

# Jesus Martin-Pintado

## List of Publications by Year in descending order

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169  
papers

7,843  
citations

38742

50  
h-index

60623

81  
g-index

171  
all docs

171  
docs citations

171  
times ranked

3518  
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Herschel</i> -Heterodyne Instrument for the Far-Infrared (HIFI). <i>Astronomy and Astrophysics</i> , 2010, 518, L6.	5.1	557
2	Black hole accretion and star formation as drivers of gas excitation and chemistry in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L42.	5.1	247
3	Dense Gas and Star Formation: Characteristics of Cloud Cores Associated with Water Masers. <i>Astrophysical Journal</i> , 1997, 476, 730-749.	4.5	223
4	In-orbit performance of <i>Herschel</i> -HIFI. <i>Astronomy and Astrophysics</i> , 2012, 537, A17.	5.1	205
5	Organic molecules in the Galactic center. <i>Astronomy and Astrophysics</i> , 2006, 455, 971-985.	5.1	189
6	A 2 Millimeter Spectral Line Survey of the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , Supplement Series, 2006, 164, 450-476.	7.7	183
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.	5.1	155
8	The Galactic Center: The Largest Oxygen-bearing Organic Molecule Repository. <i>Astrophysical Journal</i> , 2008, 672, 352-360.	4.5	150
9	Discovery of Interstellar Propylene (CH <sub>2</sub> CHCH <sub>3</sub> ): Missing Links in Interstellar Gas-Phase Chemistry. <i>Astrophysical Journal</i> , 2007, 665, L127-L130.	4.5	146
10	Molecular gas chemistry in AGN. <i>Astronomy and Astrophysics</i> , 2004, 419, 897-912.	5.1	144
11	<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.	5.1	143
12	S[CLC]i/[CLC]O Emission from the Galactic Center Molecular Clouds. <i>Astrophysical Journal</i> , 1997, 482, L45-L48.	4.5	133
13	Spectral imaging of the Central Molecular Zone in multiple 3-mm molecular lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2961-2986.	4.4	128
14	EVIDENCE FOR CO SHOCK EXCITATION IN NGC 6240 FROM <i>HERSCHEL</i> SPIRE SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2013, 762, L16.	8.3	115
15	Observational study of reactive ions and radicals in PDRs. <i>Astronomy and Astrophysics</i> , 2003, 406, 899-913.	5.1	109
16	Parametrization of C-shocks. Evolution of the sputtering of grains. <i>Astronomy and Astrophysics</i> , 2008, 482, 549-559.	5.1	104
17	The space infrared telescope for cosmology and astrophysics: SPICA A joint mission between JAXA and ESA. <i>Experimental Astronomy</i> , 2009, 23, 193-219.	3.7	100
18	Tracing Shocks and Photodissociation in the Galactic Center Region1. <i>Astrophysical Journal</i> , 2008, 678, 245-254.	4.5	99

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19	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.	5.1	92
20	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.	5.1	90
21	Lambda = 3mm line survey of nearby active galaxies. <i>Astronomy and Astrophysics</i> , 2015, 579, A101.	5.1	89
22	THE FIRST DETECTIONS OF THE KEY PREBIOTIC MOLECULE PO IN STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2016, 826, 161.	4.5	83
23	Detection of interstellar oxidaniumyl: Abundant H <sub>2</sub> O <sup>+</sup> towards the star-forming regions DR21, SgrA2, and NGC6334. <i>Astronomy and Astrophysics</i> , 2010, 518, L111.	5.1	78
24	<i>Herschel</i> observations of water vapour in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L43.	5.1	78
25	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.	5.1	77
26	Sulfur Chemistry and Isotopic Ratios in the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2005, 620, 210-216.	4.5	77
27	Disks and outflows around intermediate-mass stars and protostars. <i>Astronomy and Astrophysics</i> , 2001, 366, 873-890.	5.1	74
28	Warm H <sub>2</sub> in the Galactic center region. <i>Astronomy and Astrophysics</i> , 2001, 365, 174-185.	5.1	73
29	Molecular gas chemistry in AGN. <i>Astronomy and Astrophysics</i> , 2010, 519, A2.	5.1	72
30	A <sup>+</sup> = 1.3mm and 2mm molecular line survey towards M82. <i>Astronomy and Astrophysics</i> , 2011, 535, A84.	5.1	72
31	Observations of SiO towards photon dominated regions. <i>Astronomy and Astrophysics</i> , 2001, 372, 291-301.	5.1	72
32	The Submillimeter Array 1.3mm line survey of Arp220. <i>Astronomy and Astrophysics</i> , 2011, 527, A36.	5.1	71
33	S[CLC]i/[CLC]O Chimneys and Supershells in M82. <i>Astrophysical Journal</i> , 2001, 563, L27-L30.	4.5	70
34	ISO observations of the Galactic center interstellar medium. <i>Astronomy and Astrophysics</i> , 2004, 427, 217-229.	5.1	69
35	Nitrogen hydrides in interstellar gas. <i>Astronomy and Astrophysics</i> , 2010, 521, L45.	5.1	68
36	PACS and SPIRE photometer maps of M33: First results of the <i>HERschel</i> M33 Extended Survey (HERM33ES). <i>Astronomy and Astrophysics</i> , 2010, 518, L67.	5.1	68

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37	HNCO ABUNDANCES IN GALAXIES: TRACING THE EVOLUTIONARY STATE OF STARBURSTS. <i>Astrophysical Journal</i> , 2009, 694, 610-617.	4.5	66
38	Widespread HCO Emission in the Nuclear Starburst of M82. <i>Astrophysical Journal</i> , 2002, 575, L55-L58.	4.5	65
39	Toward the RNA-World in the Interstellar Medium—Detection of Urea and Search of 2-Amino-oxazole and Simple Sugars. <i>Astrobiology</i> , 2020, 20, 1048-1066.	3.0	65
40	Prebiotic Precursors of the Primordial RNA World in Space: Detection of $\text{NH}_2\text{OH}$ . <i>Astrophysical Journal Letters</i> , 2020, 899, L28.	8.3	63
41	First detections of extragalactic $\text{SO}_2$ , NS and NO. <i>Astronomy and Astrophysics</i> , 2003, 411, L465-L468.	5.1	62
42	Discovery in space of ethanolamine, the simplest phospholipid head group. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	62
43	The CHESS spectral survey of star forming regions: Peering into the protostellar shock L1157-B1. <i>Astronomy and Astrophysics</i> , 2010, 518, L113.	5.1	61
44	A large $^{12}\text{C}/^{13}\text{C}$ isotopic ratio in M82 and NGC253. <i>Astronomy and Astrophysics</i> , 2010, 522, A62.	5.1	60
45	A $^{13}\text{C}$ molecular line survey of NGC1068. <i>Astronomy and Astrophysics</i> , 2013, 549, A39.	5.1	60
46	Millimetron—a large Russian-European submillimeter space observatory. <i>Experimental Astronomy</i> , 2009, 23, 221-244.	3.7	58
47	<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.	5.1	57
48	The history of mass dispersal around Herbig Ae/Be stars. <i>Astronomy and Astrophysics</i> , 2002, 387, 977-992.	5.1	57
49	GREAT confirms transient nature of the circum-nuclear disk. <i>Astronomy and Astrophysics</i> , 2012, 542, L21.	5.1	56
50	Surviving the hole. <i>Astronomy and Astrophysics</i> , 2012, 539, A29.	5.1	55
51	Thiols in the Interstellar Medium: First Detection of $\text{HC}(\text{O})\text{SH}$ and Confirmation of $\text{C}_2\text{H}_5\text{SH}$ . <i>Astrophysical Journal Letters</i> , 2021, 912, L11.	8.3	53
52	Grain Evolution across the Shocks in the L1448-mm Outflow. <i>Astrophysical Journal</i> , 2005, 627, L121-L124.	4.5	51
53	$\text{CH}^+(1\text{--}0)$ and $^{13}\text{CH}^+(1\text{--}0)$ absorption lines in the direction of massive star-forming regions. <i>Astronomy and Astrophysics</i> , 2010, 521, L15.	5.1	49
54	CHEMICAL SEGREGATION TOWARD MASSIVE HOT CORES: THE AFGL2591 STAR-FORMING REGION. <i>Astrophysical Journal</i> , 2012, 753, 34.	4.5	49

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55	The unbearable opaqueness of Arp220. <i>Astronomy and Astrophysics</i> , 2016, 590, A25.	5.1	48
56	Low-velocity Ionized Winds from Regions around Young O Stars. <i>Astrophysical Journal</i> , 1999, 520, 162-172.	4.5	48
57	Large-scale molecular shocks in galaxies: the SiO interferometer map of IC 342. <i>Astronomy and Astrophysics</i> , 2006, 448, 457-470.	5.1	47
58	High-Velocity Hot Ammonia in Bipolar Outflows. <i>Astrophysical Journal</i> , 1993, 417, L45.	4.5	47
59	[ITAL]Infrared Space Observatory[/ITAL] Observations toward the Reflection Nebula NGC 7023: A Nonequilibrium Ortho- $\text{H}_2$ Para- $\text{H}_2$ Ratio. <i>Astrophysical Journal</i> , 1999, 518, L45-L48.	4.5	46
60	Large-Scale Grain Mantle Disruption in the Galactic Center. <i>Astrophysical Journal</i> , 2001, 548, L65-L68.	4.5	46
61	EXTRAGALACTIC CS SURVEY. <i>Astrophysical Journal</i> , 2009, 707, 126-136.	4.5	46
62	CS, $\text{HC}_3\text{N}$ , and $\text{CH}_3\text{CCH}$ multi-line analyses toward starburst galaxies. <i>Astronomy and Astrophysics</i> , 2011, 525, A89.	5.1	46
63	Hot Expanding Shells in the Envelope of the Sagittarius B2 Molecular Cloud. <i>Astrophysical Journal</i> , 1999, 519, 667-686.	4.5	45
64	Strong $\text{CH}_3$ $\text{C}^{18}\text{O}$ emission and absorption in DR21. <i>Astronomy and Astrophysics</i> , 2010, 518, L118.	5.1	45
65	Positions of the radio recombination line masers in MWC 349. <i>Astrophysical Journal</i> , 1992, 386, L23.	4.5	45
66	A Photoevaporating Rotating Disk in the Cepheus A HW2 Star Cluster. <i>Astrophysical Journal</i> , 2007, 661, L187-L190.	4.5	44
67	PHOTODISSOCIATION CHEMISTRY FOOTPRINTS IN THE STARBURST GALAXY NGC 253. <i>Astrophysical Journal</i> , 2009, 706, 1323-1330.	4.5	44
68	HIFI spectroscopy of low-level water transitions in M82. <i>Astronomy and Astrophysics</i> , 2010, 521, L1.	5.1	43
69	Precursors of the RNA World in Space: Detection of (Z)-1,2-ethenediol in the Interstellar Medium, a Key Intermediate in Sugar Formation. <i>Astrophysical Journal Letters</i> , 2022, 929, L11.	8.3	43
70	Coupling the dynamics and the molecular chemistry in the Galactic center. <i>Astronomy and Astrophysics</i> , 2006, 455, 963-969.	5.1	42
71	Detection of $\text{OH}$ and $\text{H}_2\text{O}$ towards Orion-KL. <i>Astronomy and Astrophysics</i> , 2010, 521, L47.	5.1	40
72	Mapping photodissociation and shocks in the vicinity of Sagittarius A*. <i>Astronomy and Astrophysics</i> , 2011, 526, A54.	5.1	40

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73	Chemical features in the circumnuclear disk of the Galactic center. <i>Astronomy and Astrophysics</i> , 2015, 584, A102.	5.1	39
74	High-density CN filaments in NGC 2023. <i>Astrophysical Journal</i> , 1995, 442, L33.	4.5	38
75	A New Intermediate-Mass Protostar in the Cepheus A HW2 Region. <i>Astrophysical Journal</i> , 2005, 628, L61-L64.	4.5	37
76	Tracing the Shock Precursors in the L1448-mm/IRS 3 Outflows. <i>Astrophysical Journal</i> , 2004, 603, L49-L52.	4.5	36
77	Large scale ionization of the Radio Arc region by the Quintuplet and the Arches clusters. <i>Astronomy and Astrophysics</i> , 2001, 377, 631-643.	5.1	35
78	Methanol detection in M 82. <i>Astronomy and Astrophysics</i> , 2006, 450, L13-L16.	5.1	33
79	HIGH-LYING OH ABSORPTION, [C II] DEFICITS, AND EXTREME $L_{\text{FIR}}/M_{\text{H}_2}$ RATIOS IN GALAXIES. <i>Astrophysical Journal</i> , 2015, 800, 69.	4.5	33
80	The molecular envelope of Mira. <i>Astrophysical Journal</i> , 1990, 351, 263.	4.5	33
81	Organic Chemistry in the Dark Clouds L1448 and L183: A Unique Grain Mantle Composition. <i>Astrophysical Journal</i> , 2007, 655, L37-L40.	4.5	31
82	SiO EMISSION AS A TRACER OF X-RAY DOMINATED CHEMISTRY IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 694, 943-950.	4.5	31
83	Tracing gas accretion in the Galactic center using isotopic ratios. <i>Astronomy and Astrophysics</i> , 2010, 523, A51.	5.1	31
84	Excitation and abundance of $\text{C}^{3-}$ in star forming cores. <i>Astronomy and Astrophysics</i> , 2010, 521, L13.	5.1	30
85	Gas morphology and energetics at the surface of PDRs: New insights with <i>Herschel</i> observations of NGC 7023. <i>Astronomy and Astrophysics</i> , 2010, 521, L25.	5.1	30
86	UNVEILING THE MAIN HEATING SOURCES IN THE CEPHEUS A HW2 REGION. <i>Astrophysical Journal</i> , 2009, 703, L157-L161.	4.5	28
87	Detection of CO[TSUP]+[TSUP] toward the Reflection Nebula NGC 7023. <i>Astrophysical Journal</i> , 1997, 477, L107-L109.	4.5	28
88	Probing the Chemical Complexity of Amines in the ISM: Detection of Vinylamine ( $\text{C}_2\text{H}_3\text{NH}_2$ ) and Tentative Detection of Ethylamine ( $\text{C}_2\text{H}_5\text{NH}_2$ ). <i>Astrophysical Journal Letters</i> , 2021, 920, L27.	8.3	28
89	On the Heating Source of the Orion KL Hot Core. <i>Astrophysical Journal</i> , 2002, 574, L163-L166.	4.5	27
90	<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.	5.1	27

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91	EXTREMELY BROAD RADIO RECOMBINATION MASER LINES TOWARD THE HIGH-VELOCITY IONIZED JET IN CEPHEUS A HW2. <i>Astrophysical Journal Letters</i> , 2011, 732, L27.	8.3	27
92	Large-scale interaction of the outflow and quiescent gas in Orion. <i>Astrophysical Journal</i> , 1990, 357, L49.	4.5	27
93	THE EVOLUTION OF MOLECULAR LINE PROFILES INDUCED BY THE PROPAGATION OF C-SHOCK WAVES. <i>Astrophysical Journal</i> , 2009, 695, 149-155.	4.5	25
94	3-mm spectral line survey of two lines of sight towards two typical cloud complexes in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 3842-3862.	4.4	25
95	A non-LTE radiative transfer model to study ionized outflows and disks. The case of MWC349A. <i>Astronomy and Astrophysics</i> , 2013, 553, A45.	5.1	23
96	The role of low-mass star clusters in massive star formation. The Orion case. <i>Astronomy and Astrophysics</i> , 2013, 554, A48.	5.1	23
97	Reversal of infall in SgrB2(M) revealed by <i>Herschel</i> /HIFI observations of HCN lines at THz frequencies. <i>Astronomy and Astrophysics</i> , 2010, 521, L46.	5.1	23
98	Shocked molecular gas around the extremely young source IRAS 03282+3035. <i>Astrophysical Journal</i> , 1994, 437, 296.	4.5	23
99	The First Measurements of the Electron Density Enhancements Expected in C-Type Shocks. <i>Astrophysical Journal</i> , 2006, 650, L135-L138.	4.5	22
100	High-resolution study of a star-forming cluster in the Cepheus A HW2 region. <i>Astronomy and Astrophysics</i> , 2007, 469, 207-211.	5.1	22
101	Wideband ultra-low noise cryogenic InP IF amplifiers for the <i>Herschel</i> mission radiometers. , 2003, , .		21
102	The <i>Herschel</i> -Heterodyne Instrument for the Far-Infrared (HIFI). <i>EAS Publications Series</i> , 2009, 34, 3-20.	0.3	21
103	Tracing High-Density Gas in M82 and NGC 4038. <i>Astrophysical Journal</i> , 2008, 685, L35-L38.	4.5	20
104	Dense cores in L1204/S140 - Star formation and velocity shifts. <i>Astrophysical Journal</i> , 1993, 403, 175.	4.5	20
105	The 150 AU Structure of the Radio Continuum and the Ammonia Bipolar Outflow in CRL 618. <i>Astrophysical Journal</i> , 1993, 419, 725.	4.5	20
106	A Molecular Counterpart to the HH 1â€² Flow. <i>Astrophysical Journal</i> , 1999, 520, L111-L114.	4.5	20
107	Tentative Detection of CO[TSUP]+/[TSUP] toward Cygnus A. <i>Astrophysical Journal</i> , 2000, 545, L113-L116.	4.5	20
108	Ionize Hard: Interstellar PO+ Detection. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	2.8	20

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109	ISO observations of the Galactic center interstellar medium. <i>Astronomy and Astrophysics</i> , 2005, 429, 923-938.	5.1	19
110	A NEW RADIO RECOMBINATION LINE MASER OBJECT TOWARD THE MonR2 H II REGION. <i>Astrophysical Journal Letters</i> , 2013, 764, L4.	8.3	19
111	Shocked Ammonia in the Wolf-Rayet Nebula NGC 2359. <i>Astrophysical Journal</i> , 2001, 553, L181-L184.	4.5	18
112	The Origin of the E/Z Isomer Ratio of Imines in the Interstellar Medium. <i>Astrophysical Journal Letters</i> , 2021, 912, L6.	8.3	18
113	Disk and wind kinematics in MWC 349. <i>Astronomy and Astrophysics</i> , 2011, 530, L15.	5.1	18
114	Simulated Ratio Recombination Line Emission at 1.3 Centimeters toward MWC 349. <i>Astrophysical Journal</i> , 1993, 418, L79.	4.5	18
115	The Herschel-Heterodyne Instrument for the Far-Infrared (HIFI): instrument and pre-launch testing. <i>Proceedings of SPIE</i> , 2008, , .	0.8	17
116	HIFI observations of warm gas in DR21: Shock versus radiative heating. <i>Astronomy and Astrophysics</i> , 2010, 518, L79.	5.1	17
117	Excitation of the molecular gas in the nuclear region of M 82. <i>Astronomy and Astrophysics</i> , 2010, 521, L2.	5.1	17
118	The molecular circumnuclear disk (CND) in Centaurus A. <i>Astronomy and Astrophysics</i> , 2014, 562, A96.	5.1	17
119	SHORT- AND LONG-TERM RADIO VARIABILITY OF YOUNG STARS IN THE ORION NEBULA CLUSTER AND MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2015, 808, 146.	4.5	17
120	The Disruption of the Dense Disk in CRL 618. <i>Astrophysical Journal</i> , 1995, 446, 687.	4.5	17
121	A High-Density Thin Layer Confining the HiiRegion M42: Heinrich Hertz Telescope Measurements. <i>Astrophysical Journal</i> , 2001, 559, 985-992.	4.5	17
122	OH Rotational Lines as a Diagnostic of the Warm Neutral Gas in Galaxies. <i>Astrophysical Journal</i> , 2005, 619, 291-296.	4.5	16
123	The role of low-mass star clusters in forming the massive stars in DR 21. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1561-1575.	4.4	16
124	Gas-Rich Galaxy Pair Unveiled in the Lensed Quasar 0957+561. <i>Science</i> , 1999, 286, 2493-2495.	12.6	15
125	The origin of the [C II] emission in the S140 photon-dominated regions. <i>New insights from HIFI. Astronomy and Astrophysics</i> , 2010, 521, L24.	5.1	15
126	X-ray embedded stars as driving sources of outflow-driven turbulence in OMC1-S. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2313-2328.	4.4	15



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127	<i>Herschel</i> observations in the ultracompact HII region Mon R2. <i>Astronomy and Astrophysics</i> , 2010, 521, L23.	5.1	13
128	Discovery of hot ammonia in the proto-planetary nebulae CRL 618 and CRL 2688. <i>Astrophysical Journal</i> , 1992, 391, L93.	4.5	13
129	Origin of the ionized wind in MWC 349A. <i>Astronomy and Astrophysics</i> , 2014, 571, L4.	5.1	12
130	Molecular Precursors of the RNA-World in Space: New Nitriles in the G+0.693 $\pm$ 0.027 Molecular Cloud. <i>Frontiers in Astronomy and Space Sciences</i> , 0, 9, .	2.8	12
131	Kinetic temperatures toward X1/X2 orbit interceptions regions and giant molecular loops in the Galactic center region. <i>Astronomy and Astrophysics</i> , 2013, 549, A36.	5.1	11
132	On the history of the interplay between HD 56925 and NGC 2359. <i>Astronomy and Astrophysics</i> , 2001, 366, 146-156.	5.1	11
133	ESPRIT: a study concept for a far-infrared interferometer in space. , 2008, , .		10
134	High-resolution maps of 6 centimeter formaldehyde - Clumping in molecular clouds. <i>Astrophysical Journal</i> , 1985, 299, 386.	4.5	10
135	Q0957+561 revised: CO emission from a disk at $z = 1.4$ . <i>Astronomy and Astrophysics</i> , 2005, 431, 879-886.	5.1	9
136	The WADI key project: New insights to photon-dominated regions from <i>Herschel</i> observations. <i>EAS Publications Series</i> , 2011, 52, 181-186.	0.3	9
137	Shocked gas layers surrounding the WR nebula NGC 2359. <i>Astronomy and Astrophysics</i> , 2003, 411, 465-475.	5.1	9
138	Deuterium Fractionation as a Multiphase Component Tracer in the Galactic Center. <i>Astrophysical Journal Letters</i> , 2022, 926, L22.	8.3	9
139	SPACEKIDS: kinetic inductance detectors for space applications. <i>Proceedings of SPIE</i> , 2016, , .	0.8	8
140	The warm molecular gas in the Galactic Center. <i>Astrophysics and Space Science</i> , 2002, 281, 331-332.	1.4	7
141	Large-scale molecular shocks in galaxies. <i>New Astronomy Reviews</i> , 2007, 51, 75-79.	12.8	7
142	VARIABILITY OF THE SiO THERMAL LINE EMISSION TOWARD THE YOUNG L1448-mm OUTFLOW. <i>Astrophysical Journal</i> , 2011, 739, 80.	4.5	5
143	The search for the magnetic precursor of C-type shocks in young molecular outflows. <i>Astronomy and Astrophysics</i> , 2012, 544, A150.	5.1	5
144	Shear in the IRAS 3282 Outflow. <i>Astrophysical Journal</i> , 1993, 415, L139.	4.5	5

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145	Quasi-thermal excitation of the satellite lines of OH at 5 cm. Monthly Notices of the Royal Astronomical Society, 1983, 204, 709-714.	4.4	4
146	Exploratory Submm Space Radio-Interferometric Telescope (ESPRIT). , 2004, , .		4
147	Exploratory submm space radio-interferometric telescope. Advances in Space Research, 2005, 36, 1109-1113.	2.6	4
148	ESPRIT: a space interferometer concept for the far-infrared. , 2006, 6265, 637.		4
149	The magnetic precursor of L1448-mm: excitation differences between ion and neutral fluids. Astronomy and Astrophysics, 2010, 513, A64.	5.1	4
150	Molecular gas in young planetary nebulae. Astrophysics and Space Science, 1990, 171, 195-198.	1.4	2
151	Recombination line masers in YSOs. Symposium - International Astronomical Union, 2002, 206, 226-233.	0.1	2
152	The Galactic Center as nearby extragalactic chemical laboratory. Astrophysics and Space Science, 2008, 313, 303-306.	1.4	2
153	Towards Mo/Au based TES detectors for Athena/X-IFU. Proceedings of SPIE, 2014, , .	0.8	2
154	A hot ring in the Sgr B2 molecular cloud. Globular Clusters - Guides To Galaxies, 1996, , 210-213.	0.1	2
155	Extragalactic chemistry of molecular gas: lessons from the local universe. Faraday Discussions, 2006, 133, 33-42.	3.2	1
156	High-resolution mm interferometry and the search for massive protostellar disks: the case of Cep-A HW2. Astrophysics and Space Science, 2008, 313, 59-63.	1.4	1
157	Revealing the "fingerprints" of the magnetic precursor of C-shocks. Astrophysics and Space Science, 2008, 313, 159-163.	1.4	1
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