

Josep Manel Carrasco

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

19,906
citations

109321

35
h-index

161849

54
g-index

60
all docs

60
docs citations

60
times ranked

11263
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | J-PLUS: Spectral evolution of white dwarfs by PDF analysis. <i>Astronomy and Astrophysics</i> , 2022, 658, A79. | 5.1 | 17 |
| 2 | The <i>Gaia</i> spectrophotometric standard stars survey â€“ V. Preliminary flux tables for the calibration of <i>Gaia</i> DR2 and (E)DR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3660-3676. | 4.4 | 12 |
| 3 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A6. | 5.1 | 175 |
| 4 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A9. | 5.1 | 55 |
| 5 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A5. | 5.1 | 246 |
| 6 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A8. | 5.1 | 60 |
| 7 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A3. | 5.1 | 421 |
| 8 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A7. | 5.1 | 84 |
| 9 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A1. | 5.1 | 2,429 |
| 10 | RGB photometric calibration of 15 million Gaia stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 318-329. | 4.4 | 4 |
| 11 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 652, A76. | 5.1 | 54 |
| 12 | Internal calibration of <i>Gaia</i> BP/RP low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2021, 652, A86. | 5.1 | 47 |
| 13 | The <i>Gaia</i> spectrophotometric standard stars survey â€“ IV. Results of the absolute photometry campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2848-2861. | 4.4 | 11 |
| 14 | 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. | 4.4 | 26 |
| 15 | Spectrophotometric calibration of low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2020, 637, A85. | 5.1 | 6 |
| 16 | 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 | 19 |
| 17 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 637, C3. | 5.1 | 4 |
| 18 | Full 5D characterisation of the Sagittarius stream with <i>Gaia</i> DR2 RR Lyrae. <i>Astronomy and Astrophysics</i> , 2020, 638, A104. | 5.1 | 41 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1. | 5.1 | 6 |
| 20 | Gaia 18dvy: A New FUor in the Cygnus OB3 Association. <i>Astrophysical Journal</i> , 2020, 899, 130. | 4.5 | 30 |
| 21 | Full 5D characterisation of the Sagittarius stream with <i>Gaia</i> DR2 RR Lyrae<i> (Corrigendum)</i>. <i>Astronomy and Astrophysics</i> , 2020, 640, C5. | 5.1 | 2 |
| 22 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2019, 623, A110. | 5.1 | 101 |
| 23 | J-PLUS: The Javalambre Photometric Local Universe Survey. <i>Astronomy and Astrophysics</i> , 2019, 622, A176. | 5.1 | 124 |
| 24 | 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 | 36 |
| 25 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A3. | 5.1 | 124 |
| 26 | Passband reconstruction from photometry. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 472-479. | 0.0 | 1 |
| 27 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A11. | 5.1 | 323 |
| 28 | Passband reconstruction from photometry. <i>Astronomy and Astrophysics</i> , 2018, 615, A24. | 5.1 | 9 |
| 29 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A4. | 5.1 | 556 |
| 30 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A13. | 5.1 | 78 |
| 31 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A14. | 5.1 | 140 |
| 32 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A10. | 5.1 | 638 |
| 33 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A1. | 5.1 | 6,364 |
| 34 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A12. | 5.1 | 491 |
| 35 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A32. | 5.1 | 47 |
| 36 | Gaia Photometric Data: DR1 results and DR2 expectations. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 30-34. | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Gaia, an all sky astrometric and photometric survey. <i>Journal of Instrumentation</i> , 2017, 12, C04005-C04005. | 1.2 | 0 |
| 38 | Gaia Data Release 1 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2017, 601, C1. | 5.1 | 1 |
| 39 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A50. | 5.1 | 84 |
| 40 | Gaia16apd â€“ a link between fast and slowly declining type I superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1246-1258. | 4.4 | 39 |
| 41 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 600, A51. | 5.1 | 21 |
| 42 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 605, A79. | 5.1 | 78 |
| 43 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19. | 5.1 | 77 |
| 44 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A7. | 5.1 | 59 |
| 45 | The <i>Gaia</i> mission. <i>Astronomy and Astrophysics</i> , 2016, 595, A1. | 5.1 | 4,509 |
| 46 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A3. | 5.1 | 85 |
| 47 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A2. | 5.1 | 1,590 |
| 48 | The <i>Gaia</i> spectrophotometric standard stars survey â€“ III. Short-term variability monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3616-3627. | 4.4 | 24 |
| 49 | The Gaia spectrophotometric standard stars survey: II. Instrumental effects of six groundâ€based observing campaigns. <i>Astronomische Nachrichten</i> , 2015, 336, 515-529. | 1.2 | 19 |
| 50 | Characterisation of the Gaia photometry. <i>EAS Publications Series</i> , 2014, 67-68, 359-359. | 0.3 | 0 |
| 51 | 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. | 5.1 | 39 |
| 52 | Gaia on-board metrology: basic angle and best focus. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 6 |
| 53 | <i>Gaia</i> photometry for white dwarfs. <i>Astronomy and Astrophysics</i> , 2014, 565, A11. | 5.1 | 45 |
| 54 | The <i>Gaia</i> spectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1767-1781. | 4.4 | 47 |

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|----|---|-----|-----------|
| 55 | <i>Gaia</i> broad band photometry. <i>Astronomy and Astrophysics</i> , 2010, 523, A48. | 5.1 | 359 |
| 56 | Spectrophotometry with Gaia. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 147-154. | 0.3 | 1 |
| 57 | Calibration Model for Gaia Photometry and Spectrophotometry. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 385-385. | 0.3 | 0 |
| 58 | Stellar parameters through high precision parallaxes. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 500-501. | 0.0 | 0 |
| 59 | The design and performance of the Gaia photometric system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 290-314. | 4.4 | 42 |
| 60 | Broadcasting astronomical events at the Internet Age. <i>EAS Publications Series</i> , 2005, 16, 121-124. | 0.3 | 0 |