Serena Benatti

List of Publications by Year
in descending order

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69 papers	2,693 citations	186265 28 h-index	189892 50 g-index
70 all docs	70 docs citations	70 times ranked	2422 citing authors

#	Article	IF	Citations
1	TheKeplercharacterization of the variability among A- and F-type stars. Astronomy and Astrophysics, 2011, 534, A125.	5.1	263
2	A chemical survey of exoplanets with ARIEL. Experimental Astronomy, 2018, 46, 135-209.	3.7	249
3	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 602, A107.	5.1	185
4	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
5	THE ASTEROSEISMIC POTENTIAL OF KEPLER : FIRST RESULTS FOR SOLAR-TYPE STARS. Astrophysical Journal Letters, 2010, 713, L169-L175.	8.3	122
6	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2013, 554, A28.	5.1	103
7	Five carbon- and nitrogen-bearing species in a hot giant planetâ€™s atmosphere. Nature, 2021, 592, 205-208.	27.8	99
8	Neutral Iron Emission Lines from the Dayside of KELT-9b: The GAPS Program with HARPS-N at TNG XX. Astrophysical Journal Letters, 2020, 894, L27.	8.3	84
9	A MULTI-SITE CAMPAIGN TO MEASURE SOLAR-LIKE OSCILLATIONS IN PROCYON. II. MODE FREQUENCIES. Astrophysical Journal, 2010, 713, 935-949.	4.5	78
10	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2016, 588, A118.	5.1	76
11	TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group. Astronomical Journal, 2020, 160, 179.	4.7	68
12	Exoplanet atmospheres with GIANO. Astronomy and Astrophysics, 2019, 625, A107.	5.1	62
13	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 578, A64.	5.1	52
14	HADES RV programme with HARPS-N at TNG. Astronomy and Astrophysics, 2018, 612, A89.	5.1	51
15	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2018, 613, A41.	5.1	49
16	The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 639, A49.	5.1	47
17	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 575, A111.	5.1	46
18	A possibly inflated planet around the bright young star DS Tucanae A. Astronomy and Astrophysics, 2019, 630, A81.	5.1	45

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19	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2019, 631, A34.	5.1	44
20	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 601, A53.	5.1	41
21	Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau. Nature Astronomy, 2022, 6, 232-240.	10.1	40
22	The SPHERE infrared survey for exoplanets (SHINE). Astronomy and Astrophysics, 2021, 651, A70.	5.1	39
23	Lines and continuum sky emission in the near infrared: observational constraints from deep high spectral resolution spectra with GIANO-TNG. Astronomy and Astrophysics, 2015, 581, A47.	5.1	37
24	GIARPS@TNG: GIANO-B and HARPS-N together for a wider wavelength range spectroscopy. European Physical Journal Plus, 2017, 132, 1.	2.6	37
25	The GAPS Programme at TNG. Astronomy and Astrophysics, 2020, 638, A5.	5.1	35
26	Detection of Solarâ€like Oscillations in the G5 Subgiant Î¼Â Her. Astrophysical Journal, 2008, 676, 1248-1253.	4.5	31
27	Constraints on the mass and on the atmospheric composition and evolution of the low-density young planet DS Tucanae A b. Astronomy and Astrophysics, 2021, 650, A66.	5.1	30
28	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
29	A critical reassessment of the fundamental properties of GJ 504: chemical composition and age. Astronomy and Astrophysics, 2017, 598, A19.	5.1	28
30	HADES RV Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 605, A92.	5.1	27
31	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2014, 567, L6.	5.1	26
32	Multi-band high resolution spectroscopy rules out the hot Jupiter BD+20 1790b. Astronomy and Astrophysics, 2018, 613, A50.	5.1	25
33	The GAPS Programme at TNG. Astronomy and Astrophysics, 2021, 645, A71.	5.1	25
34	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2018, 616, A155.	5.1	24
35	The GAPS Programme at TNG. Astronomy and Astrophysics, 2020, 642, A133.	5.1	23
36	K2-111: an old system with two planets in near-resonanceâ€. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5004-5021.	4.4	22

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37	The GAPS Programme at TNG. Astronomy and Astrophysics, 2022, 658, A136.	5.1	20
38	Gyrochronological dating of the stellar moving group Group X. Astronomy and Astrophysics, 2022, 657, L3.	5.1	18
39	Characterization of the K2-38 planetary system. Astronomy and Astrophysics, 2020, 641, A92.	5.1	17
40	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. Astronomical Journal, 2020, 160, 114.	4.7	17
41	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 581, L6.	5.1	16
42	The GAPS Programme at TNG. Astronomy and Astrophysics, 2021, 653, A104.	5.1	15
43	The GAPS Programme at TNG. Astronomy and Astrophysics, 2020, 640, A123.	5.1	15
44	High precision radial velocities with GIANO spectra. Experimental Astronomy, 2016, 41, 351-376.	3.7	14
45	HADES RV Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 608, A63.	5.1	14
46	HADES RV Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2019, 624, A27.	5.1	13
47	New Constraints on the Future Evaporation of the Young Exoplanets in the V1298 Tau System. Astrophysical Journal, 2022, 925, 172.	4.5	13
48	The HADES RV programme with HARPS-N at TNG. Astronomy and Astrophysics, 2019, 625, A126.	5.1	12
49	EXOTIME: searching for planets around pulsating subdwarf BÂstars. Astrophysics and Space Science, 2010, 329, 231-242.	1.4	11
50	The sdB pulsating star V391 Peg and its putative giant planet revisited after 13 years of time-series photometric data. Astronomy and Astrophysics, 2018, 611, A85.	5.1	11
51	Mapping of shadows cast on a protoplanetary disk by a close binary system. Nature Astronomy, 2019, 3, 167-172.	10.1	11
52	The homogeneous characterisation of Ariel host stars. Experimental Astronomy, 2022, 53, 473-510.	3.7	10
53	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 599, A90.	5.1	9
54	The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 639, A50.	5.1	9

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55	The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 641, A68.	5.1	9
56	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2019, 621, A110.	5.1	8
57	The GAPS Programme at TNG. Astronomy and Astrophysics, 2021, 646, A159.	5.1	8
58	GIARPS: commissioning and first scientific results. , 2018, , .		8
59	Ariel stellar characterisation. Astronomy and Astrophysics, 2022, 663, A161.	5.1	7
60	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 606, A51.	5.1	6
61	HD 22496 b: The first ESPRESSO stand-alone planet discovery. Astronomy and Astrophysics, 2021, 654, A60.	5.1	6
62	The GAPS programme at TNG. Astronomy and Astrophysics, 2022, 663, A142.	5.1	5
63	The EXOTIME project: signals in the Oâ€“C diagrams of the rapidly pulsating subdwarfs DW Lyn, V1636 Ori, QQ Vir, and V541 Hya. Astronomy and Astrophysics, 2020, 638, A108.	5.1	4
64	GIARPS: the unique VIS-NIR high precision radial velocity facility in this world. Proceedings of SPIE, 2016, , .	0.8	4
65	The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 642, A53.	5.1	4
66	Multi-Wavelength High-Resolution Spectroscopy for Exoplanet Detection: Motivation, Instrumentation and First Results. Geosciences (Switzerland), 2018, 8, 289.	2.2	3
67	Introducing GOFIO: a DRS for the GIANO-B near-infrared spectrograph. , 2018, , .		3
68	Oscillations in Procyon A: First results from a multi-site campaign. Journal of Physics: Conference Series, 2008, 118, 012059.	0.4	2
69	Detection of p-modes in solar type stars with SARG@TNG. , 2009, , .		0