

# Carme Jordi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/237113/publications.pdf>

Version: 2024-02-01

142  
papers

24,705  
citations

31949

53  
h-index

16164

124  
g-index

146  
all docs

146  
docs citations

146  
times ranked

11871  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	2.1	6,364
2	The <i>Gaia</i> mission. Astronomy and Astrophysics, 2016, 595, A1.	2.1	4,509
3	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A1.	2.1	2,429
4	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2016, 595, A2.	2.1	1,590
5	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	2.1	638
6	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A4.	2.1	556
7	A <i>Gaia</i> DR2 view of the open cluster population in the Milky Way. Astronomy and Astrophysics, 2018, 618, A93.	2.1	509
8	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A17.	2.1	495
9	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A12.	2.1	491
10	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A3.	2.1	421
11	<i>Gaia</i> broad band photometry. Astronomy and Astrophysics, 2010, 523, A48.	2.1	359
12	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A11.	2.1	323
13	Painting a portrait of the Galactic disc with its stellar clusters. Astronomy and Astrophysics, 2020, 640, A1.	2.1	265
14	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A5.	2.1	246
15	Photo-astrometric distances, extinctions, and astrophysical parameters for <i>Gaia</i> DR2 stars brighter than <i>G</i> = 18. Astronomy and Astrophysics, 2019, 628, A94.	2.1	201
16	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A6.	2.1	175
17	Effective temperature scale and bolometric corrections from 2MASS photometry. Astronomy and Astrophysics, 2006, 450, 735-746.	2.1	169
18	Age determination for 269 <i>Gaia</i> DR2 open clusters. Astronomy and Astrophysics, 2019, 623, A108.	2.1	167

#	ARTICLE	IF	CITATIONS
19	<i>Gaia</i> Universe model snapshot. <i>Astronomy and Astrophysics</i> , 2012, 543, A100.	2.1	159
20	ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS. <i>Astrophysical Journal</i> , 2009, 691, 1400-1411.	1.6	145
21	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A14.	2.1	140
22	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
23	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 650, C3.	2.1	137
24	A new method for unveiling open clusters in <i>Gaia</i>. <i>Astronomy and Astrophysics</i> , 2018, 618, A59.	2.1	136
25	THE EFFECT OF MAGNETIC ACTIVITY ON LOW-MASS STARS IN ECLIPSING BINARIES. <i>Astrophysical Journal</i> , 2010, 718, 502-512.	1.6	135
26	OMC: An Optical Monitoring Camera for INTEGRAL. <i>Astronomy and Astrophysics</i> , 2003, 411, L261-L268.	2.1	130
27	Open cluster kinematics with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 619, A155.	2.1	128
28	The effect of activity on stellar temperatures and radii. <i>Astronomy and Astrophysics</i> , 2008, 478, 507-512.	2.1	125
29	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.	1.6	124
30	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A3.	2.1	124
31	First Determination of the Distance and Fundamental Properties of an Eclipsing Binary in the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2005, 635, L37-L40.	1.6	112
32	Photo-astrometric distances, extinctions, and astrophysical parameters for <i>Gaia</i> EDR3 stars brighter than <i>G</i> = 18.5. <i>Astronomy and Astrophysics</i> , 2022, 658, A91.	2.1	106
33	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2019, 623, A110.	2.1	101
34	Hunting for open clusters in <i>Gaia</i> DR2: the Galactic anticentre. <i>Astronomy and Astrophysics</i> , 2019, 627, A35.	2.1	94
35	<i>Gaia</i> DR2 unravels incompleteness of nearby cluster population: new open clusters in the direction of Perseus. <i>Astronomy and Astrophysics</i> , 2019, 624, A126.	2.1	87
36	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A3.	2.1	85

#	ARTICLE	IF	CITATIONS
37	The distance to the Andromeda galaxy from eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2010, 509, A70.	2.1	84
38	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A50.	2.1	84
39	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A7.	2.1	84
40	Fish-like propulsion of an airship with planar membrane dielectric elastomer actuators. <i>Bioinspiration and Biomimetics</i> , 2010, 5, 026007.	1.5	79
41	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A13.	2.1	78
42	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 605, A79.	2.1	78
43	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19.	2.1	77
44	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.	1.6	74
45	3D kinematics and age distribution of the open cluster population. <i>Astronomy and Astrophysics</i> , 2021, 647, A19.	2.1	63
46	Eclipsing Binaries as Astrophysical Laboratories: Internal Structure, Core Convection, and Evolution of the Bâ€Star Components of V380 Cygni. <i>Astrophysical Journal</i> , 2000, 544, 409-422.	1.6	63
47	Expanding associations in the Vela-Puppis region. <i>Astronomy and Astrophysics</i> , 2019, 626, A17.	2.1	62
48	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.	2.1	61
49	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A8.	2.1	60
50	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A7.	2.1	59
51	Open clusters in APOGEE and GALAH. <i>Astronomy and Astrophysics</i> , 2019, 623, A80.	2.1	59
52	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
53	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A9.	2.1	55
54	Modelling the photosphere of active stars for planet detection and characterization. <i>Astronomy and Astrophysics</i> , 2016, 586, A131.	2.1	54

#	ARTICLE	IF	CITATIONS
55	The <i>Gaia</i> -ESO Survey: open clusters in <i>Gaia</i> -DR1. <i>Astronomy and Astrophysics</i> , 2018, 612, A99.	2.1	53
56	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
57	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A32.	2.1	47
58	Internal calibration of <i>Gaia</i> BP/RP low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2021, 652, A86.	2.1	47
59	The Gaia mission: science, organization and present status. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 217-223.	0.0	46
60	<i>Gaia</i> photometry for white dwarfs. <i>Astronomy and Astrophysics</i> , 2014, 565, A11.	2.1	45
61	The design and performance of the Gaia photometric system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 290-314.	1.6	42
62	An all-sky proper-motion map of the Sagittarius stream using <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2020, 635, L3.	2.1	42
63	Overview and stellar statistics of the expected <i>Gaia</i> Catalogue using the <i>Gaia</i> Object Generator. <i>Astronomy and Astrophysics</i> , 2014, 566, A119.	2.1	39
64	OCCASO 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.	1.6	39
65	A ring in a shell: the large-scale 6D structure of the Vela OB2 complex. <i>Astronomy and Astrophysics</i> , 2019, 621, A115.	2.1	39
66	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.	1.6	38
67	Extended halo of NGC 2682 (M 67) from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 627, A119.	2.1	37
68	Eclipsing binaries suitable for distance determination in the Andromeda galaxy. <i>Astronomy and Astrophysics</i> , 2006, 459, 321-331.	2.1	37
69	Abundance-age relations with red clump stars in open clusters. <i>Astronomy and Astrophysics</i> , 2021, 652, A25.	2.1	34
70	Milky Way spiral arms from open clusters in <i>Gaia</i> EDR3. <i>Astronomy and Astrophysics</i> , 2021, 652, A162.	2.1	33
71	A comprehensive study of Cepheid variables in the Andromeda galaxy. <i>Astronomy and Astrophysics</i> , 2007, 473, 847-855.	2.1	33
72	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> , 2019, 490, 1821-1842.	1.6	29

#	ARTICLE	IF	CITATIONS
73	Fluctuations in the Earth's rotation since 1830 from high-resolution astronomical data. <i>Geophysical Journal International</i> , 1994, 117, 811-818.	1.0	28
74	New membership determination and proper motions of NGC 1817. Parametric and non-parametric approach. <i>Astronomy and Astrophysics</i> , 2004, 426, 819-826.	2.1	28
75	Scaling of planar dielectric elastomer actuators in an agonist-antagonist configuration. <i>Sensors and Actuators A: Physical</i> , 2010, 161, 182-190.	2.0	28
76	Secondary $UBVR_I$ -CCD standard stars in the neighbourhood of Landolt standard stars. <i>Astronomy and Astrophysics</i> , 2000, 146, 169-177.	2.1	28
77	Determination of proper motions and membership of the open star cluster NGC 2548. <i>Astronomy and Astrophysics</i> , 2002, 381, 464-471.	2.1	25
78	uvby $H_{\eta}$ CCD photometry and membership segregation of the open cluster NGC 2682 (M 67). <i>Astronomy and Astrophysics</i> , 2007, 470, 585-596.	2.1	24
79	Performance evaluation of cutting-edge dielectric elastomers for large-scale actuator applications. <i>Smart Materials and Structures</i> , 2011, 20, 075003.	1.8	24
80	The <i>Gaia</i> spectrophotometric standard stars survey III. Short-term variability monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3616-3627.	1.6	24
81	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 600, A51.	2.1	21
82	CD Tau: a detached eclipsing binary with a solar-mass companion. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 309, 199-207.	1.6	20
83	Optimizing exoplanet transit searches around low-mass stars with inclination constraints. <i>Astronomy and Astrophysics</i> , 2012, 537, A147.	2.1	20
84	The <i>Gaia</i> spectrophotometric standard stars survey: II. Instrumental effects of six ground-based observing campaigns. <i>Astronomische Nachrichten</i> , 2015, 336, 515-529.	0.6	19
85	Observation of SN2011fe with INTEGRAL. <i>Astronomy and Astrophysics</i> , 2013, 552, A97.	2.1	19
86	The star cluster age function in the Galactic disc with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2021, 645, L2.	2.1	19
87	The <i>Gaia</i> -ESO Survey: Target selection of open cluster stars. <i>Astronomy and Astrophysics</i> , 2022, 659, A200.	2.1	19
88	NGC 6705 a young $\alpha$ -enhanced open cluster from OCCASO data. <i>Astronomy and Astrophysics</i> , 2018, 610, A66.	2.1	18
89	Faint objects in motion: the new frontier of high precision astrometry. <i>Experimental Astronomy</i> , 2021, 51, 845-886.	1.6	17
90	Optical flares from the faint mid-M star 2MASS J00453912+4140395. <i>Astronomische Nachrichten</i> , 2007, 328, 904-908.	0.6	15

#	ARTICLE	IF	CITATIONS
91	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
92	CP2 stars as viewed by the $uvby, H_{\eta}$ system. Astronomy and Astrophysics, 1998, 128, 265-275.	2.1	14
93	A program to determine a direct and accurate distance to M31 from eclipsing binaries. New Astronomy Reviews, 2004, 48, 755-758.	5.2	13
94	All-sky visible and near infrared space astrometry. Experimental Astronomy, 2021, 51, 783-843.	1.6	13
95	$uvby$ 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.	2.1	12
96	The <i>Gaia</i> spectrophotometric standard stars survey â€“ V. Preliminary flux tables for the calibration of <i>Gaia</i> DR2 and (E)DR3. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3660-3676.	1.6	12
97	$uvby$ CCD photometry of NGC 1817 and NGC 1807. Astronomy and Astrophysics, 2004, 426, 827-834.	2.1	12
98	The <i>Gaia</i> spectrophotometric standard stars survey â€“ IV. Results of the absolute photometry campaign. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2848-2861.	1.6	11
99	Corrections to the FK5 reference frame. Monthly Notices of the Royal Astronomical Society, 1987, 225, 723-730.	1.6	10
100	An analysis of the currently available calibrations in Strömgren photometry by using open clusters. Astronomy and Astrophysics, 1997, 123, 83-92.	2.1	10
101	Photospheric activity, rotation, and magnetic interaction in LHS 6343 A. Astronomy and Astrophysics, 2013, 553, A66.	2.1	9
102	Passband reconstruction from photometry. Astronomy and Astrophysics, 2018, 615, A24.	2.1	9
103	Open cluster kinematics with <i>Gaia</i> DR2â€†(Corrigendum). Astronomy and Astrophysics, 2019, 623, C2.	2.1	9
104	The open cluster King 1 in the second quadrant. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4285-4297.	1.6	8
105	The Input Catalogue for the OMC camera onboard INTEGRAL. Astronomy and Astrophysics, 2003, 411, L281-L289.	2.1	8
106	Radial velocities and metallicities from infrared Ca ii triplet spectroscopy of open clusters. Astronomy and Astrophysics, 2015, 578, A27.	2.1	7
107	Doppler-beaming in the <i>Kepler</i> light curve of LHS 6343 A. Astronomy and Astrophysics, 2014, 563, A104.	2.1	6
108	<i>Gaia</i> on-board metrology: basic angle and best focus. Proceedings of SPIE, 2014, , .	0.8	6

#	ARTICLE	IF	CITATIONS
109	Spectrophotometric calibration of low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2020, 637, A85.	2.1	6
110	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1.	2.1	6
111	One Star to Tag Them All (OSTTA). <i>Astronomy and Astrophysics</i> , 2022, 663, A148.	2.1	6
112	The young open cluster NGC 7067 using StrÅmrgren photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 3636-3647.	1.6	5
113	OCCASO IV. Radial velocities and open cluster kinematics. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	5
114	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 637, C3.	2.1	4
115	The overlapping open clusters NGC 1750 and NGC 1758. <i>Astronomy and Astrophysics</i> , 1998, 131, 239-258.	2.1	4
116	NGC 1605 is not a Binary Cluster. <i>Research Notes of the AAS</i> , 2022, 6, 58.	0.3	3
117	Astrometry and Photometry of Open Clusters: NGC 1746, NGC 1750 and NGC 1758. <i>Astrophysics and Space Science</i> , 1998, 263, 307-310.	0.5	2
118	Gaia photometry: methods, performances and problems. <i>EAS Publications Series</i> , 2010, 45, 149-154.	0.3	2
119	Correcting EChO data for stellar activity by direct scaling of activity signals. <i>Experimental Astronomy</i> , 2015, 40, 695-710.	1.6	2
120	Metal Abundance of the Eclipsing Binary YZ Cas. <i>Astrophysics and Space Science Library</i> , 2001, , 575-576.	1.0	2
121	Corrections to Watts' datum from photoelectric occultations. <i>The Moon and the Planets</i> , 1982, 27, 131-134.	0.5	1
122	Corrections to Watts' charts varying with libration. <i>Astrophysics and Space Science</i> , 1991, 177, 331-338.	0.5	1
123	Gaia Data Release 1 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2017, 601, C1.	2.1	1
124	Passband reconstruction from photometry. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 472-479.	0.0	1
125	Spectrophotometry with Gaia. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2010, , 147-154.	0.3	1
126	The Existence of Moving Groups and the Disk Heating Problem. , 1996, , 513-514.		1



#	ARTICLE	IF	CITATIONS
127	Strizmgren photometry of a-stars: A test of physical parameter determination. Astrophysics and Space Science, 1990, 170, 251-255.	0.5	0
128	Fluctuations of the Earth's Rotation by Stellar Occultations. Symposium - International Astronomical Union, 1990, 141, 203-204.	0.1	0
129	GAIA: Fundamental Parameters from the Space. Astrophysics and Space Science, 1998, 263, 315-318.	0.5	0
130	Robotic design of the Montsec Astronomical Observatory. Astronomische Nachrichten, 2004, 325, 658-658.	0.6	0
131	First Results from ROTES: The ROTse Telescope Eclipsing-binary Survey. Astrophysics and Space Science, 2006, 304, 231-233.	0.5	0
132	A Roadmap for Delivering the Promise of Gaia. Proceedings of the International Astronomical Union, 2008, 4, 483-486.	0.0	0
133	Fundamental properties of low-mass stars in eclipsing binary systems. EAS Publications Series, 2013, 64, 103-110.	0.3	0
134	Characterisation of the Gaia photometry. EAS Publications Series, 2014, 67-68, 359-359.	0.3	0
135	Gaia and the Planetary Nebulae. Proceedings of the International Astronomical Union, 2016, 12, 305-308.	0.0	0
136	Gaia Photometric Data: DR1 results and DR2 expectations. Proceedings of the International Astronomical Union, 2017, 12, 30-34.	0.0	0
137	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
138	Low-Mass Stars as Tests for Stellar Models. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 431-431.	0.3	0
139	Spectroscopy of Pre-CV Candidates in the Open Cluster M 67. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 373-373.	0.3	0
140	Calibration Model for Gaia Photometry and Spectrophotometry. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 385-385.	0.3	0
141	Effects of Shutter Timing on CCD Photometry. , 1995, , 327-327.		0
142	Gaia: A Major Step in the Knowledge of Our Galaxy. , 0, , 255-262.		0