

Jean-François Donati

List of Publications by Year in descending order

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211
papers

10,785
citations

25034

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43889

91
g-index

212
all docs

212
docs citations

212
times ranked

3401
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Fields of Nondegenerate Stars. Annual Review of Astronomy and Astrophysics, 2009, 47, 333-370.	24.3	534
2	Large-scale magnetic topologies of late M dwarfs~.... Monthly Notices of the Royal Astronomical Society, 0, 407, 2269-2286.	4.4	368
3	Large-scale magnetic topologies of mid M dwarfs^{~...}. Monthly Notices of the Royal Astronomical Society, 2008, 390, 567-581.	4.4	351
4	Large-scale magnetic topologies of early M dwarfs^{~...}. Monthly Notices of the Royal Astronomical Society, 2008, 390, 545-560.	4.4	242
5	The magnetic field and wind confinement of τ 1 Orionis C. Monthly Notices of the Royal Astronomical Society, 2002, 333, 55-70.	4.4	225
6	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
7	The Large-Scale Axisymmetric Magnetic Topology of a Very-Low-Mass Fully Convective Star. Science, 2006, 311, 633-635.	12.6	201
8	High-precision magnetic field measurements of Ap and Bp stars. Monthly Notices of the Royal Astronomical Society, 2000, 313, 851-867.	4.4	187
9	Magnetic cycles of the planet-hosting star ι , Bootis. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1179-1185.	4.4	182
10	The MiMeS survey of magnetism in massive stars: introduction and overview. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2-22.	4.4	174
11	Magnetospheric accretion on the T Tauri star BP Tauri. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1234-1251.	4.4	173
12	Magnetic cycles of the planet-hosting star ι , Bootis - II. A second magnetic polarity reversal. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1383-1391.	4.4	173
13	Searching for star-planet interactions within the magnetosphere of HD ϵ 189733. Monthly Notices of the Royal Astronomical Society, 2010, 406, 409-419.	4.4	168
14	Magnetic fields and accretion flows on the classical T Tauri star V2129 Oph*. Monthly Notices of the Royal Astronomical Society, 2007, 380, 1297-1312.	4.4	167
15	A BCool magnetic snapshot survey of solar-type stars. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3517-3536.	4.4	148
16	CAN WE PREDICT THE GLOBAL MAGNETIC TOPOLOGY OF A PRE-MAIN-SEQUENCE STAR FROM ITS POSITION IN THE HERTZSPRUNGâ€“RUSSELL DIAGRAM?. Astrophysical Journal, 2012, 755, 97.	4.5	145
17	The stable magnetic field of the fully convective star V374 Peg. Monthly Notices of the Royal Astronomical Society, 2008, 384, 77-86.	4.4	136
18	The evolution of surface magnetic fields in young solar-type stars â€“ I. The first 250ÂMyr. Monthly Notices of the Royal Astronomical Society, 2016, 457, 580-607.	4.4	133

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19	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
20	The global magnetic topology of AB Doradus. Monthly Notices of the Royal Astronomical Society, 2002, 333, 339-346.	4.4	119
21	Differential rotation of cool active stars: the case of intermediate rotators. Monthly Notices of the Royal Astronomical Society, 2002, 334, 374-382.	4.4	119
22	Direct detection of a magnetic field in the innermost regions of an accretion disk. Nature, 2005, 438, 466-469.	27.8	116
23	Spectropolarimetric measurements of magnetic Ap and Bp stars in all four Stokes parameters. Monthly Notices of the Royal Astronomical Society, 2000, 313, 823-850.	4.4	115
24	The magnetic field of the planet-hosting star \hat{A} Bootis. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 374, L42-L46.	3.3	115
25	The magnetic field and wind confinement of $\hat{1}^2$ Cephei: new clues for interpreting the Be phenomenon?. Monthly Notices of the Royal Astronomical Society, 2001, 326, 1265-1278.	4.4	114
26	Effects of M dwarf magnetic fields on potentially habitable planets. Astronomy and Astrophysics, 2013, 557, A67.	5.1	114
27	The stellar wind cycles and planetary radio emission of the \hat{I} , Boo system. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3285-3298.	4.4	112
28	On the environment surrounding close-in exoplanets. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4117-4130.	4.4	112
29	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
30	A small survey of the magnetic fields of planet-host stars... Monthly Notices of the Royal Astronomical Society, 2013, 435, 1451-1462.	4.4	101
31	Characterization of the magnetic field of the Herbig Be star HD \hat{e} 200775... Monthly Notices of the Royal Astronomical Society, 0, 385, 391-403.	4.4	100
32	Non-stationary dynamo and magnetospheric accretion processes of the classical T \hat{e} Tauri star V2129 \hat{e} Oph. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2454-2468.	4.4	95
33	Doppler images from dual-site observations of southern rapidly rotating stars – I. Differential rotation on PZ Tel. Monthly Notices of the Royal Astronomical Society, 2000, 314, 162-174.	4.4	92
34	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
35	Spectropolarimetric observations of the transiting planetary system of the K dwarf HD \hat{A} 189733. Astronomy and Astrophysics, 2007, 473, 651-660.	5.1	87
36	The evolution of surface magnetic fields in young solar-type stars II: the early main sequence (250 \hat{e} 650 \hat{e} Myr)... Monthly Notices of the Royal Astronomical Society, 2018, 474, 4956-4987.	4.4	86

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37	Surface magnetic fields on two accreting Tâ€fTauri stars: CVâ€fCha and CRâ€fCha. Monthly Notices of the Royal Astronomical Society, 2009, 398, 189-200.	4.4	85
38	The large-scale magnetic field and poleward mass accretion of the classical T Tauri star TW Hya. Monthly Notices of the Royal Astronomical Society, 2011, 417, 472-487.	4.4	85
39	Classical T Tauri stars: magnetic fields, coronae and starâ€“disc interactions. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3202-3220.	4.4	85
40	SPIRou: NIR velocimetryÂand spectropolarimetry at the CFHT. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5684-5703.	4.4	84
41	Surface differential rotation and photospheric magnetic field of the young solar-type star HD 171488 (V889 Her). Monthly Notices of the Royal Astronomical Society, 2006, 370, 468-476.	4.4	83
42	SPIRou: the near-infrared spectropolarimeter/high-precision velocimeter for the Canada-France-Hawaii telescope. Proceedings of SPIE, 2014, , .	0.8	80
43	The evolving magnetic topology of Î„, BoÃ“tis. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4325-4342.	4.4	76
44	Magnetometry of the classical T Tauri star GQ Lup: non-stationary dynamos and spin evolution of young Suns. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2948-2963.	4.4	73
45	Mass accretion on to T Tauri stars. Monthly Notices of the Royal Astronomical Society, 2006, 371, 999-1013.	4.4	69
46	The energy budget of stellar magnetic fields. Monthly Notices of the Royal Astronomical Society, 2015, 453, 4302-4311.	4.4	68
47	Modelling the RV jitter of early-M dwarfs using tomographic imaging. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1465-1497.	4.4	68
48	The hot Jupiter of the magnetically active weak-line T Tauri star V830 Tau. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3343-3360.	4.4	68
49	A solar-like magnetic cycle on the mature K-dwarf 61 Cygni A (HD 201091). Astronomy and Astrophysics, 2016, 594, A29.	5.1	68
50	The connection between stellar activity cycles and magnetic field topology. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4442-4450.	4.4	67
51	Detection of a magnetic field on HDâ€f108: clues to extreme magnetic braking and the Of?p phenomenonâ“.... Monthly Notices of the Royal Astronomical Society, 2010, 407, 1423-1432.	4.4	65
52	<i>Ï“</i>Eridani: an active K dwarf and a planet hosting star?. Astronomy and Astrophysics, 2014, 569, A79.	5.1	65
53	The weak magnetic field of the O9.7 supergiant Î“â€fOrionisâ€fA^{â“...}. Monthly Notices of the Royal Astronomical Society, 2008, 389, 75-85.	4.4	64
54	The close classical T Tauri binary V4046 Sgr: complex magnetic fields and distributed mass accretion. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1747-1759.	4.4	63

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55	Towards an understanding of the Of?p star HD 191612: optical spectroscopy. Monthly Notices of the Royal Astronomical Society, 2007, 381, 433-446.	4.4	62
56	Complex magnetic topology and strong differential rotation on the low-mass T Tauri star V2247 Oph. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1426-1436.	4.4	62
57	Magnetic topology and surface differential rotation on the K1 subgiant of the RS CVn system HR 1099. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1175-1190.	4.4	61
58	Accretion dynamics in the classical T Tauri star V2129 Ophiuchi. Astronomy and Astrophysics, 2012, 541, A116.	5.1	61
59	Doinâ€™ the twist: secular changes in the surface differential rotation on AB Doradus. Monthly Notices of the Royal Astronomical Society, 2002, 329, L23-L27.	4.4	60
60	Weak- and strong-field dynamos: from the Earth to the stars. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 418, L133-L137.	3.3	60
61	Magnetism and binarity of the Herbig Ae star V380 Ori. Monthly Notices of the Royal Astronomical Society, 2009, 400, 354-368.	4.4	59
62	Estimating Magnetic Filling Factors from Zeemanâ€™ Doppler Magnetograms. Astrophysical Journal, 2019, 876, 118.	4.5	59
63	Confirmation of the magnetic oblique rotator model for the Of?p star HDâ€™191612â€™.... Monthly Notices of the Royal Astronomical Society, 2011, 416, 3160-3169.	4.4	58
64	Investigating the young AUâ€™Mic system with SPIRou: large-scale stellar magnetic field and close-in planet mass. Monthly Notices of the Royal Astronomical Society, 2021, 502, 188-205.	4.4	57
65	The coronal structure of AB Doradus determined from contemporaneous Doppler imaging and X-ray spectroscopy. Monthly Notices of the Royal Astronomical Society, 2007, 377, 1488-1502.	4.4	56
66	Large-scale magnetic field of the G8 dwarf Î¼ Bootis A. Monthly Notices of the Royal Astronomical Society, 2005, 361, 837-849.	4.4	52
67	The non-dipolar magnetic fields of accreting T Tauri stars. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1839-1850.	4.4	52
68	Global 3D simulations of disc accretion on to the classical T Tauri star V2129 Oph. Monthly Notices of the Royal Astronomical Society, 2011, 411, 915-928.	4.4	52
69	Magnetospheric accretion on the fully convective classical T Tauri star DNâ€™Tau. Monthly Notices of the Royal Astronomical Society, 2013, 436, 881-897.	4.4	52
70	Stellar differential rotation from direct star-spot tracking. Monthly Notices of the Royal Astronomical Society, 2002, 330, 699-706.	4.4	50
71	Where Is the Water? Jupiter-like C/H Ratio but Strong H₂/O Depletion Found on Îµ, Boâ€™tis b Using SPIRou. Astronomical Journal, 2021, 162, 73.	4.7	50
72	Magnetic fields and differential rotation on the pre-main sequence -â€™fl. The early-G star HD 141943 - brightness and magnetic topologies. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1922-1938.	4.4	49

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73	A hot Jupiter around the very active weak-line T Tauri star TAP 26. Monthly Notices of the Royal Astronomical Society, 0, , stx009.	4.4	49
74	Detecting planets around active stars: impact of magnetic fields on radial velocities and line bisectors. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2599-2611.	4.4	47
75	Time-scales of close-in exoplanet radio emission variability. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4323-4332.	4.4	47
76	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
77	Predicting radio emission from the newborn hot Jupiter V830â€™%Tauri b and its host star. Astronomy and Astrophysics, 2017, 602, A39.	5.1	46
78	Studying stellar spin-down with Zeemanâ€™“Doppler magnetograms. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1542-1554.	4.4	46
79	High levels of surface differential rotation on the young G0 dwarf HDâ€™f171488^{â˜...}. Monthly Notices of the Royal Astronomical Society, 2008, 390, 635-644.	4.4	45
80	Do Non-dipolar Magnetic Fields Contribute to Spin-down Torques?. Astrophysical Journal, 2019, 886, 120.	4.5	45
81	Dynamo processes in the T Tauri star V410 Tau. Monthly Notices of the Royal Astronomical Society, 2010, 403, 159-169.	4.4	43
82	Comparisons of images derived from independent Zeeman Doppler imaging codes. Monthly Notices of the Royal Astronomical Society, 2000, 318, 961-973.	4.4	42
83	Photospheric magnetic field and surface differential rotation of the FK Com star HD 199178. Monthly Notices of the Royal Astronomical Society, 2004, 351, 826-844.	4.4	42
84	Doppler images and chromospheric variability of TWA 6. Monthly Notices of the Royal Astronomical Society, 2008, 385, 708-718.	4.4	42
85	Polar caps on active stars: magnetic flux emergence and transport. Monthly Notices of the Royal Astronomical Society, 2004, 354, 737-752.	4.4	41
86	Could a change in magnetic field geometry cause the break in the wind-activity relation?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 455, L52-L56.	3.3	41
87	A search for starlight reflected from HD 75289b. Monthly Notices of the Royal Astronomical Society, 2003, 346, L16-L20.	4.4	40
88	Magnetic fields and chemical peculiarities of the very young intermediate-mass binary system HD 72106. Monthly Notices of the Royal Astronomical Society, 2008, 391, 901-914.	4.4	40
89	Influence of surface stressing on stellar coronae and winds. Monthly Notices of the Royal Astronomical Society, 2013, 431, 528-538.	4.4	40
90	SPIRou Input Catalogue: global properties of 440ÂˆM dwarfs observed with ESPaDOnS at CFHT. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1960-1986.	4.4	40

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91	Magnetic fields and differential rotation on the pre-main sequence - II. The early-G star HD 141943 - coronal magnetic field, H α emission and differential rotation. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1939-1948.	4.4	39
92	Spin-orbit alignment and magnetic activity in the young planetary system AU Mic. Astronomy and Astrophysics, 2020, 641, L1.	5.1	38
93	The potential magnetic field of AB Doradus: comparison with Zeeman-Doppler images. Monthly Notices of the Royal Astronomical Society, 1999, 305, L35-L39.	4.4	37
94	The chromospheric emission of solar-type stars in the young open clusters IC 2391 and IC 2602. Monthly Notices of the Royal Astronomical Society, 2009, 399, 888-905.	4.4	37
95	Magnetic fields and differential rotation on the pre-main sequence - III. The early-G star HD 106506. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1949-1960.	4.4	37
96	Modelling the hidden magnetic field of low-mass stars. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2122-2131.	4.4	37
97	Magnetic fields on young, moderately rotating Sun-like stars â€“ I. HD 35296 and HD 29615. Monthly Notices of the Royal Astronomical Society, 2015, 449, 8-24.	4.4	37
98	VARIABLE RADIO EMISSION FROM THE YOUNG STELLAR HOST OF A HOT JUPITER. Astrophysical Journal, 2016, 830, 107.	4.5	37
99	The magnetic propeller accretion regime of LkCaâ€“15. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 483, L1-L5.	3.3	37
100	MAGNETIC FIELD TOPOLOGY IN LOW-MASS STARS: SPECTROPOLARIMETRIC OBSERVATIONS OF M DWARFS. Astrophysical Journal, 2009, 704, 1721-1729.	4.5	36
101	The magnetic field and accretion regime of CIâ€“Tau. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5660-5670.	4.4	36
102	Planet-induced radio emission from the coronae of M dwarfs: the case of Prox Cen and AU Mic. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1511-1518.	4.4	36
103	Inner disk structure of the classical T Tauri star LkCa 15. Astronomy and Astrophysics, 2018, 620, A195.	5.1	36
104	Observations of non-solar-type dynamo processes in stars with shallow convective zonesâ€“.... Monthly Notices of the Royal Astronomical Society, 2011, 411, 1301-1312.	4.4	33
105	The magnetic fields of forming solar-like stars. Reports on Progress in Physics, 2010, 73, 126901.	20.1	32
106	The magnetic properties of the star Kepler-78. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1993-2007.	4.4	32
107	Magnetic fields on young, moderately rotating Sun-like stars â€“ II. EK Draconis (HD 129333). Monthly Notices of the Royal Astronomical Society, 2017, 465, 2076-2091.	4.4	32
108	THE CLOSE T TAURI BINARY SYSTEM V4046 Sgr: ROTATIONALLY MODULATED X-RAY EMISSION FROM ACCRETION SHOCKS. Astrophysical Journal, 2012, 752, 100.	4.5	31

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109	Activity and magnetic field structure of the Sun-like planet-hosting star HD 1237. <i>Astronomy and Astrophysics</i> , 2015, 582, A38.	5.1	31
110	Venus cloud-tracked and doppler velocimetry winds from CFHT/ESPaDOnS and Venus Express/VIRTIS in April 2014. <i>Icarus</i> , 2017, 285, 8-26.	2.5	30
111	Global 3D simulations of disc accretion on to the classical T Tauri star BP Tauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1061-1071.	4.4	29
112	The magnetic field of $\hat{1}^2$ Cep and the Be phenomenon. <i>International Astronomical Union Colloquium</i> , 2000, 175, 324-329.	0.1	28
113	Telluric-line subtraction in high-accuracy velocimetry: a PCA-based approach. <i>Proceedings of SPIE</i> , 2014, , .	0.8	28
114	One year of AU Mic with HARPS “ II. Stellar activity and star-planet interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5067-5084.	4.4	28
115	Venus Doppler winds at cloud tops observed with ESPaDOnS at CFHT. <i>Planetary and Space Science</i> , 2008, 56, 1320-1334.	1.7	26
116	Differential rotation on both components of the pre-main-sequence binary system HD 155555. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 1525-1536.	4.4	26
117	GSC 07396-00759 = V4046 Sgr C[D]: A WIDE-SEPARATION COMPANION TO THE CLOSE T TAURI BINARY SYSTEM V4046 Sgr AB. <i>Astrophysical Journal Letters</i> , 2011, 740, L17.	8.3	25
118	A spectro-polarimetric study of the planet-hosting G dwarf, HD 147513. <i>Astronomy and Astrophysics</i> , 2016, 585, A77.	5.1	25
119	The open flux evolution of a solar-mass star on the main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 536-546.	4.4	25
120	Coronal structure of the classical T Tauri star V2129 Oph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 688-696.	4.4	24
121	The first magnetic maps of a pre-main-sequence binary star system “ HD 155555. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 481-496.	4.4	24
122	Magnetic field, activity, and companions of V410 \hat{A} Tau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5556-5572.	4.4	24
123	The contribution of star-spots to coronal structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 2472-2480.	4.4	23
124	The large-scale magnetic field of Proxima Centauri near activity maximum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1844-1850.	4.4	23
125	Multi-instrumental view of magnetic fields and activity of μ Eridani with SPIRou, NARVAL, and TESS. <i>Astronomy and Astrophysics</i> , 2021, 648, A55.	5.1	23
126	Circumstellar environment of 55 Cancri. <i>Astronomy and Astrophysics</i> , 2020, 633, A48.	5.1	22

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127	SPIRou @ CFHT: spectrograph optical design. Proceedings of SPIE, 2012, , .	0.8	21
128	Chasing Starâ€™Planet Magnetic Interactions: The Case of Kepler-78. Astrophysical Journal, 2019, 881, 136.	4.5	21
129	The SPIRou wavelength calibration for precise radial velocities in the near infrared. Astronomy and Astrophysics, 2021, 648, A48.	5.1	21
130	Multisite observations of SU Aurigae. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1301-1320.	4.4	20
131	Magnetic topologies of young suns: the weak-line T Tauri stars TWA 6 and TWA 8A. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5810-5833.	4.4	20
132	Characterizing Exoplanetary Atmospheres at High Resolution with SPIRou: Detection of Water on HD 189733 b. Astronomical Journal, 2021, 162, 233.	4.7	20
133	Magnetospheric accretion in the intermediate-mass T Tauri star HQ Tauri. Astronomy and Astrophysics, 2020, 642, A99.	5.1	19
134	Revisiting migration in a disc cavity to explain the high eccentricities of warm Jupiters. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1621-1632.	4.4	19
135	A MULTIPHASE <i>SUZAKU</i> STUDY OF X-RAYS FROM Î, Sco. Astrophysical Journal, 2010, 721, 1412-1420.	4.5	18
136	Early science with SPIRou: near-infrared radial velocity and spectropolarimetry of the planet-hosting star HD 189733. Astronomy and Astrophysics, 2020, 642, A72.	5.1	18
137	Polar fields for AB Doradus. Monthly Notices of the Royal Astronomical Society, 2003, 345, 601-608.	4.4	17
138	Magnetic field and prominences of the young, solar-like, ultra-rapid rotator V530 Persei. Astronomy and Astrophysics, 2020, 643, A39.	5.1	17
139	STABLE AND UNSTABLE REGIMES OF MASS ACCRETION ONTO RW AUR A. Astrophysical Journal, 2016, 820, 139.	4.5	17
140	Coronal structure of low-mass stars. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1077-1087.	4.4	16
141	TOIâ€™1278 B: SPIRou Unveils a Rare Brown Dwarf Companion in Close-in Orbit around an M Dwarf. Astronomical Journal, 2021, 162, 144.	4.7	16
142	Investigating the magnetospheric accretion process in the young pre-transitional disk system DoAr 44 (V2062 Oph). Astronomy and Astrophysics, 2020, 643, A99.	5.1	16
143	A Sun in the Spectroscopic Binary IM Pegasi, the Guide Star for the G r a v i t y P r o b e B Mission. Astrophysical Journal, 2005, 634, L173-L176.	4.5	15
144	Doppler images and chromospheric variability of TWA 17. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1829-1838.	4.4	15

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145	TOI-1759 b: A transiting sub-Neptune around a low mass star characterized with SPIRou and TESS. <i>Astronomy and Astrophysics</i> , 2022, 660, A86.	5.1	15
146	Magnetic Fields in M Dwarfs: Rapid Magnetic Field Variability in EV Lacertae. <i>Astrophysical Journal</i> , 2006, 646, L73-L76.	4.5	14
147	A maximum entropy approach to detect close-in giant planets around active stars. <i>Astronomy and Astrophysics</i> , 2015, 584, A84.	5.1	14
148	Estimating fundamental parameters of nearby M dwarfs from SPIRou spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1893-1912.	4.4	14
149	SPIRou: A NIR Spectropolarimeter/High-Precision Velocimeter for the CFHT. , 2018, , 903-929.		13
150	Star-disk interaction in the T Tauri star V2129 Ophiuchi: An evolving accretion-ejection structure. <i>Astronomy and Astrophysics</i> , 2021, 649, A68.	5.1	13
151	The changing corona of LQ Hya. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 1066-1072.	4.4	11
152	Doppler imaging of G-dwarfs in two young open clusters. <i>Astronomische Nachrichten</i> , 2004, 325, 246-246.	1.2	11
153	A survey of the weakest-field magnetic Ap stars: discovery of a threshold magnetic field strength?. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 633-636.	0.0	11
154	Predictions of Planet Detections with Near-infrared Radial Velocities in the Upcoming SPIRou Legacy Survey-planet Search. <i>Astronomical Journal</i> , 2018, 155, 93.	4.7	11
155	Slingshot prominences: coronal structure, mass loss and spin down. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	11
156	The T Tauri star V410 Tau in the eyes of SPIRou and TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3427-3445.	4.4	11
157	Front end of the SPIRou spectropolarimeter for Canada-France Hawaii Telescope. , 2012, , .		10
158	Modelling surface magnetic field evolution on AB Doradus due to diffusion and surface differential rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 160-166.	4.4	9
159	Doppler imaging of the young late-type star LO Pegasi (BD+22°4409) in 2003 September. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 237-246.	4.4	9
160	SPIRou @ CFHT: fiber links and pupil slicer. , 2012, , .		9
161	Simulating radial velocity observations of trappist-1 with SPIRou. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5114-5126.	4.4	9
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