

THE 2014 ALMA LONG BASELINE CAMPAIGN: FIRST R OBSERVATIONS TOWARD THE HL TAU REGION

Astrophysical Journal Letters

808, L3

DOI: [10.1088/2041-8205/808/1/L3](https://doi.org/10.1088/2041-8205/808/1/L3)

Citation Report

#	ARTICLE	IF	CITATIONS
2	The Structure and Evolution of Protoplanetary Disks: an Infrared and Submillimeter View. Proceedings of the International Astronomical Union, 2015, 10, 128-134.	0.0	0
3	Linking the Origin of Asteroids to Planetesimal Formation in the Solar Nebula. Proceedings of the International Astronomical Union, 2015, 10, 1-8.	0.0	10
4	GRAIN GROWTH IN THE CIRCUMSTELLAR DISKS OF THE YOUNG STARS CY Tau AND DoAr 25. Astrophysical Journal, 2015, 813, 41.	1.6	100
5	DIRECT IMAGING OF THE WATER SNOW LINE AT THE TIME OF PLANET FORMATION USING TWO ALMA CONTINUUM BANDS. Astrophysical Journal Letters, 2015, 815, L15.	3.0	112
6	DOUBLE DCO ⁺ RINGS REVEAL CO ICE DESORPTION IN THE OUTER DISK AROUND IM LUP. Astrophysical Journal, 2015, 810, 112.	1.6	83
7	ORIGIN AND KINEMATICS OF THE ERUPTIVE FLOW FROM XZ TAU REVEALED BY ALMA. Astrophysical Journal Letters, 2015, 811, L4.	3.0	12
8	PLANET FORMATION SIGNPOSTS: OBSERVABILITY OF CIRCUMPLANETARY DISKS VIA GAS KINEMATICS. Astrophysical Journal Letters, 2015, 811, L5.	3.0	112
9	SPIRAL ARMS IN GRAVITATIONALLY UNSTABLE PROTOPLANETARY DISKS AS IMAGED IN SCATTERED LIGHT. Astrophysical Journal Letters, 2015, 812, L32.	3.0	89
10	Infrared study of transitional disks in Ophiuchus with <i>Herschel</i> . Astronomy and Astrophysics, 2015, 581, A30.	2.1	19
11	PEERING INTO THE GIANT-PLANET-FORMING REGION OF THE TW HYDRAE DISK WITH THE GEMINI PLANET IMAGER. Astrophysical Journal Letters, 2015, 815, L26.	3.0	79
12	Toroidal vortices and the conglomeration of dust into rings in protoplanetary discs. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L78-L82.	1.2	38
13	Observations of planet-forming volatiles. Proceedings of the International Astronomical Union, 2015, 11, 390-394.	0.0	0
14	ALMA images of discs: are all gaps carved by planets?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 454, L36-L40.	1.2	68
15	On planet formation in HL Tau. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L73-L77.	1.2	207
16	<i>SPITZER</i> IRS SPECTRA OF DEBRIS DISKS IN THE SCORPIUS-CENTAURUS OB ASSOCIATION. Astrophysical Journal, 2015, 808, 167.	1.6	25
17	Observations of Solids in Protoplanetary Disks. Publications of the Astronomical Society of the Pacific, 2015, 127, 961-993.	1.0	80
18	ALMA REVEALS THE ANATOMY OF THE mm-SIZED DUST AND MOLECULAR GAS IN THE HD 97048 DISK. Astrophysical Journal, 2016, 831, 200.	1.6	42
19	INTEGRATION OF PARTICLE-GAS SYSTEMS WITH STIFF MUTUAL DRAG INTERACTION. Astrophysical Journal, Supplement Series, 2016, 224, 39.	3.0	57

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20	STABILITY AND OCCURRENCE RATE CONSTRAINTS ON THE PLANETARY SCULPTING HYPOTHESIS FOR α -TRANSITIONAL DISKS. <i>Astrophysical Journal</i> , 2016, 825, 77.	1.6	59
21	GAP OPENING IN 3D: SINGLE-PLANET GAPS. <i>Astrophysical Journal</i> , 2016, 832, 105.	1.6	107
22	THE INNER STRUCTURE OF THE TW HYA DISK AS REVEALED IN SCATTERED LIGHT*. <i>Astrophysical Journal Letters</i> , 2016, 819, L1.	3.0	37
23	A DWARF TRANSITIONAL PROTOPLANETARY DISK AROUND XZ TAU B. <i>Astrophysical Journal Letters</i> , 2016, 825, L10.	3.0	18
24	MAPPING CO GAS IN THE GG TAURI A TRIPLE SYSTEM WITH 50 au SPATIAL RESOLUTION. <i>Astrophysical Journal</i> , 2016, 820, 19.	1.6	19
25	Setting the volatile composition of (exo)planet-building material. <i>Astronomy and Astrophysics</i> , 2016, 595, A83.	2.1	123
26	Constraining the physical structure of the inner few 100 AU scales of deeply embedded low-mass protostars. <i>Astronomy and Astrophysics</i> , 2016, 590, A33.	2.1	34
27	Gaps, rings, and non-axisymmetric structures in protoplanetary disks: Emission from large grains. <i>Astronomy and Astrophysics</i> , 2016, 590, A17.	2.1	77
28	Discovery of concentric broken rings at sub-arcsec separations in the HD 141569A gas-rich, debris disk with VLT/SPHERE. <i>Astronomy and Astrophysics</i> , 2016, 590, L7.	2.1	41
29	A tunnel and a traffic jam: How transition disks maintain a detectable warm dust component despite the presence of a large planet-carved gap. <i>Astronomy and Astrophysics</i> , 2016, 585, A35.	2.1	46
30	A wind-driving disc model for the mm-wavelength polarization structure of HL Tau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2716-2724.	1.6	29
31	Multi-Color Model for the Protoplanetary Disks HL Tau and HD142527. <i>Journal of Physics: Conference Series</i> , 2016, 719, 012005.	0.3	0
32	Linking long-term planetary N -body simulations with periodic orbits: application to white dwarf pollution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 4108-4120.	1.6	50
33	GRAIN SIZE CONSTRAINTS ON HL TAU WITH POLARIZATION SIGNATURE. <i>Astrophysical Journal</i> , 2016, 820, 54.	1.6	86
34	The role of disk self-gravity on gap formation of the HL Tau proto-planetary disk. <i>Journal of Physics: Conference Series</i> , 2016, 719, 012007.	0.3	2
35	Searching for Baby Planets in a Star's Dusty Rings. <i>Physics Magazine</i> , 2016, 9, .	0.1	0
36	CANDIDATE WATER VAPOR LINES TO LOCATE THE H_2O SNOWLINE THROUGH HIGH-DISPERSION SPECTROSCOPIC OBSERVATIONS. I. THE CASE OF A T TAURI STAR. <i>Astrophysical Journal</i> , 2016, 827, 113.	1.6	58
37	ALMA OBSERVATIONS OF A GAP AND A RING IN THE PROTOPLANETARY DISK AROUND TW HYA. <i>Astrophysical Journal Letters</i> , 2016, 819, L7.	3.0	105

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38	SINTERING-INDUCED DUST RING FORMATION IN PROTOPLANETARY DISKS: APPLICATION TO THE HL TAU DISK. <i>Astrophysical Journal</i> , 2016, 821, 82.	1.6	275
39	PROMPT PLANETESIMAL FORMATION BEYOND THE SNOW LINE. <i>Astrophysical Journal Letters</i> , 2016, 828, L2.	3.0	53
40	Chemistry in disks. <i>Astronomy and Astrophysics</i> , 2016, 592, A124.	2.1	48
41	Direct detection of scattered light gaps in the transitional disk around HD 97048 with VLT/SPHERE. <i>Astronomy and Astrophysics</i> , 2016, 595, A112.	2.1	96
42	Multiple rings in the transition disk and companion candidates around RX J1615.3-3255. <i>Astronomy and Astrophysics</i> , 2016, 595, A114.	2.1	67
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46	TOWARD A GLOBAL EVOLUTIONARY MODEL OF PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2016, 821, 80.	1.6	188
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48	Formation, Orbital and Internal Evolutions of Young Planetary Systems. <i>Space Science Reviews</i> , 2016, 205, 77-124.	3.7	74
49	Ringed Structures of the HD 163296 Protoplanetary Disk Revealed by ALMA. <i>Physical Review Letters</i> , 2016, 117, 251101.	2.9	269
50	A "Rosetta Stone" for Protoplanetary Disks: The Synergy of Multi-Wavelength Observations. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	1.3	43
51	AN ORIGIN OF MULTIPLE RING STRUCTURE AND HIDDEN PLANETS IN HL TAU: A UNIFIED PICTURE BY SECULAR GRAVITATIONAL INSTABILITY. <i>Astronomical Journal</i> , 2016, 152, 184.	1.9	96
52	PROTOPLANETARY DISKS IN THE HOSTILE ENVIRONMENT OF CARINA. <i>Astrophysical Journal Letters</i> , 2016, 825, L16.	3.0	15
53	Grand Challenges in Protoplanetary Disc Modelling. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	1.3	61
54	Self-organisation in protoplanetary discs. <i>Astronomy and Astrophysics</i> , 2016, 589, A87.	2.1	75
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57	Dust properties across the CO snowline in the HD 163296 disk from ALMA and VLA observations. <i>Astronomy and Astrophysics</i> , 2016, 588, A112.	2.1	45
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59	The next generation very large array. <i>Proceedings of SPIE</i> , 2016, , .	0.8	6
60	Close-in planetesimal formation by pile-up of drifting pebbles. <i>Astronomy and Astrophysics</i> , 2016, 594, A105.	2.1	168
61	The ALMA Protostellar Interferometric Line Survey (PILS). <i>Astronomy and Astrophysics</i> , 2016, 595, A117.	2.1	267
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73	Cometary ices in forming protoplanetary disc midplanes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 977-993.	1.6	73

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80	ROCKY PLANET FORMATION: QUICK AND NEAT. <i>Astrophysical Journal</i> , 2016, 831, 8.	1.6	27
81	STACKING SPECTRA IN PROTOPLANETARY DISKS: DETECTING INTENSITY PROFILES FROM HIDDEN MOLECULAR LINES IN HD 163296. <i>Astrophysical Journal</i> , 2016, 832, 204.	1.6	47
82	A GMRT survey of regions towards the Taurus molecular cloud at 323 and 608 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2904-2917.	1.6	5
83	ZOMBIE VORTEX INSTABILITY. II. THRESHOLDS TO TRIGGER INSTABILITY AND THE PROPERTIES OF ZOMBIE TURBULENCE IN THE DEAD ZONES OF PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2016, 833, 148.	1.6	30
84	A panoptic model for planetesimal formation and pebble delivery. <i>Astronomy and Astrophysics</i> , 2016, 586, A20.	2.1	75
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90	FIRST DETECTION OF GAS-PHASE METHANOL IN A PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2016, 823, L10.	3.0	166
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92	Fundamental stellar parameters for selected T-Tauri stars in the Chamaeleon and Rho Ophiuchus star-forming regions. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1363-1392.	1.6	2
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114	Planetesimal formation near the snowline: in or out?. <i>Astronomy and Astrophysics</i> , 2017, 602, A21.	2.1	155
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116	Collisions between Sintered Icy Aggregates. <i>Astrophysical Journal</i> , 2017, 841, 36.	1.6	21
117	The Demographics of Rocky Free-floating Planets and their Detectability by WFIRST. <i>Astrophysical Journal</i> , 2017, 841, 86.	1.6	59
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285	Host stars. , 0, , 373-428.		0
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