

Introduction and History, D.D. Lasic

Elastic Properties of Closed Bilayer Membranes and the Shapes of Giant Phospholipid Vesicles

Shapes of Fluid Vesicles

Vesicles of Complex Topology

Computer Simulation of the Thermodynamic and Conformational Properties of Liposomes

Molecular Theory of Acyl Chain Packing in Lipid and Lipid-Protein Membranes

On the Mechanisms of the Lamellar- $\frac{1}{2}$ Hexagonal HII Phase Transition and the Biological Significance of the HII Propensity

Computational Molecular Models of Lipid Bilayers Containing Mixed-Chain Saturated and Monounsaturated Acyl Chains

Properties of Mixed-Chain Length Phospholipids and Their Relationship to Bilayer Structure

Aggregation Properties of Gangliosides: Micelles and Vesicles

Interaction of Membranes in the Presence of Divalent Cations

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