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49) A Large Nylon Capsule coated with a Synthetic Bilayer Membranes. Permeability Control of NaCl by Phase Transition of the Dialkylammonium Bilayer Coatings
Y. Okahata, H-J. Lim, G. Nakamura, and S. Hachiya

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47) Signal Receptive Capsule Membrane. Ca2+-induced Permeability Control of Large Nylon Capsule coated with Synthetic Bilayer Membranes
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48) Photoresponsive Capsule Membranes. Permeability Control of NaCl from a Nylon Capsule coated with a Synthetic Bilayer Membrane containing an Azo–chromophore
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51) Ultrasound Responsive Permeability Control of Bilayer–coated Capsule Membranes
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45) Selective Storage and Permeation of NaOH and HCl across a Capsule Membrane Coated with Charged Synthetic Bilayers.
Y. Okahata, G. Nakamura, S. Hachiya, H. Noguchi, and H-J. Lim

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58) Bilayer–coated Capsule Membranes Part 2. Photoresponsive Permeability Control of Sodium Chloride across a Capsule Membrane
Y. Okahata, H-J. Lim, and S. Hachiya

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60) Functional Capsule Membranes 8. Signal Receptive Permeability Control of NaCl from a Large Nylon Capsule coated with Phospholipid Bilayers
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59) Bilayer–coated Capsule Membranes IV. Control of NaCl Permeability by Phase Transition of Synthetic Bilayer Coatings
   Y. Okahata, H-J. Lim, S. Hachiya, and G. Nakamura

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64) pH–Sensitive Capsule Membranes. Reversible Permeability Control from the Dissociative Bilayer–coated Capsule Membrane by an Ambient pH Changes.
   Y. Okahata and T. Seki

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63) Activity Control of an Enzyme immobilized on a Capsule Membrane with Synthetic Bilayers
   Y. Okahata, S. Hachiya, and T. Seki

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61) pH–Sensitive Permeation of Ionic Fluorescent Probes from Nylon Capsule Membranes
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56) pH–Responsive Permeation of Bilayer–coated Capsule Membranes by Ambient pH Changes
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68) Permeation of Fluorescent Probes at Phase Transitions from Bilayer–coated Capsule Membranes
   Y. Okahata, N. Iizuka, G. Nakamura, and T. Seki

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69) Selective pH–Gradient Formation across a Capsule Membrane corked with Charged Synthetic Bilayers.
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70) Controlled Release from a Large Nylon Capsule membrane corked with 
Phosphatidylethanolamine Bilayers: Effect of Temperature, pH and Concentration of Ca2+ 
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T. Seki, and Y. Okahata

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71) Permeation Control of Ionic Fluorescent Probes by Ambient pH Changes from Nylon 
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76) The Electrical Breakdown and Permeability Control of a Bilayer–corked Capsule Membrane 
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Y. Okahata, S. Hachiya, K. Ariga, and T. Seki


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90) Polymerizable Lipid–Corked Capsules. Polymerization at Different Positions of Corking Lipid 
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Y. Okahata, K. Ariga, and T. Seki


A）二分子膜被覆カプセル膜 に関する研究 1 報

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Functional Capsule Membranes 1

44) Permeability of Large Polyamide Microcapsule coated with Synthetic Bilayer Membranes

Y. Okahata, S. Hachiya, and G. Nakamura