Enrique Solano

List of Publications by Year
in descending order

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112	4,692	87888	106344
papers	citations	38 h-index	65 g-index

113	113	113	4246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	VOSA: virtual observatory SED analyzer. Astronomy and Astrophysics, 2008, 492, 277-287.	5.1	386
2	Estimation of the XUV radiation onto close planets and their evaporation. Astronomy and Astrophysics, 2011, 532, A6.	5.1	318
3	DUst around NEarby Stars. The survey observational results. Astronomy and Astrophysics, 2013, 555, A11.	5.1	183
4	EXPORT: Spectral classification and projected rotational velocities of Vega-type and pre-main sequence stars. Astronomy and Astrophysics, 2001, 378, 116-131.	5.1	179
5	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 612, A49.	5.1	173
6	Automated supervised classification of variable stars. Astronomy and Astrophysics, 2007, 475, 1159-1183.	5.1	151
7	CARMENES instrument overview. Proceedings of SPIE, 2014, , .	0.8	132
8	J-PLUS: The Javalambre Photometric Local Universe Survey. Astronomy and Astrophysics, 2019, 622, A176.	5.1	124
9	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 625, A68.	5.1	123
10	GASPSâ€"A Herschel Survey of Gas and Dust in Protoplanetary Disks: Summary and Initial Statistics. Publications of the Astronomical Society of the Pacific, 2013, 125, 477-505.	3.1	108
11	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 609, A117.	5.1	103
12	On the simultaneous optical and near-infrared variability of pre-main sequence stars. Astronomy and Astrophysics, 2002, 384, 1038-1049.	5.1	96
13	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2019, 627, A49.	5.1	95
14	CARMENES input catalogue of M dwarfs. Astronomy and Astrophysics, 2020, 642, A115.	5.1	93
15	EXPORT: Optical photometry and polarimetry of Vega-type and pre-main sequence stars. Astronomy and Astrophysics, 2001, 379, 564-578.	5.1	92
16	A white dwarf catalogue from Gaia-DR2 and the Virtual Observatory. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4505-4518.	4.4	82
17	Study of the properties and spectral energy distributions of the Herbig AeBe stars HD 34282 and HD 141569. Astronomy and Astrophysics, 2004, 419, 301-318.	5.1	80
18	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. Science, 2019, 365, 1441-1445.	12.6	78

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19	Automated supervised classification of variable stars in the CoRoT programme. Astronomy and Astrophysics, 2009, 506, 519-534.	5.1	77
20	Cluster membership probabilities from proper motions and multi-wavelength photometric catalogues. Astronomy and Astrophysics, 2014, 563, A45.	5.1	68
21	Herschel-PACS observation of the 10ÂMyr old TÂTauri disk TWÂHya. Astronomy and Astrophysics, 2010, 518, L125.	5.1	66
22	WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1470-1489.	4.4	63
23	A scenario of planet erosion by coronal radiation. Astronomy and Astrophysics, 2010, 511, L8.	5.1	62
24	Spectral properties of near-Earth and Mars-crossing asteroids using Sloan photometry. Icarus, 2016, 268, 340-354.	2.5	62
25	Incidence of debris discs around FGK stars in the solar neighbourhood. Astronomy and Astrophysics, 2016, 593, A51.	5.1	59
26	CARMENES: an overview six months after first light. Proceedings of SPIE, 2016, , .	0.8	59
27	Abundance analysis of targets for the COROT/MONS asteroseismology missions. Astronomy and Astrophysics, 2004, 425, 683-695.	5.1	55
28	Cold DUst around NEarby Stars (DUNES). First results. Astronomy and Astrophysics, 2010, 518, L131.	5.1	52
29	Spectroscopic survey of Î´ Scuti stars. Astronomy and Astrophysics, 1997, 122, 131-147.	2.1	51
30	An in-depth study of HDâ€‰174966 with CoRoT photometry and HARPS spectroscopy. Astronomy and Astrophysics, 2013, 559, A63.	5.1	48
31	Measuring mean densities ofÎ´Scuti stars with asteroseismology. Astronomy and Astrophysics, 2014, 563, A7.	5.1	48
32	CARMENES: Calar Alto high-resolution search for M dwarfs with exo-earths with a near-infrared Echelle spectrograph. Proceedings of SPIE, 2010, , .	0.8	47
33	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2018, 609, L5.	5.1	46
34	A Catalog of Wide Binary and Multiple Systems of Bright Stars from Gaia-DR2 and the Virtual Observatory. Astronomical Journal, 2019, 157, 78.	4.7	45
35	CARMENES. I: instrument and survey overview. Proceedings of SPIE, 2012, , .	0.8	43
36	The first planet detected in the WTS: an inflated hot Jupiter in a 3.35â€‰d orbit around a late F star. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1877-1890.	4.4	42

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37	Resolving the cold debris disc around a planet-hosting star. Astronomy and Astrophysics, 2010, 518, L132.	5.1	39
38	Gas in the protoplanetary disc of HDâ€‰169142:Herschel's view. Astronomy and Astrophysics, 2010, 518, L124.	5.1	39
39	EXPORT: Near-IR observations of Vega-type and pre-main sequence stars. Astronomy and Astrophysics, 2001, 365, 110-114.	5.1	38
40	Reaching the boundary between stellar kinematic groups and very wide binaries. Astronomy and Astrophysics, 2015, 583, A85.	5.1	37
41	Extended halo of NGC 2682 (M 67) from Gaia DR2. Astronomy and Astrophysics, 2019, 627, A119.	5.1	37
42	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared. , 2018, , .		37
43	Young stars and brown dwarfs surrounding Alnilam (ÏµÂOrionis) and Mintaka (Î´ÂOrionis). Astronomy and Astrophysics, 2008, 485, 931-949.	5.1	32
44	Red supergiants around the obscured open cluster StephensonÂ2. Astronomy and Astrophysics, 2012, 547, A15.	5.1	30
45	GAUDI: A Preparatory Archive for theCOROTMission. Astronomical Journal, 2005, 129, 547-553.	4.7	29
46	GRB 021004: Tomography of a gamma-ray burst progenitor and its host galaxy. Astronomy and Astrophysics, 2010, 517, A61.	5.1	29
47	New ultracool subdwarfs identified in large-scale surveys using Virtual Observatory tools. Astronomy and Astrophysics, 2012, 542, A105.	5.1	29
48	Random Forest identification of the thin disc, thick disc, and halo Gaia-DR2 white dwarf population. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5573-5589.	4.4	29
49	Proper motions of young stars in Chamaeleon. Astronomy and Astrophysics, 2013, 551, A46.	5.1	29
50	Infrared-excess white dwarfs in the Gaia 100Âpc sample. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	28
51	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 640, A50.	5.1	28
52	GTC/OSIRIS SPECTROSCOPIC IDENTIFICATION OF A FAINT L SUBDWARF IN THE UKIRT INFRARED DEEP SKY SURVEY. Astrophysical Journal Letters, 2010, 708, L107-L111.	8.3	27
53	Light element non-LTE abundances ofÎ»Bootis stars. Astronomy and Astrophysics, 2001, 375, 899-908.	5.1	27
54	Effective temperatures and radii of planet-hosting stars from IR photometry. Astronomy and Astrophysics, 2003, 411, L501-L504.	5.1	26

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55	A dynamical study of the circumstellar gas in UX Orionis. Astronomy and Astrophysics, 2002, 393, 259-271.	5.1	23
56	TheHerschelview of GAS in Protoplanetary Systems (GASPS). Astronomy and Astrophysics, 2010, 518, L126.	5.1	23
57	GAS in Protoplanetary Systems (GASPS). Astronomy and Astrophysics, 2010, 518, L127.	5.1	23
58	Dynamics of the circumstellar gas in the Herbig Ae stars BF Orionis, SV Cephei, WW Vulpeculae and XY Persei. Astronomy and Astrophysics, 2004, 419, 225-240.	5.1	23
59	New ultracool subdwarfs identified in large-scale surveys using Virtual Observatory tools. Astronomy and Astrophysics, 2017, 598, A92.	5.1	22
60	WISE/2MASS-SDSS brown dwarfs candidates using Virtual Observatory tools. Astronomy and Astrophysics, 2011, 534, L7.	5.1	21
61	The INES system. Astronomy and Astrophysics, 2000, 141, 343-355.	2.1	21
62	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 642, A22.	5.1	19
63	The physical structure of planetary nebulae around sdO stars: Abell 36, DeHt 2, and RWT 152â˜¼. Monthly Notices of the Royal Astronomical Society, 2015, 446, 317-329.	4.4	18
64	Unveiling the power spectra of Î´ Scuti stars with TESS. Astronomy and Astrophysics, 2020, 638, A59.	5.1	18
65	A proper motion study of the Lupus clouds using Virtual Observatory tools. Astronomy and Astrophysics, 2011, 529, A108.	5.1	17
66	CARMENES: data flow. Proceedings of SPIE, 2016, , .	0.8	17
67	CONSTRAINTS ON THE BINARY PROPERTIES OF MID- TO LATE T DWARFS FROMHUBBLE SPACE TELESCOPEWFC3 OBSERVATIONS. Astronomical Journal, 2014, 148, 129.	4.7	16
68	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 638, A16.	5.1	16
69	Precovery of nearâ€Earth asteroids by a citizenâ€science project of the Spanish Virtual Observatory. Astronomische Nachrichten, 2014, 335, 142-149.	1.2	15
70	Radial velocities and iron abundances of field RR Lyraes. II.. Astronomy and Astrophysics, 1997, 125, 321-327.	2.1	15
71	Spectral analysis of BD+30Â°623, the peculiar binary central star of the planetary nebula NGC 1514â˜¼. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2822-2831.	4.4	14
72	Physical parameters of $mathsf{lambda}$ Bootis stars. Astronomy and Astrophysics, 2001, 374, 957-967.	5.1	14

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73	Proper motions of young stars in Chamaeleon. Astronomy and Astrophysics, 2013, 556, A144.	5.1	13
74	A Virtual Observatory Census to Address Dwarfs Origins (AVOCADO). Astronomy and Astrophysics, 2013, 554, A20.	5.1	12
75	Keplerobservations of very low-mass stars. Astronomy and Astrophysics, 2013, 555, A108.	5.1	12
76	Estimates of the atmospheric parameters of M-type stars: a machine-learning perspective. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1120-1139.	4.4	12
77	SEARCH FOR BRIGHT NEARBY M DWARFS WITH VIRTUAL OBSERVATORY TOOLS. Astronomical Journal, 2014, 148, 36.	4.7	11
78	Albus 1: A Very Bright White Dwarf Candidate. Astrophysical Journal, 2007, 665, L151-L154.	4.5	10
79	A search for new hot subdwarf stars by means of virtual observatory tools II. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3396-3408.	4.4	10
80	Discovery of wide low and very low-mass binary systems using Virtual Observatory tools. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2983-3006.	4.4	10
81	IGR J19294+1816: a new Be-X-ray binary revealed through infrared spectroscopy. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2110-2116.	4.4	10
82	An IPHAS-based search for accreting very low-mass objects using VO tools. Astronomy and Astrophysics, 2009, 497, 973-981.	5.1	10
83	Identification of blue high proper motion objects in the Tycho-2 and 2MASS catalogues using Virtual Observatory tools. Astronomy and Astrophysics, 2011, 525, A29.	5.1	8
84	Identification of red high proper-motion objects in Tycho-2 and 2MASS catalogues using Virtual Observatory tools. Astronomy and Astrophysics, 2012, 539, A86.	5.1	8
85	Euro-VOâ€"Coordination of virtual observatory activities in Europe. Astronomy and Computing, 2015, 11, 181-189.	1.7	8
86	A search for new hot subdwarf stars by means of Virtual Observatory tools. Astronomy and Astrophysics, 2011, 530, A2.	5.1	7
87	THROES: a caTalogue of HeRschel Observations of Evolved Stars. Astronomy and Astrophysics, 2018, 611, A41.	5.1	7
88	The ssos pipeline: Identification of Solar System objects in astronomical images. Astronomy and Computing, 2019, 28, 100289.	1.7	7
89	Identification of asteroids using the Virtual Observatory: the WFCAM Transit Survey. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3046-3060.	4.4	6
90	J-PLUS: Discovery and characterisation of ultracool dwarfs using Virtual Observatory tools. Astronomy and Astrophysics, 2019, 627, A29.	5.1	6

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91	Can Jupiters be found by monitoring Galactic bulge microlensing events from northern sites?. Monthly Notices of the Royal Astronomical Society, 2001, 325, 1205-1212.	4.4	5
92	A glint in the eye: Photographic plate archive searches for non-terrestrial artefacts. Acta Astronautica, 2022, 194, 106-113.	3.2	5
93	Gaia 0007â€“1605: An Old Triple System with an Inner Brown Dwarfâ€“White Dwarf Binary and an Outer White Dwarf Companion. Astrophysical Journal Letters, 2022, 927, L31.	8.3	4
94	tesela: a new Virtual Observatory tool to determine blank fields for astronomical observations. Monthly Notices of the Royal Astronomical Society, 2011, 417, 3061-3071.	4.4	3
95	The Absolute Magnitude of RR Lyraes: from Hipparcos Parallaxes and Proper Motions. Astrophysics and Space Science, 1998, 263, 219-222.	1.4	2
96	Observations of the planetary nebula RWTÂ152 with OSIRIS/GTC. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3945-3954.	4.4	2
97	The Gran Telescopio Canarias OSIRIS broad-band first data release. Monthly Notices of the Royal Astronomical Society, 2020, 491, 129-152.	4.4	2
98	Wide companions to M and L subdwarfs with Gaia and the Virtual Observatory. Astronomy and Astrophysics, 2021, 650, A190.	5.1	2
99	A scenario of planet erosion by coronal radiation(Corrigendum). Astronomy and Astrophysics, 2010, 520, C1.	5.1	2
100	Identification of Î» Bootis Stars Using IUE Spectra. , 1998, 263, 271-274.		1
101	The Gran Telescopio Canarias and Calar Alto Virtual Observatory compliant archives. , 2012, , .		1
102	Building a VO-compliant Radio Astronomical DAta Model for Single-dish radio telescopes (RADAMS). Experimental Astronomy, 2012, 34, 623-652.	3.7	1
103	Theoretical properties of regularities in the oscillation spectra of A-F main-sequence stars. Proceedings of the International Astronomical Union, 2013, 9, 89-92.	0.0	1
104	Spectroscopic Survey of Î´ Sct Stars. Astrophysics and Space Science, 1998, 263, 267-270.	1.4	0
105	Synthesis models in the VO framework. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
106	Stellar Population Challenge: analysis of M67 with the VO. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
107	Criteria for spectral classification of cool stars using high-resolution spectra. Proceedings of the International Astronomical Union, 2006, 2, 598-598.	0.0	0
108	Brown dwarfs and star forming regions in the framework of the Spanish Virtual Observatory. Proceedings of the International Astronomical Union, 2006, 2, 597-597.	0.0	0

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109	High resolution spectroscopic characterization of the FGK stars in the Solar neighbourhood. , 2009, , .		0
110	GTC/OSIRIS Observations of RWT 152, a Case Study of a Planetary Nebula With an sdO Central Star. EAS Publications Series, 2015, 71-72, 305-308.	0.3	0
111	Exoplanet host-star properties: the active environment of exoplanets. Proceedings of the International Astronomical Union, 2018, 14, 202-205.	0.0	0
112	The LAEX and NASA portals for CoRoT public data. Astronomy and Astrophysics, 2009, 506, 455-463.	5.1	0