

Eduard Masana

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.

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	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
45	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
44	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
43	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A6	5.1	61
42	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A8	5.1	18
41	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A7	5.1	25
40	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A1	5.1	776
39	RGB photometric calibration of 15 million Gaia stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 318-329	4.3	2
38	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
37	Night sky brightness simulation over Montsec protected area. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020 , 249, 106990	2.1	1
36	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A110	5.1	62
35	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
34	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A10	5.1	438
33	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A1	5.1	4787
32	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
31	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A12	5.1	384
30	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A11	5.1	237

29	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A15	5.1	24
28	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A13	5.1	56
27	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A14	5.1	100
26	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 599, A32	5.1	41
25	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79	5.1	64
24	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19	5.1	71
23	TheGaia mission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1	5.1	2933
22	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2	5.1	1364
21	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
20	An updated maximum likelihood approach to open cluster distance determination. <i>Astronomy and Astrophysics</i> , 2014 , 564, A49	5.1	12
19	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
18	Astrostatistics for luminosity calibration in the Gaia era. <i>EAS Publications Series</i> , 2014 , 67-68, 271-274	0.2	
17	Building the cosmic distance scale: from Hipparcos to Gaia. <i>Astrophysics and Space Science</i> , 2012 , 341, 15-29	1.6	6
16	The Gaia spectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 1767-1781	4.3	39
15	Gaia Universe model snapshot. <i>Astronomy and Astrophysics</i> , 2012 , 543, A100	5.1	136
14	The Gaia Simulator: Design and Results. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010 , 515-515	0.3	4
13	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
12	Simulating Gaia observations and on-ground reconstruction. <i>Proceedings of the International Astronomical Union</i> , 2007 , 3, 278-279	0.1	1

- 11 Stellar parameters through high precision parallaxes. *Proceedings of the International Astronomical Union*, **2007**, 3, 500-501 0.1
- 10 Effective temperature scale and bolometric corrections from 2MASS photometry. *Astronomy and Astrophysics*, **2006**, 450, 735-746 5.1 148
- 9 uvby β CCD photometry of NGC 1817 and NGC 1807. *Astronomy and Astrophysics*, **2004**, 426, 827-834 5.1 12
- 8 A Prototype of the GAIA Data Base **2003**, 449-452
- 7 Effective temperatures and radii of planet-hosting stars from IR photometry. *Astronomy and Astrophysics*, **2003**, 411, L501-L504 5.1 26
- 6 GAIA: A Six-Dimensional View of Our Galaxy **2001**, 349-352
- 5 Luminosity and Kinematic Calibration of FGK Stars Using a Maximum Likelihood Method **2001**, 217-220
- 4 CP2 stars as viewed by the uvby, H_{β} system. *Astronomy and Astrophysics*, **1998**, 128, 265-275 13
- 3 An analysis of the currently available calibrations in Strömgren photometry by using open clusters. *Astronomy and Astrophysics*, **1997**, 123, 83-92 9
- 2 Direct geological evidence for prior earthquakes on the 1981 Corinth Fault (central Greece). *Geophysical Research Letters*, **1996**, 23, 3795-3798 4.9 28
- 1 Effective temperatures and surface gravities of early type stars. *Space Science Reviews*, **1994**, 66, 203-206.5