

Emily L. Hunt – Publications

 On request  emily.hunt.physics@gmail.com  emily.space  [emilyhunt](https://github.com/emilyhunt)

Publications

ADS search 

First author

5. **Emily L. Hunt**, Tristan Cantat-Gaudin, Friedrich Anders *et al.* (2025). “The selection function of the Gaia DR3 open cluster census”. [Preprint \(submitted to A&A\)](#)
4. **Emily L. Hunt**, Tristan Cantat-Gaudin, Friedrich Anders *et al.* (2025). “The completeness of the open cluster census towards the Galactic anticentre”. [A&A, 699, A273](#)
3. **Emily L. Hunt** and Sabine Reffert (2024). “Improving the open cluster census. III. Using cluster masses, radii, and dynamics to create a cleaned open cluster catalogue”. [A&A, 686, A42](#)
(107 citations)
2. **Emily L. Hunt** and Sabine Reffert (2023). “Improving the open cluster census. II. An all-sky cluster catalogue with Gaia DR3”. [A&A, 673, A114](#)
(251 citations)
1. **Emily L. Hunt** and Sabine Reffert (2021). “Improving the open cluster census. I. Comparison of clustering algorithms applied to Gaia DR2 data”. [A&A, 646, A104](#)
(112 citations)

Co-author

5. Alexis L. Quintana, **Emily L. Hunt**, and Hanna Parul (2025). “How many stars form in compact clusters in the local Milky Way?”. [A&A, 701, L2](#)
4. Richard I. Anderson and **Emily L. Hunt** (2025). “A birds-eye view of stellar evolution through populations of variable stars in Galactic open clusters”. [A&A, 700, L13](#)
3. Sebastian Ratzenböck, João Alves, **Emily L. Hunt** *et. al* (2025). “Toward the fabric of the Milky Way: I. The density of disk streams from a local 250^3 pc^3 volume”. [A&A, 694, A307](#)
2. Dane Spaeth, Sabine Reffert, **Emily L. Hunt** *et. al* (2024). “Non-radial oscillations mimicking a brown dwarf orbiting the cluster giant NGC 4349 No. 127”. [A&A, 689, A91](#)
1. Cameren Swiggum *et. al* (incl. **Emily L. Hunt**) (2024). “Most nearby young star clusters formed in three massive complexes”. [Nature, 661, 8019, p.49-53](#)
(20 citations)