

Eduard Masana

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.

46
papers

11,994
citations

22
h-index

55
g-index

55
ext. papers

15,286
ext. citations

3.6
avg, IF

4.09
L-index

#	Paper	IF	Citations
46	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A1	5.1	4787
45	TheGaiamission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1	5.1	2933
44	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2	5.1	1364
43	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A1	5.1	776
42	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A10	5.1	438
41	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A12	5.1	384
40	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A11	5.1	237
39	Effective temperature scale and bolometric corrections from 2MASS photometry. <i>Astronomy and Astrophysics</i> , 2006 , 450, 735-746	5.1	148
38	GaiaUniverse model snapshot. <i>Astronomy and Astrophysics</i> , 2012 , 543, A100	5.1	136
37	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A14	5.1	100
36	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19	5.1	71
35	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79	5.1	64
34	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A110	5.1	62
33	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A6	5.1	61
32	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A13	5.1	56
31	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 599, A32	5.1	41
30	TheGaiaspectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 1767-1781	4.3	39

29	Overview and stellar statistics of the expected Gaia Catalogue using the Gaia Object Generator. <i>Astronomy and Astrophysics</i> , 2014 , 566, A119	5.1	32
28	Direct geological evidence for prior earthquakes on the 1981 Corinth Fault (central Greece). <i>Geophysical Research Letters</i> , 1996 , 23, 3795-3798	4.9	28
27	Effective temperatures and radii of planet-hosting stars from IR photometry. <i>Astronomy and Astrophysics</i> , 2003 , 411, L501-L504	5.1	26
26	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A7	5.1	25
25	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A15	5.1	24
24	Titania's radius and an upper limit on its atmosphere from the September 8, 2001 stellar occultation. <i>Icarus</i> , 2009 , 199, 458-476	3.8	22
23	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A8	5.1	18
22	Light pollution offshore: Zenithal sky glow measurements in the mediterranean coastal waters. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018 , 210, 91-100	2.1	15
21	CP2 stars as viewed by the H_{β} system. <i>Astronomy and Astrophysics</i> , 1998 , 128, 265-275		13
20	An updated maximum likelihood approach to open cluster distance determination. <i>Astronomy and Astrophysics</i> , 2014 , 564, A49	5.1	12
19	H_{β} CCD photometry of NGC 1817 and NGC 1807. <i>Astronomy and Astrophysics</i> , 2004 , 426, 827-834	5.1	12
18	A multiband map of the natural night sky brightness including Gaia and Hipparcos integrated starlight. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 5443-5456	4.3	12
17	The Gaia spectrophotometric standard stars survey: II. Instrumental effects of six ground-based observing campaigns. <i>Astronomische Nachrichten</i> , 2015 , 336, 515-529	0.7	11
16	Clusterix 2.0: a virtual observatory tool to estimate cluster membership probability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5811-5843	4.3	10
15	An analysis of the currently available calibrations in Strömgren photometry by using open clusters. <i>Astronomy and Astrophysics</i> , 1997 , 123, 83-92		9
14	Modelling the night sky brightness and light pollution sources of Montsec protected area. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018 , 217, 178-188	2.1	6
13	Building the cosmic distance scale: from Hipparcos to Gaia. <i>Astrophysics and Space Science</i> , 2012 , 341, 15-29	1.6	6
12	The Gaia Simulator: Design and Results. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010 , 515-515.3		4

11	The Gaia spectrophotometric standard stars survey IV. Results of the absolute photometry campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 2848-2861	4.3	4
10	RGB photometric calibration of 15 million Gaia stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 318-329	4.3	2
9	Simulating Gaia observations and on-ground reconstruction. <i>Proceedings of the International Astronomical Union</i> , 2007 , 3, 278-279	0.1	1
8	Night sky brightness simulation over Montsec protected area. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020 , 249, 106990	2.1	1
7	Estimating linear radiance indicators from the zenith night-sky brightness: on the Posch ratio for natural and light-polluted skies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2125-2134 ^{4.3}		0
6	Astrostatistics for luminosity calibration in the Gaia era. <i>EAS Publications Series</i> , 2014 , 67-68, 271-274	0.2	
5	Stellar parameters through high precision parallaxes. <i>Proceedings of the International Astronomical Union</i> , 2007 , 3, 500-501	0.1	
4	Effective temperatures and surface gravities of early type stars. <i>Space Science Reviews</i> , 1994 , 66, 203-206.5		
3	GAIA: A Six-Dimensional View of Our Galaxy 2001 , 349-352		
2	Luminosity and Kinematic Calibration of FGK Stars Using a Maximum Likelihood Method 2001 , 217-220		
1	A Prototype of the GAIA Data Base 2003 , 449-452		