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INVITED REVIEW PAPER

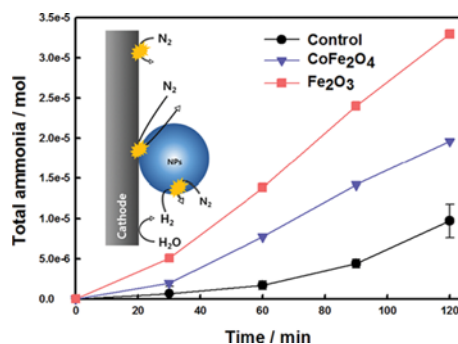
- Heon-Ho Jeong, David Issadore, 1757 Recent developments in scale-up of microfluidic emulsion generation via parallelization
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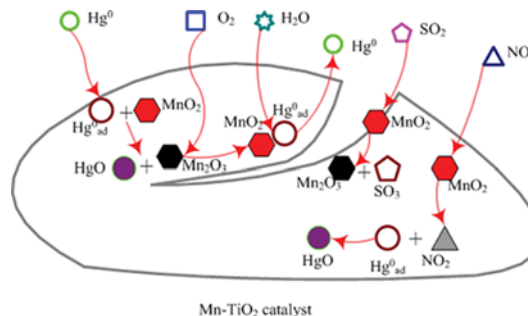
- Kyung-Won Jeon, Dae-Woon Jeong, 1781 Preferential CO oxidation over supported Pt catalysts
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- Suenghoon Han, Gyu-Sik Chae, 1799 Enhanced activity of carbon-supported PdCo electrocatalysts toward electrooxi-
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- Sang Do Yook, Raul Sanchez Sanchez, 1805 Effects of the ratio of carbon to nitrogen concentration on lipid production by bac-
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- Taesung Jung, Jong-Nam Kim, 1813 Influence of polymeric additives on paraffin wax crystallization in model oils
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- Jingtao Zhi, Xianqun Yu, Jingjing Bao, Xiaoxiang Jiang, and Hongmin Yang 1823 **Catalytic oxidation and capture of elemental mercury from simulated flue gas using Mn-doped titanium dioxide**



- Ulziidelger Byambasuren, Yukwon Jeon, Dorjgotov Altansukh, Yunseong Ji, and Yong-Gun Shul 1831 **The particle size effect of N-doped mesoporous carbons as oxygen reduction reaction catalysts for PEMFC**
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- Jieun Kim, Changjoo Yeom, and Younghun Kim 1855 **Electrochemical degradation of organic dyes with a porous gold electrode**

BIOTECHNOLOGY

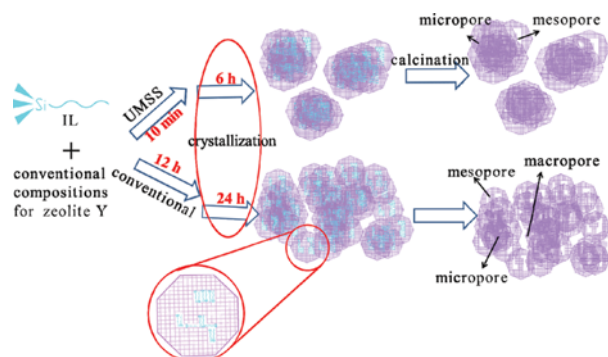
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- Il Lae Jung, Young Chan Park, and Doo Hyun Park 1865 **Bio-electrochemical conversion of atmospheric N₂ to ammonium using free-living diazotrophs**
- Dubok Choi, YuLan Piao, Sun-Jong Yu, Yeon-Woong Lee, Dong-Hoon Lim, Young-Cheol Chang, Sang-Shin Park, Myung-Koo Lee, Wol-Suk Cha, Don-Sang You, and Hoon Cho 1872 **Antihyperglycemic and antioxidant activities of polysaccharide produced from *Pleurotus ferulae* in streptozotocin-induced diabetic rats**

SEPARATION TECHNOLOGY, THERMODYNAMICS

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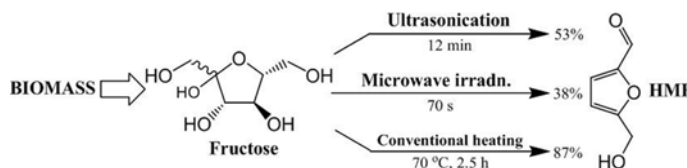
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 Yuki Asami, and Ryo Ohmura

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 Mohammad Jalal Zohuriaan-Mehr, Hossein Bouhendi, and Gholam Bagheri-Marandi



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