

Crystallization and Assembly at Interfaces

MRS Advances Volume 9, Issue 13

Various Dates and Locations

ISBN: 979-8-3313-0263-4

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2024) by Springer Nature
All rights reserved.

Printed with permission by Curran Associates, Inc. (2024)

For permission requests, please contact Springer Nature
at the address below.

Springer Nature
The Campus 4 Crinan St.
London N1 9XW
United Kingdom

www.springernature.com

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Crystallization and Assembly at Interfaces: Celebrating the Achievements of a Vibrant Research Community..... <i>Jingshan S. Du ; Xin Qi ; Soyoung E. Seo ; Shuai Zhang ; Olaf J. Borkiewicz</i>	1037
Modulating Ion-Binding at Macromolecular Interfaces During (bio)mineralization: A Snapshot Review for Calcium Carbonate and Calcium Phosphate Systems..... <i>Brenna M. Knight ; Christina A. McCutchin</i>	1039
A Snapshot Review of the Crystallization of Polymer Chains Complexed by Small Molecules Focusing on Poly(4-Vinylpyridine) Systems: Opportunities and Challenges..... <i>Nayanathara Hendeniya ; Shaghayegh Abtahi ; Gabriel Mogbojuri ; Caden Chittick ; Boyce Chang</i>	1048
A Snapshot Review of Electric Field's Role in Crystallization at Electrochemical Interfaces..... <i>Mihir Parekh ; Shuhua Shan ; Morteza Sabet ; Christopher D. Rahn ; Apparao M. Rao</i>	1058
A Snapshot Review of Nanostructure Synthesis and Operando Characterization..... <i>Zhiwei Li</i>	1067
A Snapshot Review of Dynamic Colloidal Nanoparticle Superlattices..... <i>Shengsong Yang ; Christopher B. Murray</i>	1077
A Snapshot Review on Soft Materials Assembly Design Utilizing Machine Learning Methods..... <i>Maya M. Martirossyan ; Hongjin Du ; Julia Dshemuchadse ; Chrisy Xiyu Du</i>	1088
Interfaces and Soft Confinement Promote Crystallization in Polymer Nanodroplets	1102
<i>Caleb Liu ; Anderson D. S. Duraes ; Elaine L. Jiao ; Wenlin Zhang</i>	
Effect of Light Intensity on Nanoparticle Nucleation During Printing of Silver Micropatterns Via Superluminescent Light Projection	1109
<i>Jungho Choi ; Sourabh K. Saha</i>	

Author Index