

# Daniel Apai

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172  
papers

7,625  
citations

53  
h-index

82  
g-index

180  
ext. papers

8,676  
ext. citations

5.6  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
172	An Integrative Analysis of the HD 219134 Planetary System and the Inner solar system: Extending DYNAMITE with Enhanced Orbital Dynamical Stability Criteria. <i>Astronomical Journal</i> , <b>2022</b> , 163, 88	4.9	0
171	The Scorpion Planet Survey: Wide-orbit Giant Planets Around Young A-type Stars. <i>Astronomical Journal</i> , <b>2022</b> , 163, 80	4.9	2
170	HST/WFC3 Complete Phase-resolved Spectroscopy of White-dwarf-brown-dwarf Binaries WD 0137 and EPIC 2122. <i>Astronomical Journal</i> , <b>2022</b> , 163, 17	4.9	1
169	Mapping the Pressure-dependent Day/Night Temperature Contrast of a Strongly Irradiated Atmosphere with HST Spectroscopic Phase Curve. <i>Astronomical Journal</i> , <b>2022</b> , 163, 8	4.9	0
168	Retraction.. <i>Science</i> , <b>2022</b> , 376, 255	33.3	0
167	An Integrated Analysis with Predictions on the Architecture of the $\epsilon$ Ceti Planetary System, Including a Habitable Zone Planet. <i>Astronomical Journal</i> , <b>2021</b> , 161, 17	4.9	4
166	Bioverse: A Simulation Framework to Assess the Statistical Power of Future Biosignature Surveys. <i>Astronomical Journal</i> , <b>2021</b> , 161, 228	4.9	1
165	Weather on Other Worlds. V. The Three Most Rapidly Rotating Ultra-cool Dwarfs. <i>Astronomical Journal</i> , <b>2021</b> , 161, 224	4.9	10
164	Hubble Space Telescope UV and H $\alpha$ Measurements of the Accretion Excess Emission from the Young Giant Planet PDS 70 b. <i>Astronomical Journal</i> , <b>2021</b> , 161, 244	4.9	8
163	ACCESS: An Optical Transmission Spectrum of the High-gravity Hot Jupiter HAT-P-23b. <i>Astronomical Journal</i> , <b>2021</b> , 161, 278	4.9	6
162	The HST large programme on $\epsilon$ Centauri IV. Catalogue of two external fields. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 3549-3561	4.3	2
161	ACCESS and LRG-BEASTS: A Precise New Optical Transmission Spectrum of the Ultrahot Jupiter WASP-103b. <i>Astronomical Journal</i> , <b>2021</b> , 162, 34	4.9	12
160	EDEN: Flare Activity of the Nearby Exoplanet-hosting M Dwarf Wolf 359 Based on K2 and EDEN Light Curves. <i>Astronomical Journal</i> , <b>2021</b> , 162, 11	4.9	1
159	LBT Reveals Large Dust Particles and a High Mass-loss Rate for K2-22 b. <i>Astronomical Journal</i> , <b>2021</b> , 162, 57	4.9	0
158	TESS Observations of the Luhman 16 AB Brown Dwarf System: Rotational Periods, Lightcurve Evolution, and Zonal Circulation. <i>Astrophysical Journal</i> , <b>2021</b> , 906, 64	4.7	11
157	A high-contrast search for variability in HR 8799bc with VLT-SPHERE. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 743-767	4.3	6
156	An Improved Hertzsprung-Russell Diagram for the Orion Trapezium Cluster. <i>Astrophysical Journal</i> , <b>2021</b> , 908, 49	4.7	5

155	Indications for very high metallicity and absence of methane in the eccentric exo-Saturn WASP-117b. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 646, A168	5.1	3
154	Imaging low-mass planets within the habitable zone of $\epsilon$ Centauri. <i>Nature Communications</i> , <b>2021</b> , 12, 922	17.4	7
153	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 653, A97	5.1	5
152	Cloud Atlas: High-precision HST/WFC3/IR Time-resolved Observations of Directly Imaged Exoplanet HD 106906b. <i>Astronomical Journal</i> , <b>2020</b> , 159, 140	4.9	8
151	EDEN: Sensitivity Analysis and Transiting Planet Detection Limits for Nearby Late Red Dwarfs. <i>Astronomical Journal</i> , <b>2020</b> , 159, 169	4.9	7
150	Helios-r2: A New Bayesian, Open-source Retrieval Model for Brown Dwarfs and Exoplanet Atmospheres. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 174	4.7	29
149	Testing Earthlike Atmospheric Evolution on Exo-Earths through Oxygen Absorption: Required Sample Sizes and the Advantage of Age-based Target Selection. <i>Astrophysical Journal</i> , <b>2020</b> , 896, 131	4.7	8
148	Earths in Other Solar Systems—N-body Simulations: The Role of Orbital Damping in Reproducing the Kepler Planetary Systems. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 72	4.7	7
147	Cloud Atlas: Weak Color Modulations Due to Rotation in the Planetary-mass Companion GU Psc b and 11 Other Brown Dwarfs. <i>Astronomical Journal</i> , <b>2020</b> , 159, 125	4.9	13
146	Identifying Exo-Earth Candidates in Direct Imaging Data through Bayesian Classification. <i>Astronomical Journal</i> , <b>2020</b> , 159, 3	4.9	3
145	First Images of the Protoplanetary Disk around PDS 201. <i>Astronomical Journal</i> , <b>2020</b> , 159, 252	4.9	5
144	Spectral Variability of VHS J1256–257b from 1 to 5 $\mu$ m. <i>Astronomical Journal</i> , <b>2020</b> , 160, 77	4.9	15
143	Hidden Worlds: Dynamical Architecture Predictions of Undetected Planets in Multi-planet Systems and Applications to TESS Systems. <i>Astronomical Journal</i> , <b>2020</b> , 160, 107	4.9	9
142	ACCESS: Confirmation of No Potassium in the Atmosphere of WASP-31b. <i>Astronomical Journal</i> , <b>2020</b> , 160, 230	4.9	7
141	Cloud Atlas: Unraveling the Vertical Cloud Structure with the Time-series Spectrophotometry of an Unusually Red Brown Dwarf. <i>Astrophysical Journal</i> , <b>2020</b> , 903, 15	4.7	4
140	Direct Imaging Discovery of a Young Brown Dwarf Companion to an A2V Star. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 902, L6	7.9	6
139	Progress toward optical design and fabrication of ultralight, large aperture transmissive lenses for space telescopes <b>2020</b> ,		1
138	LBT transmission spectroscopy of HAT-P-12b. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A98	5.1	6

137	Rotational spectral modulation of cloudless atmospheres for L/T brown dwarfs and extrasolar giant planets. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 643, A23	5.1	6
136	ACCESS: A Visual to Near-infrared Spectrum of the Hot Jupiter WASP-43b with Evidence of H <sub>2</sub> O, but No Evidence of Na or K. <i>Astronomical Journal</i> , <b>2020</b> , 159, 13	4.9	14
135	Cloud Atlas: High-contrast Time-resolved Observations of Planetary-mass Companions. <i>Astronomical Journal</i> , <b>2019</b> , 157, 128	4.9	16
134	On the Mass Function, Multiplicity, and Origins of Wide-orbit Giant Planets. <i>Astrophysical Journal</i> , <b>2019</b> , 877, 46	4.7	35
133	The Transit Light Source Effect. II. The Impact of Stellar Heterogeneity on Transmission Spectra of Planets Orbiting Broadly Sun-like Stars. <i>Astronomical Journal</i> , <b>2019</b> , 157, 96	4.9	47
132	ACCESS: a featureless optical transmission spectrum for WASP-19b from Magellan/IMACS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 2065-2087	4.3	67
131	Cloud Atlas: Hubble Space Telescope Near-infrared Spectral Library of Brown Dwarfs, Planetary-mass Companions, and Hot Jupiters. <i>Astronomical Journal</i> , <b>2019</b> , 157, 101	4.9	22
130	Cloud Atlas: Rotational Spectral Modulations and Potential Sulfide Clouds in the Planetary-mass, Late T-type Companion Ross 458C. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L15	7.9	18
129	ACCESS: Ground-based Optical Transmission Spectroscopy of the Hot Jupiter WASP-4b. <i>Astronomical Journal</i> , <b>2019</b> , 157, 68	4.9	13
128	The HST Large Programme on NGC 6752 II. Multiple populations at the bottom of the main sequence probed in NIR. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 4046-4053	4.3	13
127	VLT/SPHERE Multiwavelength High-contrast Imaging of the HD 115600 Debris Disk: New Constraints on the Dust Geometry and the Presence of Young Giant Planets. <i>Astronomical Journal</i> , <b>2019</b> , 157, 39	4.9	11
126	Precision Optics Manufacturing and Control for Next-Generation Large Telescopes. <i>Nanomanufacturing and Metrology</i> , <b>2019</b> , 2, 65-90	3.4	16
125	A Thousand Earths: A Very Large Aperture, Ultralight Space Telescope Array for Atmospheric Biosignature Surveys. <i>Astronomical Journal</i> , <b>2019</b> , 158, 83	4.9	15
124	The HST large programme on NGC 6752 III. Detection of the peak of the white dwarf luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 3857-3865	4.3	2
123	Thermal Infrared Imaging of MWC 758 with the Large Binocular Telescope: Planetary-driven Spiral Arms?. <i>Astrophysical Journal</i> , <b>2019</b> , 882, 20	4.7	15
122	Nautilus Observatory: a space telescope array based on very large aperture ultralight diffractive optical elements <b>2019</b> ,		5
121	Cloud Atlas: Variability in and out of the Water Band in the Planetary-mass HD 203030B Points to Cloud Sedimentation in Low-gravity L Dwarfs. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 181	4.7	13
120	3.8 $\mu$ m Imaging of 400 $\pm$ 100 K Brown Dwarfs and Orbital Constraints for WISEP J045853.90+643452.6AB. <i>Astrophysical Journal</i> , <b>2019</b> , 882, 117	4.7	8

119	The Exoplanet Population Observation Simulator. II. Population Synthesis in the Era of Kepler. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 157	4-7	26
118	The HST Large Programme on $\alpha$ Centauri. III. Absolute Proper Motion. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 45	4-7	20
117	The Orbit of the Companion to HD 100453A: Binary-driven Spiral Arms in a Protoplanetary Disk. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 130	4-7	49
116	The Transit Light Source Effect: False Spectral Features and Incorrect Densities for M-dwarf Transiting Planets. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 122	4-7	135
115	The HST Large Programme on $\alpha$ Centauri. II. Internal Kinematics. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 86	4-7	59
114	Cloud Atlas: Discovery of Rotational Spectral Modulations in a Low-mass, L-type Brown Dwarf Companion to a Star. <i>Astronomical Journal</i> , <b>2018</b> , 155, 11	4-9	22
113	Impact of the Arizona NExSS Winter School on Astrobiology Knowledge and Attitudes. <i>Astrobiology</i> , <b>2018</b> , 18, 365-375	3-7	
112	The Exoplanet Population Observation Simulator. I. The Inner Edges of Planetary Systems. <i>Astronomical Journal</i> , <b>2018</b> , 156, 24	4-9	101
111	Retrieval of planetary and stellar properties in transmission spectroscopy with Aura. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 5314-5331	4-3	54
110	An ALMA Survey of Faint Disks in the Chamaeleon I Star-forming Region: Why Are Some Class II Disks so Faint?. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 61	4-7	18
109	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. <i>Astronomical Journal</i> , <b>2018</b> , 156, 286	4-9	32
108	The Near-infrared Transmission Spectra of TRAPPIST-1 Planets b, c, d, e, f, and g and Stellar Contamination in Multi-epoch Transit Spectra. <i>Astronomical Journal</i> , <b>2018</b> , 156, 178	4-9	58
107	Magellan Adaptive Optics Imaging of PDS 70: Measuring the Mass Accretion Rate of a Young Giant Planet within a Gapped Disk. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 863, L8	7-9	72
106	Characterization and Properties of Earth-like Planets. <i>Proceedings of the International Astronomical Union</i> , <b>2018</b> , 14, 194-201	0-1	
105	Cloud Atlas: Rotational Modulations in the L/T Transition Brown Dwarf Companion HN Peg B. <i>Astronomical Journal</i> , <b>2018</b> , 155, 132	4-9	22
104	Shadows and spirals in the protoplanetary disk HD 100453. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A42	5-1	116
103	NGC 1980 Is Not a Foreground Population of Orion: Spectroscopic Survey of Young Stars with Low Extinction in Orion A. <i>Astronomical Journal</i> , <b>2017</b> , 153, 188	4-9	25
102	Weather on Other Worlds. IV. H $\alpha$ Emission and Photometric Variability Are Not Correlated in L0 III 8 Dwarfs. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 83	4-7	16

101	Probabilistic Constraints on the Mass and Composition of Proxima b. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 836, L31	7.9	41
100	A Physical Model-based Correction for Charge Traps in the Hubble Space Telescope's Wide Field Camera 3 Near-IR Detector and Its Applications to Transiting Exoplanets and Brown Dwarfs. <i>Astronomical Journal</i> , <b>2017</b> , 153, 243	4.9	67
99	ALMA Observations of the Young Substellar Binary System 2M1207. <i>Astronomical Journal</i> , <b>2017</b> , 154, 24	4.9	34
98	The HST's large programme on 'Centauri'. Multiple stellar populations at the bottom of the main sequence probed in NIR/Optical. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 800-812	4.3	31
97	Zones, spots, and planetary-scale waves beating in brown dwarf atmospheres. <i>Science</i> , <b>2017</b> , 357, 683-687	9.3	57
96	ACCESS I. AN OPTICAL TRANSMISSION SPECTRUM OF GJ 1214b REVEALS A HETEROGENEOUS STELLAR PHOTOSPHERE. <i>Astrophysical Journal</i> , <b>2017</b> , 834, 151	4.7	96
95	Hubble Space Telescope astrometry of the closest brown dwarf binary system II. Overview and improved orbit?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 1140-1155	4.3	9
94	An ALMA Survey of CO Isotopologue Emission from Protoplanetary Disks in Chamaeleon I. <i>Astrophysical Journal</i> , <b>2017</b> , 844, 99	4.7	78
93	A CANDIDATE PLANETARY-MASS OBJECT WITH A PHOTOEVAPORATING DISK IN ORION. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 833, L16	7.9	7
92	First light of the VLT planet finder SPHERE. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 587, A57	5.1	107
91	EXTRASOLAR STORMS: PRESSURE-DEPENDENT CHANGES IN LIGHT-CURVE PHASE IN BROWN DWARFS FROM SIMULTANEOUS STANSPITZER OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2016</b> , 826, 8	4.7	61
90	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 166	4.7	53
89	HIGH-CADENCE, HIGH-CONTRAST IMAGING FOR EXOPLANET MAPPING: OBSERVATIONS OF THE HR 8799 PLANETS WITH VLT/SPHERE SATELLITE-SPOT-CORRECTED RELATIVE PHOTOMETRY. <i>Astrophysical Journal</i> , <b>2016</b> , 820, 40	4.7	60
88	CLOUD ATLAS : DISCOVERY OF PATCHY CLOUDS AND HIGH-AMPLITUDE ROTATIONAL MODULATIONS IN A YOUNG, EXTREMELY RED L-TYPE BROWN DWARF. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 829, L32	7.9	47
87	PANCHROMATIC IMAGING OF A TRANSITIONAL DISK: THE DISK OF GM AUR IN OPTICAL AND FUV SCATTERED LIGHT. <i>Astrophysical Journal</i> , <b>2016</b> , 829, 65	4.7	27
86	THE YOUNG STELLAR POPULATION OF LYND 1340. AN INFRARED VIEW. <i>Astrophysical Journal Supplement Series</i> , <b>2016</b> , 224, 22	8	3
85	DISCOVERY OF ROTATIONAL MODULATIONS IN THE PLANETARY-MASS COMPANION 2M1207b: INTERMEDIATE ROTATION PERIOD AND HETEROGENEOUS CLOUDS IN A LOW GRAVITY ATMOSPHERE. <i>Astrophysical Journal</i> , <b>2016</b> , 818, 176	4.7	83
84	A STEEPER THAN LINEAR DISK MASS/STELLAR MASS SCALING RELATION. <i>Astrophysical Journal</i> , <b>2016</b> , 831, 125	4.7	256

83	MAPS OF EVOLVING CLOUD STRUCTURES IN LUHMAN 16AB FROM HST TIME-RESOLVED SPECTROSCOPY. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 90	4.7	27
82	Direct imaging discovery of a Jovian exoplanet within a triple-star system. <i>Science</i> , <b>2016</b> , 353, 673-8	33.3	80
81	A SUPER-SOLAR METALLICITY FOR STARS WITH HOT ROCKY EXOPLANETS. <i>Astronomical Journal</i> , <b>2016</b> , 152, 187	4.9	76
80	THE INNER DISK STRUCTURE, DISK-PLANET INTERACTIONS, AND TEMPORAL EVOLUTION IN THE $\beta$ PICTORIS SYSTEM: A TWO-EPOCH HST/STIS CORONAGRAPHIC STUDY. <i>Astrophysical Journal</i> , <b>2015</b> , 800, 136	4.7	38
79	CLOUD STRUCTURE OF THE NEAREST BROWN DWARFS: SPECTROSCOPIC VARIABILITY OF LUHMAN 16AB FROM THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , <b>2015</b> , 798, 127	4.7	51
78	A STELLAR-MASS-DEPENDENT DROP IN PLANET OCCURRENCE RATES. <i>Astrophysical Journal</i> , <b>2015</b> , 798, 112	4.7	165
77	WEATHER ON OTHER WORLDS. II. SURVEY RESULTS: SPOTS ARE UBIQUITOUS ON L AND T DWARFS. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 154	4.7	165
76	HST ROTATIONAL SPECTRAL MAPPING OF TWO L-TYPE BROWN DWARFS: VARIABILITY IN AND OUT OF WATER BANDS INDICATES HIGH-ALTITUDE HAZE LAYERS. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 798, L13	7.9	62
75	VOLATILE DELIVERY TO PLANETS FROM WATER-RICH PLANETESIMALS AROUND LOW-MASS STARS. <i>Astrophysical Journal</i> , <b>2015</b> , 804, 9	4.7	66
74	AEOLUS: A MARKOV CHAIN MONTE CARLO CODE FOR MAPPING ULTRACOOL ATMOSPHERES. AN APPLICATION ON JUPITER AND BROWN DWARF HST LIGHT CURVES. <i>Astrophysical Journal</i> , <b>2015</b> , 814, 65	4.7	31
73	AN INCREASE IN THE MASS OF PLANETARY SYSTEMS AROUND LOWER-MASS STARS. <i>Astrophysical Journal</i> , <b>2015</b> , 814, 130	4.7	154
72	Low-gravity L Dwarfs Are Likely More Variable. <i>Proceedings of the International Astronomical Union</i> , <b>2015</b> , 10, 121-123	0.1	
71	CLOUD STRUCTURE OF THE NEAREST BROWN DWARFS. II. HIGH-AMPLITUDE VARIABILITY FOR LUHMAN 16 A AND B IN AND OUT OF THE 0.99 $\mu$ m FeH FEATURE. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 163	4.7	34
70	DISCOVERY OF A TWO-ARMED SPIRAL STRUCTURE IN THE GAPPED DISK AROUND HERBIG Ae STAR HD 100453. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 813, L2	7.9	90
69	DISCOVERY OF AN EDGE-ON DEBRIS DISK WITH A DUST RING AND AN OUTER DISK WING-TILT ASYMMETRY. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 812, L33	7.9	23
68	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A133	5.1	44
67	Stirring in massive, young debris discs from spatially resolved Herschel images?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 577-597	4.3	45
66	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system (Corrigendum). <i>Astronomy and Astrophysics</i> , <b>2015</b> , 579, C2	5.1	8



65	NEW CANDIDATE ERUPTIVE YOUNG STARS IN LYND'S 1340. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 795, L26	7.9	4
64	High contrast imaging at the LBT: the LEECH exoplanet imaging survey <b>2014</b> ,		11
63	BROWN DWARF PHOTOSPHERES ARE PATCHY: A HUBBLE SPACE TELESCOPE NEAR-INFRARED SPECTROSCOPIC SURVEY FINDS FREQUENT LOW-LEVEL VARIABILITY. <i>Astrophysical Journal</i> , <b>2014</b> , 782, 77	4.7	90
62	A SEARCH FOR COMPANIONS TO BROWN DWARFS IN THE TAURUS AND CHAMAELEON STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , <b>2014</b> , 788, 40	4.7	25
61	DISCOVERY OF H $\alpha$ EMISSION FROM THE CLOSE COMPANION INSIDE THE GAP OF TRANSITIONAL DISK HD 142527. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 781, L30	7.9	103
60	Protoplanetary disks and planet formation around brown dwarfs and very low-mass stars. <i>Astronomische Nachrichten</i> , <b>2013</b> , 334, 57-62	0.7	23
59	PROTOPLANETARY DISK MASSES FROM STARS TO BROWN DWARFS. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 168	4.7	89
58	BENCHMARK TESTS FOR MARKOV CHAIN MONTE CARLO FITTING OF EXOPLANET ECLIPSE OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 767, 64	4.7	24
57	WEATHER ON OTHER WORLDS. I. DETECTION OF PERIODIC VARIABILITY IN THE L3 DWARF DENIS-P J1058.7-1548 WITH PRECISE MULTI-WAVELENGTH PHOTOMETRY. <i>Astrophysical Journal</i> , <b>2013</b> , 767, 173	4.7	49
56	A RESOLVED DEBRIS DISK AROUND THE CANDIDATE PLANET-HOSTING STAR HD 95086. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 775, L51	7.9	37
55	ALMA OBSERVATIONS OF THE MOLECULAR GAS IN THE DEBRIS DISK OF THE 30 Myr OLD STAR HD 21997. <i>Astrophysical Journal</i> , <b>2013</b> , 776, 77	4.7	81
54	HST SPECTRAL MAPPING OF L/T TRANSITION BROWN DWARFS REVEALS CLOUD THICKNESS VARIATIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 768, 121	4.7	157
53	Cathodoluminescence microscopy and spectroscopy of forsterite from Kaba meteorite: An application to the study of hydrothermal alteration of parent body. <i>Meteoritics and Planetary Science</i> , <b>2013</b> , 48, 2577-2596	2.8	13
52	Clouds in brown dwarfs and giant planets. <i>Astronomische Nachrichten</i> , <b>2013</b> , 334, 40-43	0.7	17
51	ALMA CONTINUUM OBSERVATIONS OF A 30 Myr OLD GASEOUS DEBRIS DISK AROUND HD 21997. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 777, L25	7.9	33
50	Visible AO Observations at H $\alpha$ for Accreting Young Planets. <i>Proceedings of the International Astronomical Union</i> , <b>2013</b> , 8, 32-33	0.1	
49	Properties of the young gas giant planet $\mu$ Pictoris b. <i>Proceedings of the International Astronomical Union</i> , <b>2013</b> , 8, 241-246	0.1	
48	LEECH: A 100 Night Exoplanet Imaging Survey at the LBT. <i>Proceedings of the International Astronomical Union</i> , <b>2013</b> , 8, 70-71	0.1	1



47	MAPPING DIRECTLY IMAGED GIANT EXOPLANETS. <i>Astrophysical Journal</i> , <b>2013</b> , 762, 47	4.7	27
46	VERTICAL ATMOSPHERIC STRUCTURE IN A VARIABLE BROWN DWARF: PRESSURE-DEPENDENT PHASE SHIFTS IN SIMULTANEOUS HUBBLE SPACE TELESCOPE - SPITZER LIGHT CURVES. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 760, L31	7.9	101
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