

**A novel method to enhance the mechanical properties of polyacrylonitrile nanofiber mats: an experimental and numerical investigation**

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**Abrasion and erosion resistance of cermets : a review**

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**Abrasive wear resistance of HVOF sprayed and PTA-welded hardmetal hard phase reinforced metal-matrix based coatings**

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**Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr<sub>3</sub>C<sub>2</sub>-based powders**

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**Adaptive virtual inertia-damping system based on model predictive control for low-inertia microgrids**

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**Additive manufacturing of a martensitic Co–Cr–Mo alloy : Towards circumventing the strength–ductility trade-off**

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**Additive manufacturing of TiC-based cermet with stainless steel as a binder material**

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**Evaluation of residual stresses in PVD coatings by means of strip substrate length variation and curvature method of plate substrate**

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#### **Exploring different synthesis parameters for the preparation of metal-nitrogen-carbon type oxygen reduction catalysts**

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#### **Fabrication of localized diamond-filled copper structures via selective laser melting and spark plasma sintering**

**Rahmani Ahranjani, Ramin; Karimi, Javad; Kamboj, Nikhil; Kumar, Rahul, 1993-**; Brojan, Miha; Tchórz, Adam; Skrabalak, Grzegorz; Lopes, Sergio Ivan Diamond and related materials 2023 / art. 109916 <https://doi.org/10.1016/j.diamond.2023.109916> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Fabrication of NiO/NiAl<sub>2</sub>O<sub>4</sub> nanofibers by combustion method**

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