

**A novel alumina – nanocarbon hybrid material**

**Ivanov, Roman**; Anoshkin, Ilya; Nasibulin, Albert; **Hussainova, Irina**; Kauppinen, Esko NT13: Fourteenth International Conference on the Science and Applications of Nanotubes : 24-28 June, 2013, Espoo, Finland 2013 / p. 309

**Alumina-graphene hybrid materials for electrochemical sensing of bio-analytes = Alumiiniumoksiid-grafeenhübriidmaterjalid biovedelike elektrokeemiliseks tuvastamiseks**

**Taleb, Masoud** 2018 <https://digi.lib.ttu.ee/i/?11202>

**Analysing carbon based hybrid nanocomposites displaying interfacial phenomena with scanning transmission electron microscopy and related techniques**

**Rauwel, Protima; Rauwel, Erwan** Microscopy and imaging science : practical approaches to applied research and education 2017 / p. 389-400 : ill <http://www.microscopy7.org/>

**Chemical vapour deposition of graphene coating onto ceramic nanofibers substrates and applications thereof = Grafeenpinde keemiline aursadestus keraamilistele nanokiududele ja nende kasutus**

**Ivanov, Roman** 2017 <https://digi.lib.ttu.ee/i/?9128>

**Covalent modification of calcium hydroxyapatite surface by grafting phenyl phosphonate moities**

Aissa, Abdallah; Debbabi, Mongi; Gruselle, Michel; Thouvenot, Rene; Gredin, Patrick; **Traksmaa, Rainer; Tõnsuaadu, Kaia** Journal of solid state chemistry 2007 / 8, p. 2273-2278 <https://www.sciencedirect.com/science/article/pii/S0022459607002034>

**Electroconductive oxide ceramics with graphene-encapsulated fillers**

**Hussainova, Irina; Drozdova, Maria; Ivanov, Roman**; Kale, Sudhir S.; Jasiuk, Iwona Proceedings of the 42nd international conference on advanced ceramics and composites 2019 / p. 251–258 <https://doi.org/10.1002/9781119543343.ch25> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Layered structure of alumina/graphene-augmented-inorganic-nanofibers with directional electrical conductivity**

**Saffarshamshirgar, Ali; Rojas Hernandez, Rocio Estefania; Mikli, Valdek; Karppinen, Maarit; Hussainova, Irina** Carbon 2020 / p. 634-645 <https://doi.org/10.1016/j.carbon.2020.06.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)