

# Nanowires Reprint

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the current research of gan nanowires on diamond substrates is reviewed and extended by recent results. both the self-assembled and the selective area growth ...

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### **MEASUREMENT OF STRAIN IN INGAN/GAN NANOWIRES AND NANOPYRAMIDS**

*Sat, 07 Jan 2017 02:44:00 GMT*

measurement of strain in ingan/gan nanowires ... 1 n/gan nanowires (nws) and nano-electronic reprint. pyramids grown at lund university and glo ab, respec-tively.

### **MECHANICAL PROPERTIES OF NANOWIRES AND NANOBELTS M**

*Sat, 13 May 2017 17:26:00 GMT*

mechanical properties of nanowires and nanobelts zhong lin wang georgia institute of technology, atlanta, georgia, u.s.a. introduction because of the high size and ...

### **SILICON NANOWIRES AS EFFICIENT THERMOELECTRIC MATERIALS**

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### **POLYTYPISM IN GAAS NANOWIRES: DETERMINATION OF THE ...**

*Sun, 14 May 2017 00:49:00 GMT*

closed simultaneously. heating of the substrate was stopped, and its temperature was ramped down to 100 c in 8 min. in fig. 2, post-growth ex situ sem images of both ...

### **NANOWIRE SENSORS FOR MEDICINE AND THE LIFE SCIENCES**

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for reprint orders, please contact: review reprints@futuremedicine ... nition groups to the surface of the nanowire (figure 2c). silicon nanowires with their native

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nanostructured materials are promising candidates for chemical sensors due to their fascinating physicochemical

properties. ... sb nanowires. reprint from

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*Sun, 16 Apr 2017 19:09:00 GMT*

nanowires are shifted to larger degrees compared to the diffraction peaks of tenanowires, ruling out the possibility of phase separation and thus preliminarily ...

### **TEMPLATE ELECTRODEPOSITION OF MAGNETIC NANOWIRE ARRAYS**

*Sat, 29 Apr 2017 22:29:00 GMT*

template electrodeposition of magnetic nanowire arrays 3 will discuss ferromagnetic and magnetic superlattice nanowires electrodeposited in both types of the templates.

### **SELF-ASSEMBLED GAN NANOWIRES ON DIAMOND - NANO LETTERS ...**

*Sat, 06 May 2017 13:23:00 GMT*

we demonstrate the nucleation of self-assembled, epitaxial gan nanowires (nws) on (111) single-crystalline diamond without using a catalyst or buffer layer.

### **INFRARED PROPERTIES OF RANDOMLY ORIENTED SILVER NANOWIRES**

*Sat, 06 May 2017 11:07:00 GMT*

this is an electronic reprint of the original article. ... nanowires might be tailored by opportunely assessing preparation condition, such as the metal

### **FABRICATION MAGNETIC PROPERTIES METALLIC NANOWIRES - SCIENCE**

*Tue, 15 Nov 2016 13:41:00 GMT*

arrays of metallic nanowires t. m. whitney, j. s. jiang, p. c. searson,\* c. l. chien\* arrays of ferromagnetic nickel and cobalt nanowires have been fabricated by electro-

### **SURFACE CHEMISTRY AND ELECTRICAL PROPERTIES OF GERMANIUM ...**

*Wed, 30 Nov 2016 20:26:00 GMT*

genws with a hole mobility on the order of 600 cm<sup>2</sup>/(v s), approaching that of 1800 cm<sup>2</sup>/(v s) for bulk ge.4 the high surface areas of nanotubes and nanowires suggest

### **COAXIAL SILICON NANOWIRES AS SOLAR CELLS AND ...**

*Tue, 07 Feb 2017 04:59:00 GMT*

july 9, 2010 18:43 wpsc — materials for sustainable energy — reprint volume book — trim size:- 11in x 8.5in mse-main 58 coaxial silicon nanowires as solar cells and

### **A REVIEW ON ELECTRONIC AND OPTICAL PROPERTIES OF SILICON ...**

*Fri, 14 Sep 2012 23:59:00 GMT*

electronic and optical properties of silicon nanowire (sinw) obtained from theoretical studies and experimental approaches have been reviewed.

### **R MOLYBDENUM NANOWIRES BY ELECTRODEPOSITION - SCIENCE**

*Sun, 11 Dec 2016 06:08:00 GMT*

molybdenum nanowires by electrodeposition michael p. zach, kwok h. ng, reginald m. penner\* metallic molybdenum (moo) wires with diameters ranging from 15 nanometers

### **APPROACHING THE IDEAL ELASTIC STRAIN LIMIT IN SILICON ...**

*Sat, 22 Apr 2017 21:40:00 GMT*

si nanowires, and try to probe their elastic strain limit and understand the origins of their significantly enhanced elasticity. here, vapor-liquid-solid ...

### **SUPERCONDUCTING NANOWIRES TEMPLATED BY SINGLE MOLECULES S**

*Tue, 25 Apr 2017 07:53:00 GMT*

superconducting nanowires templated by single molecules alexey bezryadin university of illinois at urbana-champaign, champaign, illinois, u.s.a. anthony bollinger

**D. WANG GERMANIUM NANOWIRES: FROM SYNTHESIS, H. DAI ...**

*Sat, 29 Apr 2017 10:47:00 GMT*

germanium nanowires: from synthesis, surface chemistry, and assembly to devices 1 division of chemistry and chemical engineering, california institute of technology,

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*Sat, 13 May 2017 07:31:00 GMT*

fully flexible and transparent piezoelectric touch sensors based on zno nanowires and batio 3-added sio 2 capping layers moolkyul kang<sup>1,2</sup>, jae hyun park <sup>1</sup>, kyoung il ...