

Andre Moitinho

List of Publications by Year in descending order

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97
papers

21,792
citations

70961

41
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45213

90
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99
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docs citations

99
times ranked

11604
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	New catalogue of optically visible open clusters and candidates. <i>Astronomy and Astrophysics</i> , 2002, 389, 871-873.	2.1	727
6	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A10.	2.1	638
7	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
8	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A17.	2.1	495
9	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A12.	2.1	491
10	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A11.	2.1	323
11	Painting a portrait of the Galactic disc with its stellar clusters. <i>Astronomy and Astrophysics</i> , 2020, 640, A1.	2.1	265
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	G0.253 + 0.016: A MOLECULAR CLOUD PROGENITOR OF AN ARCHES-LIKE CLUSTER. <i>Astrophysical Journal</i> , 2012, 746, 117.	1.6	138
16	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 650, C3.	2.1	137
17	Open cluster kinematics with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 619, A155.	2.1	128
18	UPMASK: unsupervised photometric membership assignment in stellar clusters. <i>Astronomy and Astrophysics</i> , 2014, 561, A57.	2.1	127

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19	ESPRESSO: the Echelle spectrograph for rocky exoplanets and stable spectroscopic observations. Proceedings of SPIE, 2010, , .	0.8	126
20	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 618, A30.	2.1	117
21	Updated parameters of 1743 open clusters based on <i>Gaia</i> DR2. Monthly Notices of the Royal Astronomical Society, 2021, 504, 356-371.	1.6	110
22	3D shape of Orion A from <i>Gaia</i> DR2. Astronomy and Astrophysics, 2018, 619, A106.	2.1	106
23	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2019, 623, A110.	2.1	101
24	<i>Gaia</i> DR2 unravels incompleteness of nearby cluster population: new open clusters in the direction of Perseus. Astronomy and Astrophysics, 2019, 624, A126.	2.1	87
25	Spiral structure of the third galactic quadrant and the solution to the Canis Major debate. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 368, L77-L81.	1.2	85
26	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 599, A50.	2.1	84
27	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A7.	2.1	84
28	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A13.	2.1	78
29	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	2.1	78
30	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	2.1	77
31	Spiral Structure in the Outer Galactic Disk. I. The Third Galactic Quadrant. Astrophysical Journal, 2008, 672, 930-939.	1.6	76
32	High precision astrometry mission for the detection and characterization of nearby habitable planetary systems with the Nearby Earth Astrometric Telescope (NEAT). Experimental Astronomy, 2012, 34, 385-413.	1.6	73
33	3D kinematics and age distribution of the open cluster population. Astronomy and Astrophysics, 2021, 647, A19.	2.1	63
34	<i>Gaia</i> Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A8.	2.1	60
35	uvby- \hat{I}^2 photometry of high-velocity and metal-poor stars. Astronomy and Astrophysics, 2006, 445, 939-958.	2.1	60
36	Characterising open clusters in the solar neighbourhood with the <i>Tycho-Gaia</i> Astrometric Solution. Astronomy and Astrophysics, 2018, 615, A49.	2.1	55

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37	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A9.	2.1	55
38	VISION $\hat{=}$ Vienna survey in Orion. <i>Astronomy and Astrophysics</i> , 2016, 587, A153.	2.1	54
39	On the difference between nuclear and contraction ages. <i>Astronomy and Astrophysics</i> , 2006, 453, 101-119.	2.1	54
40	NGC 2362: A Template for Early Stellar Evolution. <i>Astrophysical Journal</i> , 2001, 563, L73-L76.	1.6	54
41	Detection of a Young Stellar Population in the Background of Open Clusters in the Third Galactic Quadrant. <i>Astrophysical Journal</i> , 2005, 630, L153-L156.	1.6	51
42	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, E1.	2.1	39
43	Fundamental parameters for 45 open clusters with Gaia DR2, an improved extinction correction and a metallicity gradient prior. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1874-1889.	1.6	39
44	Evidence of tidal distortions and mass-loss from the old open cluster NGC 6791. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1811-1818.	1.6	38
45	Open clusters in the third galactic quadrant. <i>Astronomy and Astrophysics</i> , 2001, 370, 436-446.	2.1	37
46	THE EDGE OF THE YOUNG GALACTIC DISK. <i>Astrophysical Journal</i> , 2010, 718, 683-694.	1.6	34
47	Searching for unknown open clusters in the Tycho-2 catalog. <i>Astronomy and Astrophysics</i> , 2003, 410, 565-575.	2.1	25
48	Open clusters in the Third Galactic Quadrant III. Alleged binary clusters. <i>Astronomy and Astrophysics</i> , 2010, 511, A38.	2.1	25
49	pyUPMASK: an improved unsupervised clustering algorithm. <i>Astronomy and Astrophysics</i> , 2021, 650, A109.	2.1	23
50	A photometric study of the old open clusters Berkeley $\hat{=}$ 73, Berkeley $\hat{=}$ 75 and Berkeley $\hat{=}$ 25. <i>Astronomy and Astrophysics</i> , 2005, 442, 917-924.	2.1	22
51	CCD UBV Photometry of the Young Open Cluster NGC 3766. <i>Astronomical Journal</i> , 1997, 113, 1359.	1.9	20
52	GALE \langle sc \rangle x \langle tin \rangle : an alternative online tool to determine the interstellar extinction in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1788-1797.	1.6	19
53	NGC $\hat{=}$ 2580 and NGC $\hat{=}$ 2588. <i>Astronomy and Astrophysics</i> , 2004, 417, 961-972.	2.1	18
54	Faint objects in motion: the new frontier of high precision astrometry. <i>Experimental Astronomy</i> , 2021, 51, 845-886.	1.6	17

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55	Blue straggler stars in Galactic open clusters and the effect of field star contamination. <i>Astronomy and Astrophysics</i> , 2008, 482, 777-781.	2.1	16
56	The young star cluster NGC 2362: low-mass population and initial mass function from a Chandra X-ray observation. <i>Astronomy and Astrophysics</i> , 2006, 460, 133-144.	2.1	15
57	Photometry of a Galactic Field at $l = 232^\circ$, $b = -6^\circ$: The Old Open Cluster Auer 1, the Norma-Cygnus Spiral Arm, and the Signature of the Warped Galactic Thick Disk. <i>Astronomical Journal</i> , 2007, 133, 1058-1066.	1.9	15
58	Stellar populations in the Canis Major overdensity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1597-1604.	1.6	15
59	Pre-Main-Sequence Stars in the Young Galactic Cluster IC 4996: A CCD Photometric Study. <i>Astronomical Journal</i> , 1998, 116, 1801-1809.	1.9	15
60	The intermediate-age open clusters Ruprecht 4, Ruprecht 7 and Pismis 15. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 655-661.	1.6	14
61	ESPRESSO: the ultimate rocky exoplanets hunter for the VLT. <i>Proceedings of SPIE</i> , 2012, , .	0.8	13
62	Uncovering the kiloparsec-scale stellar ring of NGC 5128. <i>Astronomy and Astrophysics</i> , 2009, 502, L5-L8.	2.1	12
63	The OPD photometric survey of open clusters I. Techniques, program details and first results of robust determination of the fundamental parameters. <i>New Astronomy</i> , 2015, 38, 31-49.	0.8	12
64	Using Research Literature to Generate Datasets of Implicit Feedback for Recommending Scientific Items. <i>IEEE Access</i> , 2019, 7, 176668-176680.	2.6	12
65	The long bar as seen by the VVV Survey. <i>Astronomy and Astrophysics</i> , 2013, 559, A11.	2.1	11
66	Sixteen overlooked open clusters in the fourth Galactic quadrant. <i>Astronomy and Astrophysics</i> , 2020, 637, A95.	2.1	11
67	Open clusters in the Third Galactic Quadrant. <i>Astronomy and Astrophysics</i> , 2006, 445, 493-501.	2.1	10
68	Youth analysis of near-infrared spectra of young low-mass stars and brown dwarfs. <i>Astronomy and Astrophysics</i> , 2022, 657, A129.	2.1	10
69	New catalogue of optically visible open clusters and candidates. <i>EAS Publications Series</i> , 2003, 10, 195-195.	0.3	9
70	NGC 2401: a template of the young population of the Norma-Cygnus arm in the Third Galactic Quadrant*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1441-1449.	1.6	9
71	Open cluster kinematics with Gaia DR2† (Corrigendum). <i>Astronomy and Astrophysics</i> , 2019, 623, C2.	2.1	9
72	UBV(RI)C photometry of the open clusters Be 15, Be 80 and NGC 2192. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 621-632.	1.6	8

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73	Selection of Large-Scale 3D Point Cloud Data Using Gesture Recognition. IFIP Advances in Information and Communication Technology, 2015, , 188-195.	0.5	8
74	ESPRESSO: design and analysis of a Coudé-train for a stable and efficient simultaneous optical feeding from the four VLT unit telescopes. Proceedings of SPIE, 2012, , .	0.8	7
75	Insights into the properties of the Local (Orion) spiral arm. NGC 2302: First results and description of the program. Astronomy and Astrophysics, 2015, 580, A4.	2.1	7
76	Hybrid semantic recommender system for chemical compounds in large-scale datasets. Journal of Cheminformatics, 2021, 13, 15.	2.8	6
77	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2020, 642, C1.	2.1	6
78	VSI: the VLTI spectro-imager. Proceedings of SPIE, 2008, , .	0.8	5
79	<i>Gaia</i> Data Release 1. Astronomy and Astrophysics, 2017, 605, A52.	2.1	5
80	Hybrid Semantic Recommender System for Chemical Compounds. Lecture Notes in Computer Science, 2020, , 94-101.	1.0	5
81	Fundamental parameters and new variables of the galactic open cluster NGC 7128. Monthly Notices of the Royal Astronomical Society, 2001, 323, 872-886.	1.6	4
82	The intermediate-age open clusters Ruprecht 61, Czernik 32, NGC 2225 and 2262. Monthly Notices of the Royal Astronomical Society, 2005, 362, 649-656.	1.6	4
83	Solving the distance discrepancy for the open cluster NGC 2453. Astronomy and Astrophysics, 2019, 626, A10.	2.1	4
84	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2020, 637, C3.	2.1	4
85	A study of 11 newly discovered and 11 poorly known open clusters in the solar vicinity. EAS Publications Series, 2003, 10, 141-141.	0.3	2
86	Knowledge Discovery in Large Data Sets. , 2008, , .		2
87	Observational properties of the open cluster system of the Milky Way and what they tell us about our Galaxy. Proceedings of the International Astronomical Union, 2009, 5, 106-116.	0.0	2
88	ESPRESSO: design and analysis of Coudé-Train concepts for stable and efficient optical feeding. Proceedings of SPIE, 2010, , .	0.8	2
89	Survey of Object-Based Data Reduction Techniques in Observational Astronomy. Open Physics, 2016, 14, 579-587.	0.8	2
90	The San Pedro Mártir Open Cluster Survey: Progress, Techniques, Preliminary Results. Proceedings of the International Astronomical Union, 2006, 2, 331-331.	0.0	1

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91	MK-means - Modified K-means clustering algorithm. , 2010, , .		1
92	GALExtin: A VO-Service for Estimating Galactic Interstellar Extinction. Thirty Years of Astronomical Discovery With UKIRT, 2012, , 93-95.	0.3	1
93	Discovery of New Be Stars in the Galactic Open Cluster NGC7128. International Astronomical Union Colloquium, 2000, 175, 67-70.	0.1	0
94	High precision radial velocities in the near-infrared domain: Status and prospects. EPJ Web of Conferences, 2011, 16, 02001.	0.1	0
95	OCAAT: automated analysis of star cluster colour-magnitude diagrams for gauging the local distance scale. Proceedings of the International Astronomical Union, 2014, 10, 298-300.	0.0	0
96	WHAT'S GOING ON IN CANIS MAJOR?. , 2006, , .		0
97	Milli-arcsecond Astrophysics with VSI, the VLTI Spectro-imager in the ELT Era. Thirty Years of Astronomical Discovery With UKIRT, 2009, , 343-348.	0.3	0