

---

---

JOURNAL OF CHEMICAL ENGINEERING OF JAPAN 掲載論文, Vol.55, No.3 (2022)

---

---

[Physical Properties and Physical Chemistry]

Controllable Nanostructure of Block-Copolymer for Proton Exchange Membranes .....121  
Yue Zhao, Shixiong Zhao, Yuxin Wang, Jing Ming Ren and Paul Gurr

[Transport Phenomena and Fluid Engineering]

Effect of Power-Law Index and Shape on the Onset of Flow Separation ..... 132  
Garima Mishra and Rajendra P. Chhabra

[Particle Engineering]

Effects of Polymer Branching Structure on the Hydrodynamic Adsorbed Layer Thickness Formed on Colloidal Particles  
.....148  
Voon Huey Lim, Muhammad Vito Brata and Yasuhisa Adachi

[Process Systems Engineering and Safety]

Gray-Box Model-Based Predictive Control of Czochralski Process with Successive Model Update .....154  
Shota Kato, Sanghong Kim, Masahiko Mizuta and Manabu Kano

[Energy]

Simulation of a Thin Film Solid Oxide Fuel Cell System Equipped with an Internal Fuel Reforming Unit .....162  
Yuji Tsuda, Norihisa Shinke and Mitsuaki Echigo

---