

# Lola Balaguer-Nez

## 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.

62

papers

14,798

citations

32

h-index

69

g-index

69

ext. papers

18,982

ext. citations

4.6

avg, IF

4.98

L-index

#	Paper	IF	Citations
62	NGC 1605 is not a Binary Cluster. <i>Research Notes of the AAS</i> , <b>2022</b> , 6, 58	0.8	0
61	The Gaia-ESO Survey: Target selection of open cluster stars. <i>Astronomy and Astrophysics</i> , <b>2022</b> , 659, A200	5.1	4
60	The star cluster age function in the Galactic disc with Gaia DR2. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 645, L2	5.1	10
59	3D kinematics and age distribution of the open cluster population. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 647, A19	5.1	17
58	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A6	5.1	61
57	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A9	5.1	19
56	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A2	5.1	219
55	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A8	5.1	18
54	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A7	5.1	25
53	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A1	5.1	776
52	Abundance-age relations with red clump stars in open clusters. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 652, A25	5.1	9
51	Hunting for open clusters in Gaia DR2: 582 new open clusters in the Galactic disc. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 635, A45	5.1	74
50	Clusterix 2.0: a virtual observatory tool to estimate cluster membership probability. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 5811-5843	4.3	10
49	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, C1	5.1	5
48	Expanding associations in the Vela-Puppis region. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 626, A17	5.1	42
47	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 623, A110	5.1	62
46	Open clusters in APOGEE and GALAH. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 623, A80	5.1	34

45	A ring in a shell: the large-scale 6D structure of the Vela OB2 complex. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 621, A115	5.1	25
44	Extended halo of NGC 2682 (M 67) from Gaia DR2. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A119	5.1	19
43	Hunting for open clusters in Gaia DR2: the Galactic anticentre. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A35	5.1	50
42	OCCASO III. Iron peak and $\alpha$ elements of 18 open clusters. Comparison with chemical evolution models and field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 1821-1842	4.3	17
41	Age determination for 269 Gaia DR2 open clusters. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 623, A108	5.1	97
40	Open cluster kinematics with Gaia DR2 (Corrigendum). <i>Astronomy and Astrophysics</i> , <b>2019</b> , 623, C2	5.1	3
39	Characterising open clusters in the solar neighbourhood with the Tycho-Gaia Astrometric Solution. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 615, A49	5.1	39
38	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A10	5.1	438
37	Discovery of Extended Main Sequence Turnoffs in Galactic Open Clusters. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 863, L33	7.9	38
36	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A1	5.1	4787
35	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A12	5.1	384
34	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A11	5.1	237
33	Open cluster kinematics with Gaia DR2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 619, A155	5.1	82
32	NGC 6705 a young $\alpha$ -enhanced open cluster from OCCASO data. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 610, A66	5.1	10
31	A new method for unveiling open clusters in Gaia. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 618, A59	5.1	78
30	A Gaia DR2 view of the open cluster population in the Milky Way. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 618, A93	5.1	338
29	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A4	5.1	434
28	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A13	5.1	56

27	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A14	5.1	100
26	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A2	5.1	1269
25	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 599, A32	5.1	41
24	Chemical and dynamical analysis of Open Clusters from OCCASO data. The case of NGC 6705. <i>Proceedings of the International Astronomical Union</i> , <b>2017</b> , 13, 124-127	0.1	
23	OCCASO III. Physical parameters and Fe abundances of red clump stars in 18 open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 4363-4381	4.3	30
22	The open cluster King 1 in the second quadrant. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 4285-4297	4.3	6
21	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A79	5.1	64
20	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A19	5.1	71
19	The OCCASO survey: presentation and radial velocities of 12 Milky Way open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 3150-3167	4.3	29
18	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A7	5.1	51
17	TheGaiamission. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A1	5.1	2933
16	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A2	5.1	1364
15	Radial velocities and metallicities from infrared Ca ii triplet spectroscopy of open clusters. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 578, A27	5.1	7
14	TheGaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 569, A17	5.1	57
13	PREFACE: The Milky Way Unravalled by Gaia: GREAT Science from the Gaia Data Releases. <i>EAS Publications Series</i> , <b>2014</b> , 67-68, 1-3	0.2	1
12	Stellar distribution in the star-forming region Gamma Velorum. <i>EAS Publications Series</i> , <b>2014</b> , 67-68, 151-154		
11	TheGaiaspectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 426, 1767-1781	4.3	39
10	CoRoT 102931335: a candidate $\delta$ Dor in an eclipsing binary. <i>Astrophysics and Space Science</i> , <b>2010</b> , 328, 91-96	1.6	11

9	CoRoT 102931335: a candidate $\delta$ Dor in an eclipsing binary <b>2010</b> , 89-94		
8	CoRoT's view of newly discovered B-star pulsators: results for 358 candidate B pulsators from the initial run's exoplanet field data. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 506, 471-489	5.1	57
7	The asteroseismic ground-based observational counterpart of CoRoT <b>2009</b> ,		4
6	uvby $\beta$ CCD photometry and membership segregation of the open cluster NGC 2682 (M 67). <i>Astronomy and Astrophysics</i> , <b>2007</b> , 470, 585-596	5.1	21
5	uvby $\beta$ CCD photometry and membership segregation of the open cluster NGC 2548; gaps in the Main Sequence of open clusters. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 437, 457-466	5.1	12
4	New membership determination and proper motions of NGC 1817. Parametric and non-parametric approach. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 426, 819-826	5.1	28
3	uvby $\beta$ CCD photometry of NGC 1817 and NGC 1807. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 426, 827-834	5.1	12
2	Determination of proper motions and membership of the open star cluster NGC 2548. <i>Astronomy and Astrophysics</i> , <b>2002</b> , 381, 464-471	5.1	23
1	Determination of proper motions and membership of the open clusters NGC 1817 and NGC 1807. <i>Astronomy and Astrophysics</i> , <b>1998</b> , 133, 387-394		47