Rim Fares

List of Publications by Year
in descending order

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64 papers	4,040 citations	172457 29 h-index	175258 52 g-index
65 all docs	65 docs citations	65 times ranked	1938 citing authors

#	Article	IF	Citations
1	MOVES â€“ V. Modelling starâ€“planet magnetic interactions of HD 189733. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4556-4572.	4.4	4
2	MOVES â€“ IV. Modelling the influence of stellar XUV-flux, cosmic rays, and stellar energetic particles on the atmospheric composition of the hot Jupiter HDÂ189733b. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6201-6215.	4.4	23
3	Field linkage and magnetic helicity density. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4903-4910.	4.4	3
4	MOVES III. Simultaneous X-ray and ultraviolet observations unveiling the variable environment of the hot Jupiter HDâ€‰189733b. Monthly Notices of the Royal Astronomical Society, 2020, 493, 559-579.	4.4	20
5	Measuring stellar magnetic helicity density. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1003-1012.	4.4	8
6	MOVES â€“ II. Tuning in to the radio environment of HD189733b. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4529-4538.	4.4	26
7	Estimating Magnetic Filling Factors from Zeemanâ€“Doppler Magnetograms. Astrophysical Journal, 2019, 876, 118.	4.5	59
8	Tuning in to the radio environment of HD189733b. Proceedings of the International Astronomical Union, 2019, 15, 305-309.	0.0	0
9	Do Non-dipolar Magnetic Fields Contribute to Spin-down Torques?. Astrophysical Journal, 2019, 886, 120.	4.5	45
10	Magnetic Fields in Planet-Hosting Stars. , 2018, , 1755-1773.		3
11	Eyes on K2-3: A system of three likely sub-Neptunes characterized with HARPS-N and HARPS. Astronomy and Astrophysics, 2018, 615, A69.	5.1	29
12	The open flux evolution of a solar-mass star on the main sequence. Monthly Notices of the Royal Astronomical Society, 2018, 474, 536-546.	4.4	25
13	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
14	Surface magnetism of cool stars. Astronomische Nachrichten, 2017, 338, 428-441.	1.2	20
15	Studying stellar spin-down with Zeemanâ€“Doppler magnetograms. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1542-1554.	4.4	46
16	Magnetic Fields in Planet-Hosting Stars. , 2017, , 1-19.		0
17	MOVES â€“ I. The evolving magnetic field of the planet-hosting star HD189733. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1246-1257.	4.4	54
18	A spectro-polarimetric study of the planet-hosting G dwarf, HD 147513. Astronomy and Astrophysics, 2016, 585, A77.	5.1	25

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19	The connection between stellar activity cycles and magnetic field topology. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4442-4450.	4.4	67
20	The evolving magnetic topology of Ï„ BoÃ¶tis. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4325-4342.	4.4	76
21	Temporal variability of the wind from the star Ï„ BoÃ¶tis. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1907-1915.	4.4	55
22	The Sun as a planet-host star: proxies fromSDOimages for HARPS radial-velocity variations. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3637-3651.	4.4	147
23	Magnetic activity and hot Jupiters of young Suns: the weak-line T Tauri stars V819 Tau and V830 Tau. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3707-3720.	4.4	46
24	The particle and magnetic environments surrounding close-in exoplanets. Proceedings of the International Astronomical Union, 2015, 11, 397-402.	0.0	0
25	Time-scales of close-in exoplanet radio emission variability. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4323-4332.	4.4	47
26	Sun-like Stars: magnetic fields, cycles and exoplanets. Proceedings of the International Astronomical Union, 2015, 11, 360-364.	0.0	0
27	The energy budget of stellar magnetic fields. Monthly Notices of the Royal Astronomical Society, 2015, 453, 4302-4311.	4.4	68
28	On the environment surrounding close-in exoplanets. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4117-4130.	4.4	112
29	Activity and magnetic field structure of the Sun-like planet-hosting star HD 1237. Astronomy and Astrophysics, 2015, 582, A38.	5.1	31
30	Modelling the hidden magnetic field of low-mass stars. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2122-2131.	4.4	37
31	Planets and stellar activity: hide and seek in the CoRoT-7 systemâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2517-2531.	4.4	367
32	Stellar magnetism: empirical trends with age and rotation. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2361-2374.	4.4	311
33	A BCool magnetic snapshot survey of solar-type stars. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3517-3536.	4.4	148
34	Disentangling planetary orbits from stellar activity in radial-velocity surveys. International Journal of Astrobiology, 2014, 13, 155-157.	1.6	30
35	Modelling the magnetic activity and filtering radial velocity curves of young Suns : the weak-line T Tauri star LkCa 4. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3220-3229.	4.4	58
36	Exoplanet transit variability: bow shocks and winds around HD 189733b. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2179-2187.	4.4	67

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37	A small survey of the magnetic fields of planet-host starsâ˜.... Monthly Notices of the Royal Astronomical Society, 2013, 435, 1451-1462.	4.4	101
38	Influence of surface stressing on stellar coronae and winds. Monthly Notices of the Royal Astronomical Society, 2013, 431, 528-538.	4.4	40
39	Planets and Stellar Activity: Hide and Seek in the CoRoT-7 system. Proceedings of the International Astronomical Union, 2013, 8, 237-240.	0.0	0
40	The Shocking Variability Of Exoplanet Transits. Proceedings of the International Astronomical Union, 2013, 8, 262-265.	0.0	0
41	Magnetic fields of Sun-like stars. Proceedings of the International Astronomical Union, 2013, 9, 180-189.	0.0	4
42	Bow shocks and winds around HD 189733b. Proceedings of the International Astronomical Union, 2013, 9, 245-246.	0.0	0
43	A coordinated optical and X-ray spectroscopic campaign on HDâ€‰179949: searching for planet-induced chromospheric and coronal activity. Astronomy and Astrophysics, 2013, 552, A7.	5.1	33
44	A Viscous Fluid Flow through a Thin Channel with Mixed Rigid-Elastic Boundary: Variational and Asymptotic Analysis. Abstract and Applied Analysis, 2012, 2012, 1-47.	0.7	1
45	Asymptotic expansion of the solution of the steady Stokes equation with variable viscosity in a two-dimensional tube structure. Journal of Mathematical Physics, 2012, 53, .	1.1	6
46	Long-term magnetic field stability of Vega. AIP Conference Proceedings, 2012, , .	0.4	4
47	Long-term magnetic field monitoring of the Sun-like starÎ¾Bootis A. Astronomy and Astrophysics, 2012, 540, A138.	5.1	64
48	Using Kepler transit observations to measure stellar spot belt migration rates. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 422, L72-L76.	3.3	20
49	Magnetic field, differential rotation and activity of the hot-Jupiter-hosting star HD 179949. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1006-1017.	4.4	89
50	The stellar wind cycles and planetary radio emission of the Ï„ Boo system. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3285-3298.	4.4	112
51	Tidal instability in exoplanetary systems evolution. EPJ Web of Conferences, 2011, 11, 03003.	0.3	9
52	Tidal instability in exoplanetary systems evolution. EPJ Web of Conferences, 2011, 11, 03003.	0.3	2
53	Exploring the magnetic topologies of cool stars. Proceedings of the International Astronomical Union, 2010, 6, 181-187.	0.0	1
54	Magnetospheric accretion and spin-down of the prototypical classical T Tauri star AA Tau. Monthly Notices of the Royal Astronomical Society, 2010, 409, 1347-1361.	4.4	111

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55	Searching for star-planet interactions within the magnetosphere of HDâ€ƒ189733. Monthly Notices of the Royal Astronomical Society, 2010, 406, 409-419.	4.4	168
56	Large-scale magnetic topologies of cool stars. , 2009, , .		3
57	Star-Planet Interactions. , 2009, , .		7
58	Spectropolarimetry of Hot Jupiter systems. , 2009, , .		0
59	Magnetic cycles of the planet-hosting star Ï„ Bootis - II. A second magnetic polarity reversal. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1383-1391.	4.4	173
60	Magnetic cycles of the planet-hosting star Ï„ Bootis. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1179-1185.	4.4	182
61	Toroidal versus poloidal magnetic fields in Sun-like stars: a rotation threshold. Monthly Notices of the Royal Astronomical Society, 2008, 388, 80-88.	4.4	225
62	Large-scale magnetic topologies of early M dwarfs^{â˜…}. Monthly Notices of the Royal Astronomical Society, 2008, 390, 545-560.	4.4	242
63	Large-scale magnetic topologies of mid M dwarfs^{â˜…}. Monthly Notices of the Royal Astronomical Society, 2008, 390, 567-581.	4.4	351
64	Magnetic geometries of Sun-like stars: exploring the mass-rotation plane. Proceedings of the International Astronomical Union, 2008, 4, 441-442.	0.0	0