

Individual Articles

Origami Modeling of Triangular Bipyramidal and Seesaw Molecular Geometric Structures Dilek Çelikler, Zeynep Aksan and Zuhal Ünan Ondokuz Mayıs University, Samsun, Turkey	51
Enhancing the Teaching/Learning of Materials Mechanical Characterization by Using Virtual Reality D. Vergara ^a , M.P. Rubio ^b , F. Prieto ^b , and M. Lorenzo ^b ^a Catholic University of Avila, Spain ^b University of Salamanca, Spain	63
A Micro/Nano Engineering Laboratory Module on Superoleophobic Membranes for Oil-Water Separation Michael S.H. Boutelier ^a , Rahul Ramakrishnan ^a , Hussain Al-Quatani ^b , and Rohit Karnik ^a ^a Massachusetts Institute of Technology, Cambridge, USA. ^b King Fahd University of Petroleum and Minerals, Kingdom of Saudi Arabia	75
The Dana ^{2.0} Knowledge Base on Nanomaterials – Communicating Current Nanosafety Research Based on Evaluated Literature Data K. Nau ¹ , N. Bohmer ² , D. Kühnel ³ , C. Marquardt ¹ , F. Paul ⁴ , C. Steinbach ⁴ , and H.F. Krug ² ¹ Karlsruhe Institute of Technology, Germany ² Empa – Swiss Federal Laboratories for Materials Science and Technology, Switzerland ³ Helmholtz Centre for Environmental Research – UFZ, Leipzig, Germany ⁴ Society for Chemical Engineering and Biotechnology e.V. (DECHEMA), Frankfurt a.M., Germany	93
A Simple Educational Demonstration of Fabrication and Use of a Photocatalytic Microfluidic Reactor Hamid Eskandarloo ^a , Alireza Badiei ^a , Amirrasoul Tavakoli ^b , and Rob G.H. Lammertink ^c ^a University of Tehran, Iran ^b University of Illinois at Chicago, USA ^c University of Twente, The Netherlands	109
Teaching Nano-Surface Engineering Based on Comprehensive Cross-Disciplinary Curricula Tongyan Pan and Cheng Cheng Illinois Institute of Technology, Chicago, Illinois, USA	119
Shape Memory Metal Alloys in the Context of Teaching Smart Materials Hua Yang ^a , Aleksandra Fortier ^a , Kyle Horne ^a , Witold Brostow ^b , and Haley E. Hagg Lobland ^b ^a Mechanical & Energy Engineering Department, University of North Texas, Denton, Texas, USA ^b Materials Science & Engineering Department, University of North Texas, Denton, Texas, USA	149
Guidelines for Authors	v
Publication and Subscription Information	ix