

### **Electroconductive composite of zirconia and hybrid graphene/alumina nanofibers**

**Hussainova, Irina; Drozdova, Maria;** Perez-Coll, Domingo Journal of the European Ceramic Society 2017 / p. 3713-3719 : ill  
<https://doi.org/10.1016/j.jeurceramsoc.2016.12.033>

### **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](https://doi.org/10.1002/9781119543343.ch25)

### **Electroconductive oxide ceramics with hybrid graphenated nanofibers = Elektrijuhtiva oksiid-grafeenkiudkeraamika tehnoloogia ja püsivus**

**Drozdova, Maria** 2017 <https://digi.lib.ttu.ee/l/?9119> [http://www.estre.ee/record=b4748247\\*est](http://www.estre.ee/record=b4748247*est)

### **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

### **Graphene covered alumina nanofibers as toughening agent in alumina ceramics**

**Hussainova, Irina; Drozdova, Maria; Aghayan, Marina; Ivanov, Roman;** Perez-Coll, Domingo 13th International Ceramics Congress. Part B 2014 / p. 49-53

### **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  
<http://dx.doi.org/10.1016/j.jeurceramsoc.2015.06.011>

### **Hybrid graphene/alumina nanofibers for electroconductive zirconia**

**Drozdova, Maria;** Perez-Coll, Domingo; **Aghayan, Marina; Ivanov, Roman;** Rodriguez, Miguel Angel; **Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 15-20 : ill  
<http://dx.doi.org/10.4028/www.scientific.net/KEM.674.15>

### **Layered functionally graded alumina ceramic composites**

**Drozdova, Maria; Ivanov, Roman;** Rodriguez, Miguel Angel; **Hussainova, Irina** ECerS 2017 : 15th Conference & Exhibition of the European Ceramic Society, July 9–13, 2017, Budapest, Hungary : Book of abstracts 2017 / p. 227  
<https://static.akcongress.com/downloads/ecers/ecers2017-abstract-book.pdf>

### **Wear performance of hierarchically structured alumina reinforced by hybrid graphene encapsulated alumina nanofibers**

**Hussainova, Irina; Baroninš, Janis; Drozdova, Maria; Antonov, Maksim** Wear 2016 / p. 287-295 : ill

<http://dx.doi.org/10.1016/j.wear.2016.09.028>

### **Vibration-assisted sputter coating of cenospheres : a new approach for realizing Cu-based metal matrix syntactic foams**

Shishkin, Andrei; **Drozdova, Maria;** Kozlov, Viktor; **Hussainova, Irina;** Lehmmus, Dirk Metals 2017 / art. 16, p. 1-10 : ill  
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