Sabine Reffert

List of Publications by Year
in descending order

83	4,791	147801 31	102487 66
papers	citations	h-index	g-index

83	83	83	3473
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The PLATO 2.0 mission. Experimental Astronomy, 2014, 38, 249-330.	3.7	912
2	Spectrum radial velocity analyser (SERVAL). Astronomy and Astrophysics, 2018, 609, A12.	5.1	266
3	Retired A Stars and Their Companions: Exoplanets Orbiting Three Intermediateâ€Mass Subgiants. Astrophysical Journal, 2007, 665, 785-793.	4.5	223
4	RETIRED A STARS AND THEIR COMPANIONS. III. COMPARING THE MASSâ€“PERIOD DISTRIBUTIONS OF PLANETS AROUND A-TYPE STARS AND SUN-LIKE STARS. Astrophysical Journal, 2010, 709, 396-410.	4.5	193
5	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 612, A49.	5.1	173
6	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2015, 574, A116.	5.1	169
7	CARMENES instrument overview. Proceedings of SPIE, 2014, , .	0.8	132
8	A planetesimal orbiting within the debris disc around a white dwarf star. Science, 2019, 364, 66-69.	12.6	131
9	A Multisite Campaign to Measure Solarâ€like Oscillations in Procyon. I. Observations, Data Reduction, and Slow Variations. Astrophysical Journal, 2008, 687, 1180-1190.	4.5	128
10	Misaligned spin and orbital axes cause the anomalous precession of Dlâ€‰Herculis. Nature, 2009, 461, 373-376.	27.8	128
11	A candidate super-Earth planet orbiting near the snow line of Barnardâ€™s star. Nature, 2018, 563, 365-368.	27.8	109
12	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 609, A117.	5.1	103
13	Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. Astronomy and Astrophysics, 2019, 628, A39.	5.1	97
14	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 627, A49.	5.1	95
15	RETIRED A STARS AND THEIR COMPANIONS. VI. A PAIR OF INTERACTING EXOPLANET PAIRS AROUND THE SUBGIANTS 24 SEXTANIS AND HD 200964. Astronomical Journal, 2011, 141, 16.	4.7	88
16	Precise Radial Velocities of Giant Stars. II. Pollux and Its Planetary Companion. Astrophysical Journal, 2006, 652, 661-665.	4.5	84
17	Retired A Stars and Their Companions. II. Jovian planets orbiting Î² CrB and HD 167042. Astrophysical Journal, 2008, 675, 784-789.	4.5	83
18	Mass constraints on substellar companion candidates from the re-reducedHipparcosintermediate astrometric data: nine confirmed planets and two confirmed brown dwarfs. Astronomy and Astrophysics, 2011, 527, A140.	5.1	82

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19	A MULTI-SITE CAMPAIGN TO MEASURE SOLAR-LIKE OSCILLATIONS IN PROCYON. II. MODE FREQUENCIES. Astrophysical Journal, 2010, 713, 935-949.	4.5	78
20	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. Science, 2019, 365, 1441-1445.	12.6	78
21	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 653, A114.	5.1	67
22	HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS. Astronomical Journal, 2019, 157, 51.	4.7	66
23	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2006, 454, 943-949.	5.1	65
24	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2008, 480, 215-222.	5.1	59
25	CARMENES: an overview six months after first light. Proceedings of SPIE, 2016, , .	0.8	59
26	Improving the open cluster census. Astronomy and Astrophysics, 2021, 646, A104.	5.1	57
27	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 614, A122.	5.1	51
28	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 642, A173.	5.1	47
29	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 609, L5.	5.1	46
30	Old, Rich, and Eccentric: Two Jovian Planets Orbiting Evolved Metal-Rich Stars1. Publications of the Astronomical Society of the Pacific, 2009, 121, 613-620.	3.1	42
31	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2014, 568, A64.	5.1	37
32	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 618, A115.	5.1	37
33	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared. , 2018, , .		37
34	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. Astronomy and Astrophysics, 2020, 639, A132.	5.1	33
35	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 643, A112.	5.1	31
36	Reanalysis of nearby open clusters usingGaiaDR1/TGAS and HSOY. Astronomy and Astrophysics, 2018, 615, A12.	5.1	30

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37	Disentangling 2:1 resonant radial velocity orbits from eccentric ones and a case study for HD 27894. Astronomy and Astrophysics, 2015, 577, A103.	5.1	29
38	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. Astrophysical Journal, 2019, 885, 31.	4.5	28
39	ISPY-NACO Imaging Survey for Planets around Young stars. Astronomy and Astrophysics, 2020, 635, A162.	5.1	28
40	Discovery of a hot, transiting, Earth-sized planet and a second temperate, non-transiting planet around the M4 dwarf GJ 3473 (TOI-488). Astronomy and Astrophysics, 2020, 642, A236.	5.1	27
41	An ultra-short-period transiting super-Earth orbiting the M3 dwarf TOI-1685. Astronomy and Astrophysics, 2021, 650, A78.	5.1	27
42	NACO-SDI Direct Imaging Search for the Exoplanet âˆ Eri b. Astronomical Journal, 2007, 133, 2442-2456.	4.7	26
43	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2018, 616, A33.	5.1	24
44	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 636, A119.	5.1	24
45	A wide-orbit giant planet in the high-mass b Centauri binary system. Nature, 2021, 600, 231-234.	27.8	23
46	The discovery of stellar oscillations in the K giantÎ¹Draconis. Astronomy and Astrophysics, 2008, 491, 531-536.	5.1	22
47	TOI-1201 b: A mini-Neptune transiting a bright and moderately young M dwarf. Astronomy and Astrophysics, 2021, 656, A124.	5.1	22
48	Orbital relaxation and excitation of planets tidally interacting with white dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3831-3848.	4.4	21
49	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2019, 625, A22.	5.1	21
50	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2013, 555, A87.	5.1	20
51	Two Jovian Planets around the Giant Star HD 202696: A Growing Population of Packed Massive Planetary Pairs around Massive Stars?. Astronomical Journal, 2019, 157, 93.	4.7	20
52	HD 91669B: A NEW BROWN DWARF CANDIDATE FROM THE MCDONALD OBSERVATORY PLANET SEARCH. Astronomical Journal, 2009, 137, 3529-3532.	4.7	19
53	The B-Star Exoplanet Abundance Study: a co-moving 16â€“25 M_{Jup} companion to the young binary system HIP 79098. Astronomy and Astrophysics, 2019, 626, A99.	5.1	19
54	BEAST begins: sample characteristics and survey performance of the B-star Exoplanet Abundance Study. Astronomy and Astrophysics, 2021, 646, A164.	5.1	19

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55	A probable close brown dwarf companion to GJÂ1046 (Mâ€‰2.5V). Astronomy and Astrophysics, 2008, 483, 869-874.	5.1	18
56	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2016, 595, A55.	5.1	18
57	Imaging search for the unseen companion to Îµ Ind A - improving the detection limits with 4 Î¼m observations. Monthly Notices of the Royal Astronomical Society, 2009, 399, 377-384.	4.4	16
58	Three planets around HD 27894. Astronomy and Astrophysics, 2017, 602, L8.	5.1	16
59	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 638, A16.	5.1	16
60	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2015, 582, A54.	5.1	15
61	Global survey of star clusters in the Milky Way. Astronomy and Astrophysics, 2018, 614, A22.	5.1	15
62	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2019, 624, A18.	5.1	13
63	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2022, 661, A63.	5.1	13
64	ON THE TRANSIT POTENTIAL OF THE PLANET ORBITING IOTA DRACONIS. Astrophysical Journal, 2010, 720, 1644-1649.	4.5	12
65	Collinder 135 and UBC 7: A physical pair of open clusters. Astronomy and Astrophysics, 2020, 642, L4.	5.1	12
66	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2022, 663, A48.	5.1	12
67	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2021, 653, A49.	5.1	11
68	A Transiting, Temperate Mini-Neptune Orbiting the M Dwarf TOI-1759 Unveiled by TESS. Astronomical Journal, 2022, 163, 133.	4.7	10
69	Dynamical Analysis of the Circumprimary Planet in the Eccentric Binary System HD 59686. Astronomical Journal, 2018, 155, 174.	4.7	9
70	Radial-velocity jitter of stars as a function of observational timescale and stellar age. Astronomy and Astrophysics, 2019, 632, A37.	5.1	9
71	Discovery and mass measurement of the hot, transiting, Earth-sized planet, GJ 3929 b. Astronomy and Astrophysics, 2022, 659, A17.	5.1	9
72	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2019, 631, A136.	5.1	7

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73	A multi-planetary system orbiting the early-M dwarf TOI-1238. Astronomy and Astrophysics, 2022, 658, A138.	5.1	7
74	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2020, 644, A1.	5.1	5
75	Open star clusters in the Milky Way. Astronomy and Astrophysics, 2017, 606, L8.	5.1	4
76	Precise radial velocities of giant stars. Astronomy and Astrophysics, 2021, 647, A160.	5.1	3
77	Nonthermal Radio Continuum Emission from Young Nearby Stars. Astrophysical Journal, 2022, 931, 43.	4.5	3
78	New HARPS and FEROS Observations of GJ 1046. Research Notes of the AAS, 2018, 2, 180.	0.7	2
79	Physical modeling of echelle spectrographs: the CARMENES case study. , 2018, , .		1
80	Two Giant Planets Orbiting the K Giant Star Î· Cet. Proceedings of the International Astronomical Union, 2013, 8, 309-310.	0.0	0
81	Reanalysis of 24 Nearby Open Clusters using Gaia data. Proceedings of the International Astronomical Union, 2017, 12, 281-282.	0.0	0
82	A photospheric and chromospheric activity analysis of the quiescent retrograde-planet host Î½ OctantisÂA. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2793-2806.	4.4	0
83	Dynamical Architecture of the HD 107148 Planetary System. Astronomical Journal, 2022, 163, 198.	4.7	0