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Book Review on Intelligent Nanomaterials

Ingemar Lundström

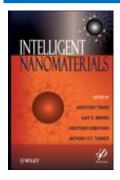
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Reviewer's Biography



Ingemar Lundström, professor in applied physics in Linköping since 1978 (emeritus since 2008), has established a research environment related to physics in biology, chemistry and medicine. Lundström and coworkers have for example contributed to new bio- and chemical sensor principles and -technologies, to the understanding of the interaction between biomolecules and materials, to the development and applications of conducting polymers and to ubiquitous sensor systems for safety, security, and medical diagnostic purposes. Lundström is a co-founder of the Swedish Sensor Centre (S-SENCE), and the multidisciplinary graduate school Forum Scientium. He has been and is involved in several (start-up) companies. He is a member of the Royal Swedish Academy of Sciences (KVA) and the Royal Swedish Academy of Engineering Sciences (IVA). Lundström has published about 500 scientific papers and holds several patents together with coworkers. Copyright © 2012 VBRI Press.



Book title: Intelligent Nanomaterials

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Dear Editor,

I would like to congratulate the Editors for this impressive collection of contributions on the front line of nanomaterial research. The volume covers both fundamental materials science and innovative applications of nanomaterials. The different chapters with their extensive reference lists should serve as extremely good sources for new as well as already established researchers in the area. The whole book or parts of it may also serve as a text for Ph.D. and master courses on nanomaterials. Almost any "intelligent nanomaterial" can be found in the volume and some are described in several of the chapters. Perhaps, I would have expected to find more entrances to graphene, one of the "intelligent nanomaterials" of our time. This little remark cannot blur the fact, however, that Intelligent Nanomaterials, edited by Tiwari, Mishra, Kobayashi and Turner, is an exceptionally valuable reference book for many researchers and students in materials science, nano- and biotechnology.

With best regards
Ingemar Lundström