Piotr Szewczyk

Lista Publikacji

1. P. K. Szewczyk, A. Gradys, S. K. Kim, L. Persano, M. Marzec, A. Kryshtal, T. Busolo, A. Toncelli, D. Pisignano, A. Bernasik, S. Kar-Narayan, P. Sajkiewicz, U. Stachewicz. Enhanced Piezoelectricity of Electrospun Polyvinylidene Fluoride Fibers for Energy Harvesting. ACS Applied Materials & Interfaces, 2020, 12 (11), 13575–13583.
2. T. Busolo, P. K. Szewczyk, M. Nair, U. Stachewicz, S. Kar-Narayan. Triboelectric Yarns with Electrospun Functional Polymer Coatings for Highly Durable and Washable Smart Textile Applications. ACS Applied Materials & Interfaces, 2021, 13 (14), 16876–16886.
3. P. K. Szewczyk, S. Metwally, J. E. Karbowniczek, M. M. Marzec, E. Stodolak-Zych, A. Gruszczyński, A. Bernasik, U. Stachewicz. Surface-Potential-Controlled Cell Proliferation and Collagen Mineralization on Electrospun Polyvinylidene Fluoride (PVDF) Fiber Scaffolds for Bone Regeneration. ACS Biomaterials Science & Engineering, 2019, 5 (2), 582-593.
4. P. K. Szewczyk, S. Metwally, Z. J. Krysiak, Ł. Kaniuk, J. E. Karbowniczek, U. Stachewicz. Enhanced Osteoblasts Adhesion and Collagen Formation on Biomimetic Polyvinylidene Fluoride (PVDF) Films for Bone Regeneration. Biomedical Materials, 2019, 14 (6), 065006.
5. P. K. Szewczyk, D. P. Ura, S. Metwally, J. Knapczyk-Korczak, M. Gajek, M. M. Marzec, A. Bernasik, U. Stachewicz. Roughness and fiber fraction dominated wetting of electrospun fiber-based porous meshes. Polymers, 2019, 11 (1), 34.