

Publication List

1. Tsutomu Furuya, Hiroyuki Kojima, Koji Nishida, Yoshiki Fukutani, Ayaka Mutaguchi, and Tsuyoshi Koga
Small-Angle Light Scattering Instrument with Wide Scattering Vector and Wide Dynamic Ranges
J. Fiber Sci. Technol., 79, 32–46, 2023.
2. Hiroyuki Kojima, Yuji Imamura, Yangtian Lu, Shigeru Yamago, and Tsuyoshi Koga
Experimental and Theoretical Studies on the Phase Behavior of Aqueous Solutions of Structurally Controlled Hyperbranched Poly(*N*-isopropylacrylamide)s
Macromolecules, 55, 7932–7944, 2022.
3. Hiroyuki Kojima
Studies on the Phase Transition of Hydrogels and Aqueous Solutions of Thermosensitive Polymers
Polymer Journal, 50, 411–418, 2018.
4. Hiroyuki Kojima and Tsuyoshi Koga
Statistical Thermodynamic Theory of Heat-Induced Gelation of Aqueous Methylated Polyrotaxane Solutions
Macromolecules, 49, 7015–7024, 2016.
5. Hiroyuki Kojima and Fumihiko Tanaka
Nonlinear Depression of the Lower Critical Solution Temperatures in Aqueous Solutions of Thermosensitive Random Copolymers
Journal of Polymer Science Part B: Polymer Physics, 51, 1112–1123, 2013.
6. Hiroyuki Kojima, Fumihiko Tanaka, Christine Scherzinger, and Walter Richtering
Temperature dependent phase behavior of PNIPAM microgels in mixed water/methanol solvents
Journal of Polymer Science Part B: Polymer Physics, 51, 1100–1111, 2013.
7. Hiroyuki Kojima and Fumihiko Tanaka
Reentrant Volume Phase Transition of Cross-Linked Poly(*N*-isopropylacrylamide) Gels in Mixed Solvents of Water/Methanol
Soft Matter, 8, 3010–3020, 2012.
8. Fumihiko Tanaka, Tsuyoshi Koga, Hiroyuki Kojima, Na Xue, and Françoise M. Winnik
Preferential Adsorption and Co-nonsolvency of Thermoresponsive Polymers in Mixed Solvents of Water/Methanol
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9. Fumihiko Tanaka, Tsuyoshi Koga, Hiroyuki Kojima, and Françoise M. Winnik
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Chinese J. Polym. Sci., 29, 13–21, 2011.
10. Hiroyuki Kojima and Fumihiko Tanaka
Cooperative Hydration Induces Discontinuous Volume Phase Transition of Cross-Linked Poly(*N*-isopropylacrylamide) Gels in Water
Macromolecules, 43, 5103–5113, 2010.
11. Fumihiko Tanaka, Tsuyoshi Koga, Hiroyuki Kojima, and Françoise M. Winnik
Temperature- and Tension-Induced Coil-Globule Transition of Poly(*N*-isopropylacrylamide) Chains in Water and Mixed Solvent of Water/Methanol
Macromolecules, 42, 1321–1330, 2009.