

List of Publications**Jouni Kainulainen****Key statistics****Peer-reviewed publications (since 2006):**

72 publications in total
 16 first-author publications
 16 second- or third-author publications

Citations (as recorded by the ADS):

2 261 all publications
 904 first-author publications

h-index:

28 all publications
 12 first-author publications

Peer-reviewed articles in international journals

[72] Duarte-Cabral, A.; Colombo, D.; Urquhart, J. S., with 57 other co-authors including **Kainulainen J.**, “The SEDIGISM survey: Molecular clouds in the inner Galaxy”, accepted in Monthly Notices of the Royal Astronomical Society, DOI:10.1093/mnras/staa2480.

[71] Schuller F., Urquhart J. S., Csengeri T., with 57 other co-authors including **Kainulainen J.**, 2020, “The SEDIGISM survey: first data release and overview of the Galactic structure”, accepted in Monthly Notices of the Royal Astronomical Society, DOI:10.1093/mnras/staa2369.

[70] Urquhart J. S., Figura C., Cross J. R., with 32 other co-authors including **Kainulainen J.**, 2020, “SEDIGISM-ATLASGAL: Dense gas fraction across the galactic disk”, accepted in the Monthly Notices of the Royal Astronomical Society, DOI:10.1093/mnras/staa2512.

[69] Gratier P., Pety J., Bron E., with 21 other co-authors including **Kainulainen J.**, 2020, “Quantitative inference of the H₂ column densities from 3 mm molecular emission”, accepted in Astronomy & Astrophysics, arXiv:2008.13417.

[68] Bron E., Roueff E., Gerin M., 2020, with 21 other co-authors including **Kainulainen J.**, “Tracers of the ionization fraction in dense and translucent gas: I. Automated exploitation of massive astrochemical model grids”, accepted in Astronomy & Astrophysics, arXiv:2007.13593.

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- [66] Riener M., **Kainulainen J.**, Henshaw J. D., Beuther H., “Autonomous Gaussian decomposition of the Galactic Ring Survey. II. The Galactic distribution of ^{13}CO ”, *Astronomy & Astrophysics*, 640, 72.
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collapse of high-mass molecular clouds”, *Monthly Notices of the Royal Astronomical Society*, 486, 284.

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Peer-reviewed conference contributions

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