Anisotropic thermal conduction in hierarchically structured composite using graphene-augmented alumina nanofibers
Saffarshamshirgar, Ali; **Ivanov, Roman**; Gasik, Michael; **Hussainova, Irina** XVI Conference and Exhibition Of The European Ceramic Society : abstract book 2019 / p. 167

Deposition of iron oxide nanoparticles on mesoporous alumina network by wet-combustion technology
Kamboj, Nikhil Kumar; **Saffarshamshirgar, Ali**; Shirshneva-Vaschenko, Elena; **Hussainova, Irina** Materials chemistry and physics 2019 / p. 340-346 : ill https://doi.org/10.1016/j.matchemphys.2018.12.095 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Directional conductivity in layered alumina
Hussainova, Irina; **Saffarshamshirgar, Ali**; **Ivanov, Roman**; **Volobujeva, Olga**; Romanov, Alexey; Gasik, Michael Current applied physics 2022 / p. 68-73 : ill https://doi.org/10.1016/j.cap.2020.06.009 Journa metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hierarchically structured functional ceramic composites with graphene augmented nanofibers = Hierarhiliselt struktureeritud funktsionaalsed keraamilised komposiidid grafeenlisandiga nanokiududega
Saffarshamshirgar, Ali 2021 https://www.ester.ee/record=b5453046*est https://digikogu.taltech.ee/et/Item/13881820-10e9-4116-bf2c-440a4c2f7b9b https://doi.org/10.23658/taltech.42/2021

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

Spark plasma sintering of layered γ-Al2O3/graphene reinforced nanocomposites
Saffarshamshirgar, Ali; **Ivanov, Roman**; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2019 / p. 140–144 : ill https://doi.org/10.3176/proc.2019.2.04 http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-140-144.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal transport and thermoelectric effect in composites of alumina and graphene-augmented alumina nanofibers
Saffarshamshirgar, Ali; Belmonte, Manuel; Tewari, Girish C.; **Rojas Hernandez, Rocio Estefania**; Seitsonen, Jani; **Ivanov, Roman**; Karppinen, Maarit; Miranzo, Pilar; **Hussainova, Irina** Materials 2021 / art. 2242 https://doi.org/10.3390/ma14092242 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Time-effective synthesis of rhombohedral CuAlO2 from mesoporous alumina substrate
Saffarshamshirgar, Ali; **Aghayan, Marina**; Tripathi, Tripurari S.; Karppinen, Maarit; Gasik, Michael; **Hussainova, Irina** Materials & design 2018 / p. 48-55 : ill https://doi.org/10.1016/j.matdes.2018.03.031 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Time-effective synthesis of rhombohedral CuAlO2 from mesoporous alumina substrate [Online resource]
Saffarshamshirgar, Ali; **Aghayan, Marina**; Tripathi, Tripurari S.; Karppinen, Maarit; Gasik, Michael; **Hussainova, Irina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p http://fmtdk.ut.ee/teesid-2018/