

**Keywords:**

6 keywords should be provided to facilitate indexing and on-line searching. At least 4 of these keywords should be chosen from the list of recommended keywords listed below

Absorption	Expert Systems	Polyclonal Antibodies
Acetic Acid	Extraction Kinetics	Polypeptides
Acetobacter	Fed-Batch Culture	Power Consumption
Activity Coefficients	Fermentation	Process Integration
Adsorption	Filamentous Bacteria	Product Inhibition
Aeration	Filamentous Fungi	Production Kinetics
Aerobic Processes	Filtration	Protease
Affinity	Fixed-Bed Bioreactors	Protein
Aggregation	Fluid Mechanics	Protein Denaturation
Agitation	Fluidization	Protein Recovery
Airlift Bioreactors	Fluidized Bed Bioreactors	Proteolysis
Algae	Food Engineering	Purification
Amino Acids	Fructose	Recombinant DNA
Amphiphilic Materials	Fuzzy Logic	Refolding
Amylase	Gas Hold-Up	Reverse Micelles
Anaerobic Processes	Gas-Liquid Mass Transfer	Rheology
Animal Cell Culture	Genetic Stability	RNA
Antibiotic	Global Environment	Scale-Up
Aqueous Two Phase	Glucoamylase	Scale-Down
Artificial Enzymes	Glucose	Sensors
Artificial Intelligence	Glycerol	Separation
Auxotroph	Grain Processing	Solid-State Fermentation
Axial Dispersion	Growth Kinetics	Starch
Baculovirus	Heat Transfer	Sterilisation
Batch Processing	Heterogeneous Biocatalysis	Streptomycin
Beer	Heterogeneous Reaction	Submerged Culture
Biocatalysis	Heterotrophes	Substrate Inhibition
Bioconversion	Hollow Fibres	Sucrose
Biodegradation	Hybridoma Cultures	Thermophiles
Biodesulfurization	Hydrocyclones	Tissue Cell Culture
Biofilms	Image Analysis	Tomography
Biofilters	Immobilisation	Transesterification
Biogas	Immobilised Cells	Trickle Beds
Biokinetics	Immobilised Enzymes	Ultrafiltration
Biomedical	Immunoassay	Viability
Biomimetics	Insect Cell Culture	Viscosity
Biophysical Chemistry	Instrumentation	Waste Treatment
Bioprocess Design	Integrated Processing	Waste-Water Treatment
Bioprocess Monitoring	Jet Loop Bioreactors	Water Activity
Bioreactions	Kinetic Parameters	Whey
Bioreactors	Lactic Acid	Xanthan Gum
Bioremediation	Lactose	Yeast
Biosensors	Large Scale Cultivation	Zeolites
Bioseparations	Lignin	
Biosorption	Lipase	
Biosynthesis	Liquid Membranes	
Biotransformations	Liquid-Liquid Extraction	
Brewing	Lysine	
Bubble Columns	Malt	
Bubbles	Mass Transfer	
Cell Disruption	Membrane Bioreactors	
Cellulase	Mesophiles	
Cellulose	Metabolite Over Production	
Cereals	Microalgae	
Chaperonins	Microbial Growth	
Chemoautotrophes	Microcarriers	
Chiral Systems	Microemulsions	
Chromatography	Micromixing	
Citric Acid	Microporous Membranes	
Control	Mixing	
Dextran	Modelling	
Diffusion	Molecular Imprinting	
Diffusion-Reaction	Monoclonal Antibodies	
Dissolved Oxygen	Moving Bed Bioreactors	
DNA	Multiphase Bioreactors	
Downstream Processing	NADH Neural Networks	
Dynamic Modelling	Newtonian Fluids	
Dynamic Simulation	Non-Newtonian Fluids	
Enantioseparation	Optimisation	
Environmental Preservation	Oxygen Transfer	
Enzyme Activity	Packed Bed Bioreactors	
Enzyme Biocatalysis	Penicillin	
Enzyme Bioreactors	Peptone	
Enzyme Deactivation	Perfluorocarbon	
Enzyme Production	Pervaporation	
Enzyme Technology	Physiology	
Enzymes	Plant Cell Bioreactors	
Ethanol	Plant Cell Culture	