

Josep Manel Carrasco

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

55
papers

13,091
citations

28
h-index

60
g-index

60
ext. papers

16,820
ext. citations

4.2
avg, IF

4.45
L-index

#	Paper	IF	Citations
55	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
54	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
53	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A6	5.1	61
52	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A9	5.1	19
51	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A5	5.1	90
50	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A8	5.1	18
49	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A3	5.1	119
48	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A7	5.1	25
47	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A1	5.1	776
46	RGB photometric calibration of 15 million Gaia stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 318-329	4.3	2
45	The Gaia spectrophotometric standard stars survey IV. Preliminary flux tables for the calibration of Gaia DR2 and (E)DR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 3660-3676	4.3	2
44	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 652, A76	5.1	10
43	Internal calibration of Gaia BP/RP low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2021 , 652, A86	5.1	2
42	Full orbital solution for the binary system in the northern Galactic disc microlensing event Gaia16aye. <i>Astronomy and Astrophysics</i> , 2020 , 633, A98	5.1	11
41	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2020 , 637, C3	5.1	4
40	Gaia 18dvy: A New FUor in the Cygnus OB3 Association. <i>Astrophysical Journal</i> , 2020 , 899, 130	4.7	13
39	Full 5D characterisation of the Sagittarius stream with Gaia DR2 RR Lyrae (Corrigendum). <i>Astronomy and Astrophysics</i> , 2020 , 640, C5	5.1	0

38	Full 5D characterisation of the Sagittarius stream with Gaia DR2 RR Lyrae. <i>Astronomy and Astrophysics</i> , 2020 , 638, A104	5.1	24
37	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2020 , 642, C1	5.1	5
36	Spectrophotometric calibration of low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2020 , 637, A85	5.1	4
35	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A110	5.1	62
34	J-PLUS: The Javalambre Photometric Local Universe Survey. <i>Astronomy and Astrophysics</i> , 2019 , 622, A176	5.1	59
33	J-PLUS: photometric calibration of large-area multi-filter surveys with stellar and white dwarf loci. <i>Astronomy and Astrophysics</i> , 2019 , 631, A119	5.1	14
32	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A10	5.1	438
31	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A1	5.1	4787
30	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A12	5.1	384
29	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A3	5.1	102
28	Passband reconstruction from photometry. <i>Proceedings of the International Astronomical Union</i> , 2018 , 14, 472-479	0.1	
27	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A11	5.1	237
26	Passband reconstruction from photometry. <i>Astronomy and Astrophysics</i> , 2018 , 615, A24	5.1	9
25	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A4	5.1	434
24	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A13	5.1	56
23	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A14	5.1	100
22	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 599, A32	5.1	41
21	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 599, A50	5.1	75

20	Gaia16apd link between fast and slowly declining type I superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 1246-1258	4.3	33
19	Gaia Photometric Data: DR1 results and DR2 expectations. <i>Proceedings of the International Astronomical Union</i> , 2017 , 12, 30-34	0.1	
18	Gaia, an all sky astrometric and photometric survey. <i>Journal of Instrumentation</i> , 2017 , 12, C04005-C04005		
17	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 600, A51	5.1	18
16	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79	5.1	64
15	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19	5.1	71
14	TheGaiaspectrophotometric standard stars survey III. Short-term variability monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 3616-3627	4.3	14
13	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A7	5.1	51
12	TheGaiamission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1	5.1	2933
11	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A3	5.1	73
10	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2	5.1	1364
9	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
8	Overview and stellar statistics of the expectedGaiaCatalogue using theGaiaObject Generator. <i>Astronomy and Astrophysics</i> , 2014 , 566, A119	5.1	32
7	Gaia on-board metrology: basic angle and best focus 2014 ,		5
6	Gaiaphotometry for white dwarfs. <i>Astronomy and Astrophysics</i> , 2014 , 565, A11	5.1	40
5	TheGaiaspectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 1767-1781	4.3	39
4	Gaiabroad band photometry. <i>Astronomy and Astrophysics</i> , 2010 , 523, A48	5.1	305
3	Spectrophotometry with Gaia. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010 , 147-154	0.3	1

- 2 Stellar parameters through high precision parallaxes. *Proceedings of the International Astronomical Union*, **2007**, 3, 500-501 0.1
- 1 The design and performance of the Gaia photometric system. *Monthly Notices of the Royal Astronomical Society*, **2006**, 367, 290-314 4.3 34