

# Eduard Masana

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

17,900  
citations

257101

24  
h-index

276539

41  
g-index

55  
all docs

55  
docs citations

55  
times ranked

11239  
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	Effective temperature scale and bolometric corrections from 2MASS photometry. Astronomy and Astrophysics, 2006, 450, 735-746.	2.1	169
10	<i>Gaia</i>Universe model snapshot. Astronomy and Astrophysics, 2012, 543, A100.	2.1	159
11	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A14.	2.1	140
12	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2019, 623, A110.	2.1	101
13	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A7.	2.1	84
14	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A13.	2.1	78
15	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	2.1	78
16	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	2.1	77
17	<i>Gaia</i>Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A8.	2.1	60
18	The<i>Gaia</i>spectrophotometric standard stars survey - I. Preliminary results. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1767-1781.	1.6	47

#	ARTICLE	IF	CITATIONS
19	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A32.	2.1	47
20	Overview and stellar statistics of the expected <i>Gaia</i> Catalogue using the <i>Gaia</i> Object Generator. <i>Astronomy and Astrophysics</i> , 2014, 566, A119.	2.1	39
21	Direct geological evidence for prior earthquakes on the 1981 Corinth Fault (central Greece). <i>Geophysical Research Letters</i> , 1996, 23, 3795-3798.	1.5	31
22	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A15.	2.1	31
23	Titania's radius and an upper limit on its atmosphere from the September 8, 2001 stellar occultation. <i>Icarus</i> , 2009, 199, 458-476.	1.1	26
24	Effective temperatures and radii of planet-hosting stars from IR photometry. <i>Astronomy and Astrophysics</i> , 2003, 411, L501-L504.	2.1	26
25	A multiband map of the natural night sky brightness including <i>Gaia</i> and <i>Hipparcos</i> integrated starlight. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5443-5456.	1.6	26
26	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.	1.1	23
27	The <i>Gaia</i> spectrophotometric standard stars survey: II. Instrumental effects of six ground-based observing campaigns. <i>Astronomische Nachrichten</i> , 2015, 336, 515-529.	0.6	19
28	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.	1.6	14
29	CP2 stars as viewed by the $uvby, H_{\eta}$ system. <i>Astronomy and Astrophysics</i> , 1998, 128, 265-275.	2.1	14
30	An updated maximum likelihood approach to open cluster distance determination. <i>Astronomy and Astrophysics</i> , 2014, 564, A49.	2.1	12
31	$uvby-H_{\eta}$ CCD photometry of NGC 1817 and NGC 1807. <i>Astronomy and Astrophysics</i> , 2004, 426, 827-834.	2.1	12
32	The <i>Gaia</i> spectrophotometric standard stars survey – IV. Results of the absolute photometry campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2848-2861.	1.6	11
33	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.	1.1	10
34	An analysis of the currently available calibrations in StrÅmrgren photometry by using open clusters. <i>Astronomy and Astrophysics</i> , 1997, 123, 83-92.	2.1	10
35	Night sky brightness simulation over Montsec protected area. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 249, 106990.	1.1	9
36	Building the cosmic distance scale: from Hipparcos to Gaia. <i>Astrophysics and Space Science</i> , 2012, 341, 15-29.	0.5	7

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37	OCCASO IV. Radial velocities and open cluster kinematics. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	5
38	RGB photometric calibration of 15 million Gaia stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 318-329.	1.6	4
39	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.	1.6	4
40	The Gaia Object Generator (GOG). <i>EAS Publications Series</i> , 2014, 67-68, 355-355.	0.3	2
41	Simulating Gaia observations and on-ground reconstruction. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 278-279.	0.0	1
42	Effective temperatures and surface gravities of early type stars. <i>Space Science Reviews</i> , 1994, 66, 203-206.	3.7	0
43	Simulation of the GAIA Mission Using Java and UML. , 0, , 218-220.		0
44	Broadcasting astronomical events at the Internet Age. <i>EAS Publications Series</i> , 2005, 16, 121-124.	0.3	0
45	Public Activities around the Transit of Venus. <i>EAS Publications Series</i> , 2005, 16, 233-239.	0.3	0
46	Stellar parameters through high precision parallaxes. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 500-501.	0.0	0
47	Astrostatistics for luminosity calibration in the Gaia era. <i>EAS Publications Series</i> , 2014, 67-68, 271-274.	0.3	0
48	Luminosity and Kinematic Calibration of FGK Stars Using a Maximum Likelihood Method. , 2001, , 217-220.		0
49	Overview of GAIA Data Reduction. <i>EAS Publications Series</i> , 2002, 2, 55-61.	0.3	0
50	A Prototype of the GAIA Data Base. , 2003, , 449-452.		0
51	Preparation of the Gaia Data Processing: First Astrometric Results. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 511-511.	0.3	0