

# Manuel Guedel

## List of Publications by Year in descending order

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363  
papers

15,660  
citations

17440

63  
h-index

23533

111  
g-index

365  
all docs

365  
docs citations

365  
times ranked

8087  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the structure of star-forming regions using INDICATE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2864-2882.	4.4	7
2	Spi-OPS: <i>Spitzer</i> and CHEOPS confirm the near-polar orbit of MASCARA-1 b and reveal a hint of dayside reflection. <i>Astronomy and Astrophysics</i> , 2022, 658, A75.	5.1	25
3	A pair of sub-Neptunes transiting the bright K-dwarf TOI-1064 characterized with <i>CHEOPS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1043-1071.	4.4	30
4	Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4551-4571.	4.4	17
5	CHEOPS observations of the HD 108236 planetary system: a fifth planet, improved ephemerides, and planetary radii. <i>Astronomy and Astrophysics</i> , 2021, 646, A157.	5.1	47
6	Self-organized Criticality in Stellar Flares. <i>Astrophysical Journal</i> , 2021, 910, 41.	4.5	9
7	Gravitoviscous Protoplanetary Disks with a Dust Component. V. The Dynamic Model for Freeze-out and Sublimation of Volatiles. <i>Astrophysical Journal</i> , 2021, 910, 153.	4.5	9
8	Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26.	5.1	94
9	XMM-Newton X-Ray Observations of the Unusual Wolf-Rayet Star WR 66. <i>Research Notes of the AAS</i> , 2021, 5, 125.	0.7	2
10	The active lives of stars: A complete description of the rotation and XUV evolution of F, G, K, and M dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 649, A96.	5.1	92
11	The EBLM project – VIII. First results for M-dwarf mass, radius, and effective temperature measurements using <i>CHEOPS</i> light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 306-322.	4.4	15
12	Exploiting timing capabilities of the CHEOPS mission with warm-Jupiter planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3810-3830.	4.4	18
13	Transit detection of the long-period volatile-rich super-Earth $\frac{1}{2}$ Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021, 5, 775-787.	10.1	51
14	A search for transiting planets around hot subdwarfs. <i>Astronomy and Astrophysics</i> , 2021, 650, A205.	5.1	18
15	Interior heating and outgassing of Proxima Centauri b: Identifying critical parameters. <i>Astronomy and Astrophysics</i> , 2021, 651, A103.	5.1	10
16	The changing face of AU Mic b: stellar spots, spin-orbit commensurability, and transit timing variations as seen by CHEOPS and TESS. <i>Astronomy and Astrophysics</i> , 2021, 654, A159.	5.1	36
17	One Year in the Life of Young Suns: Data-constrained Corona-wind Model of $\hat{\rho} > 1$ Ceti. <i>Astrophysical Journal</i> , 2021, 916, 96.	4.5	15
18	CHEOPS precision phase curve of the Super-Earth 55 Cancri e. <i>Astronomy and Astrophysics</i> , 2021, 653, A173.	5.1	30

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19	The young Sun's XUV-activity as a constraint for lower CO <sub>2</sub> -limits in the Earth's Archean atmosphere. <i>Earth and Planetary Science Letters</i> , 2021, 576, 117197.	4.4	23
20	Chandra X-Ray Observations of V830 Tau: A T Tauri Star Hosting an Evanescent Planet. <i>Astrophysical Journal</i> , 2021, 920, 22.	4.5	1
21	Impact of space weather on climate and habitability of terrestrial-type exoplanets. <i>International Journal of Astrobiology</i> , 2020, 19, 136-194.	1.6	125
22	X-Ray Emission and Disk Irradiation of HL Tau and HD 100546. <i>Astrophysical Journal</i> , 2020, 888, 15.	4.5	7
23	Constraining the early evolution of Venus and Earth through atmospheric Ar, Ne isotope and bulk K/U ratios. <i>Icarus</i> , 2020, 339, 113551.	2.5	47
24	Evolution of the Earth's Polar Outflow From Mid-Archean to Present. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027837.	2.4	10
25	GJ 357 b. <i>Astronomy and Astrophysics</i> , 2020, 641, A113.	5.1	6
26	The Sun Through Time. <i>Space Science Reviews</i> , 2020, 216, 143.	8.1	12
27	A <i>Swift</i> view of X-ray and UV radiation in the planet-forming T Tauri system PDS 70. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 491, L56-L60.	3.3	6
28	The solar wind from a stellar perspective. <i>Astronomy and Astrophysics</i> , 2020, 635, A178.	5.1	23
29	Thermal evolution of protoplanetary disks: from $\hat{T}^2$ -cooling to decoupled gas and dust temperatures. <i>Astronomy and Astrophysics</i> , 2020, 638, A102.	5.1	12
30	Accretion bursts in low-metallicity protostellar disks. <i>Astronomy and Astrophysics</i> , 2020, 641, A72.	5.1	10
31	The instrument control unit of the PLATO payload: design consolidation following the preliminary design review by ESA. , 2020, , .		0
32	Chandra Resolves the Double FU Orionis System RNO 1B/1C in X-Rays. <i>Astronomical Journal</i> , 2020, 159, 221.	4.7	2
33	Feedback of molecular outflows from protostars in NGC 1333 revealed by <i>Herschel</i> and <i>Spitzer</i> spectro-imaging observations. <i>Astronomy and Astrophysics</i> , 2020, 641, A36.	5.1	6
34	Consistent Dust and Gas Models for Protoplanetary Disks. III. Models for Selected Objects from the FP7 DIANA Project*. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 064301.	3.1	58
35	Close-in Sub-Neptunes Reveal the Past Rotation History of Their Host Stars: Atmospheric Evolution of Planets in the HD 3167 and K2-32 Planetary Systems. <i>Astrophysical Journal</i> , 2019, 879, 26.	4.5	33
36	Infrared and sub-mm observations of outbursting young stars with <i>Herschel</i> and <i>Spitzer</i> . <i>Astronomy and Astrophysics</i> , 2019, 631, A30.	5.1	2

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37	Episodic excursions of low-mass protostars on the Hertzsprung-Russell diagram. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 146-160.	4.4	20
38	Chandra Observations of the Massive Star-forming Region Onsala 2. <i>Astrophysical Journal</i> , 2019, 871, 116.	4.5	7
39	Consistent dust and gas models for protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2019, 625, A66.	5.1	20
40	Stellar activity and planetary atmosphere evolution in tight binary star systems. <i>Astronomy and Astrophysics</i> , 2019, 626, A22.	5.1	6
41	Modelling atmospheric escape and Mg II near-ultraviolet absorption of the highly irradiated hot Jupiter WASP-12b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4208-4220.	4.4	17
42	High energy processes in Wolf-Rayet stars. <i>Astronomische Nachrichten</i> , 2019, 340, 50-53.	1.2	1
43	Extreme hydrodynamic losses of Earth-like atmospheres in the habitable zones of very active stars. <i>Astronomy and Astrophysics</i> , 2019, 624, L10.	5.1	55
44	Transit Lyman- $\alpha$ signatures of terrestrial planets in the habitable zones of M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 623, A131.	5.1	18
45	Observational constraints for solar-type Stellar winds. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 313-332.	0.0	0
46	ALMA detects a radial disk wind in DG Tauri (Corrigendum). <i>Astronomy and Astrophysics</i> , 2019, 631, C1.	5.1	1
47	Gravitoviscous protoplanetary disks with a dust component. <i>Astronomy and Astrophysics</i> , 2019, 627, A154.	5.1	22
48	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
49	an integrated payload design for the atmospheric remote-sensing infrared exoplanet large-survey (ARIEL): results from phase A and forward look to phase B1. , 2019, , .		1
50	The chemistry of episodic accretion. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 440-442.	0.0	1
51	Resolving the Inner Arcsecond of the RY Tau Jet with HST. <i>Astrophysical Journal</i> , 2018, 855, 143.	4.5	17
52	Time-scales of stellar rotational variability and starspot diagnostics. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 473, L84-L88.	3.3	8
53	Extreme Space Weather Events: From Cradle to Grave. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	97
54	Water Loss from Young Planets. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	13

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55	Multiepoch, multiwavelength study of accretion onto T Tauri. <i>Astronomy and Astrophysics</i> , 2018, 618, A55.	5.1	8
56	Interaction of infalling solid bodies with primordial atmospheres of disk-embedded planets. <i>Astronomy and Astrophysics</i> , 2018, 618, A19.	5.1	1
57	ALMA detects a radial disk wind in DG Tauri. <i>Astronomy and Astrophysics</i> , 2018, 620, L1.	5.1	15
58	Cosmic Pathways to Life: From Interstellar Molecules to the First Traces of Life. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 1-14.	0.0	0
59	Exoplanet host-star properties: the active environment of exoplanets. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 202-205.	0.0	0
60	Magnetic geometry and activity of cool stars. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 341-342.	0.0	0
61	Stellar activity and winds shaping the atmospheres of Earth-like planets. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 181-184.	0.0	0
62	Direct evidence of a full dipole flip during the magnetic cycle of a sun-like star. <i>Astronomy and Astrophysics</i> , 2018, 620, L11.	5.1	29
63	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
64	Timescales of starspot variability in slow rotators. <i>Astronomy and Astrophysics</i> , 2018, 613, A31.	5.1	2
65	Modeling of Absorption by Heavy Minor Species for the Hot Jupiter HD 209458b. <i>Astrophysical Journal</i> , 2018, 866, 47.	4.5	13
66	Upper atmospheres of terrestrial planets: Carbon dioxide cooling and the Earth's thermospheric evolution. <i>Astronomy and Astrophysics</i> , 2018, 617, A107.	5.1	50
67	Herschel spectral-line mapping of the HH211 protostellar system. <i>Astronomy and Astrophysics</i> , 2018, 616, A84.	5.1	7
68	A Hydrodynamic Modelling of Atmospheric Escape and Absorption Line of WASP-12b. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 301-303.	0.0	0
69	Starspot variability as an X-ray radiation proxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1224-1233.	4.4	4
70	X-ray radiative transfer in protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2018, 609, A91.	5.1	27
71	Knotty protostellar jets as a signature of episodic protostellar accretion?. <i>Astronomy and Astrophysics</i> , 2018, 613, A18.	5.1	25
72	Origin and evolution of the atmospheres of early Venus, Earth and Mars. <i>Astronomy and Astrophysics Review</i> , 2018, 26, 1.	25.5	124

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73	Status of the mid-IR ELT imager and spectrograph (METIS)., 2018, , .		19
74	The ARIEL space mission. , 2018, , .		10
75	Water Loss from Young Planets. Space Sciences Series of ISSI, 2018, , 377-395.	0.0	0
76	The design of the instrument control unit and its role within the data processing system of the ESA PLATO Mission. , 2018, , .		3
77	XMM-Newton X-Ray Observations of LkCa 15: A T Tauri Star with a Formative Planetary System. Astrophysical Journal, 2017, 839, 45.	4.5	27
78	A gas density drop in the inner 6 AU of the transition disk around the Herbig Ae star HD 139614. Astronomy and Astrophysics, 2017, 598, A118.	5.1	22
79	Magma oceans and enhanced volcanism on TRAPPIST-1 planets due to induction heating. Nature Astronomy, 2017, 1, 878-885.	10.1	57
80	Effect of accretion on the pre-main-sequence evolution of low-mass stars and brown dwarfs. Astronomy and Astrophysics, 2017, 605, A77.	5.1	26
81	The chemistry of episodic accretion in embedded objects. Astronomy and Astrophysics, 2017, 604, A15.	5.1	29
82	Escape and evolution of Mars's CO <sub>2</sub> atmosphere: Influence of suprathermal atoms. Journal of Geophysical Research E: Planets, 2017, 122, 1321-1337.	3.6	19
83	Stellar energetic particle ionization in protoplanetary disks around T Tauri stars. Astronomy and Astrophysics, 2017, 603, A96.	5.1	38
84	Observations of a Radio-Quiet Solar Preflare. Solar Physics, 2017, 292, 1.	2.5	6
85	Feedback of atomic jets from embedded protostars in NGC 1333. Astronomy and Astrophysics, 2017, 597, A64.	5.1	19
86	The nature of very low luminosity objects (VeLLOs). Astronomy and Astrophysics, 2017, 600, A36.	5.1	12
87	Formation of freely floating sub-stellar objects via close encounters. Astronomy and Astrophysics, 2017, 608, A107.	5.1	13
88	Radio emission and mass loss rate limits of four young solar-type stars. Astronomy and Astrophysics, 2017, 599, A127.	5.1	43
89	An alternative model for the origin of gaps in circumstellar disks. Astronomy and Astrophysics, 2016, 587, A146.	5.1	5
90	Consistent dust and gas models for protoplanetary disks. Astronomy and Astrophysics, 2016, 586, A103.	5.1	229

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91	Mid-IR spectra of pre-main sequence Herbig stars: An explanation for the non-detections of water lines. <i>Astronomy and Astrophysics</i> , 2016, 585, A61.	5.1	25
92	Formation and Evolution of Protoatmospheres. <i>Space Science Reviews</i> , 2016, 205, 153-211.	8.1	68
93	The science of ARIEL (Atmospheric Remote-sensing Infrared Exoplanet Large-survey). <i>Proceedings of SPIE</i> , 2016, , .	0.8	56
94	CHANDRA AND XMM-NEWTON X-RAY OBSERVATIONS OF THE HYPERACTIVE T TAURI STAR RY TAU. <i>Astrophysical Journal</i> , 2016, 826, 84.	4.5	8
95	Solar XUV and ENA-driven water loss from early Venus' steam atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4718-4732.	2.4	31
96	DEEP MIXING IN STELLAR VARIABILITY: IMPROVED METHOD, STATISTICS, AND APPLICATIONS. <i>Astrophysical Journal</i> , 2016, 826, 35.	4.5	5
97	The Characteristics of Solar X-Class Flares and CMEs: A Paradigm for Stellar Superflares and Eruptions?. <i>Solar Physics</i> , 2016, 291, 1761-1782.	2.5	69
98	An integrated payload design for the Atmospheric Remote-sensing Infrared Exoplanet Large-survey (ARIEL). , 2016, , .		6
99	Athena Wide Field Imager key science drivers. , 2016, , .		5
100	The LOFT mission concept: a status update. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
101	The Gas Disk: Evolution and Chemistry. <i>Space Science Reviews</i> , 2016, 205, 3-40.	8.1	5
102	Status of the mid-infrared E-ELT imager and spectrograph METIS. <i>Proceedings of SPIE</i> , 2016, , .	0.8	25
103	EUV-driven mass-loss of protoplanetary cores with hydrogen-dominated atmospheres: the influences of ionization and orbital distance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1300-1309.	4.4	78
104	Identifying the true radius of the hot sub-Neptune CoRoT-24b by mass-loss modelling. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 461, L62-L66.	3.3	53
105	The $\alpha$ Cen B star as seen by BRITe-Constellation. <i>Astronomy and Astrophysics</i> , 2016, 588, A54.	5.1	11
106	Data reduction software for the Mid-Infrared E-ELT Imager and Spectrograph (METIS) for the European Extremely Large Telescope (E-ELT). <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
107	The Gas Disk: Evolution and Chemistry. <i>Space Sciences Series of ISSI</i> , 2016, , 43-80.	0.0	0
108	Formation and Evolution of Protoatmospheres. <i>Space Sciences Series of ISSI</i> , 2016, , 193-251.	0.0	0

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109	THE EVOLUTION OF STELLAR ROTATION AND THE HYDROGEN ATMOSPHERES OF HABITABLE-ZONE TERRESTRIAL PLANETS. <i>Astrophysical Journal Letters</i> , 2015, 815, L12.	8.3	114
110	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
111	Ionization and heating by X-rays and cosmic rays. <i>EPJ Web of Conferences</i> , 2015, 102, 00015.	0.3	5
112	The coronal temperatures of low-mass main-sequence stars. <i>Astronomy and Astrophysics</i> , 2015, 578, A129.	5.1	65
113	Colliding winds in low-mass binary star systems: wind interactions and implications for habitable planets. <i>Astronomy and Astrophysics</i> , 2015, 577, A122.	5.1	12
114	Impact induced surface heating by planetesimals on early Mars. <i>Astronomy and Astrophysics</i> , 2015, 574, A22.	5.1	19
115	The effect of external environment on the evolution of protostellar disks. <i>Astronomy and Astrophysics</i> , 2015, 573, A5.	5.1	14
116	Stellar winds on the main-sequence. <i>Astronomy and Astrophysics</i> , 2015, 577, A27.	5.1	76
117	The extreme ultraviolet and X-ray Sun in Time: High-energy evolutionary tracks of a solar-like star. <i>Astronomy and Astrophysics</i> , 2015, 577, L3.	5.1	206
118	Signs of deep mixing in starspot variability. <i>Astronomy and Astrophysics</i> , 2015, 576, A67.	5.1	7
119	RADIO ASTROMETRY OF THE CLOSE ACTIVE BINARY HR 5110. <i>Astrophysical Journal</i> , 2015, 811, 33.	4.5	4
120	The Mid-Infrared Instrument for the James Webb Space Telescope, I: Introduction. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 584-594.	3.1	244
121	A CHANDRA OBSERVATION OF THE ECLIPSING WOLF-RAYET BINARY CQ Cep. <i>Astrophysical Journal</i> , 2015, 799, 124.	4.5	7
122	Stellar winds on the main-sequence. <i>Astronomy and Astrophysics</i> , 2015, 577, A28.	5.1	162
123	WIDEBAND DYNAMIC RADIO SPECTRA OF TWO ULTRA-COOL DWARFS. <i>Astrophysical Journal</i> , 2015, 802, 106.	4.5	38
124	The Mid-Infrared Instrument for the James Webb Space Telescope, II: Design and Build. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 595-611.	3.1	113
125	SHORT-PERIOD STELLAR ACTIVITY CYCLES WITH KEPLER PHOTOMETRY. <i>Astrophysical Journal</i> , 2015, 807, 109.	4.5	36
126	Exoplanet Host Star Radiation and Plasma Environment. <i>Astrophysics and Space Science Library</i> , 2015, , 3-18.	2.7	2



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127	Stellar Winds in Time. Astrophysics and Space Science Library, 2015, , 19-35.	2.7	7
128	Sun (and Young Sun). , 2015, , 2419-2435.		0
129	E-ELT/METIS. EAS Publications Series, 2015, 75-76, 405-410.	0.3	0
130	Faint Young Sun Paradox. , 2015, , 837-843.		0
131	[Oâ€‰%] disk emission in the Taurus star-forming region. Astronomy and Astrophysics, 2014, 566, A14.	5.1	12
132	Stellar wind interaction and pick-up ion escape of the Kepler-11 â€œsuper-Earthsâ€: Astronomy and Astrophysics, 2014, 562, A116.	5.1	63
133	Cool, warm and hot outflows from CTTS: The FUV view of DG Tau. EPJ Web of Conferences, 2014, 64, 08007.	0.3	0
134	Atomic jet from SMM1 (FIRS1) in Serpens uncovers protobinary companion. Astronomy and Astrophysics, 2014, 563, A28.	5.1	15
135	<i>CHANDRA</i>RESOLVES THE T TAURI BINARY SYSTEM RW AUR. Astrophysical Journal, 2014, 788, 101.	4.5	13
136	The PLATO 2.0 mission. Experimental Astronomy, 2014, 38, 249-330.	3.7	912
137	Origin and loss of nebula-captured hydrogen envelopes from â€™- to â€™super-Earthsâ€™ in the habitable zone of Sun-like stars. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3225-3238.	4.4	126
138	EChO fine guidance sensor design and architecture. , 2014, , .		0
139	Origin and Stability of Exomoon Atmospheres: Implications for Habitability. Origins of Life and Evolution of Biospheres, 2014, 44, 239-260.	1.9	21
140	AN X-RAY AND INFRARED SURVEY OF THE LYNDS 1228 CLOUD CORE. Astronomical Journal, 2014, 147, 88.	4.7	1
141	FIRST DETECTION OF THERMAL RADIO EMISSION FROM SOLAR-TYPE STARS WITH THE KARL G. JANSKY VERY LARGE ARRAY. Astrophysical Journal, 2014, 788, 112.	4.5	33
142	Escape of the martian protoatmosphere and initial water inventory. Planetary and Space Science, 2014, 98, 106-119.	1.7	83
143	The magnetosphere of the close accreting PMS binary V4046 Sgr. EPJ Web of Conferences, 2014, 64, 08009.	0.3	2
144	BRITE-Constellation: Nanosatellites for Precision Photometry of Bright Stars. Publications of the Astronomical Society of the Pacific, 2014, 126, 573-585.	3.1	145

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145	METIS: the mid-infrared E-ELT imager and spectrograph. Proceedings of SPIE, 2014, , .	0.8	27
146	Stellar magnetic activity and their influence on the habitability of exoplanets. Proceedings of the International Astronomical Union, 2014, 10, 333-339.	0.0	1
147	DN Tauri "coronal activity and accretion in a young low-mass CTTS. Astronomy and Astrophysics, 2014, 561, A124.	5.1	6
148	X-ray emission from an FU Orionis star in early outburst: HBC 722. Astronomy and Astrophysics, 2014, 570, L11.	5.1	11
149	Jets and Outflows from Star to Cloud: Observations Confront Theory. , 2014, , .		46
150	Astrophysical Conditions for Planetary Habitability. , 2014, , .		9
151	Sun (and Young Sun). , 2014, , 1-18.		0
152	XUV-Exposed, Non-Hydrostatic Hydrogen-Rich Upper Atmospheres of Terrestrial Planets. Part I: Atmospheric Expansion and Thermal Escape. Astrobiology, 2013, 13, 1011-1029.	3.0	107
153	The Science of Exoplanets and Their Systems. Astrobiology, 2013, 13, 793-813.	3.0	10
154	Stability of Earth-Like N2 Atmospheres: Implications for Habitability. Thirty Years of Astronomical Discovery With UKIRT, 2013, , 33-52.	0.3	7
155	VERY LARGE ARRAY OBSERVATIONS OF DG TAU'S RADIO JET: A HIGHLY COLLIMATED THERMAL OUTFLOW. Astrophysical Journal, 2013, 766, 53.	4.5	13
156	AN ANALYSIS OF THE ENVIRONMENTS OF FU ORIONIS OBJECTS WITH <i>HERSCHEL</i> . Astrophysical Journal, 2013, 772, 117.	4.5	32
157	CHARACTERIZING EXOPLANETS IN THE VISIBLE AND INFRARED: A SPECTROMETER CONCEPT FOR THE ECHO SPACE MISSION. Journal of Astronomical Instrumentation, 2013, 02, .	1.5	3
158	XUV-Exposed, Non-Hydrostatic Hydrogen-Rich Upper Atmospheres of Terrestrial Planets. Part II: Hydrogen Coronae and Ion Escape. Astrobiology, 2013, 13, 1030-1048.	3.0	53
159	THE <i>HERSCHEL</i> DIGIT SURVEY OF WEAK-LINE T TAURI STARS: IMPLICATIONS FOR DISK EVOLUTION AND DISSIPATION. Astrophysical Journal, 2013, 762, 100.	4.5	47
160	DISCOVERY OF X-RAY EMISSION FROM YOUNG SUNS IN THE SMALL MAGELLANIC CLOUD. Astrophysical Journal, 2013, 765, 73.	4.5	14
161	DIGIT survey of far-infrared lines from protoplanetary disks. Astronomy and Astrophysics, 2013, 559, A77.	5.1	95
162	Stellar CME activity and its possible influence on exoplanets' environments: Importance of magnetospheric protection. Proceedings of the International Astronomical Union, 2013, 8, 335-346.	0.0	5

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163	<i>BRITE-Constellation</i>: Nanosatellites for precision photometry of bright stars. Proceedings of the International Astronomical Union, 2013, 9, 67-68.	0.0	4
164	V4046 Sgr: X-rays from accretion shock. Proceedings of the International Astronomical Union, 2013, 9, 46-47.	0.0	0
165	Constraining Stellar Winds of Young Sun-like Stars. Proceedings of the International Astronomical Union, 2013, 9, 243-244.	0.0	0
166	The magnetosphere of the close accreting PMS binary V4046 Sgr AB. Proceedings of the International Astronomical Union, 2013, 9, 44-45.	0.0	1
167	X-RAY IRRADIATION OF THE LkCa 15 PROTOPLANETARY DISK. Astrophysical Journal, 2013, 765, 3.	4.5	19
168	HST far-ultraviolet imaging of DG Tauri. Astronomy and Astrophysics, 2013, 557, A110.	5.1	16
169	HST FUV Câ€™iv observations of the hot DG Tauri jet. Astronomy and Astrophysics, 2013, 550, L1.	5.1	22
170	Evolution of Stellar Magnetic Fields. Proceedings of the International Astronomical Union, 2012, 10, 90-91.	0.0	0
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