

# Dariusz C Lis

## List of Publications by Year in descending order

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214  
papers

10,624  
citations

19636

61  
h-index

43868

91  
g-index

218  
all docs

218  
docs citations

218  
times ranked

5088  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ocean-like water in the Jupiter-family comet 103P/Hartley 2. <i>Nature</i> , 2011, 478, 218-220.	13.7	412
2	Detection of the Water Reservoir in a Forming Planetary System. <i>Science</i> , 2011, 334, 338-340.	6.0	258
3	The composition of ices in comet C/1995 O1 (Hale-Bopp) from radio spectroscopy. <i>Astronomy and Astrophysics</i> , 2004, 418, 1141-1157.	2.1	188
4	A Line Survey of Orion KL from 607 to 725 GHz. <i>Astrophysical Journal, Supplement Series</i> , 2001, 132, 281-364.	3.0	187
5	<i>HERSCHEL</i> SURVEY OF GALACTIC OH <sup>+</sup> , H <sub>2</sub> O <sup>+</sup> , AND H <sub>3</sub> O <sup>+</sup> : PROBING THE MOLECULAR HYDROGEN FRACTION AND COSMIC-RAY IONIZATION RATE. <i>Astrophysical Journal</i> , 2015, 800, 40.	1.6	183
6	Detection of Triply Deuterated Ammonia in the Barnard 1 Cloud. <i>Astrophysical Journal</i> , 2002, 571, L55-L58.	1.6	158
7	Interstellar OH <sup>+</sup> , H <sub>2</sub> O <sup>+</sup> and H <sub>3</sub> O <sup>+</sup> along the sight-line to G10.6+0.4. <i>Astronomy and Astrophysics</i> , 2010, 518, L110.	2.1	155
8	From Massive Protostars to a Giant HiiRegion: Submillimeter Imaging of the Galactic Ministarburst W43. <i>Astrophysical Journal</i> , 2003, 582, 277-291.	1.6	153
9	Long-term Evolution of the Outgassing of Comet Hale-Bopp From Radio Observations. <i>Earth, Moon and Planets</i> , 1997, 78, 5-11.	0.3	149
10	<i>Herschel</i> /HIFI observations of interstellar OH <sup>+</sup> and H <sub>2</sub> O <sup>+</sup> towards W49N: a probe of diffuse clouds with a small molecular fraction. <i>Astronomy and Astrophysics</i> , 2010, 521, L10.	2.1	143
11	<i>HERSCHEL</i> MEASUREMENTS OF MOLECULAR OXYGEN IN ORION. <i>Astrophysical Journal</i> , 2011, 737, 96.	1.6	138
12	350 Micron Continuum Imaging of the Orion A Molecular Cloud with the Submillimeter High Angular Resolution Camera. <i>Astrophysical Journal</i> , 1998, 509, 299-308.	1.6	136
13	A Molecular Line Survey of Orion KL in the 350 Micron Band. <i>Astrophysical Journal, Supplement Series</i> , 2005, 156, 127-167.	3.0	128
14	Triply deuterated ammonia in NGC 1333. <i>Astronomy and Astrophysics</i> , 2002, 388, L53-L56.	2.1	127
15	Interstellar deuterated ammonia: from NH <sub>3</sub> to ND <sub>3</sub> . <i>Astronomy and Astrophysics</i> , 2005, 438, 585-598.	2.1	126
16	Ubiquitous argonium (ArH <sup>+</sup> ) in the diffuse interstellar medium: A molecular tracer of almost purely atomic gas. <i>Astronomy and Astrophysics</i> , 2014, 566, A29.	2.1	124
17	Spectroscopic evidence for interstellar ices in comet Hyakutake. <i>Nature</i> , 1996, 383, 418-420.	13.7	123
18	Chemical Composition Diversity Among 24 Comets Observed At Radio Wavelengths. <i>Earth, Moon and Planets</i> , 2002, 90, 323-333.	0.3	122

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19	<i>Herschel</i> measurements of the $D/H$ and $^{16}O/^{18}O$ ratios in water in the Oort-cloud comet C/2009 P1 (Garradd). <i>Astronomy and Astrophysics</i> , 2012, 544, L15.	2.1	115
20	Ethyl alcohol and sugar in comet C/2014 Q2 (Lovejoy). <i>Science Advances</i> , 2015, 1, e1500863.	4.7	115
21	Carbon Monoxide and Dust Column Densities: The Dust-to-Gas Ratio and Structure of Three Giant Molecular Cloud Cores. <i>Astrophysical Journal</i> , 1997, 491, 615-637.	1.6	114
22	Comparative study of $CH^+$ and $SH^+$ absorption lines observed towards distant star-forming regions. <i>Astronomy and Astrophysics</i> , 2012, 540, A87.	2.1	112
23	The 1995-2002 Long-Term Monitoring of Comet C/1995 O1 (Hale-Bopp) at Radio Wavelength. <i>Earth, Moon and Planets</i> , 2002, 90, 5-14.	0.3	110
24	<i>Herschel</i> observations of EXtra-Ordinary Sources (HEXOS): The present and future of spectral surveys with <i>Herschel</i> /HIFI. <i>Astronomy and Astrophysics</i> , 2010, 521, L20.	2.1	110
25	<i>HERSCHEL</i> OBSERVATIONS OF EXTRAORDINARY SOURCES: ANALYSIS OF THE HIFI 1.2 THz WIDE SPECTRAL SURVEY TOWARD ORION KL. I. METHODS. <i>Astrophysical Journal</i> , 2014, 787, 112.	1.6	106
26	Ethylene glycol in comet C/1995 O1 (Hale-Bopp). <i>Astronomy and Astrophysics</i> , 2004, 418, L35-L38.	2.1	103
27	Radio wavelength molecular observations of comets C/1999 AT1 (McNaught-Hartley), C/2001 AA2 (LINEAR), C/2000 WM1 (LINEAR) and 153P/Keya-Zhang. <i>Astronomy and Astrophysics</i> , 2006, 449, 1255-1270.	2.1	102
28	The Origin of Diffuse X-Ray and $\gamma$ -Ray Emission from the Galactic Center Region: Cosmic-Ray Particles. <i>Astrophysical Journal</i> , 2007, 656, 847-869.	1.6	101
29	Complex organic molecules in comets C/2012 F6 (Lemmon) and C/2013 R1 (Lovejoy): detection of ethylene glycol and formamide. <i>Astronomy and Astrophysics</i> , 2014, 566, L5.	2.1	101
30	The physical and chemical structure of Sagittarius B2. <i>Astronomy and Astrophysics</i> , 2016, 588, A143.	2.1	99
31	Water in star-forming regions: physics and chemistry from clouds to disks as probed by <i>Herschel</i> spectroscopy. <i>Astronomy and Astrophysics</i> , 2021, 648, A24.	2.1	98
32	<i>EPOXI</i> : COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2011, 734, L1.	3.0	96
33	Synthesized spectra of turbulent clouds. <i>Astrophysical Journal</i> , 1994, 436, 728.	1.6	96
34	Detection of hydrogen fluoride absorption in diffuse molecular clouds with <i>Herschel</i> /HIFI: an ubiquitous tracer of molecular gas. <i>Astronomy and Astrophysics</i> , 2010, 521, L12.	2.1	92
35	Strong absorption by interstellar hydrogen fluoride: <i>Herschel</i> /HIFI observations of the sight-line to G10.6+0.4 (W31C). <i>Astronomy and Astrophysics</i> , 2010, 518, L108.	2.1	90
36	Nitrogen isotopic ratios in Barnard 1: a consistent study of the $N_2/H^+$ , $NH_3$ , CN, HCN, and HNC isotopologues. <i>Astronomy and Astrophysics</i> , 2013, 560, A3.	2.1	90

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37	VELOCITY-RESOLVED [C ii] EMISSION AND [C ii]/FIR MAPPING ALONG ORION WITH <i>HERSCHEL</i> . <i>Astrophysical Journal</i> , 2015, 812, 75.	1.6	88
38	Submillimeter continuum survey of the Galactic center. <i>Astrophysical Journal</i> , 1994, 424, 189.	1.6	88
39	Multi-line detection of O <sub>2</sub> toward <i>χ</i> Ophiuchi A. <i>Astronomy and Astrophysics</i> , 2012, 541, A73.	2.1	84
40	<i>Herschel</i> /HIFI discovery of interstellar chloronium (H <sub>2</sub> Cl <sup>+</sup> ). <i>Astronomy and Astrophysics</i> , 2010, 521, L9.	2.1	83
41	<i>HERSCHEL</i> OBSERVATIONS OF EXTRAORDINARY SOURCES: ANALYSIS OF THE FULL <i>HERSCHEL</i> /HIFI MOLECULAR LINE SURVEY OF SAGITTARIUS B2(N). <i>Astrophysical Journal</i> , 2014, 789, 8.	1.6	82
42	High-Frequency Measurements of the Spectrum of Sagittarius A*. <i>Astrophysical Journal</i> , 1997, 490, L77-L81.	1.6	82
43	Modeling of the continuum and molecular line emission from the Sagittarius B2 molecular cloud. <i>Astrophysical Journal</i> , 1990, 356, 195.	1.6	80
44	Detection of interstellar oxidaniumyl: Abundant H <sub>2</sub> O <sup>+</sup> towards the star-forming regions DR21, SgrAB2, and NGC6334. <i>Astronomy and Astrophysics</i> , 2010, 518, L111.	2.1	78
45	<i>Herschel</i> /HIFI observations of [C <sup>18</sup> O] and [ <sup>13</sup> C <sup>18</sup> O] in photon-dominated regions. <i>Astronomy and Astrophysics</i> , 2013, 550, A57.	2.1	78
46	Terrestrial deuterium-to-hydrogen ratio in water in hyperactive comets. <i>Astronomy and Astrophysics</i> , 2019, 625, L5.	2.1	78
47	Interstellar CH absorption in the diffuse interstellar medium along the sight-lines to G10.6+0.4 (W31C), W49N, and W51. <i>Astronomy and Astrophysics</i> , 2010, 521, L16.	2.1	77
48	<i>HERSCHEL</i> /HIFI DISCOVERY OF HCL <sup>+</sup> IN THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal Letters</i> , 2012, 751, L37.	3.0	75
49	Quiescent Giant Molecular Cloud Cores in the Galactic Center. <i>Astrophysical Journal</i> , 2001, 550, 761-777.	1.6	75
50	Outgassing Behavior and Composition of Comet C/1999 S4 (LINEAR) During Its Disruption. <i>Science</i> , 2001, 292, 1339-1343.	6.0	74
51	A <i>HERSCHEL</i> STUDY OF D/H IN WATER IN THE JUPITER-FAMILY COMET 45P/HONDA-MRKOS-PAJDUÁKOVÁ AND PROSPECTS FOR D/H MEASUREMENTS WITH CCAT. <i>Astrophysical Journal Letters</i> , 2013, 774, L3.	3.0	73
52	CO isotope studies and mass of the Sagittarius B2 molecular cloud. <i>Astrophysical Journal</i> , 1989, 337, 704.	1.6	72
53	Nitrogen hydrides in interstellar gas. <i>Astronomy and Astrophysics</i> , 2010, 521, L45.	2.1	68
54	[C <sup>18</sup> O] absorption and emission in the diffuse interstellar medium across the Galactic plane. <i>Astronomy and Astrophysics</i> , 2015, 573, A30.	2.1	68

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55	Deuterium chemistry in the Orion Bar PDR. <i>Astronomy and Astrophysics</i> , 2009, 508, 737-749.	2.1	67
56	Isotopic ratios of H, C, N, O, and S in comets C/2012 F6 (Lemmon) and C/2014 Q2 (Lovejoy). <i>Astronomy and Astrophysics</i> , 2016, 589, A78.	2.1	66
57	Survey of Cold Water Lines in Protoplanetary Disks: Indications of Systematic Volatile Depletion. <i>Astrophysical Journal</i> , 2017, 842, 98.	1.6	66
58	MAPPING THE RELEASE OF VOLATILES IN THE INNER COMAE OF COMETS C/2012 F6 (LEMMON) AND C/2012 S1 (ISON) USING THE ATACAMA LARGE MILLIMETER/SUBMILLIMETER ARRAY. <i>Astrophysical Journal Letters</i> , 2014, 792, L2.	3.0	64
59	The CARMA-NRO Orion Survey. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 25.	3.0	64
60	Detection of $^{15}\text{NH}_2\text{D}$ in dense cores: a new tool for measuring the $^{14}\text{N}/^{15}\text{N}$ ratio in the cold ISM. <i>Astronomy and Astrophysics</i> , 2009, 498, L9-L12.	2.1	63
61	THE CHESS SURVEY OF THE L1157-B1 SHOCK REGION: CO SPECTRAL SIGNATURES OF JET-DRIVEN BOW SHOCKS. <i>Astrophysical Journal Letters</i> , 2012, 757, L25.	3.0	62
62	Unusually high CO abundance of the first active interstellar comet. <i>Nature Astronomy</i> , 2020, 4, 861-866.	4.2	62
63	Early Science Results From the Heterodyne Instrument for the Far Infrared (HIFI) on the Herschel Space Observatory. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2012, 2, 383-392.	2.0	61
64	NITROGEN ISOTOPIC FRACTIONATION IN INTERSTELLAR AMMONIA. <i>Astrophysical Journal Letters</i> , 2010, 710, L49-L52.	3.0	60
65	The W43-MM1 mini-starburst ridge, a test for star formation efficiency models. <i>Astronomy and Astrophysics</i> , 2014, 570, A15.	2.1	60
66	Molecular line survey of the high-mass star-forming region NGC 6334I with <i>Herschel</i> /HIFI and the Submillimeter Array. <i>Astronomy and Astrophysics</i> , 2012, 546, A87.	2.1	59
67	WATER ABSORPTION IN GALACTIC TRANSLUCENT CLOUDS: CONDITIONS AND HISTORY OF THE GAS DERIVED FROM <i>HERSCHEL</i> /HIFI PRISMAS OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 762, 11.	1.6	59
68	The physical and chemical structure of Sagittarius B2. <i>Astronomy and Astrophysics</i> , 2017, 604, A6.	2.1	59
69	Statistical Properties of Line Centroid Velocities and Centroid Velocity Increments in Compressible Turbulence. <i>Astrophysical Journal</i> , 1996, 463, 623.	1.6	59
70	Star formation in the galactic center dust ridge. <i>Astrophysical Journal</i> , 1994, 423, L39.	1.6	59
71	Infrared Space Observatory Long Wavelength Spectrometer Observations of a Cold Giant Molecular Cloud Core near the Galactic Center. <i>Astrophysical Journal</i> , 1998, 507, 794-804.	1.6	58
72	<i>Herschel</i> /HIFI measurements of the ortho/para ratio in water towards Sagittarius B2(M) and W31C. <i>Astronomy and Astrophysics</i> , 2010, 521, L26.	2.1	57

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73	Deep observations of O <sub>2</sub> toward a low-mass protostar with <i>Herschel</i> -HIFI. <i>Astronomy and Astrophysics</i> , 2013, 558, A58.	2.1	57
74	Spectroscopic Observations of Comet C/1999 H1 (Lee) with the SEST, JCMT, CSO, IRAM, and Nançay Radio Telescopes. <i>Astronomical Journal</i> , 2000, 120, 1554-1570.	1.9	56
75	ALMA MEASUREMENTS OF THE HNC AND HC <sub>3</sub> N DISTRIBUTIONS IN TITAN'S ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2014, 795, L30.	3.0	53
76	Detection of extragalactic argonium, ArH <sup>+</sup> , toward PKS 1830-211. <i>Astronomy and Astrophysics</i> , 2015, 582, L4.	2.1	52
77	First detection of gas-phase ammonia in a planet-forming disk. <i>Astronomy and Astrophysics</i> , 2016, 591, A122.	2.1	52
78	<i>HERSCHEL</i> OBSERVATIONS OF INTERSTELLAR CHLORONIUM. <i>Astrophysical Journal</i> , 2012, 748, 37.	1.6	51
79	Dense Molecular Clumps in the Orion Bar Photon-dominated Region. <i>Astrophysical Journal</i> , 2003, 597, L145-L148.	1.6	49
80	CH <sup>+</sup> (1-0) and <sup>13</sup> CH <sup>+</sup> (1-0) absorption lines in the direction of massive star-forming regions. <i>Astronomy and Astrophysics</i> , 2010, 521, L15.	2.1	49
81	High angular resolution submillimeter observations of Sagittarius B2. <i>Astrophysical Journal</i> , 1990, 350, 186.	1.6	49
82	<i>Herschel</i> observations of EXtra-Ordinary Sources (HEXOS): Detection of hydrogen fluoride in absorption towards Orion-KL. <i>Astronomy and Astrophysics</i> , 2010, 518, L109.	2.1	48
83	A multi-wavelength view of the Galactic center dust ridge reveals little star formation. <i>Astronomy and Astrophysics</i> , 2012, 548, A120.	2.1	48
84	Title is missing!. <i>Earth, Moon and Planets</i> , 1997, 78, 13-20.	0.3	47
85	Hydrogen Isocyanide in Comet 73P/Schwassmann-Wachmann (Fragment B). <i>Astrophysical Journal</i> , 2008, 675, 931-936.	1.6	47
86	CH <sub>2</sub> D <sup>+</sup> , the Search for the Holy Grail. <i>Journal of Physical Chemistry A</i> , 2013, 117, 9959-9967.	1.1	45
87	The CARMA-NRO Orion Survey. <i>Astronomy and Astrophysics</i> , 2019, 623, A142.	2.1	45
88	Search for CO gas in Pluto, Centaurs and Kuiper Belt objects at radio wavelengths. <i>Astronomy and Astrophysics</i> , 2001, 377, 343-353.	2.1	44
89	<i>HERSCHEL</i> * FAR-INFRARED SPECTROSCOPY OF THE GALACTIC CENTER. HOT MOLECULAR GAS: SHOCKS VERSUS RADIATION NEAR Sgr A. <i>Astrophysical Journal Letters</i> , 2013, 769, L13.	3.0	44
90	The Chemical Diversity of Comets: Synergies Between Space Exploration and Ground-based Radio Observations. <i>Earth, Moon and Planets</i> , 2009, 105, 267-272.	0.3	43

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91	ALMA observations of the young protostellar system Barnard 1b: Signatures of an incipient hot corino in B1b-S. <i>Astronomy and Astrophysics</i> , 2018, 620, A80.	2.1	43
92	S-bearing molecules in massive dense cores. <i>Astronomy and Astrophysics</i> , 2009, 504, 853-867.	2.1	43
93	Submillimeter continuum observations of Sagittarius B2 at subarcsecond spatial resolution. <i>Astronomy and Astrophysics</i> , 2011, 530, L9.	2.1	42
94	<i>Herschel</i> observations of EXtra-Ordinary Sources (HEXOS): Methanol as a probe of physical conditions in OrionÅKL. <i>Astronomy and Astrophysics</i> , 2011, 527, A95.	2.1	42
95	Millimeter continuum observations of Galactic center giant molecular cloud cores. <i>Astrophysical Journal</i> , 1991, 380, 429.	1.6	41
96	G34.24+0.13MM: A Deeply Embedded Protoâ€B Star. <i>Astrophysical Journal</i> , 1998, 493, L97-L100.	1.6	40
97	Dust Continuum Imaging of the HH 24 Region in L1630. <i>Astrophysical Journal</i> , 1999, 527, 856-865.	1.6	40
98	Detection of OH <sup>+</sup> and H <sub>2</sub> O <sup>+</sup> towards OrionÅKL. <i>Astronomy and Astrophysics</i> , 2010, 521, L47.	2.1	40
99	Detection of the [TSUP]3[/TSUP][ITAL]P[/ITAL][TINF]2[/TINF] â† [TSUP]3[/TSUP][ITAL]P[/ITAL][TINF]1[/TINF] Submillimeter Transition of [TSUP]13[/TSUP]C [CSC]i[/CSC] in the Interstellar Medium: Implication for Chemical Fractionation. <i>Astrophysical Journal</i> , 1998, 494, L107-L111.	1.6	40
100	The Role of Outflows and C Shocks in the Strong Deuteration of L1689N. <i>Astrophysical Journal</i> , 2002, 569, 322-333.	1.6	39
101	Radial Distribution of Dust Grains around HR 4796A. <i>Astrophysical Journal</i> , 2005, 618, 385-396.	1.6	38
102	A COMPREHENSIVE SURVEY OF HYDROGEN CHLORIDE IN THE GALAXY. <i>Astrophysical Journal</i> , 2010, 723, 218-228.	1.6	38
103	<i>HERSCHEL</i> /HIFI OBSERVATIONS OF HYDROGEN FLUORIDE TOWARD SAGITTARIUS B2(M). <i>Astrophysical Journal Letters</i> , 2011, 734, L23.	3.0	38
104	High-density gas in the core of the Sagittarius B2 molecular cloud. <i>Astrophysical Journal</i> , 1991, 369, 157.	1.6	38
105	Millimeter-wavelength aperture synthesis observations of massive star-forming regions in Sagittarius B2. <i>Astrophysical Journal</i> , 1993, 402, 238.	1.6	38
106	Radio observations of Comet 9P/Tempel 1 before and after Deep Impact. <i>Icarus</i> , 2007, 187, 253-271.	1.1	36
107	The line-of-sight distribution of water in the SgrB2 complex. <i>Astronomy and Astrophysics</i> , 2003, 402, 635-645.	2.1	36
108	<i>Herschel</i> observations of ortho- and para-oxidaniumyl (H <sub>2</sub> O <sup>+</sup> ) in spiral arm clouds toward SagittariusÅB2(M). <i>Astronomy and Astrophysics</i> , 2010, 521, L11.	2.1	35

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109	A study of the distant activity of comet C/2006 W3 (Christensen) with <i>Herschel</i> and ground-based radio telescopes. <i>Astronomy and Astrophysics</i> , 2010, 518, L149.	2.1	35
110	ROTATION STATE OF COMET 103P/HARTLEY 2 FROM RADIO SPECTROSCOPY AT 1 mm. <i>Astrophysical Journal Letters</i> , 2011, 734, L4.	3.0	35
111	Atomic Oxygen Abundance in Molecular Clouds: Absorption toward Sagittarius B2. <i>Astrophysical Journal</i> , 2001, 561, 823-829.	1.6	34
112	THE ABUNDANCE, ORTHO/PARA RATIO, AND DEUTERATION OF WATER IN THE HIGH-MASS STAR-FORMING REGION NGC 6334 I. <i>Astrophysical Journal</i> , 2013, 765, 61.	1.6	34
113	HYDROGEN FLUORIDE IN HIGH-MASS STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2012, 756, 136.	1.6	33
114	<i>HERSCHEL</i> HIFI OBSERVATIONS OF O <sub>2</sub> TOWARD ORION: SPECIAL CONDITIONS FOR SHOCK ENHANCED EMISSION. <i>Astrophysical Journal</i> , 2014, 793, 111.	1.6	33
115	<i>HERSCHEL</i> SEARCH FOR O <sub>2</sub> TOWARD THE ORION BAR. <i>Astrophysical Journal</i> , 2012, 752, 26.	1.6	32
116	Depletion of chlorine into HCl ice in a protostellar core. <i>Astronomy and Astrophysics</i> , 2015, 574, A107.	2.1	32
117	VLA Observations of the Sagittarius D Star-forming Region. <i>Astrophysical Journal</i> , 1998, 493, 274-290.	1.6	31
118	HIFI observations of water in the atmosphere of comet C/2008 Q3 (Garradd). <i>Astronomy and Astrophysics</i> , 2010, 518, L150.	2.1	31
119	Ammonia and other parent molecules in comet 10P/Tempel 2 from <i>Herschel</i> /HIFI and ground-based radio observations. <i>Astronomy and Astrophysics</i> , 2012, 539, A68.	2.1	31
120	The distribution of water in the high-mass star-forming region NGC 6334 I. <i>Astronomy and Astrophysics</i> , 2010, 521, L28.	2.1	30
121	<i>Herschel</i> observations of EXtra-Ordinary Sources (HEXOS): Observations of H <sub>2</sub> O and its isotopologues towards Orion KL. <i>Astronomy and Astrophysics</i> , 2010, 521, L27.	2.1	29
122	<i>Herschel</i> observations of EXtra-Ordinary Sources (HEXOS): The Terahertz spectrum of Orion KL seen at high spectral resolution. <i>Astronomy and Astrophysics</i> , 2010, 521, L21.	2.1	29
123	An upper limit for the water outgassing rate of the main-belt comet 176P/LINEAR observed with <i>Herschel</i> /HIFI. <i>Astronomy and Astrophysics</i> , 2012, 546, L4.	2.1	29
124	Deep, Broadband Spectral Line Surveys of Molecule-rich Interstellar Clouds. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 3.	3.0	29
125	ALMA OBSERVATIONS OF THE GALACTIC CENTER: SiO OUTFLOWS AND HIGH-MASS STAR FORMATION NEAR Sgr A*. <i>Astrophysical Journal Letters</i> , 2013, 767, L32.	3.0	28
126	Water deuterium fractionation in the high-mass star-forming region G34.26+0.15 based on <i>Herschel</i> /HIFI data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1299-1313.	1.6	28



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127	High angular resolution far-infrared observations of Sagittarius B2. <i>Astrophysical Journal</i> , 1992, 389, 338.	1.6	28
128	Ground State Rotational Lines of Doubly Deuterated Ammonia as Tracers of the Physical Conditions and Chemistry of Cold Interstellar Medium. <i>Astrophysical Journal</i> , 2006, 636, 916-922.	1.6	27
129	<i>Herschel</i> observations of EXtra-Ordinary Sources (HEXOS): detecting spiral arm clouds by CH absorption lines. <i>Astronomy and Astrophysics</i> , 2010, 521, L14.	2.1	27
130	HYDROGEN CHLORIDE IN DIFFUSE INTERSTELLAR CLOUDS ALONG THE LINE OF SIGHT TO W31C (G10.6-0.4). <i>Astrophysical Journal</i> , 2013, 767, 81.	1.6	26
131	Water in star-forming regions with <i>Herschel</i> (WISH). <i>Astronomy and Astrophysics</i> , 2016, 590, A105.	2.1	26
132	The distribution of ND <sub>2</sub> H in LDN 1689N. <i>Astronomy and Astrophysics</i> , 2006, 454, L63-L66.	2.1	26
133	Characterization of a submillimeter high-angular-resolution camera with a monolithic silicon bolometer array for the Caltech Submillimeter Observatory. <i>Applied Optics</i> , 1996, 35, 6629.	2.1	25
134	Water production in comet 81P/Wild 2 as determined by <i>Herschel</i> /HIFI. <i>Astronomy and Astrophysics</i> , 2010, 521, L50.	2.1	25
135	H <sub>2</sub> D <sup>+</sup> IN THE HIGH-MASS STAR-FORMING REGION CYGNUS X. <i>Astrophysical Journal</i> , 2012, 751, 135.	1.6	24
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