

Lola Balaguer-NÃÃ±ez

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

22,233
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87888

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61
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all docs

69
docs citations

69
times ranked

11291
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | NGC 1605 is not a Binary Cluster. <i>Research Notes of the AAS</i> , 2022, 6, 58. | 0.7 | 3 |
| 2 | The <i>Gaia</i> -ESO Survey: Target selection of open cluster stars. <i>Astronomy and Astrophysics</i> , 2022, 659, A200. | 5.1 | 19 |
| 3 | One Star to Tag Them All (OSTTA). <i>Astronomy and Astrophysics</i> , 2022, 663, A148. | 5.1 | 6 |
| 4 | Astronomy organizations should lead in our battle against the climate crisis. <i>Nature Astronomy</i> , 2022, 6, 764-764. | 10.1 | 2 |
| 5 | 3D kinematics and age distribution of the open cluster population. <i>Astronomy and Astrophysics</i> , 2021, 647, A19. | 5.1 | 63 |
| 6 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A6. | 5.1 | 175 |
| 7 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A9. | 5.1 | 55 |
| 8 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A2. | 5.1 | 647 |
| 9 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A8. | 5.1 | 60 |
| 10 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A7. | 5.1 | 84 |
| 11 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A1. | 5.1 | 2,429 |
| 12 | Abundance-age relations with red clump stars in open clusters. <i>Astronomy and Astrophysics</i> , 2021, 652, A25. | 5.1 | 34 |
| 13 | The star cluster age function in the Galactic disc with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2021, 645, L2. | 5.1 | 19 |
| 14 | Hunting for open clusters in <i>Gaia</i> DR2: 582 new open clusters in the Galactic disc. <i>Astronomy and Astrophysics</i> , 2020, 635, A45. | 5.1 | 139 |
| 15 | 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. | 4.4 | 14 |
| 16 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1. | 5.1 | 6 |
| 17 | Extended halo of NGC 2682 (M 67) from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 627, A119. | 5.1 | 37 |
| 18 | Hunting for open clusters in <i>Gaia</i> DR2: the Galactic anticentre. <i>Astronomy and Astrophysics</i> , 2019, 627, A35. | 5.1 | 94 |

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|----|--|-----|-----------|
| 19 | OCCASO â€œ III. Iron peak and Î± elements of 18 open clusters. Comparison with chemical evolution models and field stars. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1821-1842. | 4.4 | 29 |
| 20 | Expanding associations in the Vela-Puppis region. Astronomy and Astrophysics, 2019, 626, A17. | 5.1 | 62 |
| 21 | <i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2019, 623, A110. | 5.1 | 101 |
| 22 | Open clusters in APOGEE and GALAH. Astronomy and Astrophysics, 2019, 623, A80. | 5.1 | 59 |
| 23 | A ring in a shell: the large-scale 6D structure of the Vela OB2 complex. Astronomy and Astrophysics, 2019, 621, A115. | 5.1 | 39 |
| 24 | Age determination for 269 <i>Gaia</i> DR2 open clusters. Astronomy and Astrophysics, 2019, 623, A108. | 5.1 | 167 |
| 25 | Open cluster kinematics with <i>Gaia</i> DR2â€†<i>(Corrigendum)</i>. Astronomy and Astrophysics, 2019, 623, C2. | 5.1 | 9 |
| 26 | <i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A11. | 5.1 | 323 |
| 27 | Open cluster kinematics with <i>Gaia</i> DR2. Astronomy and Astrophysics, 2018, 619, A155. | 5.1 | 128 |
| 28 | NGC 6705 a young Î±-enhanced open cluster from OCCASO data. Astronomy and Astrophysics, 2018, 610, A66. | 5.1 | 18 |
| 29 | A new method for unveiling open clusters in <i>Gaia</i>. Astronomy and Astrophysics, 2018, 618, A59. | 5.1 | 136 |
| 30 | A <i>Gaia</i> DR2 view of the open cluster population in the Milky Way. Astronomy and Astrophysics, 2018, 618, A93. | 5.1 | 509 |
| 31 | <i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A4. | 5.1 | 556 |
| 32 | <i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A13. | 5.1 | 78 |
| 33 | <i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A14. | 5.1 | 140 |
| 34 | <i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A2. | 5.1 | 1,576 |
| 35 | Characterising open clusters in the solar neighbourhood with the <i>Tycho-Gaia</i> Astrometric Solution. Astronomy and Astrophysics, 2018, 615, A49. | 5.1 | 55 |
| 36 | <i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A10. | 5.1 | 638 |

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|----|---|-----|-----------|
| 37 | Discovery of Extended Main Sequence Turnoffs in Galactic Open Clusters. <i>Astrophysical Journal Letters</i> , 2018, 863, L33. | 8.3 | 60 |
| 38 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A1. | 5.1 | 6,364 |
| 39 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A12. | 5.1 | 491 |
| 40 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A32. | 5.1 | 47 |
| 41 | OCCASO â€“ II. Physical parameters and Fe abundances of red clump stars in 18 open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4363-4381. | 4.4 | 39 |
| 42 | The open cluster King 1 in the second quadrant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4285-4297. | 4.4 | 8 |
| 43 | Chemical and dynamical analysis of Open Clusters from OCCASO data. The case of NGC 6705. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 124-127. | 0.0 | 0 |
| 44 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 605, A79. | 5.1 | 78 |
| 45 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19. | 5.1 | 77 |
| 46 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A7. | 5.1 | 59 |
| 47 | The <i>Gaia</i> mission. <i>Astronomy and Astrophysics</i> , 2016, 595, A1. | 5.1 | 4,509 |
| 48 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A2. | 5.1 | 1,590 |
| 49 | The OCCASO survey: presentation and radial velocities of 12 Milky Way open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3150-3167. | 4.4 | 38 |
| 50 | Radial velocities and metallicities from infrared Caâ€“ii triplet spectroscopy of open clusters. <i>Astronomy and Astrophysics</i> , 2015, 578, A27. | 5.1 | 7 |
| 51 | The OCCASO Survey: Open Clusters Chemical Abundances from Spanish Observatories. <i>EAS Publications Series</i> , 2014, 67-68, 361-361. | 0.3 | 1 |
| 52 | The <i>Gaia</i>-ESO Survey: Stellar content and elemental abundances in the massive cluster NGCâ€“6705. <i>Astronomy and Astrophysics</i> , 2014, 569, A17. | 5.1 | 61 |
| 53 | PREFACE: The Milky Way Unravalled by Gaia: GREAT Science from the Gaia Data Releases. <i>EAS Publications Series</i> , 2014, 67-68, 1-3. | 0.3 | 1 |
| 54 | Stellar distribution in the star-forming region Gamma Velorum. <i>EAS Publications Series</i> , 2014, 67-68, 151-154. | 0.3 | 0 |

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|----|---|-----|-----------|
| 55 | The <i>Gaia</i> spectrophotometric standard stars survey - I. Preliminary results. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1767-1781. | 4.4 | 47 |
| 56 | CoRoT 102931335: a candidate $\hat{\Gamma}^3$ Dor in an eclipsing binary. Astrophysics and Space Science, 2010, 328, 91-96. | 1.4 | 12 |
| 57 | Spectroscopy of Pre-CV Candidates in the Open Cluster M 67. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 373-373. | 0.3 | 0 |
| 58 | CoRoT 102931335: a candidate $\hat{\Gamma}^3$ Dor in an eclipsing binary. , 2010, , 89-94. | | 0 |
| 59 | CoRoT's view of newly discovered B-star pulsators: results for 358 candidate B pulsators from the initial run's exoplanet field data. Astronomy and Astrophysics, 2009, 506, 471-489. | 5.1 | 65 |
| 60 | The asteroseismic ground-based observational counterpart of CoRoT. , 2009, , . | | 4 |
| 61 | The Domain of $\hat{\Gamma}^1$ Scuti Stars: First CoRoT IRa01 Results. , 2009, , . | | 0 |
| 62 | uvby \hat{H}_{η} CCD photometry and membership segregation of the open cluster NGC 2682 (M 67). Astronomy and Astrophysics, 2007, 470, 585-596. | 5.1 | 24 |
| 63 | uvby \hat{H}_{η} CCD photometry and membership segregation of the open cluster NGC 2548; gaps in the Main Sequence of open clusters. Astronomy and Astrophysics, 2005, 437, 457-466. | 5.1 | 12 |
| 64 | New membership determination and proper motions of NGC 1817. Parametric and non-parametric approach. Astronomy and Astrophysics, 2004, 426, 819-826. | 5.1 | 28 |
| 65 | uvby \hat{H}_{η} CCD photometry of NGC 1817 and NGC 1807. Astronomy and Astrophysics, 2004, 426, 827-834. | 5.1 | 12 |
| 66 | Photometry of the Galactic Open Clusters: NGC 2548 and NGC 1817. , 2003, , 464-464. | | 0 |
| 67 | Determination of proper motions and membership of the open star cluster NGC 2548. Astronomy and Astrophysics, 2002, 381, 464-471. | 5.1 | 25 |
| 68 | Determination of proper motions and membership of the open clusters NGC 1817 and NGC 1807. Astronomy and Astrophysics, 1998, 133, 387-394. | 2.1 | 60 |
| 69 | OCCASO IV. Radial velocities and open cluster kinematics. Astronomy and Astrophysics, 0, , . | 5.1 | 5 |