

Eiji Hatta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Statistical mechanical determination of nanocluster size distributions in the phase coexistence region of a first order phase transition from the isotherms of DMPC monolayers at the air-water interface. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 22543-22550.	2.8	0
2	Emergence of a linear slope region of the isotherm in the first-order liquid-expanded-liquid-condensed phase transition in Langmuir monolayers. <i>Physical Review E</i> , 2019, 100, 022801.	2.1	5
3	Dislocation-Mediated Deformation in Solid Langmuir Monolayers: Plastic Bending and Tilt Boundary. <i>Langmuir</i> , 2015, 31, 9597-9601.	3.5	1
4	Distribution of cooperative unit size of amphiphilic molecules in the phase coexistence region in Langmuir monolayers. <i>Journal of Colloid and Interface Science</i> , 2013, 391, 111-115.	9.4	4
5	Surface Tension Driven Instabilities in Single-Component Saturated Fatty Acid Membrane Tubes. <i>Langmuir</i> , 2011, 27, 10400-10406.	3.5	1
6	Anomalous Diffusion of Fatty Acid Vesicles Driven by Adhesion Gradients. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8571-8577.	2.6	13
7	Division and Fusion, Extension, Adhesion, and Retraction of Vesicles Created through Langmuir Monolayer Collapse: Cell-like Behavior. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10155-10159.	2.6	5
8	Alignment of Inverse Boojums in a Langmuir Monolayer. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 3124-3125.	1.6	0
9	String Defects Connecting Pairs of Half-Integer Disclinations and Tilting Transition of a Langmuir Monolayer. <i>Journal of Physical Chemistry B</i> , 2005, 109, 2801-2804.	2.6	7