4	43
67	The RMS survey: ammonia mapping of the environment of massive young stellar objects. Monthly Notices of the Royal Astronomical Society, 2015, 452, 4029-4053.	4.4	27
68	The correlation of dust and gas emission in star-forming environments. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1730-1752.	4.4	3
69	ATLASGAL – properties of compact H II regions and their natal clumps – ... Monthly Notices of the Royal Astronomical Society, 2013, 435, 400-428.	4.4	108
70	Estimating column density from ammonia (1,1) emission in star-forming regions. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1160-1165.	4.4	4
71	Star formation in Galactic spiral arms and the interarm regions. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1587-1595.	4.4	67
72	Star formation towards the Scutum tangent region and the effects of Galactic environment. Monthly Notices of the Royal Astronomical Society, 2012, 422, 3178-3188.	4.4	57

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73	ATLASGAL â€œ physical parameters of dust clumps associated with 6.7ÂGHz methanol masers. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	10