

Soft Materials and Biomaterials

MRS Advances Volume 8, Issue 8

Held Various Dates and Locations

ISBN: 978-1-7138-7679-3

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© (2023) by Springer Nature
All rights reserved.

Printed with permission by Curran Associates, Inc. (2023)

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

A Novel Route for Anoxygenic Polymerization of Dopamine Via Purple Photosynthetic Bacteria Metabolism.....	423
<i>Rossella Labarile, Maria Varsalona, Danilo Vona, Paolo Stufano, Matteo Grattieri, Gianluca M. Farinola, Massimo Trotta</i>	
Silk Fibroin Molecularly Imprinted Nanoparticles as Biocompatible Molecular Nanotraps: Molecular Recognition Ties the Knot with Biomaterials. The bioMIP's Labeling and Degradation	429
<i>David Maniglio, Francesca Agostinacchio, Alessandra M. Bossi</i>	
Dynamic Motion of Air Bubble on Micro-Structured Surfaces by Novel Dynamic Wettability Evaluation Method Under Liquid Media.....	435
<i>Honoka Sugiyama, Maria Inukai, Daisuke Ishii</i>	
Detection of Acetone Vapours Using Solution-Processed Tin Oxide Thin-Film Transistors	440
<i>Lauren R. Miller, Robert J. Borthwick, Paloma L. Dos Santos, Mujeeb U. Chaudhry</i>	
Hierarchically Designed Sticky Thermoelectric Materials to Fabricate Thinner Peltier Sheets and Device Architectures	446
<i>Norifusa Satoh, Masaji Otsuka, Jin Kawakita</i>	
Studies of FET Mobility Versus Iodine Doping of P3HT.....	451
<i>Latonya R. Waller, Sam-Shajing Sun, Makhes Behera, Messaoud Bahoura</i>	
Stacked Rigid and Compliant Dielectric Structures for Increasing Force Range in Soft Capacitive Sensors	457
<i>Kieran Morton, Ryusuke Ishizaki, Bertille Dupont, Zi Chen, Austin Weir, Han Nguyen, John D. W. Madden</i>	
Elastomeric Biodegradable Starch/Bentonite Nanocomposites Plasticized with Glycerol.....	464
<i>A. Reyes-Mayer, L. M. Rueda-Bravo, M. Calixto-Rodriguez, A. Romo-Uribe</i>	
Correction: Bioinspired Synthesis of Thermally Stable and Mechanically Strong Nanocomposite Coatings.....	469
<i>Guangping Xu, Hongyou Fan, Chad A. McCoy, Melissa M. Mills, Jens Schwarz</i>	

Author Index