

Biomimetic membranes for sensor and separation applications

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20425011&lokasi=lokal>

Abstrak

This book addresses the possibilities and challenges in mimicking biological membranes and creating membrane-based sensor and separation devices. Recent advances in developing biomimetic membranes for technological applications will be presented with focus on the use of integral membrane protein mediated transport for sensing and separation.