

A novel alumina – nanocarbon hybrid material

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Alumina/graphene/Cu hybrids as highly selective sensor for simultaneous determination of epinephrine, acetaminophen and tryptophan in human urine

Taleb, Masoud; **Ivanov, Roman**; **Bereznev, Sergei**; Kazemi, Sayed Habib; **Hussainova, Irina** Journal of electroanalytical chemistry 2018 / p. 184-192 : ill <https://doi.org/10.1016/j.jelechem.2018.06.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Assessment of tribological performance of 3D printed macro features on the metallic surface

Antonov, Maksim; **Pohlak, Meelis**; **Ivanov, Roman**; **Kariminejad, Arash**; **Hussainova, Irina** Wear 2026 / art. 206398 <https://doi.org/10.1016/j.wear.2025.206398>

Bifunctional oxygen electrocatalyst based on Fe, Co, and nitrogen co-doped graphene-coated alumina nanofibers for Zn-air battery air electrode

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Biomechanical Features of Graphene-Augmented Inorganic Nanofibrous Scaffolds and Their Physical Interaction with Viruses

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Directional conductivity in layered alumina

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Novel alumina-nanocarbon hybrids

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3D printing of plain and gradient cermets with efficient use of raw materials

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