

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
citations

87723

38
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123241

61
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69
all docs

69
docs citations

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times ranked

11291
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A1.	2.1	6,364
2	The <i>Gaia</i> mission. <i>Astronomy and Astrophysics</i> , 2016, 595, A1.	2.1	4,509
3	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A1.	2.1	2,429
4	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A2.	2.1	1,590
5	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A2.	2.1	1,576
6	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A2.	2.1	647
7	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A10.	2.1	638
8	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A4.	2.1	556
9	A <i>Gaia</i> DR2 view of the open cluster population in the Milky Way. <i>Astronomy and Astrophysics</i> , 2018, 618, A93.	2.1	509
10	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A12.	2.1	491
11	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A11.	2.1	323
12	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A6.	2.1	175
13	Age determination for 269 <i>Gaia</i> DR2 open clusters. <i>Astronomy and Astrophysics</i> , 2019, 623, A108.	2.1	167
14	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A14.	2.1	140
15	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.	2.1	139
16	A new method for unveiling open clusters in <i>Gaia</i> . <i>Astronomy and Astrophysics</i> , 2018, 618, A59.	2.1	136
17	Open cluster kinematics with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 619, A155.	2.1	128
18	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2019, 623, A110.	2.1	101

#	ARTICLE	IF	CITATIONS
19	Hunting for open clusters in <i>Gaia</i> DR2: the Galactic anticentre. <i>Astronomy and Astrophysics</i> , 2019, 627, A35.	2.1	94
20	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A7.	2.1	84
21	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A13.	2.1	78
22	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 605, A79.	2.1	78
23	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19.	2.1	77
24	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> , 2009, 506, 471-489.	2.1	65
25	3D kinematics and age distribution of the open cluster population. <i>Astronomy and Astrophysics</i> , 2021, 647, A19.	2.1	63
26	Expanding associations in the Vela-Puppis region. <i>Astronomy and Astrophysics</i> , 2019, 626, A17.	2.1	62
27	The <i>Gaia</i>-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705. <i>Astronomy and Astrophysics</i> , 2014, 569, A17.	2.1	61
28	Discovery of Extended Main Sequence Turnoffs in Galactic Open Clusters. <i>Astrophysical Journal Letters</i> , 2018, 863, L33.	3.0	60
29	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A8.	2.1	60
30	Determination of proper motions and membership of the open clusters NGC 1817 and NGC 1807. <i>Astronomy and Astrophysics</i> , 1998, 133, 387-394.	2.1	60
31	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A7.	2.1	59
32	Open clusters in APOGEE and GALAH. <i>Astronomy and Astrophysics</i> , 2019, 623, A80.	2.1	59
33	Characterising open clusters in the solar neighbourhood with the <i>Tycho-Gaia</i> Astrometric Solution. <i>Astronomy and Astrophysics</i> , 2018, 615, A49.	2.1	55
34	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A9.	2.1	55
35	The <i>Gaia</i> spectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1767-1781.	1.6	47
36	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A32.	2.1	47

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37	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
38	A ring in a shell: the large-scale 6D structure of the Vela OB2 complex. Astronomy and Astrophysics, 2019, 621, A115.	2.1	39
39	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
40	Extended halo of NGC 2682 (M 67) from <i>Gaia</i> DR2. Astronomy and Astrophysics, 2019, 627, A119.	2.1	37
41	Abundanceâ€“age relations with red clump stars in open clusters. Astronomy and Astrophysics, 2021, 652, A25.	2.1	34
42	OCCASO â€“ 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.	1.6	29
43	New membership determination and proper motions of NGCâ1817. Parametric and non-parametric approach. Astronomy and Astrophysics, 2004, 426, 819-826.	2.1	28
44	Determination of proper motions and membership of the open star cluster NGCâ2548. Astronomy and Astrophysics, 2002, 381, 464-471.	2.1	25
45	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
46	The star cluster age function in the Galactic disc with <i>Gaia</i> DR2. Astronomy and Astrophysics, 2021, 645, L2.	2.1	19
47	The <i>Gaia</i>-ESO Survey: Target selection of open cluster stars. Astronomy and Astrophysics, 2022, 659, A200.	2.1	19
48	NGC 6705 a young Î±-enhanced open cluster from OCCASO data. Astronomy and Astrophysics, 2018, 610, A66.	2.1	18
49	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
50	uvbyâ€“H\$_{\eta}\$ CCD photometry and membership segregation of the open cluster NGCâ2548; gaps in the Main Sequence of open clusters. Astronomy and Astrophysics, 2005, 437, 457-466.	2.1	12
51	CoRoT 102931335: a candidate Î³ Dor in an eclipsing binary. Astrophysics and Space Science, 2010, 328, 91-96.	0.5	12
52	uvbyâ€“H\$_{\eta}\$ CCD photometry of NGCâ1817 and NGCâ1807. Astronomy and Astrophysics, 2004, 426, 827-834.	2.1	12
53	Open cluster kinematics with <i>Gaia</i> DR2â†(Corrigendum)</i>. Astronomy and Astrophysics, 2019, 623, C2.	2.1	9
54	The open cluster King 1 in the second quadrant. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4285-4297.	1.6	8

#	ARTICLE	IF	CITATIONS
55	Radial velocities and metallicities from infrared Caâ€œii triplet spectroscopy of open clusters. <i>Astronomy and Astrophysics</i> , 2015, 578, A27.	2.1	7
56	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1.	2.1	6
57	One Star to Tag Them All (OSTTA). <i>Astronomy and Astrophysics</i> , 2022, 663, A148.	2.1	6
58	OCCASO IV. Radial velocities and open cluster kinematics. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	5
59	The asteroseismic ground-based observational counterpart of CoRoT. , 2009, , .		4
60	NGC 1605 is not a Binary Cluster. <i>Research Notes of the AAS</i> , 2022, 6, 58.	0.3	3
61	Astronomy organizations should lead in our battle against the climate crisis. <i>Nature Astronomy</i> , 2022, 6, 764-764.	4.2	2
62	The OCCASO Survey: Open Clusters Chemical Abundances from Spanish Observatories. <i>EAS Publications Series</i> , 2014, 67-68, 361-361.	0.3	1
63	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
64	The Domain of Î´ Scuti Stars: First CoRoT IRa01 Results. , 2009, , .		0
65	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
66	Photometry of the Galactic Open Clusters: NGC 2548 and NGC 1817. , 2003, , 464-464.		0
67	Spectroscopy of Pre-CV Candidates in the Open Cluster M 67. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 373-373.	0.3	0
68	CoRoT 102931335: a candidate Î³ Dor in an eclipsing binary. , 2010, , 89-94.		0
69	Stellar distribution in the star-forming region Gamma Velorum. <i>EAS Publications Series</i> , 2014, 67-68, 151-154.	0.3	0