СВЕДЕНИЯ О ВЕДУЩЕЙ ОРГАНИЗАЦИИ

по диссертации Бардаковой Ксении Николаевны «Влияние структуры и физико-механических свойств трехмерных биодеградируемых полимерных материалов на их биосовместимость и клеточную адгезию», представленной на соискание ученой степени кандидата химических наук по специальности 1.4.7 – Высокомолекулярные соединения

Полное и сокращенное наименование

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Список основных публикаций работников ведущей организации по теме диссертации соискателя в рецензируемых научных изданиях за последние 5 лет:

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2. Tyubaeva P. M., Varyan I. A., Nikolskaya E. D., Mollaeva M. R., Yabbarov N. G., Sokol M. B., ... & Popov A. A.. Biocompatibility and antimicrobial activity of electrospun fibrous materials based on PHB and modified with hemin. Nanomaterials, 2023, 13(2), 236.
3. Gasparyan K.G.; Tyubaeva P.M.; Varyan I.A.; Vetcher A.A.; Popov A.A. Assessing the Biodegradability of PHB-Based Materials with Different Surface Areas: A Comparative Study on Soil Exposure of Films and Electrospun Materials. Polymers. 2023. V 15, No 9, 2042.
4. Shelenkov P.G., Pantyukhov P.V., Poletto M., Popov A.A. Influence of Vinyl Acetate Content and Melt Flow Index of Ethylene-Vinyl Acetate Copolymer on

Physico-Mechanical and Physico-Chemical Properties of Highly Filled Biocomposites. Polymers. 2023. V. 15. No 12. 2639.
5. Olkhov A.A.; Mastalygina E.E.; Ovchinnikov V.A.; Kurnosov A.S.; Popov A.A.; Iordanskii A.L. Biological and Oxidative Degradation of Ultrathin-Fibrous Nonwovens Based on Poly(lactic Acid)/Poly(3-Hydroxybutyrate) Blends. International Journal of Molecular Sciences. 2023. V. 24. No 9. P. 7979.
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9. Zykova A. K., Pantyukhov P. V., & Popov A. A.. Degradation of highly filled biocomposites based on synthetic polymers and natural polysaccharides under the action of climatic weathering and biodegradation. In IOP Conference Series: Earth and Environmental Science, 2021, Vol. 720, No. 1, p. 012136. IOP Publishing.
10. Tertyshnaya Y. V., Lobanov A. V., Karpova S. G., & Pantyukhov P. V. Composites based on polylactide and manganese (III) tetraphenylporphyrin. Influence of concentration on the structure and properties. Journal of Molecular Liquids, 2020. 302, 112176.
11. Lukanina Y.K., Popov A.A., Khvatov A.V.. Biodegradation of polymer compositions with pro-oxidants. In IOP Conference Series: Materials Science and Engineering, 2020, Vol. 921, No. 1, p. 012016. IOP Publishing.
12. Tertyshnaya Y.V., Popov A.A.. Hydrolytic degradation of polylactide in distilled water and seawater. Polymer Science, Series D, 2020, V 13, No 3,306-310.
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