


[DOWNLOAD PDF](#)

## Environmental Applications of Nanomaterials: Synthesis, Sorbents and Sensors

By Glen E. Fryxell, Guozhong Cao

Imperial College Press. Paperback. Book Condition: new. BRAND NEW, Environmental Applications of Nanomaterials: Synthesis, Sorbents and Sensors, Glen E. Fryxell, Guozhong Cao, This volume is concerned with functional nanomaterials: materials containing specific, predictable nanostructure whose chemical composition or interfacial structure enable them to perform a specific job - destroy, sequester or detect some material that constitutes an environmental threat. Nanomaterials have a number of features that make them ideally suited for this job: high surface area, high reactivity, easy dispersability, and rapid diffusion. The purpose of this book is to showcase how these features can be tailored to address some of the environmental remediation and sensing/detection problems faced today. The leading researchers contributing to this volume paint a picture of diverse synthetic strategies, structures, materials and methods. The book is organized into sections on nanoparticle-based remediation strategies, nanostructured inorganic materials (such as layered materials like the apatites), nanostructured organic/inorganic hybrid materials, and the use of nanomaterials to enhance the performance of sensors. The chemistries captured by the contributors form a rich and colorful tapestry.


[READ ONLINE](#)

[ 1.76 MB ]

### Reviews

*This ebook will be worth acquiring. It is actually written in basic phrases instead of hard to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Trystan Yundt**

*It is simple in study easier to fully grasp. It is definitely basic but unexpected situations within the fifty percent in the ebook. I am delighted to let you know that this is actually the finest publication i have got read inside my own life and could be the very best ebook for actually.*

-- **Destiny Walsh**

## Other Books

---



### **Symphonic Variations, Op. 78 / B. 70: Study Score (Paperback)**

Serenissima Music, United States, 2013. Paperback. Book Condition: New. 242 x 168 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Dvorak received a commission for this work in 1877 for a benefit concert to raise funds for the construction...

---



### **Southern Educational Review Volume 3 (Paperback)**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...

---



### **Nie Weiping Go the temple entry Exercises registered(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: Unknown in Publisher: Book Sea Press Information Original Price: \$ 25.00 Author: Publisher: Book Sea Press ISBN: 9787805508979...

---



### **Serenade for Winds, Op. 44 / B. 77: Study Score (Paperback)**

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 240 x 166 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Dvorak composed this deservedly popular work 1878 shortly after the premiere of his opera The Cunning Peasant. Scored...

---



### **Czech Suite, Op.39 / B.93: Study Score (Paperback)**

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Composed rapidly during April of 1879 in the wake of his success with the two serenades (Opp.22 and...

---



### **Scherzo Capriccioso, Op.66 / B.131: Study Score (Paperback)**

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The Scherzo capriccioso was composed in the same period (1883-84) as the Symphony No.7, Op.70 and the Piano...