

Tristan Cantat-Gaudin

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.

20
papers

551
citations

13
h-index

21
g-index

21
ext. papers

877
ext. citations

4.5
avg, IF

4.08
L-index

#	Paper	IF	Citations
20	Painting a portrait of the Galactic disc with its stellar clusters. <i>Astronomy and Astrophysics</i> , 2020 , 640, A1	5.1	99
19	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
18	Hunting for open clusters in Gaia DR2: the Galactic anticentre. <i>Astronomy and Astrophysics</i> , 2019 , 627, A35	5.1	50
17	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
16	New light on the Gaia DR2 parallax zero-point: influence of the asteroseismic approach, in and beyond the Kepler field. <i>Astronomy and Astrophysics</i> , 2019 , 628, A35	5.1	41
15	Open clusters in APOGEE and GALAH. <i>Astronomy and Astrophysics</i> , 2019 , 623, A80	5.1	34
14	FAMA: An automatic code for stellar parameter and abundance determination. <i>Astronomy and Astrophysics</i> , 2013 , 558, A38	5.1	30
13	DOOp, an automated wrapper for DAOSPEC. <i>Astronomy and Astrophysics</i> , 2014 , 562, A10	5.1	27
12	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
11	The Gaia-ESO Survey: membership probabilities for stars in 32 open clusters from 3D kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 4701-4716	4.3	20
10	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	4.3	19
9	A Gaia Early DR3 Mock Stellar Catalog: Galactic Prior and Selection Function. <i>Publications of the Astronomical Society of the Pacific</i> , 2020 , 132, 074501	5	17
8	3D kinematics and age distribution of the open cluster population. <i>Astronomy and Astrophysics</i> , 2021 , 647, A19	5.1	17
7	Galactic spiral structure revealed by Gaia EDR3. <i>Astronomy and Astrophysics</i> , 2021 , 651, A104	5.1	13
6	The star cluster age function in the Galactic disc with Gaia DR2. <i>Astronomy and Astrophysics</i> , 2021 , 645, L2	5.1	10
5	Two kinematically distinct old globular cluster populations in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019 , 484, L19-L23	4.3	9
4	The old, metal-poor, anticentre open cluster Trumpler 5?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 1411-1423	4.3	9

- 3 Milky Way spiral arms from open clusters in Gaia EDR3. *Astronomy and Astrophysics*, **2021**, 652, A162 5.1 5
- 2 Milky Way Star Clusters and Gaia: A Review of the Ongoing Revolution. *Universe*, **2022**, 8, 111 2.5 2
- 1 Two kinematically different Large Magellanic Cloud old globular cluster populations unveiled from Gaia DR2 data sets. *Proceedings of the International Astronomical Union*, **2019**, 14, 139-142 0.1