Andre Moitinho

List of Publications by Year in descending order

97 papers	21,792 citations	71102 41 h-index	45317 90 g-index
99 all docs	99 docs citations	99 times ranked	11604 citing authors

#	Article	IF	Citations
1	Youth analysis of near-infrared spectra of young low-mass stars and brown dwarfs. Astronomy and Astrophysics, 2022, 657, A129.	5.1	10
2	GALE<scp>xtin</scp>: an alternative online tool to determine the interstellar extinction in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1788-1797.	4.4	19
3	Hybrid semantic recommender system for chemical compounds in large-scale datasets. Journal of Cheminformatics, 2021, 13, 15.	6.1	6
4	3D kinematics and age distribution of the open cluster population. Astronomy and Astrophysics, 2021, 647, A19.	5.1	63
5	Gaia Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A6.	5.1	175
6	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A9.	5.1	55
7	pyUPMASK: an improved unsupervised clustering algorithm. Astronomy and Astrophysics, 2021, 650, A109.	5.1	23
8	Updated parameters of 1743 open clusters based on Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2021, 504, 356-371.	4.4	110
9	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A8.	5.1	60
10	Gaia Early Data Release 3. Astronomy and Astrophysics, 2021, 649, A7.	5.1	84
11	GaiaEarly Data Release 3. Astronomy and Astrophysics, 2021, 649, A1.	5.1	2,429
12	Gaia Early Data Release 3. Astronomy and Astrophysics, 2021, 650, C3.	5.1	137
13	Faint objects in motion: the new frontier of high precision astrometry. Experimental Astronomy, 2021, 51, 845-886.	3.7	17
14	Fundamental parameters for 45 open clusters with Gaia DR2, an improved extinction correction and a metallicity gradient prior. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1874-1889.	4.4	39
15	Painting a portrait of the Galactic disc with its stellar clusters. Astronomy and Astrophysics, 2020, 640, A1.	5.1	265
16	Gaia Data Release 2. Astronomy and Astrophysics, 2020, 637, C3.	5.1	4
17	Sixteen overlooked open clusters in the fourth Galactic quadrant. Astronomy and Astrophysics, 2020, 637, A95.	5.1	11
18	Hybrid Semantic Recommender System for Chemical Compounds. Lecture Notes in Computer Science, 2020, , 94-101.	1.3	5

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19	Gaia Data Release 2. Astronomy and Astrophysics, 2020, 642, C1.	5.1	6
20	Gaia DR2 unravels incompleteness of nearby cluster population: new open clusters in the direction of Perseus. Astronomy and Astrophysics, 2019, 624, A126.	5.1	87
21	GaiaData Release 2. Astronomy and Astrophysics, 2019, 623, A110.	5.1	101
22	Age determination for 269 Gaia DR2 open clusters. Astronomy and Astrophysics, 2019, 623, A108.	5.1	167
23	Solving the distance discrepancy for the open cluster NGC 2453. Astronomy and Astrophysics, 2019, 626, A10.	5.1	4
24	Open cluster kinematics with Gaia DR2â€†(Corrigendum). Astronomy and Astrophysics, 2019, 623, C2.	5.1	9
25	Using Research Literature to Generate Datasets of Implicit Feedback for Recommending Scientific Items. IEEE Access, 2019, 7, 176668-176680.	4.2	12
26	3D shape of Orion A from Gaia DR2. Astronomy and Astrophysics, 2018, 619, A106.	5.1	106
27	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 618, A30.	5.1	117
28	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A17.	5.1	495
29	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A11.	5.1	323
30	Open cluster kinematics with Gaia DR2. Astronomy and Astrophysics, 2018, 619, A155.	5.1	128
31	A Gaia DR2 view of the open cluster population in the Milky Way. Astronomy and Astrophysics, 2018, 618, A93.	5.1	509
32	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A13.	5.1	78
33	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A14.	5.1	140
34	Characterising open clusters in the solar neighbourhood with the Tycho-Gaia Astrometric Solution. Astronomy and Astrophysics, 2018, 615, A49.	5.1	55
35	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	5.1	638
36	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	5.1	6,364

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37	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, E1.	5.1	39
38	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A12.	5.1	491
39	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 605, A52.	5.1	5
40	GaiaData Release 1. Astronomy and Astrophysics, 2017, 599, A50.	5.1	84
41	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	5.1	78
42	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	5.1	77
43	Survey of Object-Based Data Reduction Techniques in Observational Astronomy. Open Physics, 2016, 14, 579-587.	1.7	2
44	TheGaiamission. Astronomy and Astrophysics, 2016, 595, A1.	5.1	4,509
45	GaiaData Release 1. Astronomy and Astrophysics, 2016, 595, A2.	5.1	1,590
46	VISION â˜ Vienna survey in Orion. Astronomy and Astrophysics, 2016, 587, A153.	5.1	54
47	Evidence of tidal distortions and mass-loss from the old open cluster NGC 6791. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1811-1818.	4.4	38
48	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.	5.1	7
49	Selection of Large-Scale 3D Point Cloud Data Using Gesture Recognition. IFIP Advances in Information and Communication Technology, 2015, , 188-195.	0.7	8
50	The OPD photometric survey of open clusters I. Techniques, program details and first results of robust determination of the fundamental parameters. New Astronomy, 2015, 38, 31-49.	1.8	12
51	UPMASK: unsupervised photometric membership assignment in stellar clusters. Astronomy and Astrophysics, 2014, 561, A57.	5.1	127
52	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
53	The long bar as seen by the VVV Survey. Astronomy and Astrophysics, 2013, 559, A11.	5.1	11
54	ESPRESSO: the ultimate rocky exoplanets hunter for the VLT. Proceedings of SPIE, 2012, , .	0.8	13

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55	G0.253 + 0.016: A MOLECULAR CLOUD PROGENITOR OF AN ARCHES-LIKE CLUSTER. Astrophysical Journal, 2012, 746, 117.	4.5	138
56	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.	3.7	73
57	ESPRESSO: design and analysis of a CoudÃ©-train for a stable and efficient simultaneous optical feeding from the four VLT unit telescopes. Proceedings of SPIE, 2012, , .	0.8	7
58	GALExtin: A VO-Service for Estimating Galactic Interstellar Extinction. Thirty Years of Astronomical Discovery With UKIRT, 2012, , 93-95.	0.3	1
59	High precision radial velocities in the near-infrared domain: Status and prospects. EPJ Web of Conferences, 2011, 16, 02001.	0.3	0
60	ESPRESSO: the Echelle spectrograph for rocky exoplanets and stable spectroscopic observations. Proceedings of SPIE, 2010, , .	0.8	126
61	ESPRESSO: design and analysis of CoudÃƒÂƒÃ‚Â©-Train concepts for stable and efficient optical feeding. Proceedings of SPIE, 2010, , .	0.8	2
62	THE EDGE OF THE YOUNG GALACTIC DISK. Astrophysical Journal, 2010, 718, 683-694.	4.5	34
63	UBV(RI)_Cphotometry of the open clusters Be 15, Be 80 and NGC 2192. Monthly Notices of the Royal Astronomical Society, 2010, 401, 621-632.	4.4	8
64	MK-means - Modified K-means clustering algorithm. , 2010, , .		1
65	Open clusters in the Third Galactic Quadrant III. Alleged binary clusters. Astronomy and Astrophysics, 2010, 511, A38.	5.1	25
66	Uncovering the kiloparsec-scale stellar ring of NGC 5128. Astronomy and Astrophysics, 2009, 502, L5-L8.	5.1	12
67	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
68	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
69	Stellar populations in the Canis Major overdensity. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1597-1604.	4.4	15
70	Knowledge Discovery in Large Data Sets. , 2008, , .		2
71	VSI: the VLTI spectro-imager. Proceedings of SPIE, 2008, , .	0.8	5
72	Blue straggler stars in Galactic open clusters and the effect of field star contamination. Astronomy and Astrophysics, 2008, 482, 777-781.	5.1	16

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73	Spiral Structure in the Outer Galactic Disk. I. The Third Galactic Quadrant. Astrophysical Journal, 2008, 672, 930-939.	4.5	76
74	Photometry of a Galactic Field atlâ€‰=â€‰232Â°,bâ€‰=â€‰-6Â°: The Old Open Cluster Auner 1, the Norma-Cygnus Spiral Arm, and the Signature of the Warped Galactic Thick Disk. Astronomical Journal, 2007, 133, 1058-1066.	4.7	15
75	The young star cluster NGCÂ2362: low-mass population and initial mass function from a Chandra X-ray observation. Astronomy and Astrophysics, 2006, 460, 133-144.	5.1	15
76	Open clusters in the Third Galactic Quadrant. Astronomy and Astrophysics, 2006, 445, 493-501.	5.1	10
77	The San Pedro MÃ¡rtir Open Cluster Survey: Progress, Techniques, Preliminary Results. Proceedings of the International Astronomical Union, 2006, 2, 331-331.	0.0	1
78	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.	3.3	85
79	NGC 2401: a template of the young population of the Normaâ€“Cygnus arm in the Third Galactic Quadrant*. Monthly Notices of the Royal Astronomical Society, 2006, 367, 1441-1449.	4.4	9
80	uvby-Î²photometry of high-velocity and metal-poor stars. Astronomy and Astrophysics, 2006, 445, 939-958.	5.1	60
81	On the difference between nuclear and contraction ages. Astronomy and Astrophysics, 2006, 453, 101-119.	5.1	54
82	WHAT'S GOING ON IN CANIS MAJOR?. , 2006, , .		0
83	Detection of a Young Stellar Population in the Background of Open Clusters in the Third Galactic Quadrant. Astrophysical Journal, 2005, 630, L153-L156.	4.5	51
84	The intermediate-age open clusters Ruprecht 4, Ruprecht 7 and Pismis 15. Monthly Notices of the Royal Astronomical Society, 2005, 360, 655-661.	4.4	14
85	The intermediate-age open clusters Ruprecht 61, Czernik 32, NGC 2225 and 2262. Monthly Notices of the Royal Astronomical Society, 2005, 362, 649-656.	4.4	4
86	A photometric study of the old open clusters BerkeleyÂ73, BerkeleyÂ75 and BerkeleyÂ25. Astronomy and Astrophysics, 2005, 442, 917-924.	5.1	22
87	NGCÂ2580 and NGCÂ2588. Astronomy and Astrophysics, 2004, 417, 961-972.	5.1	18
88	New catalogue of optically visible open clusters and candidates. EAS Publications Series, 2003, 10, 195-195.	0.3	9
89	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
90	Searching for unknown open clusters in the Tycho-2 catalog. Astronomy and Astrophysics, 2003, 410, 565-575.	5.1	25

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91	New catalogue of optically visible open clusters and candidates. Astronomy and Astrophysics, 2002, 389, 871-873.	5.1	727
92	Open clusters in the third galactic quadrant. Astronomy and Astrophysics, 2001, 370, 436-446.	5.1	37
93	Fundamental parameters and new variables of the galactic open cluster NGC 7128. Monthly Notices of the Royal Astronomical Society, 2001, 323, 872-886.	4.4	4
94	NGC 2362: A Template for Early Stellar Evolution. Astrophysical Journal, 2001, 563, L73-L76.	4.5	54
95	Discovery of New Be Stars in the Galactic Open Cluster NGC7128. International Astronomical Union Colloquium, 2000, 175, 67-70.	0.1	0
96	Preâ€“Main-Sequence Stars in the Young Galactic Cluster IC 4996: A CCD Photometric Study. Astronomical Journal, 1998, 116, 1801-1809.	4.7	15
97	CCD UBV Photometry of the Young Open Cluster NGC 3766. Astronomical Journal, 1997, 113, 1359.	4.7	20