

Structural and Functional Materials

MRS Advances Volume 7, Issue 9

Held Various Dates and Locations

ISBN: 978-1-7138-6680-0

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© (2021) 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 3D-Printed Instrumented Surfboard Fin for Measuring Fin Flex.....	175
<i>Pawel Krzyzanowski, Marc in het Panhuis</i>	
Growth of Carbon Nanotubes from Ethylene Using Catalyst Particles that Incorporate Diffusion Inhibitor Metals	180
<i>Michael J. Bronikowski</i>	
Modeling Atomic Layer Deposition of Alumina Using Reactive Force Field Molecular Dynamics	185
<i>Devon Romine, Ridwan Sakidja</i>	
Inkjet-Printed Paper-Based Surface Enhanced Raman Scattering (SERS) Sensors for the Detection of Narcotics	190
<i>Li-Lin Tay, Shawn Poirier, John Hulse</i>	
Porosity and Surface Defects Characterization of Hot Isostatically Pressed Inconel 718 Alloy Turbine Blades Printed by 3D Laser Metal Fusion Technology	197
<i>D. A. Lesyk, S. Martinez, A. Lamikiz</i>	

Author Index