Ignasi Ribas

List of Publications by Citations

333 papers	13,366 citations	60 h-index	104 g-index
370 ext. papers	15,812 ext. citations	5.1 avg, IF	6.14 L-index

#	Paper	IF	Citations
333	Evolution of the Solar Activity over Time and Effects on Planetary Atmospheres. I. High-Energy Irradiances (1–1700 A). *Astrophysical Journal*, **2005**, 622, 680-694	4.7	582
332	Absolute Dimensions of the M-Type Eclipsing Binary YY Geminorum (Castor C): A Challenge to Evolutionary Models in the Lower Main Sequence. *Astrophysical Journal*, **2002**, 567, 1140-1165	4.7	425
331	Water vapour in the atmosphere of a transiting extrasolar planet. *Nature*, **2007**, 448, 169-71	50.4	394
330	Atmospheric Loss of Exoplanets Resulting from Stellar X-Ray and Extreme-Ultraviolet Heating. *Astrophysical Journal*, **2003**, 598, L121-L124	4.7	394
329	Habitable planets around the star Gliese 581?. *Astronomy and Astrophysics*, **2007**, 476, 1373-1387	5.1	364
328	M stars as targets for terrestrial exoplanet searches and biosignature detection. *Astrobiology*, **2007**, 7, 85-166	3.7	271
327	Estimation of the XUV radiation onto close planets and their evaporation. *Astronomy and Astrophysics*, **2011**, 532, A6	5.1	232
326	Coronal mass ejection (CME) activity of low mass M stars as an important factor for the habitability of terrestrial exoplanets. II. CME-induced ion pick up of Earth-like exoplanets in close-in habitable zones. *Astrobiology*, **2007**, 7, 185-207	3.7	213
325	A correlation between the heavy element content of transiting extrasolar planets and the metallicity of their parent stars. *Astronomy and Astrophysics*, **2006**, 453, L21-L24	5.1	203
324	CoRoT measures solar-like oscillations and granulation in stars hotter than the Sun. *Science*, **2008**, 322, 558-60	33.3	181
323	Coronal mass ejection (CME) activity of low mass M stars as an important factor for the habitability of terrestrial exoplanets. I. CME impact on expected magnetospheres of Earth-like exoplanets in close-in habitable zones. *Astrobiology*, **2007**, 7, 167-84	3.7	179
322	Loss of water from Mars:: Implications for the oxidation of the soil. *Icarus*, **2003**, 165, 9-25	3.8	174
321	The initialfinal mass relationship of white dwarfs revisited: effect on the luminosity function and mass distribution. *Monthly Notices of the Royal Astronomical Society*, **2008**, 387, 1693-1706	4.3	169
320	DUst around NEarby Stars. The survey observational results. *Astronomy and Astrophysics*, **2013**, 555, A11	5.1	161
319	The effect of tidal locking on the magnetospheric and atmospheric evolution of "Hot Jupiters" *Astronomy and Astrophysics*, **2004**, 425, 753-762	5.1	160
318	Water loss from terrestrial planets orbiting ultracool dwarfs: implications for the planets of TRAPPIST-1. *Monthly Notices of the Royal Astronomical Society*, **2017**, 464, 3728-3741	4.3	155
317	A possible black hole in the γ-ray microquasar LS 5039. *Monthly Notices of the Royal Astronomical Society*, **2005**, 364, 899-908	4.3	152

316	THE EVOLUTION OF SOLAR FLUX FROM 0.1 nm TO 160 ﬁm: QUANTITATIVE ESTIMATES FOR PLANETARY STUDIES. *Astrophysical Journal*, **2012**, 757, 95	4.7	150
315	Effective temperature scale and bolometric corrections from 2MASS photometry. *Astronomy and Astrophysics*, **2006**, 450, 735-746	5.1	148
314	A chemical survey of exoplanets with ARIEL. *Experimental Astronomy*, **2018**, 46, 135-209	1.3	148
313	Spectrum radial velocity analyser (SERVAL). *Astronomy and Astrophysics*, **2018**, 609, A12	5.1	147
312	The habitability of Proxima Centauri b. *Astronomy and Astrophysics*, **2016**, 596, A112	5.1	141
311	The habitability of Proxima Centauri b. *Astronomy and Astrophysics*, **2016**, 596, A111	5.1	136
310	GU Bootis: A New 0.6M?Detached Eclipsing Binary. *Astrophysical Journal*, **2005**, 631, 1120-1133	4.7	135
309	ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS. *Astrophysical Journal*, **2009**, 691, 1400-1411	4.7	132
308	THE K2-ESPRINT PROJECT. I. DISCOVERY OF THE DISINTEGRATING ROCKY PLANET K2-22b WITH A COMETARY HEAD AND LEADING TAIL. *Astrophysical Journal*, **2015**, 812, 112	4.7	126
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303	The CARMENES search for exoplanets around M dwarfs. *Astronomy and Astrophysics*, **2018**, 612, A49	5.1	118
302	The effect of activity on stellar temperatures and radii. *Astronomy and Astrophysics*, **2008**, 478, 507-512	5.1	117
301	Ground-based detection of an extended helium atmosphere in the Saturn-mass exoplanet WASP-69b. *Science*, **2018**, 362, 1388-1391	33.3	117
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298	WEIGHING THE NON-TRANSITING HOT JUPITER Boo b. *Astrophysical Journal Letters*, **2012**, 753, L25	7.9	111
297	CARMENES input catalogue of M dwarfs. *Astronomy and Astrophysics*, **2015**, 577, A128	5.1	109
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290	Water in the atmosphere of HD 209458b from 3.6 h IRAC photometric observations in primary transit. *Monthly Notices of the Royal Astronomical Society*, **2010**, 409, 963-974	4.3	88
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279	The CARMENES search for exoplanets around M dwarfs. *Astronomy and Astrophysics*, **2018**, 609, A117	5.1	71
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