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1. Dorin Bombos, Carmen Argesanu, Rami Doukeh, Mihaela Bombos, Gabriel Vasilievici, Nitrobenzene hydrogenation by catalysts based on ruthenium
2. Constantin Muscalu, Gheorghe Maria, Critical variety under parametric uncertainty for the benzene oxidation industrial catalytic reactor
3. Iulian Patrascu, Costin Sorin Bildea, Controllability of bioethanol dehydration process using a pressure-driven dynamic model
4. Alina Tanase, Valentina Gogulancea, Gabriela Isopencu, Vasile Lavric, Kinetic analysis of the native E. coli strain cultivation in a fed-batch bioreactor
5. Anicuta Stoica-Guzun, Loredana Mihaela Dobre, Marta Stroescu, Tanase Dobre, Rheology of some selected romanian honey
6. Andra Tamas, Mirabela Padure, Martin Vincze, Cationic surfactant solutions: rheology and characterization of the circular flow through ring-shaped sections
7. Ioana-Alina Ciobotaru, Danut-Ionel Vaireanu, Ioana Maior, Anca Cojocaru, Simona Caprarescu, Electrochemical techniques as a useful aid for deposition and characterisation of silane coatings
8. Monica Duldner, Ana Mihaela Florea, Emeric Bartha, Zina Vuluga, Simona Nica, Andrei Sarbu, Cristian Nicolae, Stela Iancu, Functionalized oligoterephthalate structures from PET wastes, useful as additives in nanocomposites
9. Laura Ruxandra Zicman, Elena Neacsu, Laurentiu Done, Liviu Tugulan, Felicia Dragolici, Bogdan Tudor Obreja, Tanase Dobre, Removal of  $^{137}\text{Cs}$  ions from aqueous radioactive waste using nickel ferrocyanide, precipitated on silica gel