

Table of Contents

Nikolov N., Visone R., Nesteruk I., Rasponi M., Redaelly A. A New Algorithm to Analyze the Video Data of Cell Contractions in Microfluidic Platforms....	74
Umanets V.S., Voynyk B.A., Pavlov V.A., Nastenko Ie.A. Estimation of Algorithms Efficiency in the Task of Biological Objects Clustering.....	84
Gorobets S.V., Kravchenko O.V., Bulaievska M.O., Panchenko O.S. Bionformation Detection of Magnetic Nanoparticles Producers Among Iron- and Manganese-Oxidizing Bacteria.....	90
Levchyk N.Y., Liubinska A.V., Herasymenko Y.O., Todosiichuk T.S. Specific Activity of <i>Streptomyces albus</i> Preparations for Bioregulation of Cucumber Plant	98
Shtapenko O.V., Hevkan I.I., Slyvchuk Yu.I., Syrvatka V.Y., Matvienko N.M. Formation and Properties Polymer Nanolayers to Enhance Cell Growth <i>in vitro</i>	105
Misyura A.G., Ushiy., L.I., Mamilov S.A. Crystal Formation in the Facies of Oral Fluid Their Cycles of Hydration and Degradation	110
Semenyuk S.M., Shybetsky V.Yu., Povodzinsky V.M., Kostyk S.I. Assessment of Critical Parameters of the Cultivating Process in Biotechnology of Active Pharmaceutical Ingredients.....	118
Golub N.B., Potapova M.V. Modern Methods of Processing and Utilization of Grain Distillery Spent Wash.....	125
Petrusha Yu.Yu., Rylsky O.F., Gvozdyak P.I. Some of the Important Physical and Chemical Properties of a Number of Mineral Waters Widely used in Everyday Life.....	135