

Marco Alvarez

List of Publications by Year in Descending Order

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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	The AMBRE Project: Origin and evolution of sulfur in the Milky Way. <i>Astronomy and Astrophysics</i> , 2021 , 647, A162	5.1	4
27	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A6	5.1	61
26	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A9	5.1	19
25	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A8	5.1	18
24	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A7	5.1	25
23	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A1	5.1	776
22	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 650, C3	5.1	36
21	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2020 , 642, C1	5.1	5
20	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A110	5.1	62
19	Network Data Flow Clustering based on Unsupervised Learning 2019 ,		1
18	Distributed Fast Self-Organized Maps for Massive Spectrophotometric Data Analysis. <i>Sensors</i> , 2018 , 18,	3.8	3
17	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A10	5.1	438
16	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A1	5.1	4787
15	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A12	5.1	384
14	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A11	5.1	237
13	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A13	5.1	56
12	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A14	5.1	100

11	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79	5.1	64
10	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19	5.1	71
9	Distributed Unsupervised Clustering for Outlier Analysis in the Biggest Milky Way Survey: ESA Gaia Mission. <i>Lecture Notes in Computer Science</i> , 2017 , 840-852	0.9	
8	On the estimation of stellar parameters with uncertainty prediction from Generative Artificial Neural Networks: application to GaiaRVS simulated spectra. <i>Astronomy and Astrophysics</i> , 2016 , 594, A68	5.1	9
7	Gaia and the Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , 2016 , 12, 305-308	0.1	
6	Analysis and Knowledge Discovery by Means of Self-Organizing Maps for Gaia Data Releases. <i>Lecture Notes in Computer Science</i> , 2016 , 137-144	0.9	1
5	The Gaia mission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1	5.1	2933
4	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2	5.1	1364
3	GUASOM: Gaia Utility for Analysis and Knowledge Discovery based on Self Organizing Maps. <i>EAS Publications Series</i> , 2014 , 67-68, 373-373	0.2	
2	A distributed learning algorithm for Self-Organizing Maps intended for outlier analysis in the GAIA ESA mission		2
1	GUASOM: an adaptive visualization tool for unsupervised clustering in spectrophotometric astronomical surveys. <i>Neural Computing and Applications</i> , 1	4.8	1