

**Effect of carbon stabilizing elements on WC cemented carbides with chromium steel binder**

Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Mere, Arvo; Viljus, Mart Materials science = Medžiagotyra 2019 / p. 202-206 : ill <https://doi.org/10.5755/j01.ms.25.2.19619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ferritic chromium steel as binder metal for WC cemented carbides**

Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Mere, Arvo; Kolnes, Märt; Viljus, Mart; Maaten, Birgit International journal of refractory metals and hard materials 2018 / p. 183-191 : ill <https://doi.org/10.1016/j.ijrmhm.2018.02.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Microstructure and properties that change during hard cyclic visco-plastic deformation of bulk high purity niobium**

Kommel, Lembit International journal of refractory metals and hard materials 2019 / p. 10-17 : ill <https://doi.org/10.1016/j.ijrmhm.2018.10.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Recycling of WC-Co hardmetals by oxidation and carbothermal reduction in combination with reactive sintering**

Joost, Renee; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei; Juhani, Kristjan Estonian journal of engineering 2012 / p. 127-139 : ill

**Selective laser melting of high-strength, low-modulus Ti-35Nb-7Zr-5Ta alloy**

Ummethala, Raghunandan; Karamched, Phani S.; Rathinavelu, Sökkalingam; Singh, Neera; Aggarwal, Akash; Sun, Kang; Ivanov, Eugene; Kollo, Lauri; Okulov, Ilya; Eckert, Jürgen; Prashanth, Konda Gokuldoss Materialia 2020 / art. 100941 <https://doi.org/10.1016/j.mta.2020.100941> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Selective laser melting of TiC-based cermet : HIP studies**

Maurya, Himanshu Singh; Kollo, Lauri; Tarraste, Marek; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Transactions of the Indian Institute of Metals 2023 / p. 565-570 : ill <https://doi.org/10.1007/s12666-022-02684-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The formation of reactive sintered (Ti, Mo)C-Ni cermet from nanocrystalline powders**

Jõelet, Marek; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart; Traksmäa, Rainer International journal of refractory metals and hard materials 2014 / p. 284-290 : ill <https://doi.org/10.1016/j.ijrmhm.2013.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Thermal deformation behavior and microstructural evolution of the rapidly-solidified Al-Zn-Mg-Cu alloy in hot isostatic pressing state**

Zhang, Z.; Cong, H.; Yin, Z.; Qi, B.; Dong, Y.; Kong, L.; Li, H.; Prashanth, Konda Gokuldoss Journal of materials research and technology 2024 / p. 5927-5939 <https://doi.org/10.1016/j.jmrt.2024.04.235>