

Bioceramic scaffolds by additive manufacturing for controlled delivery of the antibiotic vancomycin

Kamboj, Nikhil Kumar; Rodriguez, Miguel Angel; **Rahmani Ahranjani, Ramin;** Prashanth, Konda Gokuldoss; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2019 / p. 185–190 : ill <https://doi.org/10.3176/proc.2019.2.10>
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Combustion synthesis of MoSi₂ based composite and selective laser sintering thereof

Minasyan, Tatevik; Aghayan, Marina; **Liu, Le;** Aydinyan, Sofiya; **Kollo, Lauri;** **Hussainova, Irina;** Rodriguez, Miguel Angel Journal of the European Ceramic Society 2018 / p. 3814–3821 : ill <https://doi.org/10.1016/j.jeurceramsoc.2018.04.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics 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

Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics

Ivanov, Roman; **Hussainova, Irina;** Aghayan, Marina; **Drozdova, Maria;** Perez-Coll, Domingo; Rodriguez, Miguel Angel; Rubio-Marcos, Fernando Journal of the European Ceramic Society 2015 / p. 4017–4021 : ill
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Homogeneous deposition of copper oxide on mesoporous 1D alumina nanofibres by combustion approach

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Hybrid graphene/alumina nanofibers for electroconductive zirconia

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Layered functionally graded alumina ceramic composites

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Low temperature, spark plasma sintering behavior of zirconia added by a novel type of alumina nanofibers

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Manufacturing of silicon – Bioactive glass scaffolds by selective laser melting for bone tissue engineering

Rodrigo-Vazquez, C. Sara; **Kamboj, Nikhil Kumar;** Aghayan, Marina; Saez, Ada; De Aza, Antonio de; Rodriguez, Miguel Angel; **Hussainova, Irina** Ceramics international 2020 / p. 26936–26944 : ill <https://doi.org/10.1016/j.ceramint.2020.07.171> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mesoporous fibrous silicon nitride by catalytic nitridation of silicon

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MoSi₂ based composites preparation by combustion synthesis with subsequent selective laser sintering [Online resource]

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Nanostructural evolution in mesoporous networks using in situ high-speed temperature scanner

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Novel pathway for the combustion synthesis and consolidation of boron carbide

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Novel silicon-wollastonite based scaffolds for bone tissue engineering produced by selective laser melting

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Selective laser sintered bio-inspired silicon-wollastonite scaffolds for bone tissue engineering

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Sintering of silicon carbide obtained by combustion synthesis

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The influence of alumina and zirconia coats on the tribological properties of alumina nanofibers

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The template-assisted wet-combustion synthesis of copper oxide nanoparticles on mesoporous network of alumina nanofibers

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