

Journal of Materials Education

PUBLICATION AND SUBSCRIPTION INFORMATION

Annual Subscription Rates for Volume 39 (2017), and Volume 40 (2018)

- For libraries and institutions US\$ 510 / year
- For individuals whose institution subscribes at the library rate US\$ 95 / year

All prices include international air mail where applicable.

Orders

Orders should be sent to the Publisher at the address below. Payment should be made by check in US\$, paid to "University of North Texas", and marked "for ICME".

International Council on Materials Education
Attn.: Ms. Nathalie Hnatchuk, Materials Dept.
University of North Texas Discovery Park
3940 North Elm Street
Denton, TX 76207, USA

Tel.: +1 (940) 565-4358
Fax: +1 (940) 565-4824
e-mail: icme@marta.phys.unt.edu

We can assume no responsibility for successful delivery of our shipments to addresses outside the USA. If you require shipping to a region of the world where receipt of goods is a problem, we recommend that you order via a subscription service or re-mailing service. Libraries in your area should be able to help you to locate a reliable U.S. agent.

REPRODUCTION RIGHTS

Purchase of a subscription automatically confers reproduction rights upon the subscriber and all members of the subscriber's institution. All other rights are reserved. Reproduction for use outside the subscribing institution is prohibited without permission of the copyright owner.

PUBLISHER

JME is published by the International Council on Materials Education, with offices at the address above, and also at the Center for Applied Physics and Advanced Technology Center, National Autonomous University of Mexico, A.P.I.-1010, Querétaro, Qro., Mexico 76000. meneses@servidor.unam.mx.

Copyright © 2017 The International Council on Materials Education

ISSN: 0738-7989

Produced at the University of North Texas for the International Council on Materials Education

Individual Articles

A Simple Demonstration of Environmental Sonochemistry
 Hamed Eskandarloo, Bahar Mehrad, Arkaye Kierulf, Alireza Abbaspourrad
 Department of Food Science, Cornell University, Ithaca, New York, USA 91

The Educational Approach for Introducing Contemporary Materials Science Research to High School Mathematics
 Natalija Budinski ^a, Mirjana Jovicic ^b, Nevena Vukic ^b and Mladjan Popovic ^c
^aPetro Kuzmjak High School, Rusinska 63, Ruski Krstur, 25233, Serbia
^b Faculty of Technology, University of Novi Sad, Serbia
^c Faculty of Forestry, University of Belgrade, Serbia 99

Nanotechnology in the Physics Laboratory for Engineering Students
 José Abad ^a, Manuel Caravaca ^b and José Damián Catalá ^a
^aDepartment of Physics, Superior Technical School of Industrial Engineering, Technical University of
 Cartagena, Campus Muralla del Mar, Cartagena, Spain
^bUniversity Centre of Defence at the Spanish Air Force Academy, Santiago de la Ribera, Murcia, Spain 115

Polymers in the Production of CrudeOil: I. Experimental Discipline to Teach Laboratory Tests to Evaluate
 Polymers Performance
 Luciana S. Spinelli ^{a,b} and Elizabete F. Lucas ^{a,c}
^aUniversidade Federal do Rio de Janeiro, Instituto de Macromoléculas, Laboratório de Macromoléculas e
 Coloides na Indústria do Petróleo, Rio de Janeiro, Brasil.
^b Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brasil;
^c Universidade Federal do Rio de Janeiro, Laboratório de Aditivos Poliméricos para Produção
 de Petróleo, Rio de Janeiro, Brasil. 125

Book Review

“Materials, Introduction and Applications” by Witold Brostow and Haley Hagg-Lobland.
 John Wiley & Sons, 2017.
Review by
 Ahmad Saatchi,
 Faculty Associate, Materials Science and Engineering Department,
 University of Wisconsin-Madison, WI, US 131

Guidelines for Authors v