

An old disk still capable of forming a planetary system

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Imaging of the CO Snow Line in a Solar Nebula Analog. <i>Science</i> , 2013, 341, 630-632.	6.0	252
2	Chemistry in Protoplanetary Disks. <i>Chemical Reviews</i> , 2013, 113, 9016-9042.	23.0	188
3	A Quantum Many-Body Spin System in an Optical Lattice Clock. <i>Science</i> , 2013, 341, 632-636.	6.0	152
4	MIXING AND TRANSPORT OF SHORT-LIVED AND STABLE ISOTOPES AND REFRACTORY GRAINS IN PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2013, 773, 5.	1.6	28
5	A SPATIALLY RESOLVED VERTICAL TEMPERATURE GRADIENT IN THE HD 163296 DISK. <i>Astrophysical Journal</i> , 2013, 774, 16.	1.6	157
6	A SIGNIFICANTLY LOW CO ABUNDANCE TOWARD THE TW Hya PROTOPLANETARY DISK: A PATH TO ACTIVE CARBON CHEMISTRY?. <i>Astrophysical Journal Letters</i> , 2013, 776, L38.	3.0	155
7	EVIDENCE FOR A SNOW LINE BEYOND THE TRANSITIONAL RADIUS IN THE TW Hya PROTOPLANETARY DISK. <i>Astrophysical Journal</i> , 2013, 766, 82.	1.6	99
8	MRI-driven angular momentum transport in protoplanetary disks. <i>EAS Publications Series</i> , 2013, 62, 95-142.	0.3	11
9	SOFIA: first science highlights and future science potential. <i>Astronomische Nachrichten</i> , 2013, 334, 558-575.	0.6	4
10	THE 0.5-2.22 μ m SCATTERED LIGHT SPECTRUM OF THE DISK AROUND TW Hya: DETECTION OF A PARTIALLY FILLED DISK GAP AT 80 AU. <i>Astrophysical Journal</i> , 2013, 771, 45.	1.6	112
11	TWO TIMESCALE DISPERSAL OF MAGNETIZED PROTOPLANETARY DISKS. <i>Astrophysical Journal Letters</i> , 2013, 778, L14.	3.0	50
12	DIGIT survey of far-infrared lines from protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2013, 559, A77.	2.1	95
13	A Herschel View of Dust Evolution in Protoplanetary Disks. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 140-144.	0.0	0
14	Gas and dust in the TW Hydrae association as seen by the <i>Herschel</i> Space Observatory. <i>Astronomy and Astrophysics</i> , 2013, 555, A67.	2.1	36
15	Uncertainties in water chemistry in disks: An application to TW Hydrae. <i>Astronomy and Astrophysics</i> , 2013, 559, A24.	2.1	42
16	The TW Hydrae association: trigonometric parallaxes and kinematic analysis. <i>Astronomy and Astrophysics</i> , 2014, 563, A121.	2.1	76
17	Separating gas-giant and ice-giant planets by halting pebble accretion. <i>Astronomy and Astrophysics</i> , 2014, 572, A35.	2.1	306
18	Protoplanetary disk masses from CO isotopologue line emission. <i>Astronomy and Astrophysics</i> , 2014, 572, A96.	2.1	125

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20	A PARAMETRIC MODELING APPROACH TO MEASURING THE GAS MASSES OF CIRCUMSTELLAR DISKS. <i>Astrophysical Journal</i> , 2014, 788, 59.	1.6	214
21	Signatures of warm carbon monoxide in protoplanetary discs observed with Herschel SPIRE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3911-3925.	1.6	19
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23	Probing the presence of planets in transition discs' cavities via warps: the case of TW Hya. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3700-3710.	1.6	18
24	UNBIASED MILLIMETER-WAVE LINE SURVEYS OF TW Hya AND V4046 Sgr: THE ENHANCED C ₂ AND CN ABUNDANCES OF EVOLVED PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2014, 793, 55.	1.6	38
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26	CHEMODYNAMICAL DEUTERIUM FRACTIONATION IN THE EARLY SOLAR NEBULA: THE ORIGIN OF WATER ON EARTH AND IN ASTEROIDS AND COMETS. <i>Astrophysical Journal</i> , 2014, 784, 39.	1.6	86
27	Review of scientific topics for the Millimetron space observatory. <i>Physics-Usppekhi</i> , 2014, 57, 1199-1228.	0.8	105
28	EXCLUSION OF COSMIC RAYS IN PROTOPLANETARY DISKS. II. CHEMICAL GRADIENTS AND OBSERVATIONAL SIGNATURES. <i>Astrophysical Journal</i> , 2014, 794, 123.	1.6	69
29	Exploring the origins of carbon in terrestrial worlds. <i>Faraday Discussions</i> , 2014, 168, 61.	1.6	63
30	Astrochemistry of dust, ice and gas: introduction and overview. <i>Faraday Discussions</i> , 2014, 168, 9-47.	1.6	120
31	<i>HERSCHEL</i> EVIDENCE FOR DISK FLATTENING OR GAS DEPLETION IN TRANSITIONAL DISKS. <i>Astrophysical Journal</i> , 2014, 787, 153.	1.6	26
32	SHORT DISSIPATION TIMES OF PROTO-PLANETARY DISKS: AN ARTIFACT OF SELECTION EFFECTS?. <i>Astrophysical Journal Letters</i> , 2014, 793, L34.	3.0	97
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35	Molecules in the transition disk orbiting T Chamaeleontis. <i>Astronomy and Astrophysics</i> , 2014, 561, A42.	2.1	14
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39	The Chemistry of Nearby Disks. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 143-148.	0.0	0
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47	CONSTRAINING THE X-RAY AND COSMIC-RAY IONIZATION CHEMISTRY OF THE TW Hya PROTOPLANETARY DISK: EVIDENCE FOR A SUB-INTERSTELLAR COSMIC-RAY RATE. <i>Astrophysical Journal</i> , 2015, 799, 204.	1.6	151
48	Condensates from vapor made by impacts between metal-, silicate-rich bodies: Comparison with metal and chondrules in CB chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 236-261.	1.6	38
49	FIRST DETECTION OF [C I] $\langle \sup \rangle 3 \langle /sup \rangle$ P $\langle \sub \rangle 1 \langle /sub \rangle$ $\hat{\epsilon}^{\langle \sup \rangle 3 \langle /sup \rangle}$ P $\langle \sub \rangle 0 \langle /sub \rangle$ EMISSION FROM A PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2015, 802, L7.	3.0	17
50	DISCOVERY OF A DISK GAP CANDIDATE AT 20 AU IN TW HYDRAE. <i>Astrophysical Journal Letters</i> , 2015, 802, L17.	3.0	96
51	THE IMPACT OF DUST EVOLUTION AND PHOTOEVAPORATION ON DISK DISPERSAL. <i>Astrophysical Journal</i> , 2015, 804, 29.	1.6	128
52	THE INNER STRUCTURE OF THE TW Hya DISK AS REVEALED IN SCATTERED LIGHT*. <i>Astrophysical Journal Letters</i> , 2016, 819, L1.	3.0	37
53	Probing the 2D temperature structure of protoplanetary disks with <i>Herschel</i> observations of high- J CO lines. <i>Astronomy and Astrophysics</i> , 2016, 591, A95.	2.1	27
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57	MASS MEASUREMENTS IN PROTOPLANETARY DISKS FROM HYDROGEN DEUTERIDE. <i>Astrophysical Journal</i> , 2016, 831, 167.	1.6	151
58	THE COUPLED PHYSICAL STRUCTURE OF GAS AND DUST IN THE IM Lup PROTOPLANETARY DISK. <i>Astrophysical Journal</i> , 2016, 832, 110.	1.6	130
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115	A Subarcsecond ALMA Molecular Line Imaging Survey of the Circumbinary, Protoplanetary Disk Orbiting V4046 Sgr. <i>Astrophysical Journal</i> , 2018, 863, 106.	1.6	40
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126	Characterizing TW Hydra. <i>Astrophysical Journal</i> , 2018, 853, 120.	1.6	38
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