Alexandre Santerne

List of Publications by Year in descending order

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66343 74163 6,992 148 42 75 citations h-index g-index papers 148 148 148 3667 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	HD 207897 b: A dense sub-Neptune transiting a nearby and bright K-type star. Astronomy and Astrophysics, 2022, 658, A176.	5.1	5
2	BEBOP III. Observations and an independent mass measurement of Kepler-16Â(AB)Âb – the first circumbinary planet detected with radial velocities. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3561-3570.	4.4	16
3	BEBOP II: sensitivity to sub-Saturn circumbinary planets using radial-velocities. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3571-3583.	4.4	17
4	Water content trends in K2-138 and other low-mass multi-planetary systems. Astronomy and Astrophysics, 2022, 660, A102.	5.1	7
5	The First Near-infrared Transmission Spectrum of HIP 41378 f, A Low-mass Temperate Jovian World in a Multiplanet System. Astrophysical Journal Letters, 2022, 927, L5.	8.3	16
6	HAT-P-68b: A Transiting Hot Jupiter around a K5 Dwarf Star*. Astronomical Journal, 2021, 161, 64.	4.7	2
7	A transit timing variation observed for the long-period extremely low-density exoplanet HIP 41378 f. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 504, L45-L50.	3.3	15
8	TOI-220 <i>b</i> : a warm sub-Neptune discovered by <i>TESS</i> . Monthly Notices of the Royal Astronomical Society, 2021, 505, 3361-3379.	4.4	6
9	The EBLM project – VIII. First results for M-dwarf mass, radius, and effective temperature measurements using <i>CHEOPS</i> light curves. Monthly Notices of the Royal Astronomical Society, 2021, 506, 306-322.	4.4	15
10	HAT-P-58b–HAT-P-64b: Seven Planets Transiting Bright Stars*. Astronomical Journal, 2021, 162, 7.	4.7	5
11	TOI-1259Ab – a gas giant planet with 2.7 per cent deep transits and a bound white dwarf companion. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4132-4148.	4.4	9
12	TOI-431/HIP 26013: a super-Earth and a sub-Neptune transiting a bright, early K dwarf, with a third RV planet. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2782-2803.	4.4	19
13	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2021, 653, A78.	5.1	5
14	ARES IV: Probing the Atmospheres of the Two Warm Small Planets HD 106315c and HD 3167c with the HST/WFC3 Camera*. Astronomical Journal, 2021, 161, 19.	4.7	25
15	TOI-1338: TESS' First Transiting Circumbinary Planet. Astronomical Journal, 2020, 159, 253.	4.7	58
16	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2020, 635, A122.	5.1	5
17	A remnant planetary core in the hot-Neptune desert. Nature, 2020, 583, 39-42.	27.8	73
18	Mass determinations of the three mini-Neptunes transiting TOI-125. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5399-5412.	4.4	28

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19	TOI-132 b: A short-period planet in the Neptune desert transiting a <i>V</i> Â= 11.3ÂG-type starã~ Monthly Notices of the Royal Astronomical Society, 2020, 493, 973-985.	4.4	19
20	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2020, 636, L6.	5.1	29
21	Can planetary rings explain the extremely low density of HIP 41378 ??. Astronomy and Astrophysics, 2020, 635, L8.	5.1	17
22	Masses for the seven planets in K2-32 and K2-233. Astronomy and Astrophysics, 2020, 640, A48.	5.1	18
23	Discovery and characterization of the exoplanets WASP-148b and c. Astronomy and Astrophysics, 2020, 640, A32.	5.1	14
24	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2019, 623, A104.	5.1	5
25	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2019, 625, A17.	5.1	29
26	The metallicity–period–mass diagram of low-mass exoplanets. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3981-3990.	4.4	14
27	Extrasolar planets and brown dwarfs around AF-type stars. Astronomy and Astrophysics, 2019, 621, A87.	5.1	29
28	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2019, 625, A18.	5.1	11
29	Detection and characterisation of 54 massive companions with the SOPHIE spectrograph. Astronomy and Astrophysics, 2019, 631, A125.	5.1	40
30	Exoplanet characterisation in the longest known resonant chain: the K2-138 system seen by HARPS. Astronomy and Astrophysics, 2019, 631, A90.	5.1	27
31	An Earth-sized exoplanet with a Mercury-like composition. Nature Astronomy, 2018, 2, 393-400.	10.1	75
32	SWEET-Cat updated. Astronomy and Astrophysics, 2018, 620, A58.	5.1	64
33	Brown dwarf companion with a period of 4.6 yr interacting with the hot Jupiter CoRoT-20 b. Astronomy and Astrophysics, 2018, 619, A115.	5.1	9
34	Populations of Extrasolar Giant Planets from Transit and Radial Velocity Surveys., 2018,, 1985-2007.		3
35	SOPHIE velocimetry of <i>Kepler</i> transit candidates. Astronomy and Astrophysics, 2018, 615, A90.	5.1	18
36	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2018, 618, A103.	5.1	20

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37	K2-265 b: a transiting rocky super-Earth. Astronomy and Astrophysics, 2018, 620, A77.	5.1	17
38	Planets, candidates, and binaries from the CoRoT/Exoplanet programme. Astronomy and Astrophysics, 2018, 619, A97.	5.1	29
39	A chemical survey of exoplanets with ARIEL. Experimental Astronomy, 2018, 46, 135-209.	3.7	249
40	Reconciling the Predictions of Microlensing Analysis with Radial Velocity Measurements for OGLE-2011-BLG-0417. Astrophysical Journal, 2018, 865, 162.	4.5	4
41	Populations of Extrasolar Giant Planets from Transit and Radial Velocity Surveys., 2018, , 1-23.		O
42	EPIC 201702477b: A TRANSITING BROWN DWARF FROM K2 IN A 41 DAY ORBIT. Astronomical Journal, 2017, 153, 15.	4.7	33
43	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2017, 601, A9.	5.1	12
44	A deeper view of the CoRoT-9 planetary system. Astronomy and Astrophysics, 2017, 603, A43.	5.1	9
45	K2-110 b: a massive mini-Neptune exoplanet. Astronomy and Astrophysics, 2017, 604, A19.	5.1	24
46	Transit shapes and self-organizing maps as a tool for ranking planetary candidates: application to <i>Kepler</i> and <i>K2</i> . Monthly Notices of the Royal Astronomical Society, 2017, 465, 2634-2642.	4.4	59
47	Precise masses for the transiting planetary system HD 106315 with HARPS. Astronomy and Astrophysics, 2017, 608, A25.	5.1	23
48	Disproving the validated planets K2-78b, K2-82b, and K2-92b. Astronomy and Astrophysics, 2017, 606, A75.	5.1	24
49	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2016, 588, A145.	5.1	25
50	HAT-P-65b AND HAT-P-66b: TWO TRANSITING INFLATED HOT JUPITERS AND OBSERVATIONAL EVIDENCE FOR THE REINFLATION OF CLOSE-IN GIANT PLANETS*. Astronomical Journal, 2016, 152, 182.	4.7	73
51	Spectroscopic characterisation of microlensing events. Astronomy and Astrophysics, 2016, 595, L11.	5.1	8
52	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2016, 585, A46.	5.1	22
53	Disentangling planetary and stellar activity features in the CoRoT-2 light curve. Astronomy and Astrophysics, 2016, 595, A89.	5.1	15
54	Is the activity level of HD 80606 influenced by its eccentric planet?. Astronomy and Astrophysics, 2016, 592, A143.	5.1	13

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55	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2016, 591, A146.	5.1	19
56	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2016, 587, A64.	5.1	208
57	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2016, 588, A144.	5.1	39
58	K2-30 b and K2-34 b: Two inflated hot Jupiters around solar-type stars. Astronomy and Astrophysics, 2016, 594, A50.	5.1	11
59	WASP-121Âb: a hot Jupiter close to tidal disruption transiting an active F star. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4025-4043.	4.4	132
60	K2-29 b/WASP-152 b: AN ALIGNED AND INFLATED HOT JUPITER IN A YOUNG VISUAL BINARY. Astrophysical Journal, 2016, 824, 55.	4. 5	44
61	An extreme planetary system around HD 219828. Astronomy and Astrophysics, 2016, 592, A13.	5.1	11
62	K2-19, The first K2 muti-planetary system showing TTVs. Proceedings of the International Astronomical Union, 2015, 11, 51-56.	0.0	0
63	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2015, 584, A13.	5.1	51
64	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2015, 575, A71.	5.1	32
65	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2015, 579, A36.	5.1	16
66	Polar stellar-spots and grazing planetary transits. Astronomy and Astrophysics, 2015, 583, L1.	5.1	10
67	One of the closest exoplanet pairs to the 3:2 mean motion resonance: K2-19b and c. Astronomy and Astrophysics, 2015, 582, A33.	5.1	37
68	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2015, 581, A38.	5.1	50
69	The first radial velocity measurements of a microlensing event: no evidence for the predicted binary. Astronomy and Astrophysics, 2015, 582, L11.	5.1	11
70	A HARPS view on K2-3. Astronomy and Astrophysics, 2015, 581, L7.	5.1	29
71	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2015, 573, A124.	5.1	23
72	Constraining planet structure from stellar chemistry: the cases of CoRoT-7, Kepler-10, and Kepler-93. Astronomy and Astrophysics, 2015, 580, L13.	5.1	67

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73	SOPHIE velocimetry of Kepler transit candidates: a joint photometric, spectroscopic and dynamical analysis of the Kepler-117 system. EPJ Web of Conferences, 2015, 101, 06014.	0.3	0
74	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2015, 579, A55.	5.1	36
75	pastis: Bayesian extrasolar planet validation – II. Constraining exoplanet blend scenarios using spectroscopic diagnoses. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2337-2351.	4.4	92
76	Photodynamical mass determination of the multiplanetary system K2-19. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4267-4276.	4.4	64
77	Improved parameters of seven <i>Kepler</i> giant companions characterized with SOPHIE and HARPS-N. Astronomy and Astrophysics, 2015, 575, A85.	5.1	41
78	The HARPS search for southern extra-solar planets. Astronomy and Astrophysics, 2014, 566, A35.	5.1	83
79	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2014, 561, L1.	5.1	25
80	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2014, 563, A22.	5.1	19
81	Instrumental methods for professional and amateur collaborations in planetary astronomy. Experimental Astronomy, 2014, 38, 91-191.	3.7	47
82	The PLATO 2.0 mission. Experimental Astronomy, 2014, 38, 249-330.	3.7	912
83	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
84	CoRoT-22 b: a validated 4.9 R⊕ exoplanet in 10-d orbitâ~â€. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2783-2792.	4.4	36
85	A window on exoplanet dynamical histories: Rossiter–McLaughlin observations of WASP-13b and WASP-32b. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3392-3401.	4.4	41
86	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. Astrophysical Journal, Supplement Series, 2014, 210, 20.	7.7	418
87	pastis: Bayesian extrasolar planet validation $\hat{a}\in$ I. General framework, models, and performance. Monthly Notices of the Royal Astronomical Society, 2014, 441, 983-1004.	4.4	157
88	SOPHIE velocimetry of <i>Kepler </i> transit candidates XI. Kepler-412 system: probing the properties of a new inflated hot Jupiter. Astronomy and Astrophysics, 2014, 564, A56.	5.1	26
89	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2014, 562, A140.	5.1	23
90	Extrasolar planets and brown dwarfs around A-F type stars. Astronomy and Astrophysics, 2014, 561, A65.	5.1	22

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91	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2014, 567, A112.	5.1	17
92	Revisiting the transits of CoRoT-7b at a lower activity level. Astronomy and Astrophysics, 2014, 569, A74.	5.1	53
93	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2014, 571, A37.	5.1	60
94	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2014, 572, A109.	5.1	37
95	Characterization of the four new transiting planets KOI-188b, KOI-195b, KOI-192b, and KOI-830b. Astronomy and Astrophysics, 2014, 572, A93.	5.1	18
96	CoRoT 101186644: A transiting low-mass dense M-dwarf on an eccentric 20.7-day period orbit around a late F-star. Astronomy and Astrophysics, 2013, 553, A30.	5.1	21
97	Transit timing variations in WASP-10b induced by stellar activity. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3032-3047.	4.4	98
98	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2013, 555, A118.	5.1	15
99	WASP-71b: a bloated hot Jupiter in a 2.9-day, prograde orbit around an evolved F8 star. Astronomy and Astrophysics, 2013, 552, A120.	5.1	20
100	SOPHIE+: First results of an octagonal-section fiber for high-precision radial velocity measurements. Astronomy and Astrophysics, 2013, 549, A49.	5.1	97
101	KOI-200 b and KOI-889 b: Two transiting exoplanets detected and characterized with∢i>Kepler∢/i>, SOPHIE, and HARPS-N. Astronomy and Astrophysics, 2013, 554, A114.	5.1	31
102	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2013, 558, L6.	5.1	36
103	WASP-52b, WASP-58b, WASP-59b, and WASP-60b: Four new transiting close-in giant planets. Astronomy and Astrophysics, 2013, 549, A134.	5.1	98
104	The contribution of secondary eclipses as astrophysical false positives to exoplanet transit surveys. Astronomy and Astrophysics, 2013, 557, A139.	5.1	43
105	WASP-54b, WASP-56b, and WASP-57b: Three new sub-Jupiter mass planets from SuperWASP. Astronomy and Astrophysics, 2013, 551, A73.	5.1	18
106	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2013, 551, L9.	5.1	48
107	Detection of Neptune-size planetary candidates with CoRoT data. Astronomy and Astrophysics, 2012, 547, A110.	5.1	21
108	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2012, 545, A55.	5.1	44

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109	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2012, 545, A6.	5.1	20
110	Planetary transit candidates in the CoRoT-SRcO1 field. Astronomy and Astrophysics, 2012, 539, A14.	5.1	22
111	Transiting exoplanets from the CoRoT  space mission. Astronomy and Astrophysics, 2012, 537, A54.	5.1	15
112	Planetary transit candidates in the CoRoT LRaO1 field. Astronomy and Astrophysics, 2012, 538, A112.	5.1	27
113	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2012, 538, A113.	5.1	46
114	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2012, 538, A96.	5.1	42
115	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2012, 545, A76.	5.1	134
116	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2012, 538, A145.	5.1	50
117	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2012, 544, L12.	5.1	33
118	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2012, 541, A149.	5.1	13
119	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2012, 537, A136.	5.1	25
120	Transiting exoplanets from the CoRoT space mission Resolving the nature of transit candidates for the LRaO3 and SRaO3 fields. Astrophysics and Space Science, 2012, 337, 511-529.	1.4	15
121	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2011, 531, A41.	5.1	33
122	WASP-38b: a transiting exoplanet in an eccentric, 6.87d period orbit. Astronomy and Astrophysics, 2011, 525, A54.	5.1	43
123	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2011, 536, A70.	5.1	39
124	WASP-39b: a highly inflated Saturn-mass planet orbiting a late G-type star. Astronomy and Astrophysics, 2011, 531, A40.	5.1	73
125	Transiting exoplanets from the <i>CoRoT</i> space mission. Astronomy and Astrophysics, 2011, 525, A68.	5.1	83
126	CoRoT LRa02_E2_0121: Neptune-size planet candidate turns into a hierarchical triple system with a giant primary. Astronomy and Astrophysics, 2011, 534, A67.	5.1	6

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127	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2011, 528, A63.	5.1	31
128	Radial velocity follow-up of CoRo Ttransiting exoplanets. EPJ Web of Conferences, 2011, 11, 02001.	0.3	9
129	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2011, 525, A85.	5.1	22
130	Higher-precision radial velocity measurements with the SOPHIE spectrograph using octagonal-section fibers. Proceedings of SPIE, $2011, \ldots$	0.8	25
131	WASP-40b: Independent Discovery of the $0.6\hat{A}$ (i>MSub>JupTransiting Exoplanet HAT-P-27b. Publications of the Astronomical Society of the Pacific, 2011, 123, 555-560.	3.1	41
132	The retrograde orbit of the HAT-P-6b exoplanet. Astronomy and Astrophysics, 2011, 527, L11.	5.1	70
133	Spin-orbit inclinations of the exoplanetary systems HAT-P-8b, HAT-P-9b, HAT-P-16b, and HAT-P-23b. Astronomy and Astrophysics, 2011, 533, A113.	5.1	54
134	SOPHIE velocimetry of <i>Kepler </i> transit candidates. Astronomy and Astrophysics, 2011, 533, A83.	5.1	67
135	Transiting exoplanets from the CoRoT spaceÂmission. Astronomy and Astrophysics, 2011, 533, A130.	5.1	42
136	INDEPENDENT DISCOVERY OF THE TRANSITING EXOPLANET HAT-P-14b. Astronomical Journal, 2011, 141, 161.	4.7	29
137	WASP-35b, WASP-48b, AND HAT-P-30b/WASP-51b: TWO NEW PLANETS AND AN INDEPENDENT DISCOVERY OF A HAT PLANET. Astronomical Journal, 2011, 142, 86.	4.7	67
138	WASP-37b: A 1.8 <i>M</i> _J EXOPLANET TRANSITING A METAL-POOR STAR. Astronomical Journal, 2011, 141, 8.	4.7	46
139	Radial velocity follow-up of <i>CoRoT </i> transiting exoplanets. EPJ Web of Conferences, 2011, 11, 02001.	0.3	1
140	Three new massive companions in the planet-brown dwarf boundary detected with SOPHIE. EPJ Web of Conferences, 2011, 11, 02006.	0.3	0
141	Resolving blended radial velocities. Proceedings of the International Astronomical Union, 2010, 6, 549-550.	0.0	O
142	The SOPHIE search for northern extrasolar planets. Astronomy and Astrophysics, 2010, 523, A88.	5.1	82
143	Observation of the full 12-hour-long transit of the exoplanet HD 80606b. Astronomy and Astrophysics, 2010, 516, A95.	5.1	82
144	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2010, 520, A66.	5.1	55

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145	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2010, 522, A110.	5.1	41
146	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2010, 520, A65.	5.1	62
147	Transiting exoplanets from the CoRoT space mission. Astronomy and Astrophysics, 2010, 520, A97.	5.1	33
148	Planetary transit candidates in CoRoT-LRcO1 field. Astronomy and Astrophysics, 2009, 506, 501-517.	5.1	34