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## CURRICULUM VITAE

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**Publications:**

1. Pangon, A., Totsatitpaisan, P., Eiamlamai, P., Hasegawa, K., Yamasaki, M., Tashiro, K. and Chirachanchai, S. Systematic Studies on Benzimidazole Derivatives: Molecular Structures and their Hydrogen Bond Networks Formation toward Proton Transfer Efficiency. Journal of Power Sources 196 (2011) 6144–6152.
2. Pangon, A., Tashiro, K., and Chirachanchai, S. Polyethylenimine Containing Benzimidazole Branching: A Model System Providing a Balance of Hydrogen Bond Network or Chain Mobility Enhances Proton Conductivity. The Journal of Physical Chemistry B, In press.
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**Proceedings:**

1. Pangon, A., Tashiro, K., and Chirachanchai, S. (2011, June 26 – July 1) Branching Polyethylenimine Functionalized with Methylbenzimidazole: An Approach to Enhance Proton Conductivity via Multi-direction of Heterocycles. European Polymer Congress, Granada, Spain (Poster presentation).
2. Pangon, A., Tashiro, K., and Chirachanchai, S. (2011, March 25-26) Enhancement of Proton Conductivity through a Nanoprotonic Channel of Multi-benzimidazole Branching. The 3<sup>rd</sup> PKU-CU Nano Bilateral Seminar, Bangkok, Thailand.
3. Pangon, A., Chirachanchai, S., Totsatitpaisan, P., Eiamlamai, P., and Tashiro, K. (2009, December 15-18) Investigation of Protonic Channel Through A Systematic Study of Benzimidazole Derivatives. The 3<sup>rd</sup> European Fuel Cell Technology & Applications Conference Piero Lunghi Conference, Rome, Italy.

**Presentations:**

1. Pangon, A., Tashiro, K., and Chirachanchai, S. (2011, June 26 – July 1) Branching Polyethylenimine Functionalized with Methylbenzimidazole: An Approach to Enhance Proton Conductivity via Multi-direction of Heterocycles. European Polymer Congress, Granada, Spain (Poster presentation)
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