

New CO2 and Hydrogen storage site marketing : how to make your storage site unique and attractive? : [abstract]
Šogenov, Kazbulat; Šogenova, Alla Baltic Carbon Forum 2022 / p. 2-3 <https://doi.org/10.21595/bcf.2022.22840>

New DC/DC converter for electrolyser interfacing with stand-alone renewable energy system
Blinov, Andrei; Andrijanoviš, Anna Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2012 / p. 24-29 : ill <https://intapi.sciendo.com/pdf/10.2478/v10314-012-0004-1>

A novel approach in mechanical nanostructuring synthesis of metal hydride : hydrogen sorption enhancement by High Pressure Torsion Extrusion
Omranpour Shahreza, Babak; Ivanisenko, Julia; **Sergejev, Fjodor;** Omranpour, Hosseinali; Huot, Jacques International Journal of Hydrogen Energy 2024 / p. 133-142 <https://doi.org/10.1016/j.ijhydene.2023.10.343> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of hard cyclic viscoplastic deformation as a new SPD method for modifying the structure and properties of niobium and tantalum
Kommel, Lembit Nanotechnology and advanced material science 2024 / 15 p <https://doi.org/10.31038/NAMS.2024721>

Synthesis strategies and hydrogen storage performance of porous carbon materials derived from bio-oil
Xu, Fanfan; Nešumajev, Dmitri; Konist, Alar Chemical engineering journal 2025 / art. 159381
<https://doi.org/10.1016/j.cej.2025.159381>