

Publication

Ambient-pressure scanning probe microscopy of 2D regular protein arrays

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 171271

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Year 1992

Title Ambient-pressure scanning probe microscopy of 2D regular protein arrays

Journal Ultramicroscopy

Volume 42

Number Part B

Pages / Article-Number 1118-1124

The topography of the hexagonally packed intermediate layer of Deinococcus radiodurans and 2D crystals reconstituted from porin-lipopolysaccharide complexes and phospholipids were imaged using a scanning tunneling microscope and a scanning force microscope at ambient pressure. The results are compared with images obtained by electron microscopy and image processing.

Publisher Elsevier

ISSN/ISBN 0304-3991

edoc-URL <http://edoc.unibas.ch/dok/A5839519>

Full Text on edoc No;

Digital Object Identifier DOI 10.1016/0304-3991(92)90412-D

ISI-Number WOS:A1992JM42300027

Document type (ISI) Article