

**Comparing tungsten carbide based composites reinforced by alumina nanofibers or zirconia**  
**Yung, Der-Liang; Dong, Minjie; Hussainova, Irina** Proceedings of the PM13 International Conference on Powder Metallurgy and Particulate Materials 2013 / p. 24-35 : ill

**Effect of grain growth inhibitors VC/Cr<sub>3</sub>C<sub>2</sub> on WC-ZrO<sub>2</sub>-Ni composite mechanics**

**Yung, Der-Liang; Dong, Minjie; Hussainova, Irina** Engineering materials & tribology XXII 2014 / p. 106-109

<https://doi.org/10.4028/www.scientific.net/KEM.604.106> Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

**Fabrication of alumina nanocomposites reinforced by a novel type of alumina nanofiber and graphene coated alumina nanofiber**

**Drozdova, Maria; Ivanov, Roman; Aghayan, Marina; Hussainova, Irina; Dong, Minjie;** Rodriguez, Miguel Angel Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 337-341 : ill

**Functionalization of gamma-alumina nanofibers by alpha-alumina via solution combustion synthesis**

**Aghayan, Marina; Voltšihhin, Nikolai;** Rodriguez, Miguel Angel; Rubio-Marcos, Fernando; **Dong, Minjie; Hussainova, Irina**

Ceramics international 2014 / p. 12603-12607 : ill <https://doi.org/10.1016/j.ceramint.2014.04.087> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Molar mass and temperature dependence of the thermodiffusion of polyethylene oxide in water/ethanol mixtures**

Wang, Zilin; Afanasenkau, Dzmitry; **Dong, Minjie;** Huang, Danni; Wiegand, Simone Journal of chemical physics 2014 / art. 064904, 8 p. : ill <https://doi.org/10.1063/1.4891720> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Relaxation of residual stresses in brush-plated gold and silver coatings on copper and on brass substrates**

Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; **Sergejev, Fjodor; Dong, Minjie** Residual stresses IX 2014 / p. 866-871 : ill <https://doi.org/10.4028/www.scientific.net/AMR.996.866> Article at Scopus Article at WOS