

# M W Mengel

## List of Publications by Year in descending order

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45  
papers

1,542  
citations

361413

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citing authors

#	ARTICLE	IF	CITATIONS
1	TOI-1842b: A Transiting Warm Saturn Undergoing Reinflation around an Evolving Subgiant. <i>Astronomical Journal</i> , 2022, 163, 82.	4.7	6
2	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
3	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. <i>Astronomical Journal</i> , 2022, 163, 273.	4.7	4
4	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
5	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
6	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.	4.7	20
7	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
8	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
9	HD 183579b: a warm sub-Neptune transiting a solar twin detected by <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2220-2240.	4.4	3
10	The Youngest Planet to Have a Spin-Orbit Alignment Measurement AU Mic b. <i>Astronomical Journal</i> , 2021, 162, 137.	4.7	19
11	Evolution of brightness and magnetic features of young solar-type stars â€œ I. The young G star HIPâ€89829. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3304-3320.	4.4	4
12	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
13	Magnetic field and chromospheric activity evolution of HDâ€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
14	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3704-3722.	4.4	33
15	TOI-3362b: A Proto Hot Jupiter Undergoing High-eccentricity Tidal Migration. <i>Astrophysical Journal Letters</i> , 2021, 920, L16.	8.3	16
16	The magnetic fields and stellar winds of the mature late F-stars: Î² Virginis and Î³ Draconis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5117-5141.	4.4	4
17	The impact of unresolved magnetic spots on high-precision radial velocity measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4009-4021.	4.4	5
18	Stability analysis of three exoplanet systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2280-2288.	4.4	3

#	ARTICLE	IF	CITATIONS
19	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
20	TOI-677b: A Warm Jupiter (P = 11.2 days) on an Eccentric Orbit Transiting a Late F-type Star. <i>Astronomical Journal</i> , 2020, 159, 145.	4.7	32
21	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. <i>Astronomical Journal</i> , 2020, 160, 111.	4.7	26
22	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
23	The HD 181433 Planetary System: Dynamics and a New Orbital Solution. <i>Astronomical Journal</i> , 2019, 158, 100.	4.7	10
24	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , 2019, 881, L19.	8.3	80
25	TESS Hunt for Young and Maturing Exoplanets (THYME): A Planet in the 45 Myr Tucanaâ€“Horologium Association. <i>Astrophysical Journal Letters</i> , 2019, 880, L17.	8.3	110
26	Minerva-Australis. I. Design, Commissioning, and First Photometric Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 115003.	3.1	65
27	Estimating Magnetic Filling Factors from Zeemanâ€“Doppler Magnetograms. <i>Astrophysical Journal</i> , 2019, 876, 118.	4.5	59
28	A Jovian planet in an eccentric 11.5 day orbit around HD 1397 discovered by TESS. <i>Astronomy and Astrophysics</i> , 2019, 623, A100.	5.1	36
29	Do Non-dipolar Magnetic Fields Contribute to Spin-down Torques?. <i>Astrophysical Journal</i> , 2019, 886, 120.	4.5	45
30	Re-analyzing the Dynamical Stability of the HD 47366 Planetary System. <i>Astronomical Journal</i> , 2019, 157, 1.	4.7	7
31	The relation between stellar magnetic field geometry and chromospheric activity cycles â€“ II The rapid 120-day magnetic cycle of $\delta$ , Bootis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5266-5271.	4.4	38
32	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
33	A young solar twin in the Rosette cluster NGC 2244 line of sight. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 323-335.	4.4	0
34	The Anglo-Australian Planet Search. XXV. A Candidate Massive Saturn Analog Orbiting HD 30177. <i>Astronomical Journal</i> , 2017, 153, 167.	4.7	42
35	A BCool survey of the magnetic fields of planet-hosting solar-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2734-2747.	4.4	35
36	The evolving magnetic topology of $\delta$ , BoÃ“tis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 4325-4342.	4.4	76

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37	Temporal variability of the wind from the star $\beta$ , Bo $\alpha$ rtis. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1907-1915.	4.4	55
38	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
39	Do young Suns undergo magnetic reversals?. Proceedings of the International Astronomical Union, 2009, 5, 130-135.	0.0	0
40	High-Resolution Spectroscopy of some Active Southern Stars. Publications of the Astronomical Society of Australia, 2005, 22, 29-35.	3.4	9
41	A Multiwavelength Study of CC Eridani. Publications of the Astronomical Society of Australia, 2004, 21, 72-81.	3.4	4
42	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
43	A Radio and Optical Study of the Active Young F Star HR 1817 (=HD 35850). Publications of the Astronomical Society of Australia, 2002, 19, 527-533.	3.4	5
44	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
45	A Magnetic Snapshot Survey of F-Type Stars. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	7