

# คู่มือการสืบค้นฐานข้อมูลอิเล็กทรอนิกส์ เพื่อการสืบค้นออนไลน์

I

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# เข้าเว็บไซต์ห้องสมุด มทร.พระนคร

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## H.W.Wilson



H.W. Wilson (12 Subjects)

HW Wilson (12 Subjects) : เป็นฐานข้อมูลบรรณานุกรมสาระสังเขปและเอกสารฉบับเต็มครอบคลุมทุกสาขาวิชา ดังนี้ Applied Science & Technology, Art ,Business, Education, General Science, Humanities, Library and Information Science, Social Sciences, Law, General Interest,Biological & Agricultural Science

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# เว็บไซต์หน้าสืบค้น



Searching: **Academic Search Complete** | Choose Databases

Enter any words to find books, journals and more

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# เปลี่ยนภาษาใช้งาน

Languages ▾

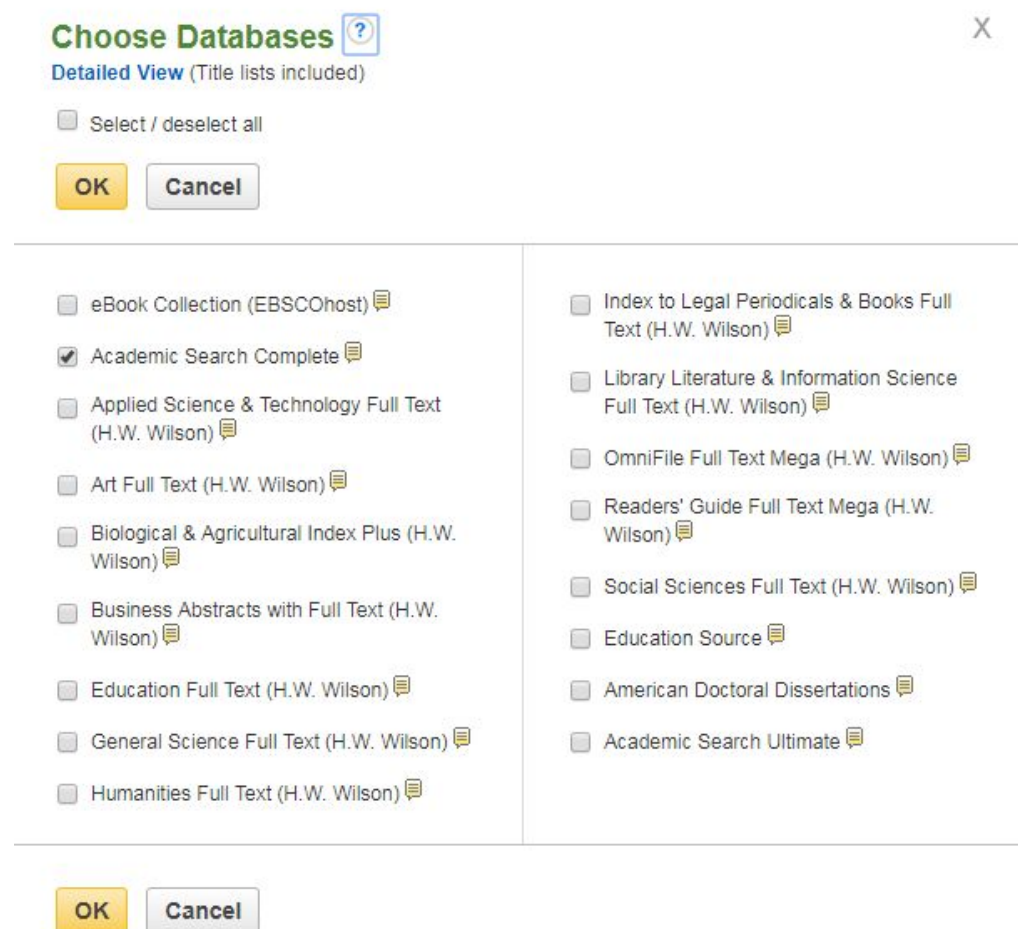
English	Portugués	ภาษาไทย	Slovenčina
Deutsch	Русский	Hrvatski	Nederlands
Español	Türkçe	Čeština	Svenska
Ελληνικά	عربي	Bahasa Indonesia	فارسی
Français	简体中文	العبرית	Suomi
Italiano	繁體中文	Română	Dansk
Magyar	日本語	Slovenski	Norsk
Polski	한국어		

# การเลือกใช้วิธีสืบค้น

## Basic Search สืบค้นแบบขั้นพื้นฐาน



## Choose Databases เลือกพร้อมกันได้หลายฐานข้อมูล



# Search Option สืบค้นแบบใช้ตัวเลือกเพิ่มเติม

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**Search Modes and Expanders**

Search modes [?](#)

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- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply related words

Also search within the full text of the articles

Apply equivalent subjects

---

**Limit your results**

Full Text

Scholarly (Peer Reviewed) Journals

Publication

Number of Pages

References Available

Published Date  
 Month:  Year:  - Month:  Year:

Publication Type  
  
 Periodical  
 Newspaper  
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Image Quick View

Image Quick View Types





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- Color Photograph
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- Map
- Chart
- Diagram
- Illustration

Search

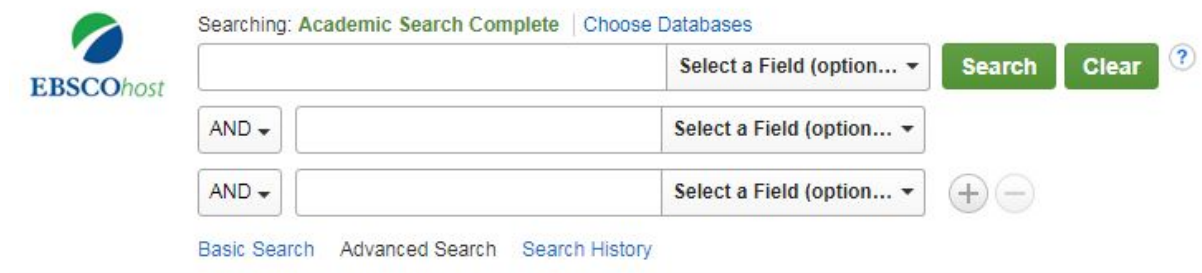
# Search History สืบค้นจากประวัติการค้นหา

## Search History/Alerts

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		Search with AND		Search with OR		Delete Searches		Refresh Search Results	
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<input type="checkbox"/>		S1	 journal of nanomaterials	Search modes - Find all my search terms	 <a href="#">View Results</a> (27,461)	 <a href="#">View Details</a>	 <a href="#">Edit</a>		

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AND [Input] Select a Field (option... ▼)

AND [Input] Select a Field (option... ▼) (+) (-)

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- KW Author-Supplied Keywords
- GE Geographic Terms
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- CO Company Entity
- IC NAICS Code or Description
- DN DUNS Number
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**Refine Results**

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Source Types

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- Academic Journals (6,144,404)
- Book Reviews (882,368)
- Newspapers (808,570)
- Magazines (301,985)
- Trade Publications (89,532)

Show More

Subject: Thesaurus Term

Subject

**Search Results: 1 - 10 of 8,228,228**

Relevance Sort Page Options

- STUDY OF MICROSTRUCTURE AND OPTICAL PROPERTIES OF PVA-CAPPED ZnS: Cu NANOCRYSTALLINE THIN FILMS.**  
By: THI, TRAN MINH; VAN, BUI HONG; BEN, PHAM VAN. *Journal of Nonlinear Optical Physics & Materials*. Jun2010. Vol. 19 Issue 2. p237-245. 8p.  
Subjects: MICROSTRUCTURE; RESEARCH; OPTICAL properties; ZINC sulfide; NANOCRYSTALS; METAL powders; THIN films; POLY(VINYL alcohol); WETTING agents; Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum); Non-ferrous metal (except copper and aluminum) rolling, drawing, extruding and alloying; Surface Active Agent Manufacturing; Other Basic Inorganic Chemical Manufacturing; All other basic inorganic chemical manufacturing
- Preparation and characterization of nanosized bismuth doped tin dioxide powders with a novel post treatment process.**  
By: Qixing He, Weiping Tu, Jianqiang Hu. *Journal of Materials Science*. Oct2007. Vol. 42 Issue 19. p8202-8207. 6p. 5 Black and White Photographs, 1 Chart, 3 Graphs. DOI: 10.1007/s10853-007-1506-x.  
Subjects: BISMUTH compounds; METAL powders; NANOCRYSTALS; POLYACRYLAMIDE; TRANSMISSION electron microscopy; X-ray diffraction; Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum); Non-ferrous metal (except copper and aluminum) rolling, drawing, extruding and alloying  
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- Biocompatible zinc oxide nanocrystals stabilized via hydroxyethyl cellulose for mitigation of diabetic complications.**  
By: Hussein, Jihan; El-Banna, Mona; Razik, Tay Abdel; El-Naggar, Mehrez E. *International Journal of Biological Macromolecules*. Feb2018 Part A. Vol. 107. p748-754. 7p. DOI: 10.1016/j.ijbiomac.2017.09.056.  
Subjects: BIOMEDICAL materials; ZINC oxide; NANOCRYSTALS; HYDROXYETHYL starch; DIABETES complications; STREPTOZOTOCIN; All other basic inorganic chemical manufacturing; Lead Ore and Zinc Ore Mining; Other Basic Inorganic Chemical Manufacturing
- Improved physical properties of ZnO nanostructures by In Inclusion**  
By: Chen, C.T.; Cheng, C.L.; Chen, T.T.; Chen, Y.F. *Materials Letters*. Feb2009. Vol. 63 Issue 5. p537-539. 3p. DOI: 10.1016/j.matlet.2009.11.022.  
Subjects: NANOSTRUCTURED materials; ZINC oxide; MECHANICAL behavior of materials; CRYSTALLIZATION; CRYSTAL defects; CHEMICAL vapor deposition; OPTOELECTRONIC devices; Semiconductor and other electronic component manufacturing; Semiconductor and Related Device Manufacturing; Other Basic Inorganic Chemical Manufacturing; Lead Ore and Zinc Ore Mining; All other basic inorganic chemical manufacturing
- Laser-induced nanowelding of gold nanoparticles.**

PDF เอกสารฉบับเต็มในรูปแบบ PDF

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ดาวน์โหลดเครื่องคอมพิวเตอร์ได้  หรือเลือกรูปแบบการจัดการได้ตามต้องการ



1 / 7

J Mater Sci (2007) 42:8292–8297  
DOI 10.1007/s10853-007-1509-x

### Preparation and characterization of nanosized bismuth doped tin dioxide powders with a novel post treatment process

Qiaxing He · Weiping Tu · Jianqing Hu

Received: 29 September 2006 / Accepted: 9 January 2007 / Published online: 4 July 2007  
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**Abstract** Bismuth-doped tin dioxide (BTO) nanoparticles were prepared by wet chemical co-precipitation method using tin tetrachloride (SnCl<sub>4</sub>) and bismuth nitrate (Bi(NO<sub>3</sub>)<sub>3</sub>) as raw materials. Effects of calcination temperature and post treatment methods on particle size and crystalline phase transition of bismuth tin precursor (BTP) were studied by X-ray diffraction (XRD), transmission electron microscopy (TEM), thermogravimetric-differential scanning calorimetric instrument (TG-DSC) and X-ray photoelectron spectroscopy (XPS). The optimal calcination temperature of BTP was found to be about 873 K. A novel post treatment process with polyacrylamide (PAM) in the preparation of nanomaterials was presented for the first time. Experimental results showed that nonionic PAM is a highly effective additive, which not only speeds up the filtration of precursor, but also effectively reduces the formation of hard agglomerates. The average size of BTO nanoparticles prepared using nonionic PAM as a filtration aid and disperser is smaller than 10 nm. We believe this post treatment method will come into wide use for preparation of many nanosized materials.

**Introduction**

energy-saving devices, anti-electrostatic films, electro-magnetic shielding materials, etc [1, 2]. In the research field of SnO<sub>2</sub> functional material, new spectrum-selectivity nanometer coatings has received much focus recently due to its transparent nature while being a good thermal insulator [3]. Preparation of this nanometer coating involves selecting of nanometer material that has good spectrum selectivity and is easily dispersed into organic coatings without agglomeration [4, 5]. Pure SnO<sub>2</sub> powders have many shortcomings, such as uncontrollable crystal grain dimensions, thermally instable crystal structure and weak spectrum selectivity [6]. Doping is the best way to overcome these defects [7]. F and Sb doped Tin dioxide has been studied widely [8–11], while bismuth-doped tin dioxide has not been reported yet.

As a kind of electron doped functional materials, Bismuth is extensively applied to gas sensing devices, electrolyte materials, photo-electric materials, high temperature superconductor materials, dielectric ceramics, etc [12, 13]. Bi<sub>2</sub>O<sub>3</sub> has a monocline structure, which possesses many oxide vacancy defects and has high electrical conductivity [14]. Nanosized Bi<sub>2</sub>O<sub>3</sub> powders have excellent optical nonlinear response.

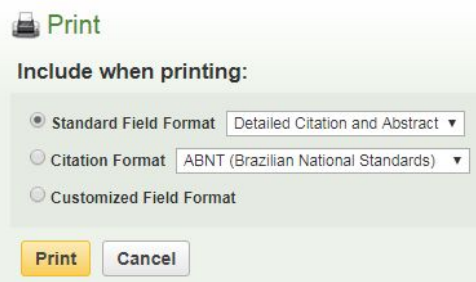
For the preparation of nanomaterials, many methods

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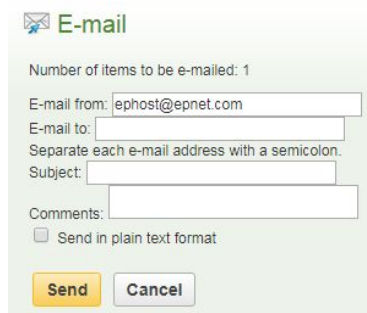
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#### 1. Preparation and characterization of nanosized bismuth



By: Qiuxing He; Weiping Tu; Jianqing Hu. Journal of Materials Sci

Subjects: BISMUTH compounds; METAL powders; NANOCRYSTAL  
ferrous metal (except copper and aluminum) rolling, drawing, extr

## Citation Format ใช้รูปแบบการอ้างอิง

**Citation Format**

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<b>ABNT</b> (Brazilian National Standards)	References Qiuxing, H, Weiping, T, Jianqing, H. Preparation and characterization of nanosized bismuth doped tin dioxide thin films. <i>Journal of Materials Science: Materials Electronics</i> , 2018, 29(12), 4567-4575.
<b>AMA</b> (American Medical Assoc.)	Reference List Qiuxing H, Weiping T, Jianqing H. Preparation and characterization of nanosized bismuth doped tin dioxide thin films. <i>Journal of Materials Science: Materials Electronics</i> . Complete, Ipswich, MA. Accessed April 4, 2018.
<b>APA</b> (American Psychological Assoc.)	References Qiuxing, H., Weiping, T., & Jianqing, H. (2017). Preparation and characterization of nanosized bismuth doped tin dioxide thin films. <i>Journal of Materials Science: Materials Electronics</i> , 28(12), 4567-4575.

## Export Manager เลือกจัดการบรรณานุกรม

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Permalink

## Share ส่งให้ผู้อื่น



## HTML เอกสารฉบับเต็มในรูปแบบ HTML สามารถฟังเสียงจากบทความได้



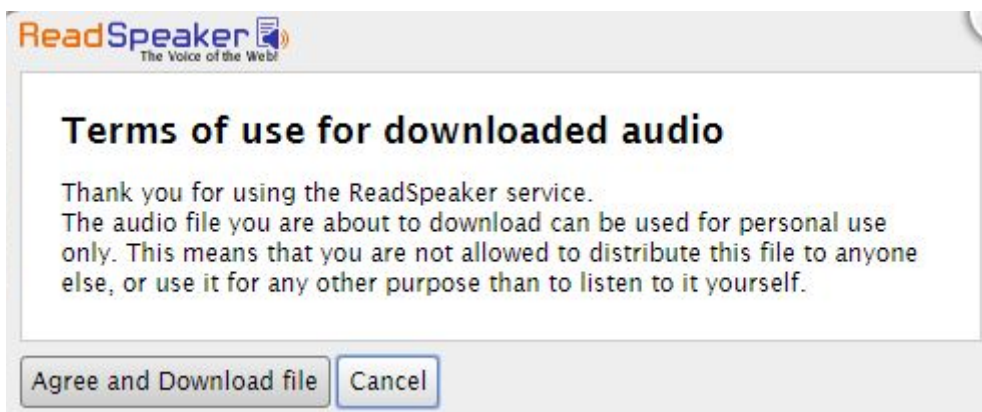
### 1. Introduction

Currently, breast cancer is considered as a health problem worldwide. Furthermore, current treatments neither are capable of stopping its propagation and/or recurrence nor are specific for cancer cells. Therefore, side effects on healthy tissues and cells are common. An increase in the efficiency of treatments, along with a reduction in their toxicity, is desirable to improve the life quality of patients affected by breast cancer. Nanotechnology offers new alternatives for the design and synthesis of **nanomaterials** that can be used in the identification, diagnosis, and treatment of cancer and has now become a very promising tool for its use against this disease. Among the wide variety of **nanomaterials**, the scientific community is particularly interested in carbon **nanomaterials** (fullerenes, nanotubes, and graphene) due to their physical properties, versatile chemical functionalization, and biocompatibility. Recent scientific evidence shows the potential uses of carbon **nanomaterials** as therapeutic agents, systems for selective and controlled drug release, and contrast agents for diagnosing and locating tumors. This generates new possibilities for the development of innovative systems to treat breast cancer and can be used to detect this disease at much earlier stages. Thus, applications of carbon **nanomaterials** in breast cancer treatment are discussed in this article.

## Hilght Text คลิกเพื่อฟังเสียง

Currently, breast cancer is considered as a health problem worldwide. Furthermore, current treatments neither are capable of stopping its propagation and/or recurrence nor are specific for cancer cells. Therefore, side effects on healthy tissues and cells are common. An increase in the efficiency of treatments, along with a reduction in their toxicity, is desirable to improve the life quality of patients affected by breast cancer. Nanotechnology offers new alternatives for the design and synthesis of **nanomaterials** that can be used in the identification, diagnosis, and treatment of cancer and has now become a very promising tool for its use against this disease. Among the wide variety of **nanomaterials**, the scientific community is particularly interested in carbon **nanomaterials** (fullerenes, nanotubes, and graphene) due to their physical properties, versatile chemical functionalization, and biocompatibility. Recent scientific evidence shows the potential uses of carbon **nanomaterials** as therapeutic agents, systems for selective and controlled drug release, and contrast agents for diagnosing and locating tumors. This generates new possibilities for the development of innovative systems to treat breast cancer and can be used to detect this disease at much earlier stages. Thus, applications of carbon **nanomaterials** in breast cancer treatment are discussed in this article.

## MP3 ดาวน์โหลดไฟล์เสียง



# Relevance แสดงข้อมูลจากคำที่สัมพันธ์กัน

The screenshot shows the EBSCOhost search interface. At the top, there are navigation links: New Search, Subjects, Publications, Images, More, Sign In, Folder, Preferences, Languages, Help, and Exit. The search bar contains the term 'computer' and a 'Search' button. Below the search bar, there are options for 'Basic Search', 'Advanced Search', and 'Search History'. The search results section shows 'Search Results: 1 - 10 of 1,406,266'. A dropdown menu is open over the 'Relevance' label, showing options: Date Newest, Date Oldest, Source, Author, and Relevance (which is highlighted). The first result is titled '1. Brain-Computer Interfaces for Augmented Communication: A Tutorial'. It includes the authors 'By: Brumberg, Jonathan S.; Pitt, Kevin M.; Mantle...' and a 'Subjects' section listing various related terms like 'Cognition', 'Communication', 'Computers', etc. There are also image thumbnails and a 'PDF Full Text (787KB)' link.

# Create an alert สร้างการแจ้งเตือน

The screenshot shows the 'Share' dropdown menu from the EBSCOhost search results page. The menu is open and displays several options:

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  - Results (1-10)
  - Add search to folder: computer
- Create an alert :**
  - E-mail Alert
  - RSS Feed
- Use Permalink :**

Persistent link to search (copy & paste)

`http://search.ebscohost.com/login.aspx`
- At the bottom, there are social media icons for Twitter, Facebook, Google+, LinkedIn, Email, and Blogger, followed by a '+ More' link.

# Setting ตั้งค่าแจ้งเตือนการสืบค้น

## Create Alert

Search Alert: "computer on 2018-04-26 01:35 AM"

### E-mail

#### Subject

EBSCO Alert: computer on 2018-04-26 01

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#### E-mail format

Plain Text  HTML

#### E-mail to

Separate each e-mail address with a semicolon. Leave E-mail to field blank if you do not wish to receive e-mail alerts.

### General Settings

#### Frequency

Once a day ▼

#### Articles published within the last

One Year ▼

#### Results format

Brief ▼

### RSS Feed

<http://rss.ebscohost.com/AlertSyndicationService/Syndication.aspx/GetFeed?guid=5566012>

Save Alert

Cancel Alert

[Advanced Settings](#)