

PUBLICATIONS

Papers

- [1] Dung Van Vu, Manabu Miyamoto, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama; “Selective formation of *para*-xylene over H-ZSM-5 coated with polycrystalline silicalite crystals”, **Journal of Catalysis**, 243 (2006) 389-394
- [2] Dung Van Vu, M. Miyamoto, Norikazu Nishiyama, Satoshi Ichikawa, Yasuyuki Egashira, Korekazu Ueyama; “Catalytic activities and structures of silicalite-1/HZSM-5 zeolite composites”, **Microporous and Mesoporous Materials**, 115 (2008) 106-112.
- [3] Dung Van Vu, Manabu Miyamoto, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama; “Morphology control of silicalite/HZSM-5 composite catalysts for the formation of *para*-xylene”, **Catalysis letters**, 127 (2009) 233-238.
- [4] Dung Van Vu, Yuichiro Hirota, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama; “High propylene selectivity in the methanol-to-olefin reaction over H-ZSM-5 catalyst treated with phosphoric acid” **Journal of the Japan petroleum institute**, 53 (2010), 232-238.
- [5] Norikazu Nishiyama, Masumi Kawaguchi, Yuichiro Hirota, Dung Van Vu, Yasuyuki Egashira, Korekazu Ueyama; “Size Control of SAPO-34 Crystals and Their Catalyst Lifetime in the Methanol-to-Olefin Reaction” **Applied Catalysis A**. 362 (2009) 193-199.
- [6] Vũ Văn Dũng, Nguyễn Thị Kim; “Nghiên cứu chế tạo cốt liệu giàu mulít làm nguyên liệu sản xuất bê tông chịu lửa và gạch chịu lửa cao nhôm” **Tạp chí nghiên cứu và phát triển vật liệu xây dựng**, 1 (2012), 17-22.
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- [8] Hoàng Lê Anh, Vũ Văn Dũng; “Nghiên cứu và phát triển bê tông chịu lửa chất lượng cao tại Việt Nam” **Tạp chí nghiên cứu và phát triển vật liệu xây dựng**, 4 (2013), 26-30.
- [9] Vũ Văn Dũng, Trần Thị Minh Hải, Nguyễn Thị Kim; “Nghiên cứu bê tông chịu lửa chứa các bon cho ngành công nghiệp luyện kim” **Tạp chí nghiên cứu và phát triển vật liệu xây dựng**, 1 (2018), 28-37.
- [10] Vũ Văn Dũng, Trần Thị Minh Hải, Nguyễn Thị Kim; “Nghiên cứu sử dụng nano silica làm chất kết dính chế tạo bê tông chịu lửa bền hóa cao cấp” **Tạp chí nghiên cứu và phát triển vật liệu xây dựng**, 3+4 (2019), 41-51.

International Conferences

- [1] Dung Van Vu, Norikazu Nishiyama, Manabu Miyamoto, Yasuyuki Egashira, Korekazu Ueyama, “The Formation of para-Xylene over Single and Poly-Crystalline Silicalite/HZSM-5 Composite Catalysts”, The international symposium on Zeolite and Microporous Crystals 2009 (ZMPC), Tokyo, Japan, 2009 (Poster).
- [2] Dung Van Vu, Manabu Miyamoto, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama, “Core-shell zeolite composite catalysts for production of p-xylene”, Proceedings of Recent Research Report (RRR)-The 4th International FEZA (Federation of European Zeolite Associations), Paris, France, 2008 (Poster).
- [3] Dung Van Vu, Norikazu Nishiyama, Manabu Miyamoto, Yasuyuki Egashira, Korekazu Ueyama, “Synthesis of nano-sized HZSM-5 and silicalite-1/HZSM-5 catalysts”, Proceeding of the 1st International Global COE Symposium on Bio-Environmental Chemistry (GCOEBEC-1), Osaka, Japan, 2008 (Oral).
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- [5] Dung Van Vu, Manabu Miyamoto, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama, “Catalytic Activities of Silicalite-1/HZSM-5 Zeolite Composites in Alkylation and MTO Reactions” Proceedings of the 4th International Zeolite Membrane Meeting (IZMM4), Zaragoza, Spain, 2007 (Oral).
- [6] Dung Van Vu, Manabu Miyamoto, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama, “A silicalite Film Coating on ZSM-5 Catalysts for Selective Production of p-Xylene”, Proceedings of the 3rd Vietnamese-Japanese Students’ Scientific Exchange Meeting (VJSE), Kobe, Japan, 2006 (Poster).
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- [8] Dung Van Vu, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama, “Core-shell zeolite composite catalyst for the selective formation of p-xylene”, the meeting of the petroleum society of Japan, Tokyo, 2009 (Poster).
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[10] Dung Van Vu, Manabu Miyamoto, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama “Synthesis of nanoscale ZSM-5 crystals by incorporating Al species dissolved from FAU type zeolite and $\alpha\text{Al}_2\text{O}_3$. The Overseas Vietnamese Chemistry & Chemical Technology Conference, Paris, France, 2008 (Contribution paper).

[11] Manabu Miyamoto, Dung Van Vu, Norikazu Nishiyama, Yasuyuki Egashira, Korekazu Ueyama, “Selective Formation of *para*-Xylene over H-ZSM-5 coated with polycrystalline silicalite crystals”, Proceedings of the International COE Symposium on Bio-Environmental Chemistry, Osaka, Japan, 2006 (Oral).

[12] Dung Van Vu “Zeolite composites for shape selective reactions” Proceedings of the 2nd Vietnamese-Japanese Students Scientific Exchange Meeting (VJSE), Osaka, Japan, 2005 (Poster).

[13] Chất xúc tác Zeolite MFI cho chọn lọc sản phẩm *para*-xylene, Tuyển tập báo cáo hội nghị KHCN Viện dầu khí Việt Nam, Hà Nội, 2013 (Oral).