James Di Francesco

List of Publications by Year
in descending order

193 papers	13,556 citations	23567 58 h-index	24258 110 g-index
195 all docs	195 docs citations	195 times ranked	4234 citing authors

#	Article	IF	Citations
1	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of a Dense SiO Jet in the Evolved Protostellar Phase. Astrophysical Journal, 2022, 925, 11.	4.5	6
2	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. Astrophysical Journal, 2022, 926, 163.	4.5	16
3	ALMA-IMF. Astronomy and Astrophysics, 2022, 662, A8.	5.1	21
4	ALMA-IMF. Astronomy and Astrophysics, 2022, 662, A9.	5.1	11
5	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): How Do Dense Core Properties Affect the Multiplicity of Protostars?. Astrophysical Journal, 2022, 931, 158.	4.5	4
6	On filament fragmentation and the impact of ambient environment on it. Monthly Notices of the Royal Astronomical Society, 2021, 502, 564-580.	4.4	8
7	Physical properties of the ambient medium and of dense cores in the Perseus star-forming region derived from Herschel Gould Belt Survey observations. Astronomy and Astrophysics, 2021, 645, A55.	5.1	24
8	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. Astrophysical Journal, 2021, 907, 33.	4.5	17
9	Observations of Magnetic Fields Surrounding LkHÎ± 101 Taken by the BISTRO Survey with JCMT-POL-2. Astrophysical Journal, 2021, 908, 10.	4.5	16
10	JCMT POL-2 and BISTRO Survey Observations of Magnetic Fields in the L1689 Molecular Cloud. Astrophysical Journal, 2021, 907, 88.	4.5	29
11	Runaway Stars as Possible Sources of the Elliptical Ring Structures in NGC 7538. Astronomical Journal, 2021, 161, 156.	4.7	0
12	Dust polarized emission observations of NGC 6334. Astronomy and Astrophysics, 2021, 647, A78.	5.1	41
13	Misaligned Twin Molecular Outflows from the Class 0 Protostellar Binary System VLA 1623A Unveiled by ALMA. Astrophysical Journal, 2021, 912, 34.	4.5	15
14	The JCMT BISTRO-2 Survey: The Magnetic Field in the Center of the Rosette Molecular Cloud. Astrophysical Journal, 2021, 913, 57.	4.5	6
15	Molecular Cloud Cores with High Deuterium Fractions: Nobeyama Mapping Survey. Astrophysical Journal, Supplement Series, 2021, 256, 25.	7.7	5
16	The JCMT BISTRO Survey: An 850/450 Î¼m Polarization Study of NGC 2071IR in Orion B. Astrophysical Journal, 2021, 918, 85.	4.5	13
17	Are Massive Dense Clumps Truly Subvirial? A New Analysis Using Gould Belt Ammonia Data. Astrophysical Journal, 2021, 922, 87.	4.5	13
18	The JCMT BISTRO Survey: Evidence for Pinched Magnetic Fields in Quiescent Filaments of NGC 1333. Astrophysical Journal Letters, 2021, 923, L9.	8.3	4

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19	Velocity-coherent Filaments in NGC 1333: Evidence for Accretion Flow?. Astrophysical Journal, 2020, 891, 84.	4.5	31
20	The Herschel view of the dense core population in the Ophiuchus molecular cloud. Astronomy and Astrophysics, 2020, 638, A74.	5.1	47
21	Properties of the dense core population in Orion B as seen by the Herschel Gould Belt survey. Astronomy and Astrophysics, 2020, 635, A34.	5.1	71
22	Protoplanetary disk masses in NGC 2024: Evidence for two populations. Astronomy and Astrophysics, 2020, 640, A27.	5.1	33
23	Ubiquitous NH₃ supersonic component in L1688 coherent cores. Astronomy and Astrophysics, 2020, 640, L6.	5.1	13
24	Mapping the H₂D⁺ and N₂H⁺ emission toward prestellar cores. Testing dynamical models of the collapse using gas tracers. Astronomy and Astrophysics, 2020, 643, A61.	5.1	6
25	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
26	Herschel Gould Belt Survey Observations of Dense Cores in the Cepheus Flare Clouds. Astrophysical Journal, 2020, 904, 172.	4.5	14
27	The Herschel Orion Protostar Survey: Far-infrared Photometry and Colors of Protostars and Their Variations across Orion A and B*. Astrophysical Journal, 2020, 905, 119.	4.5	9
28	Droplets. I. Pressure-dominated Coherent Structures in L1688 and B18. Astrophysical Journal, 2019, 877, 93.	4.5	46
29	JCMT BISTRO Survey Observations of the Ophiuchus Molecular Cloud: Dust Grain Alignment Properties Inferred Using a Ricean Noise Model. Astrophysical Journal, 2019, 880, 27.	4.5	40
30	Probing the cold magnetised Universe with SPICA-POL (B-BOP). Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	13
31	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
32	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core Ï Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
33	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
34	ALMA Observations of the Ï•Ophiuchus B2 Region. I. Molecular Outflows and Their Driving Sources. Astrophysical Journal, 2019, 871, 86.	4.5	6
35	The Green Bank Ammonia Survey: A Virial Analysis of Gould Belt Clouds in Data Release 1. Astrophysical Journal, 2019, 874, 147.	4.5	15
36	ALMA Observations of Layered Structures due to CO Selective Dissociation in the Ï•Ophiuchi A Plane-parallel PDR. Astrophysical Journal, 2019, 875, 62.	4.5	3

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37	Protoplanetary Disk Rings and Gaps across Ages and Luminosities. Astrophysical Journal, 2019, 872, 112.	4.5	107
38	Characterizing the properties of nearby molecular filaments observed with Herschel. Astronomy and Astrophysics, 2019, 621, A42.	5.1	137
39	VLA cm-wave survey of young stellar objects in the Oph A cluster: constraining extreme UV- and X-ray-driven disk photoevaporation. Astronomy and Astrophysics, 2019, 631, A58.	5.1	6
40	KFPA Examinations of Young STellar Object Natal Environments (KEYSTONE): Hierarchical Ammonia Structures in Galactic Giant Molecular Clouds. Astrophysical Journal, 2019, 884, 4.	4.5	17
41	Herschel-HOBYS study of the earliest phases of high-mass star formation in NGC 6357. Astronomy and Astrophysics, 2019, 625, A134.	5.1	8
42	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. Astrophysical Journal, 2019, 883, 95.	4.5	38
43	CLOVER: Convnet Line-fitting Of Velocities in Emission-line Regions. Astrophysical Journal, 2019, 885, 32.	4.5	3
44	The Properties of Planck Galactic Cold Clumps in the L1495 Dark Cloud. Astrophysical Journal, 2018, 856, 141.	4.5	19
45	The JCMT Gould Belt Survey: A First Look at the Aurigaâ€“California Molecular Cloud with SCUBA-2. Astrophysical Journal, 2018, 852, 73.	4.5	7
46	The TOP-SCOPE Survey of Planck 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	Intensity-corrected Herschel Observations of Nearby Isolated Low-mass Clouds*. Astrophysical Journal, 2018, 852, 102.	4.5	12
48	ALMA Detections of the Youngest Protostars in Ophiuchus. Astrophysical Journal, 2018, 869, 158.	4.5	18
49	Extremely Dense Cores Associated with Chandra Sources in Ophiuchus A: Forming Brown Dwarfs Unveiled?. Astrophysical Journal, 2018, 866, 141.	4.5	14
50	The JCMT Gould Belt Survey: SCUBA-2 Data Reduction Methods and Gaussian Source Recovery Analysis. Astrophysical Journal, Supplement Series, 2018, 238, 8.	7.7	11
51	Protoplanetary Disk Properties in the Orion Nebula Cluster: Initial Results from Deep, High-resolution ALMA Observations. Astrophysical Journal, 2018, 860, 77.	4.5	103
52	A catalogue of dense cores and young stellar objects in the Lupus complex based on Herschel Gould Belt Survey observations. Astronomy and Astrophysics, 2018, 619, A52.	5.1	33
53	The dense cores and filamentary structure of the molecular cloud in Corona Australis: Herschel SPIRE and PACS observations from the Herschel Gould Belt Survey. Astronomy and Astrophysics, 2018, 615, A125.	5.1	30
54	A First Look at BISTRO Observations of the Ï•Oph-A core. Astrophysical Journal, 2018, 859, 4.	4.5	46

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55	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
56	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. Astrophysical Journal, 2018, 861, 65.	4.5	51
57	Dense Gas Kinematics and a Narrow Filament in the Orion A OMC1 Region Using NH₃. Astrophysical Journal, 2018, 861, 77.	4.5	36
58	The Radio Ammonia Mid-plane Survey (RAMPS) Pilot Survey. Astrophysical Journal, Supplement Series, 2018, 237, 27.	7.7	13
59	Astrochemical Properties of Planck Cold Clumps. Astrophysical Journal, Supplement Series, 2017, 228, 12.	7.7	41
60	The JCMT Gould Belt Survey: A First Look at IC 5146. Astrophysical Journal, 2017, 836, 132.	4.5	20
61	ALMA Observations of Starless Core Substructure in Ophiuchus. Astrophysical Journal, 2017, 838, 114.	4.5	32
62	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. Astrophysical Journal, 2017, 842, 66.	4.5	79
63	The JCMT BISTRO Survey: The Magnetic Field Strength in the Orion A Filament. Astrophysical Journal, 2017, 846, 122.	4.5	103
64	The Green Bank Ammonia Survey: Dense Cores under Pressure in Orion A. Astrophysical Journal, 2017, 846, 144.	4.5	60
65	The Green Bank Ammonia Survey: Observations of Hierarchical Dense Gas Structures in Cepheus-L1251. Astrophysical Journal, 2017, 850, 3.	4.5	16
66	The earliest phases of high-mass star formation, as seen in NGC 6334 by Herschel-HOBYS. Astronomy and Astrophysics, 2017, 602, A77.	5.1	65
67	ALMA Observations of Asymmetric Molecular Gas Emission from a Protoplanetary Disk in the Orion Nebula. Astronomical Journal, 2017, 153, 233.	4.7	3
68	The Green Bank Ammonia Survey: First Results of NH₃ Mapping ofÂthe Gould Belt. Astrophysical Journal, 2017, 843, 63.	4.5	115
69	Constraining the Dust Opacity Law in Three Small and Isolated Molecular Clouds. Astrophysical Journal, 2017, 849, 13.	4.5	7
70	SONS: The JCMT legacy survey of debris discs in the submillimetre. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3606-3663.	4.4	106
71	The Green Bank Ammonia Survey: Unveiling the Dynamics of the Barnard 59 Star-forming Clump. Astrophysical Journal, 2017, 850, 202.	4.5	10
72	Far-infrared observations of a massive cluster forming in the Monoceros R2 filament hub. Astronomy and Astrophysics, 2017, 607, A22.	5.1	26

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73	Globules and pillars in Cygnus X. Astronomy and Astrophysics, 2016, 591, A40.	5.1	55
74	The JCMT Gould Belt Survey: a first look at Southern Orion A with SCUBA-2. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4022-4048.	4.4	38
75	INFALL/EXPANSION VELOCITIES IN THE LOW-MASS DENSE CORES L492, L694-2, AND L1521F: DEPENDENCE ON POSITION AND MOLECULAR TRACER. Astrophysical Journal, 2016, 833, 97.	4.5	10
76	AN ALMA SEARCH FOR SUBSTRUCTURE, FRAGMENTATION, AND HIDDEN PROTOSTARS IN STARLESS CORES IN CHAMAELEON I. Astrophysical Journal, 2016, 823, 160.	4.5	44
77	THE JCMT GOULD BELT SURVEY: A FIRST LOOK AT DENSE CORES IN ORION B. Astrophysical Journal, 2016, 817, 167.	4.5	31
78	THE JCMT GOULD BELT SURVEY: DENSE CORE CLUSTERS IN ORION B. Astrophysical Journal, 2016, 821, 98.	4.5	21
79	THE JCMT GOULD BELT SURVEY: DENSE CORE CLUSTERS IN ORION A. Astrophysical Journal, 2016, 833, 44.	4.5	25
80	THE FRAGMENTATION AND STABILITY OF HIERARCHICAL STRUCTURE IN SERPENS SOUTH. Astrophysical Journal, 2016, 833, 204.	4.5	30
81	THE JCMT GOULD BELT SURVEY: EVIDENCE FOR DUST GRAIN EVOLUTION IN PERSEUS STAR-FORMING CLUMPS. Astrophysical Journal, 2016, 826, 95.	4.5	40
82	The JCMT Gould Belt Survey: evidence for radiative heating and contamination in the W40 complex. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4150-4175.	4.4	13
83	The JCMT andHerschelGould Belt Surveys: a comparison of SCUBA-2 andHerscheldata of dense cores in the Taurus dark cloud L1495. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1008-1025.	4.4	31
84	A census of dense cores in the Taurus L1495 cloud from theHerschelGould Belt Survey. Monthly Notices of the Royal Astronomical Society, 2016, 459, 342-356.	4.4	96
85	The JCMT Gould Belt Survey: Understanding the influence of outflows on Gould Belt clouds. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 457, L84-L88.	3.3	10
86	Dust emissivity in the star-forming filament OMC 2/3. Astronomy and Astrophysics, 2016, 588, A30.	5.1	36
87	The JCMT Gould Belt Survey: properties of star-forming filaments in Orion A North. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1782-1796.	4.4	37
88	HERSCHELOBSERVATIONS OF THE W3 GMC (II): CLUES TO THE FORMATION OF CLUSTERS OF HIGH-MASS STARS. Astrophysical Journal, 2015, 809, 81.	4.5	14
89	THE AU MIC DEBRIS DISK: FAR-INFRARED AND SUBMILLIMETER RESOLVED IMAGING. Astrophysical Journal, 2015, 811, 100.	4.5	57
90	THE 2014 ALMA LONG BASELINE CAMPAIGN: AN OVERVIEW. Astrophysical Journal Letters, 2015, 808, L1.	8.3	90

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91	A census of dense cores in the Aquila cloud complex: SPIRE/PACS observations from theHerschelGould Belt survey. Astronomy and Astrophysics, 2015, 584, A91.	5.1	328
92	THE 2014 ALMA LONG BASELINE CAMPAIGN: OBSERVATIONS OF THE STRONGLY LENSED SUBMILLIMETER GALAXY HATLAS J090311.6+003906 AT z = 3.042. Astrophysical Journal Letters, 2015, 808, L4.	8.3	86
93	THE 2014 ALMA LONG BASELINE CAMPAIGN: OBSERVATIONS OF ASTEROID 3 JUNO AT 60 KILOMETER RESOLUTION. Astrophysical Journal Letters, 2015, 808, L2.	8.3	15
94	The JCMT Gould Belt Survey: constraints on prestellar core properties in Orion A North. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1769-1781.	4.4	23
95	The JCMT Gould Belt Survey: first results from the SCUBA-2 observations of the Ophiuchus molecular cloud and a virial analysis of its prestellar core population. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1094-1122.	4.4	114
96	The JCMT Gould Belt Survey: SCUBA-2 observations of circumstellar discs in LÂ1495. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2472-2488.	4.4	26
97	YOUNG STELLAR OBJECTS IN THE GOULD BELT. Astrophysical Journal, Supplement Series, 2015, 220, 11.	7.7	232
98	Possible link between the power spectrum of interstellar filaments and the origin of the prestellar core mass function. Astronomy and Astrophysics, 2015, 584, A111.	5.1	36
99	Star Formation Thresholds: The View from Inside the Galaxy. Proceedings of the International Astronomical Union, 2015, 11, 183-190.	0.0	0
100	THE 2014 ALMA LONG BASELINE CAMPAIGN: FIRST RESULTS FROM HIGH ANGULAR RESOLUTION OBSERVATIONS TOWARD THE HL TAU REGION. Astrophysical Journal Letters, 2015, 808, L3.	8.3	877
101	The JCMT Gould Belt Survey: a quantitative comparison between SCUBA-2 data reduction methods. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2557-2579.	4.4	47
102	DETECTION OF INFALL IN THE PROTOSTAR B335 WITH ALMA. Astrophysical Journal, 2015, 814, 22.	4.5	60
103	The James Clerk Maxwell telescope Legacy Survey of the Gould Belt: a molecular line study of the Ophiuchus molecular cloud. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1996-2020.	4.4	42
104	PROTOPLANETARY DISK MASSES IN THE YOUNG NGC 2024 CLUSTER. Astrophysical Journal, 2015, 802, 77.	4.5	37
105	ALMA OBSERVATIONS OF THE LARGEST PROTO-PLANETARY DISK IN THE ORION NEBULA, 114â€“426: A CO SILHOUETTE. Astrophysical Journal, 2015, 808, 69.	4.5	14
106	INFRARED AND RADIO OBSERVATIONS OF A SMALL GROUP OF PROTOSTELLAR OBJECTS IN THE MOLECULAR CORE, L1251-C. Astrophysical Journal, Supplement Series, 2015, 218, 5.	7.7	6
107	Filaments in the Lupus molecular clouds. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2036-2049.	4.4	31
108	Detection of two power-law tails in the probability distribution functions of massive GMCs. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L41-L45.	3.3	66

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109	THE KINEMATIC AND CHEMICAL PROPERTIES OF A POTENTIAL CORE-FORMING CLUMP: PERSEUS B1-E. Astrophysical Journal, 2015, 806, 38.	4.5	5
110	The JCMT Gould Belt Survey: evidence for radiative heating in Serpens MWC 297 and its influence on local star formation. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1551-1573.	4.4	25
111	From forced collapse to Hâ€‰ii region expansion in Mon R2: Envelope density structure and age determination withHerschel. Astronomy and Astrophysics, 2015, 584, A4.	5.1	23
112	REVEALING H₂D⁺DEPLETION AND COMPACT STRUCTURE IN STARLESS AND PROTOSTELLAR CORES WITH ALMA. Astrophysical Journal, 2014, 797, 27.	4.5	45
113	Evidence for large grains in the star-forming filament OMC 2/3. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2303-2312.	4.4	34
114	PHYSICAL AND CHEMICAL CHARACTERISTICS OF L1689-SMM16, AN OSCILLATING PRESTELLAR CORE IN OPHIUCHUS. Astrophysical Journal, 2014, 790, 129.	4.5	12
115	ALMA OBSERVATIONS OF THE ORION PROPLYDS. Astrophysical Journal, 2014, 784, 82.	4.5	96
116	ALMA OBSERVATIONS OF A MISALIGNED BINARY PROTOPLANETARY DISK SYSTEM IN ORION. Astrophysical Journal, 2014, 796, 120.	4.5	44
117	CLASS 0 PROTOSTARS IN THE PERSEUS MOLECULAR CLOUD: A CORRELATION BETWEEN THE YOUNGEST PROTOSTARS AND THE DENSE GAS DISTRIBUTION. Astrophysical Journal Letters, 2014, 787, L18.	8.3	93
118	EXTREME CONDITIONS IN A CLOSE ANALOG TO THE YOUNG SOLAR SYSTEM: HERSCHEL OBSERVATIONS OF Ïµ ERIDANI. Astrophysical Journal Letters, 2014, 791, L11.	8.3	33
119	Ionization compression impact on dense gas distribution and star formation. Astronomy and Astrophysics, 2014, 564, A106.	5.1	69
120	From Filamentary Networks to Dense Cores in Molecular Clouds: Toward a New Paradigm for Star Formation. , 2014, , .		78
121	TWO MASS DISTRIBUTIONS IN THE L 1641 MOLECULAR CLOUDS: THE HERSCHEL CONNECTION OF DENSE CORES AND FILAMENTS IN ORION A. Astrophysical Journal Letters, 2013, 777, L33.	8.3	95
122	Does a prestellar core always become Tracing? protostellar the evolution of cores from the prestellar to protostellar phase. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1854-1866.	4.4	9
123	Abundant cyanopolyynes as a probe of infall in the Serpens South cluster-forming region. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1513-1529.	4.4	53
124	WHAT DETERMINES THE DENSITY STRUCTURE OF MOLECULAR CLOUDS? A CASE STUDY OF ORION B WITH HERSCHEL. Astrophysical Journal Letters, 2013, 766, L17.	8.3	194
125	CORRELATING INFALL WITH DEUTERIUM FRACTIONATION IN DENSE CORES. Astrophysical Journal, 2013, 777, 121.	4.5	15
126	THE HERSCHEL AND JCMT GOULD BELT SURVEYS: CONSTRAINING DUST PROPERTIES IN THE PERSEUS B1 CLUMP WITH PACS, SPIRE, AND SCUBA-2. Astrophysical Journal, 2013, 767, 126.	4.5	100

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127	HERSCHELREVEALS MASSIVE COLD CLUMPS IN NGC 7538. Astrophysical Journal, 2013, 773, 102.	4.5	23
128	First results from the Herschelâ˜... Gould Belt Survey in Taurus. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1424-1433.	4.4	80
129	AHERSCHELAND APEX CENSUS OF THE REDDEST SOURCES IN ORION: SEARCHING FOR THE YOUNGEST PROTOSTARS. Astrophysical Journal, 2013, 767, 36.	4.5	132
130	HERSCHELOBSERVATIONS OF THE W3 GMC: CLUES TO THE FORMATION OF CLUSTERS OF HIGH-MASS STARS. Astrophysical Journal, 2013, 766, 85.	4.5	36
131	Herschelview of the Taurus B211/3 filament and striations: evidence of filamentary growth?. Astronomy and Astrophysics, 2013, 550, A38.	5.1	393
132	A FIRST LOOK AT THE AURIGA-CALIFORNIA GIANT MOLECULAR CLOUD WITHHERSCHELAND THE CSO: CENSUS OF THE YOUNG STELLAR OBJECTS AND THE DENSE GAS. Astrophysical Journal, 2013, 764, 133.	4.5	48
133	Pillars and globules at the edges of Hâ€‰ii regions. Astronomy and Astrophysics, 2013, 560, A19.	5.1	33
134	HERSCHEL/PACS SPECTROSCOPIC SURVEY OF PROTOSTARS IN ORION: THE ORIGIN OF FAR-INFRARED CO EMISSION. Astrophysical Journal, 2013, 763, 83.	4.5	84
135	Ionisation impact of high-mass stars on interstellar filaments. Astronomy and Astrophysics, 2013, 550, A50.	5.1	42
136	CHANGES OF DUST OPACITY WITH DENSITY IN THE ORION A MOLECULAR CLOUD. Astrophysical Journal, 2013, 763, 55.	4.5	85
137	Cluster-formation in the Rosette molecular cloud at the junctions of filaments. Astronomy and Astrophysics, 2012, 540, L11.	5.1	267
138	Herschelobservations of a potential core-forming clump: Perseus B1-E. Astronomy and Astrophysics, 2012, 540, A10.	5.1	38
139	HOW STARLESS ARE STARLESS CORES?. Astrophysical Journal, 2012, 745, 18.	4.5	32
140	Molecular line contamination in the SCUBA-2 450 and 850 Î¼m continuum data. Monthly Notices of the Royal Astronomical Society, 2012, 426, 23-39.	4.4	65
141	The MÂ16 molecular complex under the influence of NGCâ€‰6611. Astronomy and Astrophysics, 2012, 542, A114.	5.1	40
142	AN OBSERVED LACK OF SUBSTRUCTURE IN STARLESS CORES. II. SUPER-JEANS CORES. Astrophysical Journal, 2012, 755, 178.	4.5	15
143	INITIAL CONDITIONS FOR STAR FORMATION IN CLUSTERS: PHYSICAL AND KINEMATICAL STRUCTURE OF THE STARLESS CORE Oph A-N6. Astrophysical Journal, 2012, 745, 117.	4.5	20
144	Herschelobservations of B1-bS and B1-bN: two first hydrostatic core candidates in the Perseus star-forming cloud. Astronomy and Astrophysics, 2012, 547, A54.	5.1	92

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145	The Pipe Nebula as seen withHerschel: formation of filamentary structures by large-scale compression?. Astronomy and Astrophysics, 2012, 541, A63.	5.1	102
146	The JCMT Legacy Survey of the Gould Belt: mapping 13CO and C18O in Orion A. Monthly Notices of the Royal Astronomical Society, 2012, 422, 521-541.	4.4	45
147	CO depletion in the Gould Belt clouds. Monthly Notices of the Royal Astronomical Society, 2012, 422, 968-980.	4.4	20
148	The spine of the swan: aHerschelstudy of theÂDR21 ridge and filaments in CygnusÂX. Astronomy and Astrophysics, 2012, 543, L3.	5.1	157
149	Filaments and ridges in VelaÂC revealed byHerschel: from low-mass to high-mass star-forming sites. Astronomy and Astrophysics, 2011, 533, A94.	5.1	188
150	Characterizing interstellar filaments withHerschelin IC 5146. Astronomy and Astrophysics, 2011, 529, L6.	5.1	560
151	TheHerschelview of massive star formation in G035.39â€“00.33: dense and cold filament of W48 undergoing a mini-starburst. Astronomy and Astrophysics, 2011, 535, A76.	5.1	79
152	Filamentary structures and compact objects in the Aquila and Polaris clouds observed byHerschel. Astronomy and Astrophysics, 2010, 518, L103.	5.1	188
153	The Aquila prestellar core population revealed byHerschel. Astronomy and Astrophysics, 2010, 518, L106.	5.1	213
154	THE INITIAL CONDITIONS OF CLUSTERED STAR FORMATION. III. THE DEUTERIUM FRACTIONATION OF THE OPHIUCHUS B2 CORE. Astrophysical Journal, 2010, 718, 666-682.	4.5	30
155	AHerschelstudy of the properties of starless cores in the Polaris Flare dark cloud region using PACS and SPIRE. Astronomy and Astrophysics, 2010, 518, L92.	5.1	87
156	From filamentary clouds to prestellar cores to the stellar IMF: Initial highlights from theHerschelGould Belt Survey. Astronomy and Astrophysics, 2010, 518, L102.	5.1	1,089
157	THE MASS DISTRIBUTION OF STARLESS AND PROTOSTELLAR CORES IN GOULD BELT CLOUDS. Astrophysical Journal, 2010, 710, 1247-1270.	4.5	90
158	THE INITIAL CONDITIONS OF CLUSTERED STAR FORMATION. II. N₂H⁺OBSERVATIONS OF THE OPHIUCHUS B CORE. Astrophysical Journal, 2010, 708, 1002-1024.	4.5	42
159	â€œSTARLESSâ€•SUPER-JEANS CORES IN FOUR GOULD BELT CLOUDS. Astrophysical Journal Letters, 2010, 718, L32-L37.	8.3	23
160	The JCMT Legacy Survey of the Gould Belt: a first look at Serpens with HARP. Monthly Notices of the Royal Astronomical Society, 2010, 409, 1412-1428.	4.4	41
161	The JCMT Legacy Survey of the Gould Belt: a first look at Taurus with HARP. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	7
162	The Vega debris disc: A view fromHerschel. Astronomy and Astrophysics, 2010, 518, L130.	5.1	44

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163	Small-scale structure in the Rosette molecular cloud revealed byÂHerschel. Astronomy and Astrophysics, 2010, 518, L91.	5.1	34
164	Hier ist wahrhaftig ein Loch im Himmel. Astronomy and Astrophysics, 2010, 518, L94.	5.1	23
165	TheHerschelview of star formation in the Rosette molecular cloud under the influence of NGCÂ2244. Astronomy and Astrophysics, 2010, 518, L83.	5.1	43
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