

Nanotechnology in Chemical Engineering

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Editorial

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INTRODUCTION

Nanotechnology has transformed chemical engineering by enabling the manipulation of materials at the nanoscale. Applications range from catalysis to drug delivery and advanced materials.

Key Research Areas

Nanocatalysts: Enhance surface activity and selectivity [1].

Nanomaterials for Energy: Nanostructures for batteries and fuel cells [2].

Nanofiltration Membranes: Efficient for water purification [3].

Drug Delivery Systems: Polymeric nanoparticles for targeted therapies [4].

Environmental Applications: Nanoparticles for pollutant removal [5].

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