

Carme Jordi

List of Publications by Citations

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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.

134
papers

16,553
citations

44
h-index

128
g-index

146
ext. papers

21,070
ext. citations

4
avg, IF

5.51
L-index

#	Paper	IF	Citations
134	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A1	5.1	4787
133	TheGaiamission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1	5.1	2933
132	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2	5.1	1364
131	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A1	5.1	776
130	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A10	5.1	438
129	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A4	5.1	434
128	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A17	5.1	418
127	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A12	5.1	384
126	A Gaia DR2 view of the open cluster population in the Milky Way. <i>Astronomy and Astrophysics</i> , 2018 , 618, A93	5.1	338
125	Gaiabroad band photometry. <i>Astronomy and Astrophysics</i> , 2010 , 523, A48	5.1	305
124	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A11	5.1	237
123	Effective temperature scale and bolometric corrections from 2MASS photometry. <i>Astronomy and Astrophysics</i> , 2006 , 450, 735-746	5.1	148
122	GaiaUniverse model snapshot. <i>Astronomy and Astrophysics</i> , 2012 , 543, A100	5.1	136
121	ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS. <i>Astrophysical Journal</i> , 2009 , 691, 1400-1411	4.7	132
120	Photo-astrometric distances, extinctions, and astrophysical parameters for Gaia DR2 stars brighter than G = 18. <i>Astronomy and Astrophysics</i> , 2019 , 628, A94	5.1	122
119	OMC: An Optical Monitoring Camera for INTEGRAL. <i>Astronomy and Astrophysics</i> , 2003 , 411, L261-L268	5.1	122
118	THE EFFECT OF MAGNETIC ACTIVITY ON LOW-MASS STARS IN ECLIPSING BINARIES. <i>Astrophysical Journal</i> , 2010 , 718, 502-512	4.7	119

117	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A3	5.1	119
116	The mass dependence of the overshooting parameter determined from eclipsing binary data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000 , 318, L55-L59	4.3	118
115	The effect of activity on stellar temperatures and radii. <i>Astronomy and Astrophysics</i> , 2008 , 478, 507-512	5.1	117
114	First Determination of the Distance and Fundamental Properties of an Eclipsing Binary in the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2005 , 635, L37-L40	4.7	104
113	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A3	5.1	102
112	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A14	5.1	100
111	Painting a portrait of the Galactic disc with its stellar clusters. <i>Astronomy and Astrophysics</i> , 2020 , 640, A1	5.1	99
110	Age determination for 269 Gaia DR2 open clusters. <i>Astronomy and Astrophysics</i> , 2019 , 623, A108	5.1	97
109	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A5	5.1	90
108	Open cluster kinematics with Gaia DR2. <i>Astronomy and Astrophysics</i> , 2018 , 619, A155	5.1	82
107	A new method for unveiling open clusters in Gaia. <i>Astronomy and Astrophysics</i> , 2018 , 618, A59	5.1	78
106	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 599, A50	5.1	75
105	The distance to the Andromeda galaxy from eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2010 , 509, A70	5.1	75
104	Hunting for open clusters in Gaia DR2: 582 new open clusters in the Galactic disc. <i>Astronomy and Astrophysics</i> , 2020 , 635, A45	5.1	74
103	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A3	5.1	73
102	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19	5.1	71
101	Chemical composition of eclipsing binaries: a new approach to the helium-to-metal enrichment ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000 , 313, 99-111	4.3	67
100	Fish-like propulsion of an airship with planar membrane dielectric elastomer actuators. <i>Bioinspiration and Biomimetics</i> , 2010 , 5, 026007	2.6	66

99	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79	5.1	64
98	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2019 , 623, A110	5.1	62
97	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A6	5.1	61
96	TheGaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705. <i>Astronomy and Astrophysics</i> , 2014 , 569, A17	5.1	57
95	Eclipsing Binaries as Astrophysical Laboratories: Internal Structure, Core Convection, and Evolution of the B-Star Components of V380 Cygni. <i>Astrophysical Journal</i> , 2000 , 544, 409-422	4.7	57
94	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A13	5.1	56
93	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A7	5.1	51
92	Hunting for open clusters in Gaia DR2: the Galactic anticentre. <i>Astronomy and Astrophysics</i> , 2019 , 627, A35	5.1	50
91	Gaia DR2 unravels incompleteness of nearby cluster population: new open clusters in the direction of Perseus. <i>Astronomy and Astrophysics</i> , 2019 , 624, A126	5.1	48
90	Expanding associations in the Vela-Puppis region. <i>Astronomy and Astrophysics</i> , 2019 , 626, A17	5.1	42
89	The Gaia-ESO Survey: open clusters in Gaia-DR1. <i>Astronomy and Astrophysics</i> , 2018 , 612, A99	5.1	42
88	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 599, A32	5.1	41
87	The Gaia mission: science, organization and present status. <i>Proceedings of the International Astronomical Union</i> , 2007 , 3, 217-223	0.1	41
86	Modelling the photosphere of active stars for planet detection and characterization. <i>Astronomy and Astrophysics</i> , 2016 , 586, A131	5.1	41
85	Gaiaphotometry for white dwarfs. <i>Astronomy and Astrophysics</i> , 2014 , 565, A11	5.1	40
84	Characterising open clusters in the solar neighbourhood with the Tycho-Gaia Astrometric Solution. <i>Astronomy and Astrophysics</i> , 2018 , 615, A49	5.1	39
83	TheGaiaspectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 1767-1781	4.3	39
82	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 650, C3	5.1	36

81	Eclipsing binaries suitable for distance determination in the Andromeda galaxy. <i>Astronomy and Astrophysics</i> , 2006 , 459, 321-331	5.1	35
80	Open clusters in APOGEE and GALAH. <i>Astronomy and Astrophysics</i> , 2019 , 623, A80	5.1	34
79	The design and performance of the Gaia photometric system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 367, 290-314	4.3	34
78	Overview and stellar statistics of the expected Gaia Catalogue using the Gaia Object Generator. <i>Astronomy and Astrophysics</i> , 2014 , 566, A119	5.1	32
77	A comprehensive study of Cepheid variables in the Andromeda galaxy. <i>Astronomy and Astrophysics</i> , 2007 , 473, 847-855	5.1	31
76	OCCASO III. 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	4.3	30
75	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	4.3	29
74	New membership determination and proper motions of NGC 1817. Parametric and non-parametric approach. <i>Astronomy and Astrophysics</i> , 2004 , 426, 819-826	5.1	28
73	Secondary $UBVRI$ -CCD standard stars in the neighbourhood of Landolt standard stars. <i>Astronomy and Astrophysics</i> , 2000 , 146, 169-177		27
72	Fluctuations in the Earth's rotation since 1830 from high-resolution astronomical data. <i>Geophysical Journal International</i> , 1994 , 117, 811-818	2.6	26
71	A ring in a shell: the large-scale 6D structure of the Vela OB2 complex. <i>Astronomy and Astrophysics</i> , 2019 , 621, A115	5.1	25
70	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A7	5.1	25
69	Determination of proper motions and membership of the open star cluster NGC 2548. <i>Astronomy and Astrophysics</i> , 2002 , 381, 464-471	5.1	23
68	An all-sky proper-motion map of the Sagittarius stream using Gaia DR2. <i>Astronomy and Astrophysics</i> , 2020 , 635, L3	5.1	22
67	Performance evaluation of cutting-edge dielectric elastomers for large-scale actuator applications. <i>Smart Materials and Structures</i> , 2011 , 20, 075003	3.4	22
66	Scaling of planar dielectric elastomer actuators in an agonist-antagonist configuration. <i>Sensors and Actuators A: Physical</i> , 2010 , 161, 182-190	3.9	22
65	$uvby$ CCD photometry and membership segregation of the open cluster NGC 2682 (M 67). <i>Astronomy and Astrophysics</i> , 2007 , 470, 585-596	5.1	21
64	Extended halo of NGC 2682 (M 67) from Gaia DR2. <i>Astronomy and Astrophysics</i> , 2019 , 627, A119	5.1	19

63	CD Tau: a detached eclipsing binary with a solar-mass companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999 , 309, 199-207	4.3	19
62	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A9	5.1	19
61	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 600, A51	5.1	18
60	Gaia Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021 , 649, A8	5.1	18
59	OCCASO III. Iron peak and elements of 18 open clusters. Comparison with chemical evolution models and field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 1821-1842	4.3	17
58	Observation of SN2011fe with INTEGRAL. <i>Astronomy and Astrophysics</i> , 2013 , 552, A97	5.1	17
57	3D kinematics and age distribution of the open cluster population. <i>Astronomy and Astrophysics</i> , 2021 , 647, A19	5.1	17
56	Optimizing exoplanet transit searches around low-mass stars with inclination constraints. <i>Astronomy and Astrophysics</i> , 2012 , 537, A147	5.1	16
55	The Gaiaspectrophotometric standard stars survey III. Short-term variability monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 3616-3627	4.3	14
54	CP2 stars as viewed by the uvby, H _β system. <i>Astronomy and Astrophysics</i> , 1998 , 128, 265-275		13
53	uvby H _β CCD photometry and membership segregation of the open cluster NGC 2548; gaps in the Main Sequence of open clusters. <i>Astronomy and Astrophysics</i> , 2005 , 437, 457-466	5.1	12
52	uvby H _β CCD photometry of NGC 1817 and NGC 1807. <i>Astronomy and Astrophysics</i> , 2004 , 426, 827-834	5.1	12
51	The Gaia spectrophotometric standard stars survey: II. Instrumental effects of six ground-based observing campaigns. <i>Astronomische Nachrichten</i> , 2015 , 336, 515-529	0.7	11
50	A program to determine a direct and accurate distance to M31 from eclipsing binaries. <i>New Astronomy Reviews</i> , 2004 , 48, 755-758	7.9	11
49	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	4.3	10
48	Optical flares from the faint mid-dM star 2MASS J00453912+4140395. <i>Astronomische Nachrichten</i> , 2007 , 328, 904-908	0.7	10
47	The star cluster age function in the Galactic disc with Gaia DR2. <i>Astronomy and Astrophysics</i> , 2021 , 645, L2	5.1	10
46	NGC 6705 a young enhanced open cluster from OCCASO data. <i>Astronomy and Astrophysics</i> , 2018 , 610, A66	5.1	10

45	Photospheric activity, rotation, and magnetic interaction in LHS 6343 A. <i>Astronomy and Astrophysics</i> , 2013 , 553, A66	5.1	9
44	An analysis of the currently available calibrations in Strömgren photometry by using open clusters. <i>Astronomy and Astrophysics</i> , 1997 , 123, 83-92		9
43	Passband reconstruction from photometry. <i>Astronomy and Astrophysics</i> , 2018 , 615, A24	5.1	9
42	Abundance-age relations with red clump stars in open clusters. <i>Astronomy and Astrophysics</i> , 2021 , 652, A25	5.1	9
41	Corrections to the FK5 reference frame. <i>Monthly Notices of the Royal Astronomical Society</i> , 1987 , 225, 723-730	4.3	8
40	Radial velocities and metallicities from infrared Ca ii triplet spectroscopy of open clusters. <i>Astronomy and Astrophysics</i> , 2015 , 578, A27	5.1	7
39	The Input Catalogue for the OMC camera onboard INTEGRAL. <i>Astronomy and Astrophysics</i> , 2003 , 411, L281-L289	5.1	7
38	The open cluster King 1 in the second quadrant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 470, 4285-4297	4.3	6
37	All-sky visible and near infrared space astrometry. <i>Experimental Astronomy</i> , 2021 , 51, 783	1.3	6
36	Doppler-beaming in the Kepler light curve of LHS 6343 A. <i>Astronomy and Astrophysics</i> , 2014 , 563, A104	5.1	5
35	Gaia on-board metrology: basic angle and best focus 2014 ,		5
34	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2020 , 642, C1	5.1	5
33	Milky Way spiral arms from open clusters in Gaia EDR3. <i>Astronomy and Astrophysics</i> , 2021 , 652, A162	5.1	5
32	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2020 , 637, C3	5.1	4
31	The young open cluster NGC 7067 using Strömgren photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 3636-3647	4.3	4
30	The overlapping open clusters NGC 750 and NGC 758. <i>Astronomy and Astrophysics</i> , 1998 , 131, 239-258		4
29	The Gaia spectrophotometric standard stars survey IV. Results of the absolute photometry campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 2848-2861	4.3	4
28	Spectrophotometric calibration of low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2020 , 637, A85	5.1	4

27	The Gaia-ESO Survey: Target selection of open cluster stars. <i>Astronomy and Astrophysics</i> , 2022 , 659, A2005.1	5.1	4
26	Detached Eclipsing Binaries as a Test of Stellar Evolutionary Models 2000 , 659-670		3
25	Open cluster kinematics with Gaia DR2 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2019 , 623, C2	5.1	3
24	Faint objects in motion: the new frontier of high precision astrometry. <i>Experimental Astronomy</i> , 2021 , 51, 845	1.3	3
23	Correcting EChO data for stellar activity by direct scaling of activity signals. <i>Experimental Astronomy</i> , 2015 , 40, 695-710	1.3	2
22	Gaia photometry: methods, performances and problems. <i>EAS Publications Series</i> , 2010 , 45, 149-154	0.2	2
21	Astrometry and Photometry of Open Clusters: NGC 1746, NGC 1750 and NGC 1758. <i>Astrophysics and Space Science</i> , 1998 , 263, 307-310	1.6	2
20	Metal Abundance of the Eclipsing Binary YZ Cas. <i>Astrophysics and Space Science Library</i> , 2001 , 575-576	0.3	2
19	The Gaia spectrophotometric standard stars survey IV. Preliminary flux tables for the calibration of Gaia DR2 and (E)DR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 3660-3676	4.3	2
18	Internal calibration of Gaia BP/RP low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2021 , 652, A86	5.1	2
17	Corrections to Watts' charts varying with libration. <i>Astrophysics and Space Science</i> , 1991 , 177, 331-338	1.6	1
16	Corrections to Watts' datum from photoelectric occultations. <i>The Moon and the Planets</i> , 1982 , 27, 131-134		1
15	Spectrophotometry with Gaia. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010 , 147-154	0.3	1
14	The Existence of Moving Groups and the Disk Heating Problem 1996 , 513-514		1
13	NGC 1605 is not a Binary Cluster. <i>Research Notes of the AAS</i> , 2022 , 6, 58	0.8	0
12	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	0.1	
11	Gaia and the Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , 2016 , 12, 305-308	0.1	
10	Gaia Photometric Data: DR1 results and DR2 expectations. <i>Proceedings of the International Astronomical Union</i> , 2017 , 12, 30-34	0.1	

- 9 Fundamental properties of low-mass stars in eclipsing binary systems. *EAS Publications Series*, **2013**, 64, 103-110 0.2
- 8 GAIA: Fundamental Parameters from the Space. *Astrophysics and Space Science*, **1998**, 263, 315-318 1.6
- 7 A Roadmap for Delivering the Promise of Gaia. *Proceedings of the International Astronomical Union*, **2008**, 4, 483-486 0.1
- 6 First Results from ROTES: The ROTse Telescope Eclipsing-binary Survey. *Astrophysics and Space Science*, **2006**, 304, 231-233 1.6
- 5 Robotic design of the Montsec Astronomical Observatory. *Astronomische Nachrichten*, **2004**, 325, 658-658.7
- 4 Strömgren photometry of a-stars: A test of physical parameter determination. *Astrophysics and Space Science*, **1990**, 170, 251-255 1.6
- 3 Fluctuations of the Earth's Rotation by Stellar Occultations. *Symposium - International Astronomical Union*, **1990**, 141, 203-204
- 2 Fluctuations of the Earth's Rotation by Stellar Occultations **1990**, 203-204
- 1 Passband reconstruction from photometry. *Proceedings of the International Astronomical Union*, **2018**, 14, 472-479 0.1