

# Marco Alvarez

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28  
papers

11,457  
citations

17  
h-index

29  
g-index

29  
ext. papers

14,765  
ext. citations

4.2  
avg, IF

3.56  
L-index

#	Paper	IF	Citations
28	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A1	5.1	4787
27	TheGaiamission. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A1	5.1	2933
26	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A2	5.1	1364
25	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A1	5.1	776
24	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A10	5.1	438
23	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A12	5.1	384
22	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A11	5.1	237
21	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A14	5.1	100
20	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A19	5.1	71
19	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A79	5.1	64
18	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 623, A110	5.1	62
17	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A6	5.1	61
16	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A13	5.1	56
15	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 650, C3	5.1	36
14	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A7	5.1	25
13	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A9	5.1	19
12	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A8	5.1	18

11	On the estimation of stellar parameters with uncertainty prediction from Generative Artificial Neural Networks: application to GaiaRVS simulated spectra. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A68	5.1	9
10	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, C1	5.1	5
9	The AMBRE Project: Origin and evolution of sulfur in the Milky Way. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 647, A162	5.1	4
8	Distributed Fast Self-Organized Maps for Massive Spectrophotometric Data Analysis. <i>Sensors</i> , <b>2018</b> , 18,	3.8	3
7	A distributed learning algorithm for Self-Organizing Maps intended for outlier analysis in the GAIA ESA mission		2
6	Analysis and Knowledge Discovery by Means of Self-Organizing Maps for Gaia Data Releases. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 137-144	0.9	1
5	Network Data Flow Clustering based on Unsupervised Learning <b>2019</b> ,		1
4	GUASOM: an adaptive visualization tool for unsupervised clustering in spectrophotometric astronomical surveys. <i>Neural Computing and Applications</i> , 1	4.8	1
3	Gaia and the Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , <b>2016</b> , 12, 305-308	0.1	
2	Distributed Unsupervised Clustering for Outlier Analysis in the Biggest Milky Way Survey: ESA Gaia Mission. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 840-852	0.9	
1	GUASOM: Gaia Utility for Analysis and Knowledge Discovery based on Self Organizing Maps. <i>EAS Publications Series</i> , <b>2014</b> , 67-68, 373-373	0.2	