

# Marco A Álvarez

## List of Publications by Year in descending order

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29  
papers

17,373  
citations

471371

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29  
docs citations

29  
times ranked

11067  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	2.1	6,364
2	The<i>Gaia</i>mission. Astronomy and Astrophysics, 2016, 595, A1.	2.1	4,509
3	<i>Gaia</i>Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A1.	2.1	2,429
4	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2016, 595, A2.	2.1	1,590
5	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	2.1	638
6	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A12.	2.1	491
7	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A11.	2.1	323
8	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A6.	2.1	175
9	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A14.	2.1	140
10	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 650, C3.	2.1	137
11	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2019, 623, A110.	2.1	101
12	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A7.	2.1	84
13	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A13.	2.1	78
14	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	2.1	78
15	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	2.1	77
16	<i>Gaia</i>Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A8.	2.1	60
17	<i>Gaia</i>Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A9.	2.1	55
18	On the estimation of stellar parameters with uncertainty prediction from Generative Artificial Neural Networks: application to<i>Gaia</i>RVS simulated spectra. Astronomy and Astrophysics, 2016, 594, A68.	2.1	15

#	ARTICLE	IF	CITATIONS
19	The AMBRE Project: Origin and evolution of sulfur in the Milky Way. <i>Astronomy and Astrophysics</i> , 2021, 647, A162.	2.1	11
20	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1.	2.1	6
21	Distributed Fast Self-Organized Maps for Massive Spectrophotometric Data Analysis. <i>Sensors</i> , 2018, 18, 1419.	2.1	3
22	GUASOM: an adaptive visualization tool for unsupervised clustering in spectrophotometric astronomical surveys. <i>Neural Computing and Applications</i> , 0, , 1.	3.2	3
23	A distributed learning algorithm for Self-Organizing Maps intended for outlier analysis in the GAIA “ESA mission.”, 0, , .		3
24	Network Data Flow Clustering based on Unsupervised Learning. , 2019, , .		1
25	Analysis and Knowledge Discovery by Means of Self-Organizing Maps for Gaia Data Releases. <i>Lecture Notes in Computer Science</i> , 2016, , 137-144.	1.0	1
26	Identification of new hot subdwarf binary systems by means of Virtual Observatory tools. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4239-4245.	1.6	1
27	Gaia and the Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 305-308.	0.0	0
28	GUASOM: Gaia Utility for Analysis and Knowledge Discovery based on Self Organizing Maps. <i>EAS Publications Series</i> , 2014, 67-68, 373-373.	0.3	0
29	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.	1.0	0