

**Microwave synthesis of B4C nanopowder for subsequent spark plasma sintering**

Davtyan, D.; Mnatsakanyan, R.A.; Liu, Le; **Aydinyan, Sofiya**; Hussainova, Irina Journal of materials research and technology 2019 / p. 5823-5832 : ill <https://doi.org/10.1016/j.jmrt.2019.09.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Plasmochemical process for the production of niobium and tantalum nanopowders**

Grabis, Janis; **Munter, Rein**; Blagoveshchenskiy, Yuri; Gorkunov, Valeri; Yamshchikov, Leonid Proceedings of the Estonian Academy of Sciences 2012 / p. 137-145 : ill

**Solution combustion synthesis of nanostructured molybdenum carbide**

Kirakosyan, Hasmik; Nazaretyan, K.T.; Mnatsakanyan, R.A.; **Aydinyan, Sofiya**; Kharatyan, Suren Journal of nanoparticle research 2018 / art. 214, 11 p. : ill <https://doi.org/10.1007/s11051-018-4312-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Structural properties of ZnO nanopowders synthesized by thermal decomposition**

Kedruk, Y. Y.; Paltusheva, Z. U.; Gritsenko, L. V.; **Söritski, Vitali** Physical sciences and technology 2023 / p. 80-86 <https://doi.org/10.26577/phst.2023.v10.i2.010> [Journal metrics at Scopus](#) [Article at Scopus](#)