

SUBJECT CLASSIFICATION FOR BIORESOURCE TECHNOLOGY

20.000 BIOLOGICAL WASTE TREATMENT

- 20.010 Activated sludge bioprocesses
- 20.020 Aerobic digestion
- 20.030 Anaerobic digestion
- 20.040 Biodegradation of toxic compounds
- 20.050 Biological nutrients removal
- 20.060 Bioremediation
- 20.070 Biosorption of heavy metals
- 20.080 Constructed wetlands for industrial effluents
- 20.090 Environmental bioengineering
- 20.100 Membrane technology
- 20.110 Phytoremediation of wastewaters
- 20.120 Biotreatment of food, dye and textile industry effluents
- 20.130 Solid waste management

30.000 BIOFUELS & BIOREFINERIES

- 30.010 Biodiesel production
- 30.020 Bioethanol production
- 30.030 Biobutanol production
- 30.040 Biogas production
- 30.050 Biohydrogen production
- 30.060 Biofuels from algae
- 30.070 Life cycle assessment of biofuels
- 30.080 Microbial fuel cells

40.000 BIOMASS* & FEEDSTOCK UTILIZATION

- 40.010 Enzymatic processes
- 40.020 Composting/vermicomposting (production) of crop residues, sludge and manure

50.000 BIOPROCESSES

- 50.010 Algal cultivation and harvesting
- 50.020 Biocatalysis
- 50.030 Bioleaching
- 50.040 Design and operation of bioreactors
- 50.050 Kinetics & modelling
- 50.060 Optimization of bioprocess
- 50.070 Protein engineering

60.000 MICROBIAL PRODUCTS

- 60.010 Biofertilizers
- 60.020 Biopesticides
- 60.030 Biopolymers
- 60.040 Biosurfactants
- 60.050 Enzymes & other proteins
- 60.060 Mushrooms
- 60.070 Organic acids
- 60.080 Other metabolites and products
- 60.090 Secondary metabolites

70.000 PHYSICO-CHEMICAL & THERMO-CHEMICAL PROCESSES*

- 70.010 Catalysis
- 70.020 Combustion
- 70.030 Gasification
- 70.040 Hydrothermal processes
- 70.050 Physical treatment
- 70.060 Pretreatment for further processing
- 70.070 Pulping
- 70.080 Pyrolysis
- 70.090 Steam explosion

80.000 NEW AND EMERGING BIOMASS-BASED* PROCESSES AND TECHNOLOGIES

- 80.010 Biochar: Preparation, characterization and application for dyes and organic pollutants removal, anaerobic digestion, and composting.
- 80.020 Circular bioeconomy and energy & environmental sustainability
- 80.030 Nanomaterials for bioprocesses
- 80.040 Metabolic and genetic engineering
- 80.050 System analysis & techno-economics of biofuels and chemicals production

*Lignocellulosic and algal biomass, food waste ([grains/vegetables](#)) and municipal solid waste

The Journal does not consider articles dealing with crop cultivation, breeding and agronomy, plant extracts and enzymes, composites, marine organisms (except microorganisms and algae for bioprocesses), soil, sediments and air pollution, and performance of fuel combustion in engines and reviews with simple literature compilation or meta-analysis (based on papers published).