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Biotechnology	
1052	Formulation and Evaluation of Triamcinolone Acetonide-Loaded Niosomes S.M.Hosseini, Z.Salehi*, M.Akrami, P.Khadiv-parsi, M.H.Shahriari
1089	Chitosan Production from Fungal Sources F. Abbasi, A. Habibi*
1101	Fabricating Non-Irritant Nanofibers via Needleless Electrospinning: PVA/Alginate for Skin Applications M. Houshiar, S. Hashemzadeh, Sh. Osfouri*
1175	Crude oil removal by a newly isolated soil bacterium exhibiting floc-forming capability A. Babazadeh, P. Hassanvand, B. Bambai, P. Shariati, T. Bagheri Lotfabad*
1249	Comprehensive evaluation of the impact of UiO-66-NH₂ nanoparticle synthesis on dimensional characteristics and release kinetics in methotrexate-based drug delivery platforms M. E. Moghbel-Esfahani*, A. Hatamian-Zarmi*, A. Ghaie, Z. Beagom Mokhtari-Hosseini, H. Alvandi, R. Veisi-Sheikhrobat
1298	Effects of Mixing and Aeration Dynamics on Biosurfactant Production by Pseudomonas aeruginosa MR01 M. Gholami, S. Yaghmaei, P.Shariati, T. Bagheri Lotfabad*
1359	Effect of Sodium Alginate Concentration on Droplet Size in a Flow-Focusing Microfluidic Device Z. Valizadeh, J. Rahbar Shahrouzi*, H. Shokrkari
1398	Controlled release of Zoledronic acid from 3D printed scaffold based on polydopamine nanoparticles properties P. Radaei, F. Ganji*, S. Mashayekhan, F. Rezaei, E. Vasheghanifarani, F. Bagheri
1412	Development and Evaluation of EGF-loaded α-Bisabolol nanoparticles Through W/O/W Double Emulsions A. Eskandari, F. Ganji*, Kh. Khajeh
1442	Aqueous oil extraction from sesame paste: Statistical analysis and process optimization using response surface methodology K. Darvishpourian, M. Tavakol*
1485	Enhancement of the Enzymatic Conversion Yield of D, L-HPH to D-HPG Using the Simultaneous Cultivation of Two E. coli Strains Surface-Expressing Hydantoinase and Carbamoylase at Bench Scale M. Mohammadi, V. Babaeipour*, A. Baharlou
1490	Optimization of Deferoxamine B Production by Streptomyces pilosus Utilizing the Taguchi Method and Assessment of Iron Ion Removal on Production and Strain Growth in Batch Fermentation M. A. Attaei, V. Babaeipour*, Sh. Mosleh Moghaddam
1502	Design and Fabrication of Microneedles Based on Alginate and Polyvinyl Alcohol for Transdermal Drug Delivery R.Veisi-Sheikhrobat, Z. B. Mokhtari-Hosseini*, R. Esmaily-Neisiany, A. HatamianZaremi, S. Maroof, M.E. Moghbel-Esfahani
1517	A Process-Oriented Study on the Production of Bioplastic (PHB) Derived from Chlorella Vulgaris A. Mohammad Moradi, P. Amiri, J. Behin*
1592	The design and simulation of the release of lipophilic drugs in liposomal systems using COMSOL Multiphysics S. Soleymanbeigi, Gh. Amoabediny*, F. Rahimi, M. Heidarlou
1614	Investigating Drying Mechanism of PVA/Aloe vera Hydrogels B. Ahangarian Azar, S. Gozalzadeh, M. Sirousazar*, A. Etemadi
1643	Investigation of the Bacterial Community Structure in the Anaerobic Digester of the South Tehran Wastewater Treatment Plant M. Sedighi*, R. Rabiee, M. Mollanorouzi, M. Rezaei
1662	Production and evaluation of alkaline protease activity by Bacillus licheniformis using glucose and soybean meal P. Rezazade Dastjerd, P. Hejazi*
1670	Molecular dynamics study of the interaction between a disease-related RNA G-quadruplex and the nucleolin protein M. Jalali, B. Zamiri*
1704	Effect of Particle Morphology on the Mechanical Properties of Hydrogels F.Teymouri, H. Safari*, Sh. Mashayekhan

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1716	Injectable Silk Fibroin–Alginate Hydrogels Reinforced with Functionalized SWCNTs for Bone Tissue Engineering Z. Ghiyasi*, F. Ganji
1754	Simultaneous Determination of Sertraline and Imipramine in Saliva Using Near-Infrared Photothermal Lens Microfluidic Sensor A.H. Akbari, N. Alizadeh Motlagh*
1785	Supercritical fluid extraction of carotenoids from red microalgal biomass of <i>Chromochloris zofingiensis</i> M. R. Yousefian- Arani, G. Sodeifian*, M. Jazini
1825	Enzyme catalyzed in situ forming hybrid hydrogel based on silk fibroin, carboxymethyl chitosan and gum tragacanth: Preparation and characterization N. Eslami, M. Tavakol*, F. Hakemi
1892	Simulation of Biodiesel Production from Waste Cooking Oil S. Sayadi , S.M. Jokar*, A. Kazemi
1954	Development and evaluation of artificial neural network and hybrid PR-ANN models for accurate solubility prediction of Amoxapine in supercritical carbon dioxide H. Bagheri, G. Sodeifian*, R. Derakhsheshpour
1977	Protein Extraction from <i>Dunaliella salina</i> Using Type V Deep Eutectic Solvent–Based Aqueous Two-Phase Systems S.Rafiei, Gh.Pazuki*, N.Rabiei
1984	The role of different biocompatible crosslinks on the formation of hydrogels based on chitosan/polyvinyl alcohol for application in dermal drug delivery S. Sefidgar, Z.B. Mokhtari-Hosseini*, A. Hatamian-Zaremi, T. SHenavaei-zare, S.Marooof, F.Rajabi
2003	Investigation of Industrial Yeast Extract Production for Various Applications in Iran M. Jafari, B. Bonakdarpour*
2007	Physicochemical Characterization of halophyte plant oils: <i>Salsola imbricata</i> and <i>Suaeda aegyptiaca</i> oils T. Shenavaei Zare
2020	Preparation of antimicrobial packing film based on CMC and sodium alginate A. Boti, F. Rahimpour*, M. Shafie
2038	Application of artificial intelligence in the design of hydrogels for targeted drug delivery F. Niknam, K . Shayesteh*, N. Shayesteh
2039	Short term growth memory and recovery of <i>Chlorella vulgaris</i> following a high light shock M. Kahe, R. Chapardar, M. Naseri, T. Mohammadi*