



[Chemical and Biological Engineering](#) > TAKATA Youichi



TAKATA Youichi

Organization	Chemical and Biological Engineering
Position	Associate Professor
Academic Title	Doctor(Science)
Research Fields	Thermodynamics、 Surface Chemistry、 Colloid Chemistry

<< Research Subjects >>

1. [Study on synthesis of novel surfactant and its adsorption behavior at air/water surface](#)
2. [Study on composite preparation utilizing surfactant aggregates](#)
3. [Study on characterization of solid surface and wetting behavior of liquid under electric field](#)

<< Academic Activities >>

Papers and Notes

1. [Yasutaka Ushijima, Baku Ushijima, Eisuke Ohtomi, Youichi Takata, Takanori Takiue, Makoto Aratono, Hiroki Matsubara: "Line tension at freezing transition of alkane wetting film on aqueous surfactant solutions", Colloids and Surfaces A: Physicochemical and Engineering Aspects, Vol.390, No.1-3, pp.33-39 \(2011\)](#)
2. [Hiroki Matsubara, Yosuke Ikebe, Yasutaka Ushijima, Youichi Takata, Takanori Takiue, Makoto Aratono: "First-Order Wetting Transition and Line Tension of Hexadecane Lens at Air/Water Interface Assisted by Surfactant Adsorption", Bulletin of the Chemical Society of Japan, Vol.83, No.10, pp.1198-1202 \(2010\)](#)