

Crack formation during post-treatment of nano- and microfibres prepared by sol-gel technique

Tätte, Tanel; Kolesnikova, Anna; **Hussainov, Medhat**; Talviste, R.; Lõhmus, Rünno; Romanov, Alexey; **Hussainova, Irina**; Part, Marko; Lõhmus, Ants *Journal of nanoscience and nanotechnology* 2010 / 9, p. 6009-6016 <https://pubmed.ncbi.nlm.nih.gov/21133140/>

Effect of thermo-elastic residual stresses on erosive performance of cermets with core-rim structured ceramic grains

Hussainova, Irina; Kolesnikova, Anna; Hussainov, Medhat; Romanov, Alexey *Wear* 2009 / p. 177-185 : ill
<https://www.sciencedirect.com/science/article/pii/S0043164809001446>

Effect of thermo-elastic residual stresses on erosive performance of cermets with core-rim structured ceramic grains

Hussainova, Irina; **Kolesnikova, Anna**; **Hussainov, Medhat**; Romanov, Alexey *Wear* 2009 / 1/4, p. 177-185 : ill

Elastic models of defects in two-dimensional crystals

Kolesnikova, Anna; Orlova, T. S.; **Hussainova, Irina**; Romanov, Alexey *Physics of the solid state* 2014 / p. 2573-2579 : ill
<https://doi.org/10.1134/S1063783414120166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structure and energy of intercrystallite boundaries in graphene

Kolesnikova, Anna; Rozhkov, M. A.; **Hussainova, Irina** *Reviews on advanced materials science* 2017 / p. 91-98 http://www.ipme.ru/e-journals/RAMS/no_15217/contents.html [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Упругие модели дефектов в двумерных кристаллах

Kolesnikova, Anna; Orlova, T.; **Hussainova, Irina**; Romanov, Alexey *Физика твердого тела* 2014 / с. 2480-2485 : ил