

## Leo Jansona izstrādāto zinātnisko publikāciju saraksts

### Nozīmīgākie zinātniskie raksti Scopus/ISI WoS datu bāzes zinātniskajos žurnālos:

1. Zemite, L., Backurs, A., Starikovs, A., Laizans, A., Jansons, L., Vempere, L., I. Bode, A. Broks. (2023). **A Comprehensive Overview of the European and Baltic Landscape for Hydrogen Applications and Innovations.** *Latvian Journal of Physics and Technical Sciences*, 61 (3), 33–54. DOI: 10.2478/lpts-2023-0016
2. Rusovs, D., Jansons, L., Zeltins, N., Geipele, I. (2023). **Efficient Heat Recovery from Hydrogen and Natural Gas Blend Combustion Products.** *Latvian Journal of Physics and Technical Sciences*, 61 (2), 31–42. DOI: 10.2478/lpts-2023-0009
3. Jansons, L., Zemite, L., Zeltins, N., Geipele, I. (2023). **Green and Sustainable Hydrogen in Emerging European Smart Energy Framework.** *Latvian Journal of Physics and Technical Sciences*, 60 (1), 24–38. DOI: 10.2478/lpts-2023-0003
4. Jansons, L., Bode, I., Zemite, L., Zeltins, N., Geipele, I., Kiesners, K. (2022). **Securing Sustainable Energy Future: Green Hydrogen as a Part of Gaseous Fuel Diversification Risk Management Strategy.** *Latvian Journal of Physics and Technical Sciences*, 59 (4), 53–70. DOI: 10.2478/lpts-2022-0033
5. Dzelzitis, E., Talcis, N., Pilmanis, I., Bode, I., Jansons, L., Zemite, L. **Development of the District Heating System on the Left Bank of the Daugava River in Riga.** (2022). *Latvian Journal of Physics and Technical Sciences*, 59 (3), 25–36. DOI: 10.2478/lpts-2022-0015
6. Ansone, A., Jansons, L., Bode, I., Dzelzitis, E., Zemite, L., Broks, A. (2022). **Study on Potential Role and Benefits of Liquefied Natural Gas Import Terminal in Latvia.** *Latvian Journal of Physics and Technical Sciences*, 59 (2), 37–54. DOI: 10.2478/lpts-2022-0010
7. Zemite, L., Bode, I., Vempere, L., Jasevics, A., Jansons, L., Kleperis, J. (2022). **Biogas Production Support Systems for the Production and Use of Biomethane.** Proceeding of the 22nd International Conference on Environmental and Electrical Engineering (EEEIC2022) DOI: 10.1109/EEEIC/ICPSEurope54979.2022.9854739
8. Savickis, J., Zemite, L., Jansons, L., Zeltins, N., Bode, I., Ansone, A., Selickis, A., Broks, A., Kuposovs (2021). **Liquefied Natural Gas Infrastructure and Prospects for the Use of LNG in the Baltic States and Finland.** *Latvian Journal of Physics and Technical Sciences*, 58 (2), 45–63. DOI: 10.2478/lpts-2021-0011
9. Savickis, J., Ansone, A., Zemite, L., Bode, I., Jansons, L., Zeltins, N., Kuposovs, A., Vempere, L., Dzelzitis, E. (2021). **The Natural Gas as a Sustainable Fuel Alternative in Latvia.** *Latvian Journal of Physics and Technical Sciences*, 58 (3), 169–185. DOI: 10.2478/lpts-2021-0024
10. Zemite, L., Nevercika, E., Jansons, L., Bode, I., Kuposovs, A., Kondrahins, N., Jasevics, A. (2021). **The Natural Gas Supply of the Latvian Municipality during the Local Energy Crisis.** *Latvian Journal of Physics and Technical Sciences*, 58 (3), 186–200. DOI: 10.2478/lpts-2020-0025
11. Zemite, L., Ansone, A., Jansons, L., Bode, I., Dzelzitis, E., Selickis, A., Romanovs, A., Vempere, L. (2021). **The Creation of the Integrated Natural Gas Market in the Baltic Region and its Legal Implications.** *Latvian Journal of Physics and Technical Sciences*, 58 (3), 201–213. DOI: 10.2478/lpts-2021-0026
12. Geipele, I., Kundzina, A., Jansons, L. (2021). **Methodology for Increasing the Competences of Housing Managers in Climate Change Issues.** *Latvian Journal of Physics and Technical Sciences*, 58 (6), 35–45. DOI: 10.2478/lpts-2021-0044

13. Savickis, J., Zemite, L., Jansons, L., Bode, I., Dzelzitis, E., Broks, A., Vempere, L. (2020). **The Development of the Smart Gas Distribution: General Trends and the Latvian Context.** *Latvian Journal of Physics and Technical Sciences*, 57 (6), 23–39. DOI: 10.2478/lpts-2020-0031
14. J. Savickis, L. Zemite, I. Bode, L. Jansons. (2020). **Natural Gas Metering and its Accuracy in the Smart Gas Supply Systems.** *Latvian Journal of Physics and Technical Sciences*, 57 (5), 39–50. DOI: 10.2478/lpts-2020-0026
15. Savickis, J., Zemite, L., Zeltins, N., Bode, I., Jansons, L., Dzelzitis, E., Kuposovs, A., Selickis, A., Ansons, A. (2020). **The Biomethane Injection into the Natural Gas Networks: The EU’s Gas Synergy Path.** *Latvian Journal of Physics and Technical Sciences*, 57 (4), 34–50. DOI: 10.2478/lpts-2020-0020
16. Savickis, J., Zemite, L., Zeltins, N., Bode, I., Jansons, L. (2020). **Natural Gas and Biomethane in the European Road Transport: The Latvian Perspective.** *Latvian Journal of Physics and Technical Sciences*, 57 (3), 57–72. DOI: 10.2478/lpts-2020-0016
17. Savickis, J., Zeltins, N., Jansons, L. (2019). **Synergy Between the Natural Gas and RES in Enhancement of Security of Energy Supply in the Baltic Countries (Problem Statement).** *Latvian Journal of Physics and Technical Sciences*, 56 (6), 17–31. DOI: 10.2478/lpts-2019-0032
18. Jansons, L., Zeltins, N. (2015). **Technical Studies on Development of the Dobeles Underground Natural Gas Storage Facility.** Proceedings of REHVA Annual Conference 2015 “Advanced HVAC and Natural Gas Technologies”, 162 – 166. Riga, Latvia, May 6 – 9, 2015. DOI: 10.7250/rehvaconf.2015.023