Lola Balaguer-NÃºÃ±ez

List of Publications by Year
in descending order

69 papers	22,233 citations	87723 38 h-index	123241 61 g-index
69 all docs	69 docs citations	69 times ranked	11291 citing authors

#	Article	IF	Citations
1	NGC 1605 is not a Binary Cluster. Research Notes of the AAS, 2022, 6, 58.	0.3	3
2	The Gaia-ESO Survey: Target selection of open cluster stars. Astronomy and Astrophysics, 2022, 659, A200.	2.1	19
3	One Star to Tag Them All (OSTTA). Astronomy and Astrophysics, 2022, 663, A148.	2.1	6
4	Astronomy organizations should lead in our battle against the climate crisis. Nature Astronomy, 2022, 6, 764-764.	4.2	2
5	3D kinematics and age distribution of the open cluster population. Astronomy and Astrophysics, 2021, 647, A19.	2.1	63
6	Gaia Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A6.	2.1	175
7	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A9.	2.1	55
8	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A2.	2.1	647
9	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A8.	2.1	60
10	Gaia Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A7.	2.1	84
11	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A1.	2.1	2,429
12	Abundanceâ€“age relations with red clump stars in open clusters. Astronomy and Astrophysics, 2021, 652, A25.	2.1	34
13	The star cluster age function in the Galactic disc with Gaia DR2. Astronomy and Astrophysics, 2021, 645, L2.	2.1	19
14	Hunting for open clusters in Gaia DR2: 582 new open clusters in the Galactic disc. Astronomy and Astrophysics, 2020, 635, A45.	2.1	139
15	Clusterix 2.0: a virtual observatory tool to estimate cluster membership probability. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5811-5843.	1.6	14
16	Gaia Data Release 2. Astronomy and Astrophysics, 2020, 642, C1.	2.1	6
17	Extended halo of NGC 2682 (M 67) from Gaia DR2. Astronomy and Astrophysics, 2019, 627, A119.	2.1	37
18	Hunting for open clusters in Gaia DR2: the Galactic anticentre. Astronomy and Astrophysics, 2019, 627, A35.	2.1	94

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19	OCCASO â€“ III. Iron peak and Îł elements of 18 open clusters. Comparison with chemical evolution models and field stars. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1821-1842.	1.6	29
20	Expanding associations in the Vela-Puppis region. Astronomy and Astrophysics, 2019, 626, A17.	2.1	62
21	GaiaData Release 2. Astronomy and Astrophysics, 2019, 623, A110.	2.1	101
22	Open clusters in APOGEE and GALAH. Astronomy and Astrophysics, 2019, 623, A80.	2.1	59
23	A ring in a shell: the large-scale 6D structure of the Vela OB2 complex. Astronomy and Astrophysics, 2019, 621, A115.	2.1	39
24	Age determination for 269 Gaia DR2 open clusters. Astronomy and Astrophysics, 2019, 623, A108.	2.1	167
25	Open cluster kinematics with Gaia DR2â€†(Corrigendum). Astronomy and Astrophysics, 2019, 623, C2.	2.1	9
26	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A11.	2.1	323
27	Open cluster kinematics with Gaia DR2. Astronomy and Astrophysics, 2018, 619, A155.	2.1	128
28	NGC 6705 a young Îł-enhanced open cluster from OCCASO data. Astronomy and Astrophysics, 2018, 610, A66.	2.1	18
29	A new method for unveiling open clusters in Gaia. Astronomy and Astrophysics, 2018, 618, A59.	2.1	136
30	A Gaia DR2 view of the open cluster population in the Milky Way. Astronomy and Astrophysics, 2018, 618, A93.	2.1	509
31	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A4.	2.1	556
32	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A13.	2.1	78
33	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A14.	2.1	140
34	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A2.	2.1	1,576
35	Characterising open clusters in the solar neighbourhood with the Tycho-Gaia Astrometric Solution. Astronomy and Astrophysics, 2018, 615, A49.	2.1	55
36	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	2.1	638

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37	Discovery of Extended Main Sequence Turnoffs in Galactic Open Clusters. Astrophysical Journal Letters, 2018, 863, L33.	3.0	60
38	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	2.1	6,364
39	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A12.	2.1	491
40	GaiaData Release 1. Astronomy and Astrophysics, 2017, 599, A32.	2.1	47
41	OCCASO â€“ II. Physical parameters and Fe abundances of red clump stars in 18 open clusters. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4363-4381.	1.6	39
42	The open cluster King 1 in the second quadrant. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4285-4297.	1.6	8
43	Chemical and dynamical analysis of Open Clusters from OCCASO data. The case of NGC 6705. Proceedings of the International Astronomical Union, 2017, 13, 124-127.	0.0	0
44	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	2.1	78
45	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	2.1	77
46	GaiaData Release 1. Astronomy and Astrophysics, 2016, 595, A7.	2.1	59
47	TheGaiamission. Astronomy and Astrophysics, 2016, 595, A1.	2.1	4,509
48	GaiaData Release 1. Astronomy and Astrophysics, 2016, 595, A2.	2.1	1,590
49	The OCCASO survey: presentation and radial velocities of 12 Milky Way open clusters. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3150-3167.	1.6	38
50	Radial velocities and metallicities from infrared Caâ€‰ii triplet spectroscopy of open clusters. Astronomy and Astrophysics, 2015, 578, A27.	2.1	7
51	The OCCASO Survey: Open Clusters Chemical Abundances from Spanish Observatories. EAS Publications Series, 2014, 67-68, 361-361.	0.3	1
52	TheGaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGCâ€‰6705. Astronomy and Astrophysics, 2014, 569, A17.	2.1	61
53	PREFACE: The Milky Way Unravelled by Gaia: GREAT Science from the Gaia Data Releases. EAS Publications Series, 2014, 67-68, 1-3.	0.3	1
54	Stellar distribution in the star-forming region Gamma Velorum. EAS Publications Series, 2014, 67-68, 151-154.	0.3	0

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55	TheGaiaspectrophotometric standard stars survey - I. Preliminary results. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1767-1781.	1.6	47
56	CoRoT 102931335: a candidate Î³ Dor in an eclipsing binary. Astrophysics and Space Science, 2010, 328, 91-96.	0.5	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 Î³ Dor in an eclipsing binary. , 2010, , 89-94.		0
59	CoRoT's view of newly discovered B-star pulsators: results for 358Âcandidate BÂpulsators from the initial run's exoplanet field data. Astronomy and Astrophysics, 2009, 506, 471-489.	2.1	65
60	The asteroseismic ground-based observational counterpart of CoRoT. , 2009, , .		4
61	The Domain of Î´ Scuti Stars: First CoRoT IRa01 Results. , 2009, , .		0
62	uvby â€“ H$mathsf{_{eta}}$ CCD photometry and membership segregation of the open cluster NGCÂ2682 (MÂ67). Astronomy and Astrophysics, 2007, 470, 585-596.	2.1	24
63	uvbyâ€‰â€“â€‰H$_{eta}$ CCD photometry and membership segregation ofÂtheÂopenÂcluster NGCÂ2548; gaps in the Main Sequence ofÂopenÂclusters. Astronomy and Astrophysics, 2005, 437, 457-466.	2.1	12
64	New membership determination and proper motions of NGCÂ1817. Parametric and non-parametric approach. Astronomy and Astrophysics, 2004, 426, 819-826.	2.1	28
65	uvbyâ€“H$_{eta}$ CCD photometry of NGCÂ1817 and NGCÂ1807. Astronomy and Astrophysics, 2004, 426, 827-834.	2.1	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 NGCÂ2548. Astronomy and Astrophysics, 2002, 381, 464-471.	2.1	25
68	Determination of proper motions and membership of the open clusters NGCÂ1817 and NGCÂ1807. Astronomy and Astrophysics, 1998, 133, 387-394.	2.1	60
69	OCCASO IV. Radial velocities and open cluster kinematics. Astronomy and Astrophysics, 0, , .	2.1	5