

Julián D Alvarado-Gómez

List of Publications by Year in descending order

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38
papers

985
citations

430874

18
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	The Threatening Magnetic and Plasma Environment of the TRAPPIST-1 Planets. <i>Astrophysical Journal Letters</i> , 2017, 843, L33.	8.3	106
2	Suppression of Coronal Mass Ejections in Active Stars by an Overlying Large-scale Magnetic Field: A Numerical Study. <i>Astrophysical Journal</i> , 2018, 862, 93.	4.5	96
3	The Revolution Revolution: Magnetic Morphology Driven Spin-down $\hat{=}$. <i>Astrophysical Journal</i> , 2018, 862, 90.	4.5	90
4	The Stellar CME-Flare Relation: What Do Historic Observations Reveal?. <i>Astrophysical Journal</i> , 2019, 877, 105.	4.5	68
5	New Observational Constraints on the Winds of M dwarf Stars*. <i>Astrophysical Journal</i> , 2021, 915, 37.	4.5	61
6	Simulating the environment around planet-hosting stars. <i>Astronomy and Astrophysics</i> , 2016, 594, A95.	5.1	51
7	The High-energy Radiation Environment around a 10 Gyr M Dwarf: Habitable at Last?. <i>Astronomical Journal</i> , 2020, 160, 237.	4.7	39
8	Simulating the environment around planet-hosting stars. <i>Astronomy and Astrophysics</i> , 2016, 588, A28.	5.1	36
9	Coronal Response to Magnetically Suppressed CME Events in M-dwarf Stars. <i>Astrophysical Journal Letters</i> , 2019, 884, L13.	8.3	34
10	Simultaneous <i>Kepler</i> /K2 and <i>XMM-Newton</i> observations of superflares in the Pleiades. <i>Astronomy and Astrophysics</i> , 2019, 622, A210.	5.1	32
11	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
12	A Monster CME Obscuring a Demon Star Flare. <i>Astrophysical Journal</i> , 2017, 850, 191.	4.5	28
13	The variability of magnetic activity in solar-type stars. <i>Astronomische Nachrichten</i> , 2017, 338, 753-772.	1.2	26
14	Stellar Energetic Particles in the Magnetically Turbulent Habitable Zones of TRAPPIST-1-like Planetary Systems. <i>Astrophysical Journal</i> , 2019, 874, 21.	4.5	26
15	Tuning the Exospace Weather Radio for Stellar Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2020, 895, 47.	4.5	26
16	Magneto-Acoustic Energetics Study of the Seismically Active Flare of 15 February 2011. <i>Solar Physics</i> , 2012, 280, 335-345.	2.5	25
17	A spectro-polarimetric study of the planet-hosting G dwarf, HD 147513. <i>Astronomy and Astrophysics</i> , 2016, 585, A77.	5.1	25
18	The Magnetic Nature of the Cataclysmic Variable Period Gap. <i>Astrophysical Journal</i> , 2018, 868, 60.	4.5	20

#	ARTICLE	IF	CITATIONS
19	Giant white-light flares on fully convective stars occur at high latitudes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1723-1745.	4.4	19
20	A Multiwavelength Look at the GJ 9827 System: No Evidence of Extended Atmospheres in GJ 9827b and d from HST and CARMENES Data. <i>Astronomical Journal</i> , 2021, 161, 136.	4.7	17
21	Simulating the Space Weather in the AU Mic System: Stellar Winds and Extreme Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2022, 928, 147.	4.5	17
22	Multi-wavelength variability of the young solar analog <i>Horologii</i> . <i>Astronomy and Astrophysics</i> , 2019, 631, A45.	5.1	15
23	Breezing through the Space Environment of Barnard's Star b. <i>Astrophysical Journal Letters</i> , 2019, 875, L12.	8.3	15
24	An Earth-like Stellar Wind Environment for Proxima Centauri c. <i>Astrophysical Journal Letters</i> , 2020, 902, L9.	8.3	14
25	Stellar Winds Drive Strong Variations in Exoplanet Evaporative Outflow Patterns and Transit Absorption Signatures. <i>Astrophysical Journal</i> , 2021, 913, 130.	4.5	13
26	Synthetic Radio Imaging for Quiescent and CME-flare Scenarios. <i>Astrophysical Journal</i> , 2018, 867, 51.	4.5	9
27	The Space Environment and Atmospheric Joule Heating of the Habitable Zone Exoplanet TOI 700 d. <i>Astrophysical Journal</i> , 2020, 897, 101.	4.5	9
28	Exoplanet Modulation of Stellar Coronal Radio Emission. <i>Astronomical Journal</i> , 2018, 156, 202.	4.7	8
29	Far beyond the Sun's I. The beating magnetic heart in <i>Horologium</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4326-4338.	4.4	7
30	Coronal mass ejections and exoplanets: A numerical perspective. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	6
31	The corona of GJ 1151 in the context of star-planet interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1015-1019.	4.4	5
32	Destination exoplanet: Habitability conditions influenced by stellar winds properties. <i>Astronomische Nachrichten</i> , 0, , .	1.2	4
33	Solar H α excess during Solar Cycle 24 from full-disk filtergrams of the Chromospheric Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A107.	5.1	4
34	IMPULSIVITY PARAMETER FOR SOLAR FLARES. <i>Astrophysical Journal</i> , 2016, 818, 56.	4.5	2
35	Simultaneous Kepler/K2 and XMM-Newton observations of superflares in the Pleiades. <i>Astronomische Nachrichten</i> , 2019, 340, 302-307.	1.2	1
36	The Coronal Structure of the Sun-Like Exoplanet-Host GJ 3021. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 282-287.	0.0	0

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37	Line Profile Variations of Solar Analog Stars: Chromospheric Indexes vs. Li Abundance. The Host Star Search.. Proceedings of the International Astronomical Union, 2014, 10, 340-345.	0.0	0
38	(Simulating) Coronal Mass Ejections in Active Stars. Proceedings of the International Astronomical Union, 2019, 15, 407-413.	0.0	0