

M W Mengel

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,542
citations

361413

20
h-index

315739

38
g-index

46
all docs

46
docs citations

46
times ranked

1491
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamo processes and activity cycles of the active stars AB Doradus, LQ Hydrae and HR 1099. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1145-1186.	4.4	247
2	A planet within the debris disk around the pre-main-sequence star AU Microscopii. Nature, 2020, 582, 497-500.	27.8	145
3	Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6-4423. Monthly Notices of the Royal Astronomical Society, 2000, 316, 699-715.	4.4	123
4	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanae "Horologium Association. Astrophysical Journal Letters, 2019, 880, L17.	8.3	110
5	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. Astrophysical Journal Letters, 2019, 881, L19.	8.3	80
6	The evolving magnetic topology of ι , Boötis. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4325-4342.	4.4	76
7	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 115003.	3.1	65
8	Estimating Magnetic Filling Factors from Zeeman "Doppler Magnetograms. Astrophysical Journal, 2019, 876, 118.	4.5	59
9	Temporal variability of the wind from the star ι , Boötis. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1907-1915.	4.4	55
10	THE PAN-PACIFIC PLANET SEARCH. IV. TWO SUPER-JUPITERS IN A 3:5 RESONANCE ORBITING THE GIANT STAR HD 33844. Astrophysical Journal, 2016, 818, 35.	4.5	48
11	Do Non-dipolar Magnetic Fields Contribute to Spin-down Torques?. Astrophysical Journal, 2019, 886, 120.	4.5	45
12	The Anglo-Australian Planet Search. XXV. A Candidate Massive Saturn Analog Orbiting HD 30177. Astronomical Journal, 2017, 153, 167.	4.7	42
13	The relation between stellar magnetic field geometry and chromospheric activity cycles " II The rapid 120-day magnetic cycle of ι , Bootis. Monthly Notices of the Royal Astronomical Society, 2018, 479, 5266-5271.	4.4	38
14	A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. Astronomy and Astrophysics, 2019, 623, A100.	5.1	36
15	A BCool survey of the magnetic fields of planet-hosting solar-type stars. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2734-2747.	4.4	35
16	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3704-3722.	4.4	33
17	TOI-677b: A Warm Jupiter (P = 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. Astronomical Journal, 2020, 159, 145.	4.7	32
18	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. Astronomical Journal, 2020, 160, 111.	4.7	26

#	ARTICLE	IF	CITATIONS
19	TOI-481 b and TOI-892 b: Two Long-period Hot Jupiters from the Transiting Exoplanet Survey Satellite. <i>Astronomical Journal</i> , 2020, 160, 235.	4.7	23
20	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	4.7	22
21	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.	4.7	20
22	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2782-2803.	4.4	19
23	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. <i>Astronomical Journal</i> , 2021, 162, 137.	4.7	19
24	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.	8.3	16
25	Magnetic field and chromospheric activity evolution of HD 75332: a rapid magnetic cycle in an F star without a hot Jupiter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3981-4003.	4.4	13
26	Linking chromospheric activity and magnetic field properties for late-type dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4300-4319.	4.4	11
27	A Mini-Neptune from TESS and CHEOPS Around the 120 Myr Old AB Dor Member HIP 94235. <i>Astronomical Journal</i> , 2022, 163, 289.	4.7	11
28	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. <i>Astronomical Journal</i> , 2019, 158, 100.	4.7	10
29	High-Resolution Spectroscopy of some Active Southern Stars. <i>Publications of the Astronomical Society of Australia</i> , 2005, 22, 29-35.	3.4	9
30	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021, 161, 82.	4.7	8
31	The surface magnetic activity of the weak-line T Tauri stars TWA 9A and V1095 Sco. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1754-1766.	4.4	7
32	Re-analyzing the Dynamical Stability of the HD 47366 Planetary System. <i>Astronomical Journal</i> , 2019, 157, 1.	4.7	7
33	A Magnetic Snapshot Survey of F-Type Stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	7
34	Planets around young active solar-type stars: assessing detection capabilities from a non-stabilized spectrograph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4989-5011.	4.4	6
35	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. <i>Astronomical Journal</i> , 2022, 163, 82.	4.7	6
36	A Radio and Optical Study of the Active Young F Star HR 1817 (=HD 35850). <i>Publications of the Astronomical Society of Australia</i> , 2002, 19, 527-533.	3.4	5

#	ARTICLE	IF	CITATIONS
37	The impact of unresolved magnetic spots on high-precision radial velocity measurements. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4009-4021.	4.4	5
38	A Multiwavelength Study of CC Eridani. Publications of the Astronomical Society of Australia, 2004, 21, 72-81.	3.4	4
39	Evolution of brightness and magnetic features of young solar-type stars â€œ I. The young G star HIPâ89829. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3304-3320.	4.4	4
40	The magnetic fields and stellar winds of the mature late F-stars: Î² Virginis and Î³ Draconis. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5117-5141.	4.4	4
41	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. Astronomical Journal, 2022, 163, 273.	4.7	4
42	Stability analysis of three exoplanet systems. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2280-2288.	4.4	3
43	HD 183579b: a warm sub-Neptune transiting a solar twin detected by <i>TESS</i>. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2220-2240.	4.4	3
44	Do young Suns undergo magnetic reversals?. Proceedings of the International Astronomical Union, 2009, 5, 130-135.	0.0	0
45	A young solar twin in the Rosette cluster NGC 2244 line of sight. Monthly Notices of the Royal Astronomical Society, 2018, 476, 323-335.	4.4	0