Enhancement of hydrogen storage in metals by using a new technique in Severe Plastic Deformations
Omranpour Shahreza, Babak; **Kommel, Lembit**; Sanchez, E. Garcia Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 173-178 : ill https://doi.org/10.4028/www.scientific.net/KEM.799.173 https://www.scientific.net/KEM.799.173 https://www.ester.ee/record=b5235278*est Conference proceeding at Scopus Article at Scopus

Hot and cold regions during accumulative roll bonding of Al/Al_2O_3 nanofibre composites
Pramono, Agus; **Kollo, Lauri**; **Veinthal, Renno** Proceedings of the Estonian Academy of Sciences 2016 / p. 132-137 : ill

The impact of microstructural refinement on the tribological behavior of niobium processed by Indirect Extrusion Angular Pressing
Omranpour Shahreza, Babak; Hernandez-Rodriguez, Marco A. L.; Hernandez-Rodriguez, Edgar; **Kommel, Lembit**; **Sergejev, Fjodor** Tribology international 2022 / art. 107412 https://doi.org/10.1016/j.triboint.2021.107412 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanism of high-pressure torsion-induced shear banding and lamellar thickness saturation in Co-Cr-Fe-Ni-Nb high-entropy composites
Maity, Tapabrata; **Prashanth, Konda Gokuldoss**; Janda, Alexander Journal of materials research 2019 / p. 2672-2682 : ill https://doi.org/10.1557/jmr.2019.149 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microstructure and physical-mechanical properties evolution of pure tantalum processed with hard cyclic viscoplastic deformation
Kommel, Lembit; **Omranpour Shahreza, Babak**; **Mikli, Valdek** International journal of refractory metals and hard materials 2019 / art. 104983, 10 p. : ill https://doi.org/10.1016/j.ijrmhm.2019.104983 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microstructure, properties and atomic level strain in severely deformed rare metal niobium
Kommel, Lembit; **Saarna, Mart**; **Traksmaa, Rainer**; **Kommel, Igor** Materials science = Medžiagotyra 2012 / p. 330-335 : ill

Microstructure, texture and mechanical properties of cyclic expansion-extrusion deformed pure copper
Pardis, N.; Chen, C.; Ebrahimi, R.; **Kommel, Lembit** Materials science and engineering : A 2015 / p. 423-432 : ill http://dx.doi.org/10.1016/j.msea.2015.01.003

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 http://doi.org/10.31038/NAMS.2024721