

João Alves

List of Publications by Year in descending order

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179
papers

28,301
citations

15504

65
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5679

162
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181
all docs

181
docs citations

181
times ranked

13341
citing authors

#	ARTICLE	IF	CITATIONS
1	Star formation near the Sun is driven by expansion of the Local Bubble. <i>Nature</i> , 2022, 601, 334-337.	27.8	78
2	Evidence of a vertical kinematic oscillation beyond the Radcliffe wave. <i>Astronomy and Astrophysics</i> , 2022, 660, L12.	5.1	11
3	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2021, 645, A84.	5.1	64
4	Star formation in "the Brick": ALMA reveals an active protocluster in the Galactic centre cloud G0.253+0.016. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 77-95.	4.4	19
5	Probing the Cold Deep Depths of the California Molecular Cloud: The Icy Relationship between CO and Dust. <i>Astrophysical Journal</i> , 2021, 908, 76.	4.5	9
6	3D dynamics of the Orion cloud complex. <i>Astronomy and Astrophysics</i> , 2021, 647, A91.	5.1	35
7	Monoceros OB4: a new association in Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 504, L17-L21.	3.3	0
8	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A6.	5.1	175
9	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A1.	5.1	2,429
10	Clustered star formation toward Berkeley 87/ON2. <i>Astronomy and Astrophysics</i> , 2021, 650, A156.	5.1	0
11	The centres of M83 and the Milky Way: opposite extremes of a common star formation cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4310-4337.	4.4	16
12	The "Ophiuchi region revisited with <i>Gaia</i> EDR3. <i>Astronomy and Astrophysics</i> , 2021, 652, A2.	5.1	18
13	Water and methanol ice in L 1544. <i>Astronomy and Astrophysics</i> , 2021, 651, A53.	5.1	10
14	A Solar System formation analogue in the Ophiuchus star-forming complex. <i>Nature Astronomy</i> , 2021, 5, 1009-1016.	10.1	20
15	Evidence for Radial Expansion at the Core of the Orion Complex with <i>Gaia</i> EDR3. <i>Astrophysical Journal</i> , 2021, 917, 21.	4.5	18
16	On the Three-dimensional Structure of Local Molecular Clouds. <i>Astrophysical Journal</i> , 2021, 919, 35.	4.5	33
17	The Per-Tau Shell: A Giant Star-forming Spherical Shell Revealed by 3D Dust Observations. <i>Astrophysical Journal Letters</i> , 2021, 919, L5.	8.3	31
18	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2020, 639, A64.	5.1	24

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19	The future of IMF studies with the ELT and MICADO. <i>Astronomy and Astrophysics</i> , 2020, 639, A120.	5.1	1
20	Constraining the distance to the North Polar Spur with Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5863-5872.	4.4	14
21	AVIATOR: Morphological object reconstruction in 3D. <i>Astronomy and Astrophysics</i> , 2020, 633, A132.	5.1	9
22	A Galactic-scale gas wave in the solar neighbourhood. <i>Nature</i> , 2020, 578, 237-239.	27.8	86
23	Discovery of new stellar groups in the Orion complex. <i>Astronomy and Astrophysics</i> , 2020, 643, A114.	5.1	19
24	A compendium of distances to molecular clouds in the Star Formation Handbook. <i>Astronomy and Astrophysics</i> , 2020, 633, A51.	5.1	141
25	A wide survey for circumstellar disks in the Lupus complex. <i>Astronomy and Astrophysics</i> , 2020, 642, A86.	5.1	9
26	A Large Catalog of Accurate Distances to Local Molecular Clouds: The Gaia DR2 Edition. <i>Astrophysical Journal</i> , 2019, 879, 125.	4.5	183
27	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2019, 621, L3.	5.1	70
28	Not so different after all: properties and spatial structure of column density peaks in the pipe and Orion A clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4429-4443.	4.4	7
29	The CARMA-NRO Orion Survey: Core Emergence and Kinematics in the Orion A Cloud. <i>Astrophysical Journal</i> , 2019, 882, 45.	4.5	6
30	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2019, 624, L11.	5.1	29
31	Young massive star cluster formation in the Galactic Centre is driven by global gravitational collapse of high-mass molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 283-303.	4.4	29
32	VISION – Vienna survey in Orion. <i>Astronomy and Astrophysics</i> , 2019, 622, A149.	5.1	34
33	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2019, 622, L13.	5.1	76
34	3D shape of Orion A from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 619, A106.	5.1	106
35	The HP2 Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A24.	5.1	6
36	A physically motivated core definition applied to dust emission observations of the Pipe nebula. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 259-260.	0.0	0

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37	3D shape of Orion A with <i>Gaia</i> DR2 An informed view on Star Formation Rates and Efficiencies. Proceedings of the International Astronomical Union, 2018, 14, 27-33.	0.0	1
38	Prestellar Core Collisions - Impact on the formation of the CMF? A case study on FeSt 1-457. Proceedings of the International Astronomical Union, 2018, 14, 328-329.	0.0	0
39	An ALMA study of the Orion Integral Filament. Astronomy and Astrophysics, 2018, 610, A77.	5.1	155
40	VISION - Vienna Survey in Orion. Astronomy and Astrophysics, 2018, 614, A65.	5.1	16
41	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	5.1	638
42	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	5.1	6,364
43	The MICADO first light imager for the ELT: overview, operation, simulation. , 2018, , .		13
44	X Marks the Spot: Nexus of Filaments, Cores, and Outflows in a Young Star-forming Region. Astrophysical Journal, 2017, 840, 119.	4.5	8
45	Gravitational collapse of the OMC-1 region. Astronomy and Astrophysics, 2017, 602, L2.	5.1	67
46	Orion revisited. Astronomy and Astrophysics, 2017, 598, A124.	5.1	12
47	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 605, A52.	5.1	5
48	Estimating extinction using unsupervised machine learning. Astronomy and Astrophysics, 2017, 601, A137.	5.1	14
49	A new method to unveil embedded stellar clusters. Astronomy and Astrophysics, 2017, 608, A13.	5.1	4
50	Fibers in the NGC 1333 proto-cluster. Astronomy and Astrophysics, 2017, 606, A123.	5.1	79
51	HP2 survey. Astronomy and Astrophysics, 2017, 606, A100.	5.1	31
52	The shapes of column density PDFs. Astronomy and Astrophysics, 2017, 606, L2.	5.1	56
53	<i>Herschel-Planck</i> dust optical depth and column density maps. Astronomy and Astrophysics, 2016, 587, A106.	5.1	54
54	APOGEE strings: A fossil record of the gas kinematic structure. Astronomy and Astrophysics, 2016, 589, A80.	5.1	25

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55	The Musca cloud: A 6 pc-long velocity-coherent, sonic filament. <i>Astronomy and Astrophysics</i> , 2016, 587, A97.	5.1	75
56	Star formation along the Hubble sequence. <i>Astronomy and Astrophysics</i> , 2016, 590, A44.	5.1	128
57	The <i>Gaia</i> mission. <i>Astronomy and Astrophysics</i> , 2016, 595, A1.	5.1	4,509
58	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2016, 594, A36.	5.1	193
59	Gas absorption and dust extinction towards the Orion Nebula Cluster. <i>Astronomy and Astrophysics</i> , 2016, 593, A7.	5.1	10
60	KOMPANEETS MODEL FITTING OF THE ORION-ERIDANUS SUPERBUBBLE. II. THINKING OUTSIDE OF BARNARD'S LOOP. <i>Astrophysical Journal</i> , 2016, 827, 42.	4.5	20
61	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A2.	5.1	1,590
62	Opacity broadening and interpretation of suprathreshold CO linewidths: Macroscopic turbulence and tangled molecular clouds. <i>Astronomy and Astrophysics</i> , 2016, 591, A104.	5.1	58
63	VISION - Vienna survey in Orion. <i>Astronomy and Astrophysics</i> , 2016, 587, A153.	5.1	54
64	SimCADO: an instrument data simulator package for MICADO at the E-ELT., 2016, , .		9
65	Gravitational fragmentation caught in the act: the filamentary Musca molecular cloud. <i>Astronomy and Astrophysics</i> , 2016, 586, A27.	5.1	63
66	The <i>roAp</i> star ϵ Circinus as seen by BRITE-Constellation. <i>Astronomy and Astrophysics</i> , 2016, 588, A54.	5.1	11
67	APERTURE EFFECTS ON THE OXYGEN ABUNDANCE DETERMINATIONS FROM CALIFA DATA. <i>Astrophysical Journal</i> , 2016, 826, 71.	4.5	22
68	Molecular clouds have power-law probability distribution functions. <i>Astronomy and Astrophysics</i> , 2015, 576, L1.	5.1	96
69	STAR FORMATION ACROSS THE W3 COMPLEX. <i>Astronomical Journal</i> , 2015, 150, 80.	4.7	21
70	Molecular clouds have power-law PDFs (not log-normal). <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 706-707.	0.0	0
71	Cosmography of OB stars in the solar neighbourhood. <i>Astronomy and Astrophysics</i> , 2015, 584, A26.	5.1	49
72	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2015, 576, A135.	5.1	159

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73	Smoke in the Pipe Nebula: dust emission and grain growth in the starless core FeSt 1-457. <i>Astronomy and Astrophysics</i> , 2015, 580, A114.	5.1	18
74	Simulated low-intensity optical pulsar observation with single-photon detector. <i>Astronomy and Astrophysics</i> , 2015, 574, A9.	5.1	1
75	The CALIFA survey across the Hubble sequence. <i>Astronomy and Astrophysics</i> , 2015, 581, A103.	5.1	222
76	Some like it cold: molecular emission and effective dust temperatures of dense cores in the Pipe Nebula. <i>Astronomy and Astrophysics</i> , 2014, 568, A27.	5.1	15
77	2MASS wide-field extinction maps. <i>Astronomy and Astrophysics</i> , 2014, 565, A18.	5.1	34
78	Herschel-Planck dust optical-depth and column-density maps(Corrigendum). <i>Astronomy and Astrophysics</i> , 2014, 568, C1.	5.1	9
79	INSIGHTS ON THE STELLAR MASS-METALLICITY RELATION FROM THE CALIFA SURVEY. <i>Astrophysical Journal Letters</i> , 2014, 791, L16.	8.3	94
80	THE BONES OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2014, 797, 53.	4.5	105
81	Orion revisited. <i>Astronomy and Astrophysics</i> , 2014, 564, A29.	5.1	50
82	The star formation history of CALIFA galaxies: Radial structures. <i>Astronomy and Astrophysics</i> , 2014, 562, A47.	5.1	142
83	The Mice at play in the CALIFA survey. <i>Astronomy and Astrophysics</i> , 2014, 567, A132.	5.1	38
84	CALIFA: a diameter-selected sample for an integral field spectroscopy galaxy survey. <i>Astronomy and Astrophysics</i> , 2014, 569, A1.	5.1	194
85	Herschel-Planck dust optical-depth and column-density maps. <i>Astronomy and Astrophysics</i> , 2014, 566, A45.	5.1	148
86	BRITE-Constellation: Nanosatellites for Precision Photometry of Bright Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 573-585.	3.1	145
87	The Formation and Early Evolution of Young Massive Clusters. , 2014, , .		42
88	Single-Photon Technique for the Detection of Periodic Extraterrestrial Laser Pulses. <i>Astrobiology</i> , 2013, 13, 521-535.	3.0	11
89	A sub-parsec resolution simulation of the Milky Way: global structure of the interstellar medium and properties of molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1836-1851.	4.4	159
90	Characterisation of the MALT90 Survey and the Mopra Telescope at 90 GHz. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	52

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91	SCHMIDT'S CONJECTURE AND STAR FORMATION IN MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2013, 778, 133.	4.5	88
92	MALT90: The Millimetre Astronomy Legacy Team 90 GHz Survey. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	131
93	The nature of LINER galaxies:. <i>Astronomy and Astrophysics</i> , 2013, 558, A43.	5.1	228
94	Fitting density models to observational data. <i>Astronomy and Astrophysics</i> , 2013, 559, A90.	5.1	24
95	Mass-metallicity relation explored with CALIFA. <i>Astronomy and Astrophysics</i> , 2013, 554, A58.	5.1	209
96	The mid-infrared extinction law in the darkest cores of the Pipe Nebula. <i>Astronomy and Astrophysics</i> , 2013, 549, A135.	5.1	28
97	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2013, 549, A87.	5.1	170
98	Aperture corrections for disk galaxy properties derived from the CALIFA survey. <i>Astronomy and Astrophysics</i> , 2013, 553, L7.	5.1	37
99	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , 2012, 538, A8.	5.1	904
100	G0.253 + 0.016: A MOLECULAR CLOUD PROGENITOR OF AN ARCHES-LIKE CLUSTER. <i>Astrophysical Journal</i> , 2012, 746, 117.	4.5	138
101	BARNARD 59: NO EVIDENCE FOR FURTHER FRAGMENTATION. <i>Astrophysical Journal</i> , 2012, 747, 149.	4.5	10
102	Orion revisited. <i>Astronomy and Astrophysics</i> , 2012, 547, A97.	5.1	67
103	STAR FORMATION RATES IN MOLECULAR CLOUDS AND THE NATURE OF THE EXTRAGALACTIC SCALING RELATIONS. <i>Astrophysical Journal</i> , 2012, 745, 190.	4.5	257
104	The extinction law from photometric data: linear regression methods. <i>Astronomy and Astrophysics</i> , 2012, 540, A139.	5.1	4
105	A simple perspective on the mass-area relationship in molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2579-2586.	4.4	27
106	Mass reservoirs surrounding massive infrared dark clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A48.	5.1	35
107	2MASS wide field extinction maps. <i>Astronomy and Astrophysics</i> , 2011, 535, A16.	5.1	105
108	Insights on molecular cloud structure. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 99-102.	0.0	0

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109	STAR FORMATION IN THE TAURUS FILAMENT L 1495: FROM DENSE CORES TO STARS. <i>Astrophysical Journal</i> , 2010, 725, 1327-1336.	4.5	58
110	ON THE STAR FORMATION RATES IN MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2010, 724, 687-693.	4.5	574
111	DEEP NEAR-INFRARED SURVEY OF THE PIPE NEBULA. II. DATA, METHODS, AND DUST EXTINCTION MAPS. <i>Astrophysical Journal</i> , 2010, 725, 2232-2250.	4.5	42
112	2MASS wide field extinction maps. <i>Astronomy and Astrophysics</i> , 2010, 512, A67.	5.1	111
113	Larson's third law and the universality of molecular cloud structure. <i>Astronomy and Astrophysics</i> , 2010, 519, L7.	5.1	94
114	A SPITZER CENSUS OF STAR FORMATION ACTIVITY IN THE PIPE NEBULA. <i>Astrophysical Journal</i> , 2009, 704, 292-305.	4.5	52
115	HIGH RESOLUTION NEAR-INFRARED SURVEY OF THE PIPE NEBULA. I. A DEEP INFRARED EXTINCTION MAP OF BARNARD 59. <i>Astrophysical Journal</i> , 2009, 704, 183-195.	4.5	29
116	Edge-on disk around the T Tauri star [MR81] H ₁₇ NE in Corona Australis. <i>Astronomy and Astrophysics</i> , 2009, 496, 777-786.	5.1	5
117	THE INEVITABLE FUTURE OF THE STARLESS CORE BARNARD 68. <i>Astrophysical Journal</i> , 2009, 695, 1308-1314.	4.5	20
118	THE CALIFORNIA MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2009, 703, 52-59.	4.5	118
119	A VERY LARGE TELESCOPE/NACO STUDY OF STAR FORMATION IN THE MASSIVE EMBEDDED CLUSTER RCW 38. <i>Astronomical Journal</i> , 2009, 138, 33-45.	4.7	21
120	Mass segregation in young clusters: observational biases. <i>Astrophysics and Space Science</i> , 2009, 324, 113-119.	1.4	6
121	No evidence of mass segregation in massive young clusters. <i>Astronomy and Astrophysics</i> , 2009, 495, 147-155.	5.1	49
122	The Night Sky at the Calar Alto Observatory II: The Sky at the Near-infrared. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 1244-1254.	3.1	21
123	Hunting Galaxies to (and for) Extinction. <i>Astrophysical Journal</i> , 2008, 674, 831-845.	4.5	17
124	The Nature of the Dense Core Population in the Pipe Nebula: Thermal Cores Under Pressure. <i>Astrophysical Journal</i> , 2008, 672, 410-422.	4.5	187
125	Near-infrared reddening of extra-galactic giant molecular clouds in a face-on geometry. <i>Astronomy and Astrophysics</i> , 2008, 482, 229-236.	5.1	1
126	Hipparcos distance estimates of the Ophiuchus and the Lupus cloud complexes. <i>Astronomy and Astrophysics</i> , 2008, 480, 785-792.	5.1	128

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127	2MASS wide field extinction maps. <i>Astronomy and Astrophysics</i> , 2008, 489, 143-156.	5.1	92
128	The Infrared Extinction Law at Extreme Depth in a Dark Cloud Core. <i>Astrophysical Journal</i> , 2007, 664, 357-362.	4.5	64
129	The Nature of the Dense Core Population in the Pipe Nebula: Core and Cloud Kinematics from $C^{18}O$ Observations. <i>Astrophysical Journal</i> , 2007, 671, 1820-1831.	4.5	42
130	The Night Sky at the Calar Alto Observatory. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 1186-1200.	3.1	66
131	The mass function of dense molecular cores and the origin of the IMF. <i>Astronomy and Astrophysics</i> , 2007, 462, L17-L21.	5.1	397
132	Near-IR imaging of Galactic massive clusters: Westerlund 2. <i>Astronomy and Astrophysics</i> , 2007, 466, 137-149.	5.1	67
133	PPAK integral field spectroscopy survey of the Orion nebula. <i>Astronomy and Astrophysics</i> , 2007, 465, 207-217.	5.1	37
134	NTT and VLT diffraction limited imaging of Trumpler 14: revealing a massive core-halo cluster. <i>Astronomy and Astrophysics</i> , 2007, 476, 199-215.	5.1	68
135	Determination of the mass function of extra-galactic GMCs via NIR color maps. <i>Astronomy and Astrophysics</i> , 2007, 468, 581-585.	5.1	2
136	EXTRAGALACTIC MOLECULAR CLOUDS. , 2007, , 363-366.		0
137	THE ORIGIN OF THE INITIAL MASS FUNCTION IS IN THE CLOUD STRUCTURE. , 2007, , 417-422.		0
138	2MASS wide field extinction maps. <i>Astronomy and Astrophysics</i> , 2006, 454, 781-796.	5.1	181
139	Probable detection of H_2^{+} in the starless core Barnard 68. <i>Astronomy and Astrophysics</i> , 2006, 454, L59-L62.	5.1	9
140	Molecular clouds in galaxies as seen from NIR extinction studies. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 204-207.	0.0	0
141	The COMPLETE Survey of Star-Forming Regions: Phase I Data. <i>Astronomical Journal</i> , 2006, 131, 2921-2933.	4.7	227
142	The Thermal Structure of Gas in Prestellar Cores: A Case Study of Barnard 68. <i>Astrophysical Journal</i> , 2006, 645, 369-380.	4.5	64
143	X-Ray and Infrared Point Source Identification and Characteristics in the Embedded, Massive Star-Forming Region RCW 38. <i>Astronomical Journal</i> , 2006, 132, 1100-1125.	4.7	60
144	On the difference between nuclear and contraction ages. <i>Astronomy and Astrophysics</i> , 2006, 453, 101-119.	5.1	54

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145	From Dusty Filaments to Cores to Stars: An Infrared Extinction Study of Lupus 3. <i>Astrophysical Journal</i> , 2005, 629, 276-287.	4.5	44
146	Constraints on Inner Disk Evolution Timescales: A Disk Census of the ρ Chamaeleontis Young Cluster. <i>Astrophysical Journal</i> , 2005, 627, L57-L60.	4.5	22
147	Massive star formation in the W49 giant molecular cloud: Implications for the formation of massive star clusters. <i>Astronomy and Astrophysics</i> , 2005, 430, 481-489.	5.1	39
148	Size distribution of circumstellar disks in the Trapezium cluster. <i>Astronomy and Astrophysics</i> , 2005, 441, 195-205.	5.1	82
149	Observations of Star Formation. <i>Symposium - International Astronomical Union</i> , 2004, 221, 3-15.	0.1	1
150	The structure of molecular clouds from pc to AU scale. <i>Astrophysics and Space Science</i> , 2004, 289, 259-263.	1.4	1
151	Deep 3.8 Micron Observations of the Trapezium Cluster. <i>Astronomical Journal</i> , 2004, 128, 1254-1264.	4.7	63
152	Discovery of a Dusty Ring in the Coalsack: A Dense Core Caught in the Act of Formation?. <i>Astrophysical Journal</i> , 2004, 610, 303-312.	4.5	28
153	The Structure of Molecular Clouds from PC to AU Scale. , 2004, , 83-87.		0
154	Envelope Structure of Starless Core L694â€² Derived from a Nearâ€infrared Extinction Map. <i>Astrophysical Journal</i> , 2003, 598, 1112-1126.	4.5	33
155	Uncovering the Beast: Discovery of Embedded Massive Stellar Clusters in W49A. <i>Astrophysical Journal</i> , 2003, 589, L45-L49.	4.5	35
156	The Substellar Luminosity and Mass Functions of the Trapezium Cluster Down to the Deuterium Burning Limit. <i>Symposium - International Astronomical Union</i> , 2003, 211, 67-68.	0.1	0
157	Dust properties of the dark cloud ICâ€%5146. <i>Astronomy and Astrophysics</i> , 2003, 399, 1073-1082.	5.1	70
158	Spatial Study with the Very Large Telescope of a New Resolved Edgeâ€on Circumstellar Dust Disk Discovered at the Periphery of the ρ Ophiuchi Dark Cloud. <i>Astrophysical Journal</i> , 2003, 586, 296-305.	4.5	35
159	The Dynamical State of Barnard 68: A Thermally Supported, Pulsating Dark Cloud. <i>Astrophysical Journal</i> , 2003, 586, 286-295.	4.5	104
160	The Luminosity and Mass Function of the Trapezium Cluster: From B Stars to the Deuteriumâ€burning Limit. <i>Astrophysical Journal</i> , 2002, 573, 366-393.	4.5	325
161	N_2^+ and $C^{18}O$ Depletion in a Cold Dark Cloud. <i>Astrophysical Journal</i> , 2002, 570, L101-L104.	4.5	318
162	HST, VLT, and NTT imaging search for wide companions to bona-fide and candidate brown dwarfs in the ChaâI dark cloud. <i>Astronomy and Astrophysics</i> , 2002, 384, 999-1011.	5.1	35

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163	Discovery of Nonthermal X-Ray Emission from the Embedded Massive Star-forming Region RCW 38. <i>Astrophysical Journal</i> , 2002, 580, L161-L165.	4.5	45
164	Molecular Cloud Structure: The VLT View. <i>Globular Clusters - Guides To Galaxies</i> , 2002, , 35-43.	0.1	0
165	Infrared Imaging of Embedded Clusters: Constraints for Star and Planet Formation. <i>Globular Clusters - Guides To Galaxies</i> , 2002, , 153-170.	0.1	0
166	Mapping the Interstellar Dust with Near-Infrared Observations: An Optimized Multi-Band Technique. <i>Globular Clusters - Guides To Galaxies</i> , 2002, , 19-26.	0.1	0
167	Discovery of new embedded Herbig-Haro objects in the Ophiuchi dark cloud. <i>Astronomy and Astrophysics</i> , 2001, 380, L1-L4.	5.1	15
168	Mapping the interstellar dust with near-infrared observations: An optimized multi-band technique. <i>Astronomy and Astrophysics</i> , 2001, 377, 1023-1034.	5.1	242
169	Structure of Protostellar Collapse Candidate B335 Derived from Near-Infrared Extinction Maps. <i>Astrophysical Journal</i> , 2001, 563, 903-918.	4.5	72
170	Evidence for Circumstellar Disks around Young Brown Dwarfs in the Trapezium Cluster. <i>Astrophysical Journal</i> , 2001, 558, L51-L54.	4.5	159
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