

Annotation

It is gradually becoming a very serious problem of environmental pollution with the development of technology. The combustion of fuel is a major source of the pollution. This makes necessary to create the ecologically clean and relatively cheap fuel based on receiving the Hydrogen derived from the Blue-green algae and cyanobacteria by means of photosynthesis. The solar energy is transformed into molecular one by microorganisms during this process. This guarantees of receiving cheap and ecologically clean energy. However several obstacles still make a problem in order to receive Hydrogen in a huge amount and researches in ongoing to solve them.