

Carme Jordi

List of Publications by Year in descending order

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142
papers

24,705
citations

31976

53
h-index

16183

124
g-index

146
all docs

146
docs citations

146
times ranked

11871
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-astrometric distances, extinctions, and astrophysical parameters for <i>Gaia</i> EDR3 stars brighter than $G = 18.5$. <i>Astronomy and Astrophysics</i> , 2022, 658, A91.	5.1	106
2	NGC 1605 is not a Binary Cluster. <i>Research Notes of the AAS</i> , 2022, 6, 58.	0.7	3
3	The <i>Gaia</i> -ESO Survey: Target selection of open cluster stars. <i>Astronomy and Astrophysics</i> , 2022, 659, A200.	5.1	19
4	One Star to Tag Them All (OSTTA). <i>Astronomy and Astrophysics</i> , 2022, 663, A148.	5.1	6
5	All-sky visible and near infrared space astrometry. <i>Experimental Astronomy</i> , 2021, 51, 783-843.	3.7	13
6	The <i>Gaia</i> spectrophotometric standard stars survey – V. Preliminary flux tables for the calibration of <i>Gaia</i> DR2 and (E)DR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3660-3676.	4.4	12
7	3D kinematics and age distribution of the open cluster population. <i>Astronomy and Astrophysics</i> , 2021, 647, A19.	5.1	63
8	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A6.	5.1	175
9	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A9.	5.1	55
10	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A5.	5.1	246
11	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A8.	5.1	60
12	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A3.	5.1	421
13	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A7.	5.1	84
14	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A1.	5.1	2,429
15	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 650, C3.	5.1	137
16	Milky Way spiral arms from open clusters in <i>Gaia</i> EDR3. <i>Astronomy and Astrophysics</i> , 2021, 652, A162.	5.1	33
17	Internal calibration of <i>Gaia</i> BP/RP low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2021, 652, A86.	5.1	47
18	Abundance-age relations with red clump stars in open clusters. <i>Astronomy and Astrophysics</i> , 2021, 652, A25.	5.1	34

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19	Faint objects in motion: the new frontier of high precision astrometry. <i>Experimental Astronomy</i> , 2021, 51, 845-886.	3.7	17
20	The star cluster age function in the Galactic disc with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2021, 645, L2.	5.1	19
21	The <i>Gaia</i> spectrophotometric standard stars survey "IV. Results of the absolute photometry campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2848-2861.	4.4	11
22	Spectrophotometric calibration of low-resolution spectra. <i>Astronomy and Astrophysics</i> , 2020, 637, A85.	5.1	6
23	Painting a portrait of the Galactic disc with its stellar clusters. <i>Astronomy and Astrophysics</i> , 2020, 640, A1.	5.1	265
24	An all-sky proper-motion map of the Sagittarius stream using <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2020, 635, L3.	5.1	42
25	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.	5.1	139
26	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.	4.4	14
27	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 637, C3.	5.1	4
28	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1.	5.1	6
29	Extended halo of NGC 2682 (M 67) from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 627, A119.	5.1	37
30	Hunting for open clusters in <i>Gaia</i> DR2: the Galactic anticentre. <i>Astronomy and Astrophysics</i> , 2019, 627, A35.	5.1	94
31	OCCASO "III. Iron peak and \pm 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.	4.4	29
32	Photo-astrometric distances, extinctions, and astrophysical parameters for <i>Gaia</i> DR2 stars brighter than $G = 18$. <i>Astronomy and Astrophysics</i> , 2019, 628, A94.	5.1	201
33	Expanding associations in the Vela-Puppis region. <i>Astronomy and Astrophysics</i> , 2019, 626, A17.	5.1	62
34	<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.	5.1	87
35	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2019, 623, A110.	5.1	101
36	Open clusters in APOGEE and GALAH. <i>Astronomy and Astrophysics</i> , 2019, 623, A80.	5.1	59

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37	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	39
38	Age determination for 269 <i>Gaia</i> DR2 open clusters. <i>Astronomy and Astrophysics</i> , 2019, 623, A108.	5.1	167
39	Open cluster kinematics with <i>Gaia</i> DR2 (Corrigendum). <i>Astronomy and Astrophysics</i> , 2019, 623, C2.	5.1	9
40	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A3.	5.1	124
41	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A17.	5.1	495
42	Passband reconstruction from photometry. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 472-479.	0.0	1
43	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A11.	5.1	323
44	Open cluster kinematics with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 619, A155.	5.1	128
45	NGC 6705 a young $\hat{\iota}$ -enhanced open cluster from OCCASO data. <i>Astronomy and Astrophysics</i> , 2018, 610, A66.	5.1	18
46	Passband reconstruction from photometry. <i>Astronomy and Astrophysics</i> , 2018, 615, A24.	5.1	9
47	A new method for unveiling open clusters in <i>Gaia</i> . <i>Astronomy and Astrophysics</i> , 2018, 618, A59.	5.1	136
48	A <i>Gaia</i> DR2 view of the open cluster population in the Milky Way. <i>Astronomy and Astrophysics</i> , 2018, 618, A93.	5.1	509
49	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A4.	5.1	556
50	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A13.	5.1	78
51	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A14.	5.1	140
52	Characterising open clusters in the solar neighbourhood with the <i>Tycho-Gaia</i> Astrometric Solution. <i>Astronomy and Astrophysics</i> , 2018, 615, A49.	5.1	55
53	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A10.	5.1	638
54	The <i>Gaia</i> -ESO Survey: open clusters in <i>Gaia</i> -DR1. <i>Astronomy and Astrophysics</i> , 2018, 612, A99.	5.1	53

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55	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	5.1	6,364
56	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A12.	5.1	491
57	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2017, 599, A32.	5.1	47
58	The young open cluster NGC 7067 using StrÅngren photometry. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3636-3647.	4.4	5
59	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.	4.4	39
60	The open cluster King 1 in the second quadrant. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4285-4297.	4.4	8
61	Gaia Photometric Data: DR1 results and DR2 expectations. Proceedings of the International Astronomical Union, 2017, 12, 30-34.	0.0	0
62	Gaia Data Release 1 (Corrigendum). Astronomy and Astrophysics, 2017, 601, C1.	5.1	1
63	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2017, 599, A50.	5.1	84
64	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
65	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2017, 600, A51.	5.1	21
66	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	5.1	78
67	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	5.1	77
68	Modelling the photosphere of active stars for planet detection and characterization. Astronomy and Astrophysics, 2016, 586, A131.	5.1	54
69	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2016, 595, A7.	5.1	59
70	The<i>Gaia</i>mission. Astronomy and Astrophysics, 2016, 595, A1.	5.1	4,509
71	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2016, 595, A3.	5.1	85
72	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2016, 595, A2.	5.1	1,590

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73	The <i>Gaia</i> spectrophotometric standard stars survey â€“ III. Short-term variability monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3616-3627.	4.4	24
74	Gaia and the Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 305-308.	0.0	0
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.	4.4	38
76	The Gaia spectrophotometric standard stars survey: II. Instrumental effects of six ground-based observing campaigns. <i>Astronomische Nachrichten</i> , 2015, 336, 515-529.	1.2	19
77	Radial velocities and metallicities from infrared Caâ€“ii triplet spectroscopy of open clusters. <i>Astronomy and Astrophysics</i> , 2015, 578, A27.	5.1	7
78	Correcting EChO data for stellar activity by direct scaling of activity signals. <i>Experimental Astronomy</i> , 2015, 40, 695-710.	3.7	2
79	Characterisation of the Gaia photometry. <i>EAS Publications Series</i> , 2014, 67-68, 359-359.	0.3	0
80	Doppler-beaming in the <i>Kepler</i> light curve of LHS 6343 A. <i>Astronomy and Astrophysics</i> , 2014, 563, A104.	5.1	6
81	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.	5.1	39
82	Gaia on-board metrology: basic angle and best focus. <i>Proceedings of SPIE</i> , 2014, , .	0.8	6
83	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.	5.1	61
84	<i>Gaia</i> photometry for white dwarfs. <i>Astronomy and Astrophysics</i> , 2014, 565, A11.	5.1	45
85	Fundamental properties of low-mass stars in eclipsing binary systems. <i>EAS Publications Series</i> , 2013, 64, 103-110.	0.3	0
86	Photospheric activity, rotation, and magnetic interaction in LHS 6343 A. <i>Astronomy and Astrophysics</i> , 2013, 553, A66.	5.1	9
87	Observation of SN2011fe with INTEGRAL. <i>Astronomy and Astrophysics</i> , 2013, 552, A97.	5.1	19
88	The <i>Gaia</i> spectrophotometric standard stars survey - I. Preliminary results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1767-1781.	4.4	47
89	<i>Gaia</i> Universe model snapshot. <i>Astronomy and Astrophysics</i> , 2012, 543, A100.	5.1	159
90	Optimizing exoplanet transit searches around low-mass stars with inclination constraints. <i>Astronomy and Astrophysics</i> , 2012, 537, A147.	5.1	20

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91	Performance evaluation of cutting-edge dielectric elastomers for large-scale actuator applications. Smart Materials and Structures, 2011, 20, 075003.	3.5	24
92	<i>Gaia</i> broad band photometry. Astronomy and Astrophysics, 2010, 523, A48.	5.1	359
93	THE EFFECT OF MAGNETIC ACTIVITY ON LOW-MASS STARS IN ECLIPSING BINARIES. Astrophysical Journal, 2010, 718, 502-512.	4.5	135
94	Scaling of planar dielectric elastomer actuators in an agonist-antagonist configuration. Sensors and Actuators A: Physical, 2010, 161, 182-190.	4.1	28
95	The distance to the Andromeda galaxy from eclipsing binaries. Astronomy and Astrophysics, 2010, 509, A70.	5.1	84
96	Gaia photometry: methods, performances and problems. EAS Publications Series, 2010, 45, 149-154.	0.3	2
97	Fish-like propulsion of an airship with planar membrane dielectric elastomer actuators. Bioinspiration and Biomimetics, 2010, 5, 026007.	2.9	79
98	Spectrophotometry with Gaia. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 147-154.	0.3	1
99	Low-Mass Stars as Tests for Stellar Models. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 431-431.	0.3	0
100	Spectroscopy of Pre-CV Candidates in the Open Cluster M 67. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 373-373.	0.3	0
101	Calibration Model for Gaia Photometry and Spectrophotometry. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 385-385.	0.3	0
102	ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS. Astrophysical Journal, 2009, 691, 1400-1411.	4.5	145
103	A Roadmap for Delivering the Promise of Gaia. Proceedings of the International Astronomical Union, 2008, 4, 483-486.	0.0	0
104	The effect of activity on stellar temperatures and radii. Astronomy and Astrophysics, 2008, 478, 507-512.	5.1	125
105	The Gaia mission: science, organization and present status. Proceedings of the International Astronomical Union, 2007, 3, 217-223.	0.0	46
106	uvby H_{η} CCD photometry and membership segregation of the open cluster NGC 2682 (M 67). Astronomy and Astrophysics, 2007, 470, 585-596.	5.1	24
107	Optical flares from the faint mid-M star 2MASS J00453912+4140395. Astronomische Nachrichten, 2007, 328, 904-908.	1.2	15
108	A comprehensive study of Cepheid variables in the Andromeda galaxy. Astronomy and Astrophysics, 2007, 473, 847-855.	5.1	33

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109	Effective temperature scale and bolometric corrections from 2MASS photometry. <i>Astronomy and Astrophysics</i> , 2006, 450, 735-746.	5.1	169
110	The design and performance of the Gaia photometric system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 290-314.	4.4	42
111	First Results from ROTES: The ROTse Telescope Eclipsing-binary Survey. <i>Astrophysics and Space Science</i> , 2006, 304, 231-233.	1.4	0
112	Eclipsing binaries suitable for distance determination in the Andromeda Galaxy. <i>Astronomy and Astrophysics</i> , 2006, 459, 321-331.	5.1	37
113	First Determination of the Distance and Fundamental Properties of an Eclipsing Binary in the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2005, 635, L37-L40.	4.5	112
114	uvby H_{η} 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
115	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
116	Robotic design of the Montsec Astronomical Observatory. <i>Astronomische Nachrichten</i> , 2004, 325, 658-658.	1.2	0
117	A program to determine a direct and accurate distance to M31 from eclipsing binaries. <i>New Astronomy Reviews</i> , 2004, 48, 755-758.	12.8	13
118	uvby H_{η} CCD photometry of NGC 1817 and NGC 1807. <i>Astronomy and Astrophysics</i> , 2004, 426, 827-834.	5.1	12
119	OMC: An Optical Monitoring Camera for INTEGRAL. <i>Astronomy and Astrophysics</i> , 2003, 411, L261-L268.	5.1	130
120	The Input Catalogue for the OMC camera onboard INTEGRAL. <i>Astronomy and Astrophysics</i> , 2003, 411, L281-L289.	5.1	8
121	Determination of proper motions and membership of the open star cluster NGC 2548. <i>Astronomy and Astrophysics</i> , 2002, 381, 464-471.	5.1	25
122	Metal Abundance of the Eclipsing Binary YZ Cas. <i>Astrophysics and Space Science Library</i> , 2001, , 575-576.	2.7	2
123	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.	4.4	74
124	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.	4.4	124
125	Secondary $UBVRI$ -CCD standard stars in the neighbourhood of Landolt standard stars. <i>Astronomy and Astrophysics</i> , 2000, 146, 169-177.	2.1	28
126	Eclipsing Binaries as Astrophysical Laboratories: Internal Structure, Core Convection, and Evolution of the Star Components of V380 Cygni. <i>Astrophysical Journal</i> , 2000, 544, 409-422.	4.5	63

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127	CD Tau: a detached eclipsing binary with a solar-mass companion. Monthly Notices of the Royal Astronomical Society, 1999, 309, 199-207.	4.4	20
128	Astrometry and Photometry of Open Clusters: NGC 1746, NGC 1750 and NGC 1758. Astrophysics and Space Science, 1998, 263, 307-310.	1.4	2
129	GAIA: Fundamental Parameters from the Space. Astrophysics and Space Science, 1998, 263, 315-318.	1.4	0
130	CP2 stars as viewed by the μ by H_{η} system. Astronomy and Astrophysics, 1998, 128, 265-275.	2.1	14
131	The overlapping open clusters NGC 1750 and NGC 1758. Astronomy and Astrophysics, 1998, 131, 239-258.	2.1	4
132	An analysis of the currently available calibrations in Strömgren photometry by using open clusters. Astronomy and Astrophysics, 1997, 123, 83-92.	2.1	10
133	The Existence of Moving Groups and the Disk Heating Problem. , 1996, , 513-514.		1
134	Effects of Shutter Timing on CCD Photometry. , 1995, , 327-327.		0
135	Fluctuations in the Earth's rotation since 1830 from high-resolution astronomical data. Geophysical Journal International, 1994, 117, 811-818.	2.4	28
136	Corrections to Watts' charts varying with libration. Astrophysics and Space Science, 1991, 177, 331-338.	1.4	1
137	Strömgren photometry of α -stars: A test of physical parameter determination. Astrophysics and Space Science, 1990, 170, 251-255.	1.4	0
138	Fluctuations of the Earth's Rotation by Stellar Occultations. Symposium - International Astronomical Union, 1990, 141, 203-204.	0.1	0
139	Corrections to the FK5 reference frame. Monthly Notices of the Royal Astronomical Society, 1987, 225, 723-730.	4.4	10
140	Corrections to Watts' datum from photoelectric occultations. The Moon and the Planets, 1982, 27, 131-134.	0.5	1
141	OCCASO IV. Radial velocities and open cluster kinematics. Astronomy and Astrophysics, 0, , .	5.1	5
142	Gaia: A Major Step in the Knowledge of Our Galaxy. , 0, , 255-262.		0