Antonio Bello-Garca

List of Publications by Year in Descending Order

24 papers	4,671 citations	10 h-index	24 g-index
24 ext. papers	5,646 ext. citations	4.2 avg, IF	3.16 L-index

#	Paper	IF	Citations
24	The CARMENES search for exoplanets around M dwarfs. *Astronomy and Astrophysics*, **2020**, 642, A22	5.1	10
23	Indicator Proposal for Measuring Regional Political Support for the Electoral Process on Twitter: The Case of Spain 2015 and 2016 General Elections. *IEEE Access*, **2019**, 7, 62545-62560	3.5	3
22	Estimates of the atmospheric parameters of M-type stars: a machine-learning perspective. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 1120-1139	4.3	10
21	Detection of human vital signs in hazardous environments by means of video magnification. *PLoS ONE*, **2018**, 13, e0195290	3.7	6
20	Optimization of steel structures with one genetic algorithm according to three international building codes **2018**, 47-59		5
19	Evaluation of data compression techniques for the inference of stellar atmospheric parameters from high-resolution spectra. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 4556-4571	4.3	3
18	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 605, A79	5.1	64
17	Gaia Data Release 1. *Astronomy and Astrophysics*, **2017**, 601, A19	5.1	71
16	TheGaiamission. *Astronomy and Astrophysics*, **2016**, 595, A1	5.1	2933
15	GaiaData Release 1. *Astronomy and Astrophysics*, **2016**, 595, A2	5.1	1364
14	Validating The Supporting Structure of A Parabolic Solar Collector Using Close Range Photogrammetry. *Photogrammetric Record*, **2013**, 28, 211-226	1.7	4
13	Improved variability classification of CoRoT targets with Giraffe spectra. *Astronomy and Astrophysics*, **2013**, 550, A120	5.1	15
12	A simulation method to estimate closing forces in car-sealing rubber elements. *International Journal of Vehicle Design*, **2012**, 59, 249	2.4	0
11	Estimating intercept factor of a parabolic solar trough collector with new supporting structure using off-the-shelf photogrammetric equipment. *Applied Energy*, **2012**, 92, 815-821	10.7	39
10	Non-linear analysis of the consolidation of an elastic saturated soil with incompressible fluid and variable permeability by FEM. *Applied Mathematics and Computation*, **2010**, 216, 458-476	2.7	7
9	Mathematical modelling and study of the consolidation of an elastic saturated soil with an incompressible fluid by FEM. *Mathematical and Computer Modelling*, **2009**, 49, 2002-2018		1
8	Finite element analysis of the hyper-elastic contact problem in automotive door sealing. *Journal of Non-Crystalline Solids*, **2008**, 354, 5331-5333	3.9	9

7	Finite volume modeling of the non-isothermal flow of a non-Newtonian fluid in a rubber extrusion die. *Journal of Non-Crystalline Solids*, **2008**, 354, 5334-5336	3.9	10
6	Computer simulation of the laminar nozzle flow of a non-Newtonian fluid in a rubber extrusion process by the finite volume method and experimental comparison. *Journal of Non-Crystalline Solids*, **2007**, 353, 981-983	3.9	15
5	Design optimization of 3D steel structures: Genetic algorithms vs. classical techniques. *Journal of Constructional Steel Research*, **2006**, 62, 1303-1309	3.8	48
4	A modified elitist genetic algorithm applied to the design optimization of complex steel structures. *Journal of Constructional Steel Research*, **2005**, 61, 265-280	3.8	36
3	Intelligent methods helping the design of a manufacturing system for die extrusion rubbers. *International Journal of Computer Integrated Manufacturing*, **2003**, 16, 173-180	4.3	12
2	Aprendizaje interactivo mediante programa de análisis estructural avanzado. *Journal of Constructional Steel Research*, **1998**, 46, 273-274	3.8	4
1	Metallicities in M dwarfs: Investigating different determination techniques. *Astronomy and Astrophysics*,	5.1	2