

Recent developments in the control of selectivity in hydrogenation reactions by confined metal functionalities

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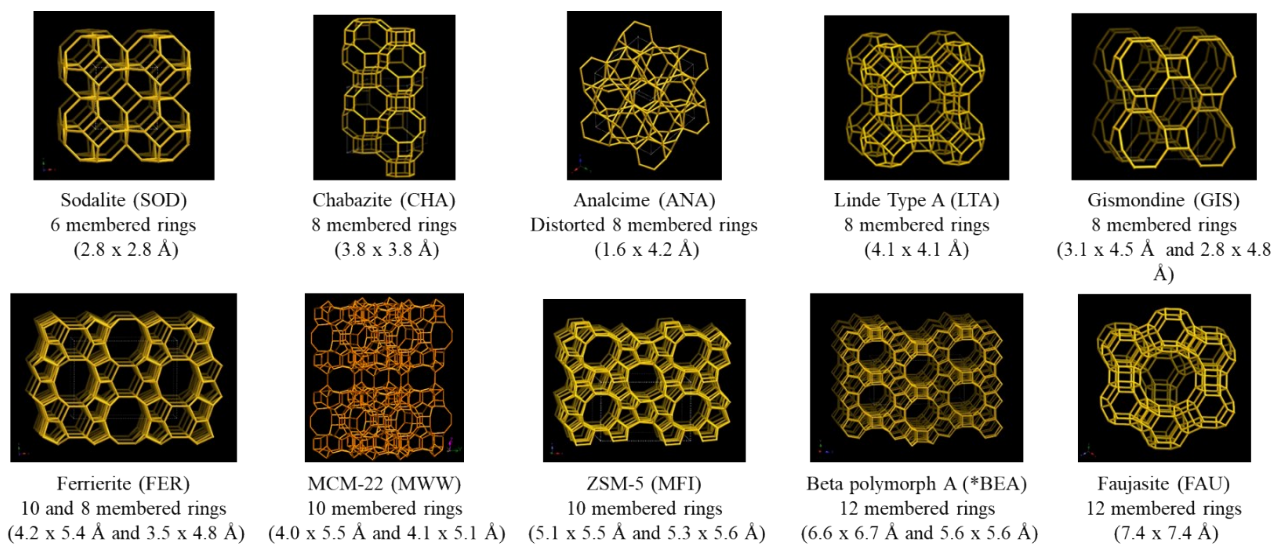
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Table S1. Typical zeolites used as encapsulants for metal active sites in the selective

Zeolite	Channel composition	Aperture
Sodalite (SOD)	6 membered rings	2.8 x 2.8 Å
Chabazite (CHA)	8 membered rings	3.8 x 3.8 Å
Analcime (ANA)	Distorted 8 membered rings	1.6 x 4.2 Å
Linde Type A (LTA)	8 membered rings	4.1 x 4.1 Å
Gismondine (GIS)	8 membered rings	3.1 x 4.5 Å and 2.8 x 4.8 Å
Ferrierite (FER)	10 and 8 membered rings	4.2 x 5.4 Å and 3.5 x 4.8 Å
MCM-22 (MWW)	10 membered rings	4.0 x 5.5 Å and 4.1 x 5.1 Å
ZSM-5 (MFI)	10 membered rings	5.1 x 5.5 Å and 5.3 x 5.6 Å
Beta polymorph A (*BEA)	12 membered rings	6.6 x 6.7 Å and 5.6 x 5.6 Å
Faujasite (FAU)	12 membered rings	7.4 x 7.4 Å

hydrogenation reactions.

**Figure S1.** Typical zeolites used as encapsulants for metal active sites in the selective hydrogenation reactions.