



Advanced Molecularly-Selective Membranes and Sorbents

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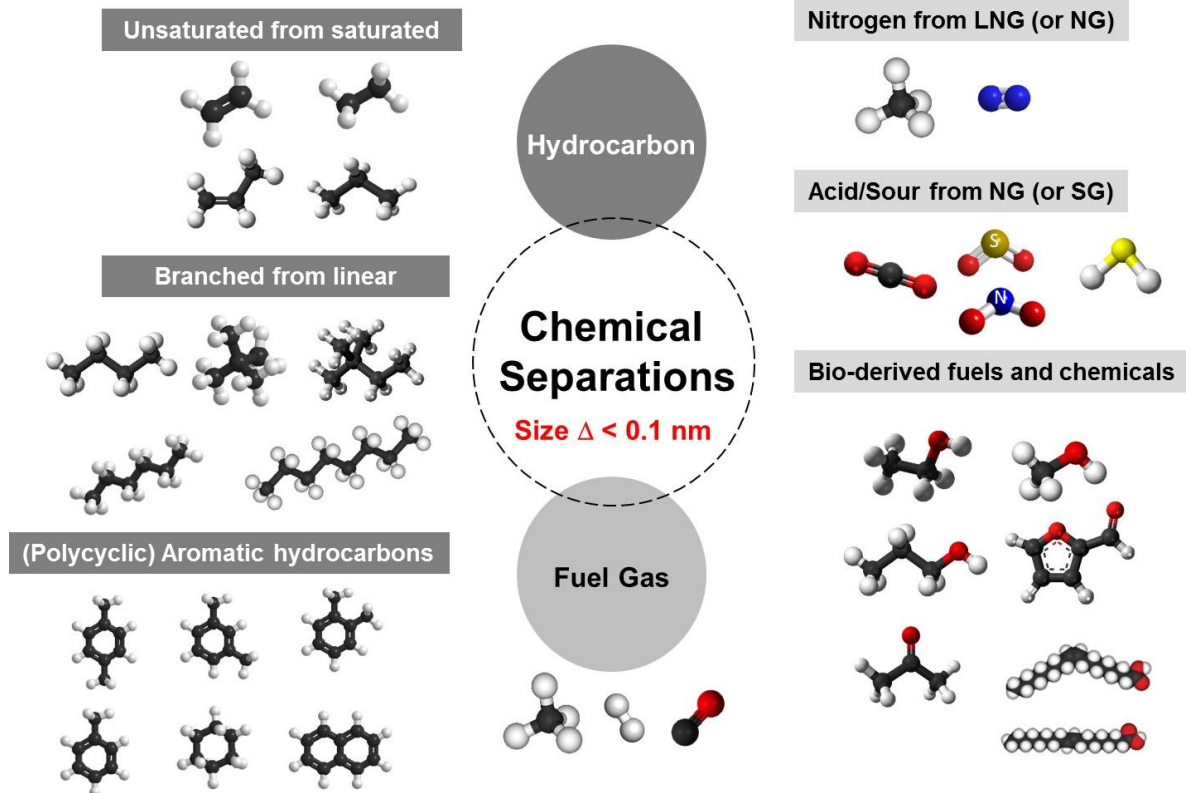
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Descriptions of Research Topics

- Molecularly-Selective Membranes for Large-Scale Separation Processes
 - 0D discrete microporous cages and clusters
 - 1D nanofibers
 - 2D nanosheets
 - 3D flexible nanoporous frameworks

Applications:

- Hydrocarbon and natural gas separations
- Acid/sour gas removal
- Organic solvent separations
- Water purifications



Research Fields 1 Material·Nano 2 Energy·Resource

Keywords Membranes, Separations, Sorbents, Fiber Spinning