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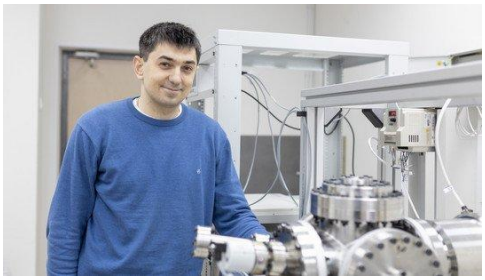

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Selected Publications:

• Fedoseev, G., Qasim, D., Chuang, K.-J., Ioppolo, S., Lamberts, T., van Dishoeck, E. F., Linnartz, H., "Hydrogenation of accreting C-atoms and CO molecules - simulating ketene and acetaldehyde formation under dark and translucent cloud conditions", 2022, **The Astrophysical Journal**, 924, 110.

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Prestellar Core Conditions", 2017, **The Astrophysical Journal**, 842, 52.

• Fedoseev G., Cuppen H. M., Ioppolo S., Lamberts T., Linnartz H., "Experimental evidence for Glycolaldehyde and Ethylene Glycol formation by surface hydrogenation of CO molecules under dense molecular cloud conditions", 2015, **Monthly Notices of the Royal Astronomical Society**, 448, 1288