

# Download Basis And Applications Of Heterogeneous Catalysis

Catalysis: Catalysis, the modification of the rate of a chemical reaction, usually an acceleration, by addition of a substance not consumed during the reaction. Each catalyst molecule may induce the transformation of many molecules of reactants. Learn about the history, classification, and reactions of catalysis. Application Catalyst for hydrogenation of alkenes, alkynes, ketones, nitriles, imines, azides, nitro groups, benzenoid and heterocyclic aromatics; used for hydrogenolysis of cyclopropanes, benzyl derivatives, epoxides, hydrazines, and halides; used to dehydrogenate aromatics and deformylate aldehydes. Technical Service: Our team of scientists has experience in all areas of research including Life Science, Material Science, Chemical Synthesis, Chromatography, Analytical and many others. In chemistry, photocatalysis is the acceleration of a photoreaction in the presence of a catalyst. In catalysed photolysis, light is absorbed by an adsorbed substrate.