



# SciFinder


# 使用简介

夏怡君  
2023/8/4

SciFinder是化学文摘（ Chemical Abstracts , CA）的网络版。于1994由美国化学学会（ACS）旗下的化学文摘服务社(Cheical Abstracts Service, CAS)开发成功。SciFinder 涉及的内容几乎涉及了化学家和生物学家感爱好的全部领域。 SciFinder 采用多种**主题词,人名,化学构造,反应构造式**等方式让科研人员可以便地检索。

- **SciFinder注册及主界面**
- **SciFinder中的文件检索**
- **SciFinder中的物质检索**
- **SciFinder中的反应检索**

# SciFinder注册

 <b>苏州大学图书馆</b> Soochow University Library		<b>数据库总览</b>					
		首页	查找资料	服务指南	读者指南	本馆概况	CALIS服务
中文名称:	SciFinder数据库 (CA网络版)						
外文名称:	SciFinder数据库 (CA网络版)						
相关访问地址:	<a href="https://scifinder.cas.org/scifinder">WEB版注册后登录网址:https://scifinder.cas.org/scifinder</a> WEB版使用前先注册						
简介:	SciFinder是化学文摘(CA)的网络版。于1994由美国化学学会(ACS)旗下的化学文摘服务(Service, CAS)开发成功。SciFinder 包括的内容几乎涉及了化学家和生物学家感兴趣的所有有机化学、分析化学、物理化学、高分子化学外,还包括冶金学、地球化学、药理学、毒理学等共五大部分80大类学科领域。SciFinder 采用各种主题词,人名,化学结构,反应结构式的训练即可轻松地检索 CAS制作的数据库以及美国国家医学图书馆制作的生物医学数据库M服务选择 Google, Chemindustry.com, ChemGuide 等检索引擎进一步链接相关网路资源刊或专利全文。注意: SciFinder分客户端版和WEB版,客户端版和WEB版目前各2个并发退出。						

## Registration Information

---

Please provide the following information:  
(bold\* = required)

### Contact Information

First Name\*:

Last Name\*:


Email\*:

Confirm Email\*:

Phone Number:

Fax Number:

Area of Research:  

Job Title:  

苏州大学邮箱:  
20234209057@



---

### Username and Password

Username\*:  [Tips](#)

Password\*:

Re-enter Password\*:

---

### Security Information

Security Question\*:  

# 每一种顾客都会收到确认函

registration@cas.org

发给 20134209057@stu.suda.edu.cn

2014-02-24 09:27 隐藏信!

发件人 : registration@cas.org <registration@cas.org>

收件人 : 20134209057@stu.suda.edu.cn <20134209057@stu.suda.edu.cn>

时间 : 2014年2月24日 (周一) 09:27

大小 : 4 KB

From: CAS

Dear yijunxia,

To complete your SciFinder registration, you must click the link provided below.

<https://scifinder.cas.org/registration/completeRegistration.html?>

[respKey=6180A095X86F350ABX2B05D11C1516924853](https://scifinder.cas.org/registration/completeRegistration.html?respKey=6180A095X86F350ABX2B05D11C1516924853)

***This link is valid for only one use and will expire within 48 hours.***

If you need assistance at any time, consult the key contact at your organization.

点击链接完毕  
SciFinder帐号的创建

# 经过这个链接登陆SciFinder Web



# SciFinder 的注册和登陆



## Sign In

Username

Password

Remember me  
(Do not use on a shared computer)

[Sign In](#)

[Forgot Username or Password?](#)

Your SciFinder username and password are assigned to you alone and may not be shared with anyone else.

## New to SciFinder?

[Learn more about gaining access to SciFinder.](#)



输入SciFinder  
帐号和密码



# SciFinder 登录后主界面

The image shows the SciFinder web interface. At the top left is the SciFinder logo. Below it is a navigation bar with three tabs: "Explore" (selected), "Saved Searches", and "SciPlanner". On the left side, there is a sidebar menu with three main categories: "REFERENCES", "SUBSTANCES", and "REACTIONS". Under "REFERENCES", there are sub-items: "Research Topic", "Author Name", "Company Name", "Document Identifier", "Journal", "Patent", and "Tags". Under "SUBSTANCES", there are sub-items: "Chemical Structure", "Markush", "Molecular Formula", "Property", and "Substance Identifier". Under "REACTIONS", there is a sub-item: "Reaction Structure". The main content area is titled "REFERENCES: RESEARCH TOPIC" and contains a search input field. Below the input field, there are two example search queries: "The effect of antibiotic residues on dairy products" and "Photocyanation of aromatic compounds". A blue "Search" button is positioned below the examples. At the bottom of the search area, there is a link for "Advanced Search" with a double arrow icon.

SciFinder®

Explore ▾ Saved Searches ▾ SciPlanner

REFERENCES

- Research Topic
- Author Name
- Company Name
- Document Identifier
- Journal
- Patent
- Tags

SUBSTANCES

- Chemical Structure
- Markush
- Molecular Formula
- Property
- Substance Identifier

REACTIONS

- Reaction Structure

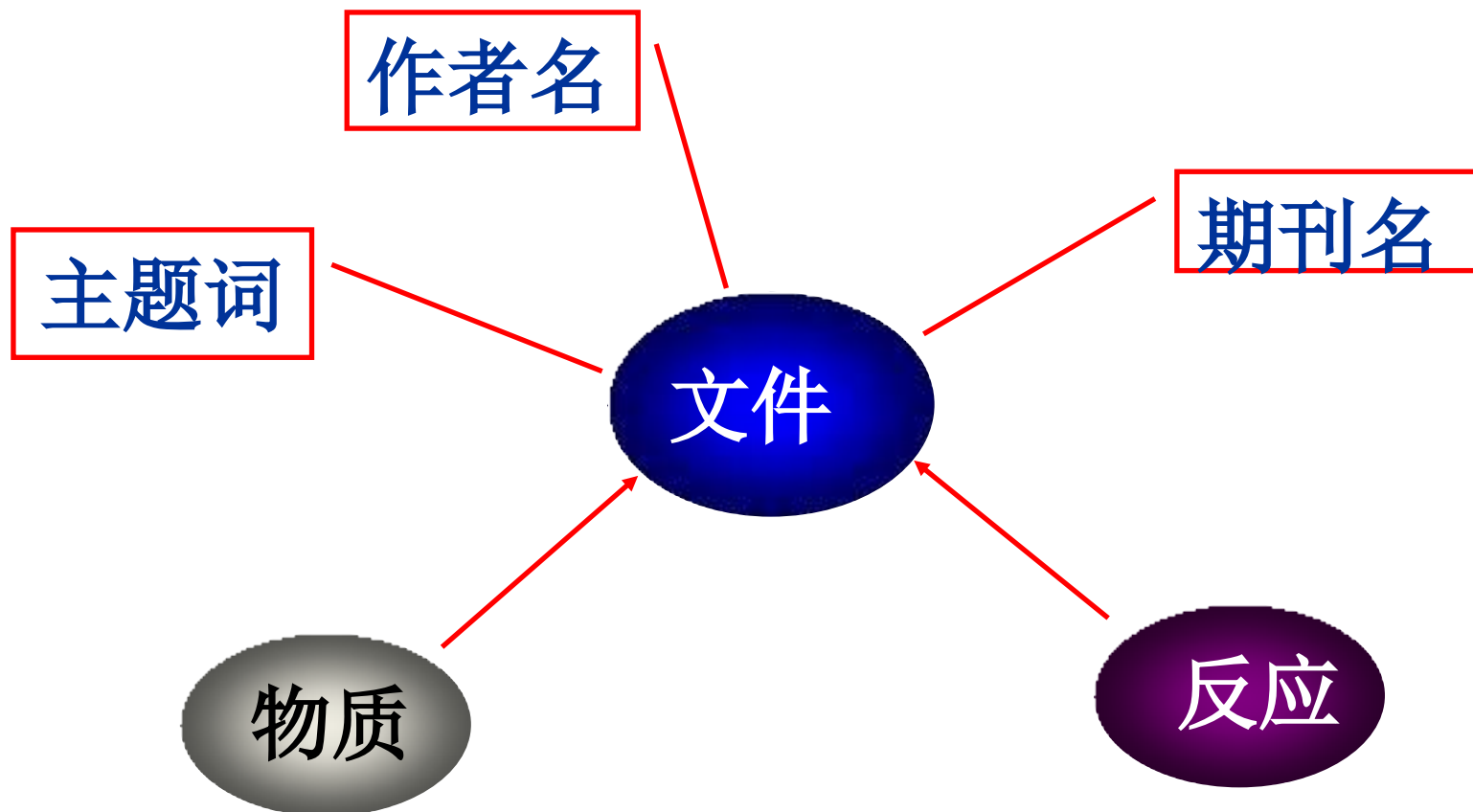
REFERENCES: RESEARCH TOPIC ⓘ

Examples:  
The effect of antibiotic residues on dairy products  
Photocyanation of aromatic compounds

Search

Advanced Search

# SciFinder文件检索途径



# 期刊检索举例

输入期刊名

**REFERENCES**

- Research Topic
- Author Name
- Company Name
- Document Identifier
- Journal**
- Patent
- Tags

**SUBSTANCES**

- Chemical Structure
- Markush
- Molecular Formula
- Property
- Substance Identifier

**REACTIONS**

- Reaction Structure

REFERENCES: JOURNAL ?

Journal Name \*

Volume                      Issue                      Starting Page  
                                           

Title Word(s)  
  
Examples: Antibiotic

Author Last Name \*                      First                      Middle  
                                           

Publication Year  
  
Examples: 1995, 1995-1999, 1995-, -1995

**Search**

# 作者检索举例

Journal "Journal of the American Chemic..." > references (1058)

## REFERENCES

- Research Topic
- Author Name
- Company Name
- Document Identifier
- Journal
- Patent
- Tags

## SUBSTANCES

- Chemical Structure
- Markush
- Molecular Formula
- Property
- Substance Identifier

## REACTIONS

- Reaction Structure

## REFERENCES: AUTHOR NAME ?

Last Name *	First	Middle
<input type="text"/>	<input type="text"/>	<input type="text"/>

Look for alternate spellings of the last name

Search

# 主题检索举例

- REFERENCES
  - Research Topic
  - Author Name
  - Company Name
  - Document Identifier
  - Journal
  - Patent
  - Tags
- SUBSTANCES
  - Chemical Structure
  - Markush
  - Molecular Formula
  - Property
  - Substance Identifier
- REACTIONS
  - Reaction Structure

REFERENCES: RESEARCH TOPIC

AE

Examples:  
The effect of antibiotic residues on dairy products  
Photocyanation of aromatic compounds

Search

Advanced Search  Always Show

Publication Years   
Examples: 1995, 1995-1999, 1995-, -1995

Document Types

<input type="checkbox"/> Biography	<input type="checkbox"/> Historical
<input type="checkbox"/> Book	<input type="checkbox"/> Journal
<input type="checkbox"/> Clinical Trial	<input type="checkbox"/> Letter
<input type="checkbox"/> Commentary	<input type="checkbox"/> Patent
<input type="checkbox"/> Conference	<input type="checkbox"/> Preprint
<input type="checkbox"/> Dissertation	<input type="checkbox"/> Report
<input type="checkbox"/> Editorial	<input type="checkbox"/> Review

Languages

<input type="checkbox"/> Chinese	<input type="checkbox"/> Japanese
<input type="checkbox"/> English	<input type="checkbox"/> Polish
<input type="checkbox"/> French	<input type="checkbox"/> Russian
<input type="checkbox"/> German	<input type="checkbox"/> Spanish
<input type="checkbox"/> Italian	

输入关键词

检索前，能够提前限定某些内容，例如年限，文件类型等

Research Topic "AIE"

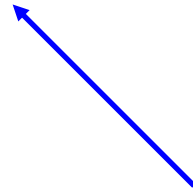
REFERENCES ?

Select All Deselect All

2 of 2 Research Topic Candidates Selected

- 1538 references were found containing "AIE" as entered.
- 2642 references were found containing the concept "AIE".

Get References



**“Concept”**表达做了同意词的扩展

# 取得感爱好主题的文件

文件分析限定工具

能够迅速浏览文件的内容，是否符合要求

Research Topic "AIE" > references (2642)

REFERENCES

Get Substances Get Reactions Get Related Citations Tools

Analyze Refine Categorize

Sort by: Accession Number

0 of 2642 References Selected

Analyze by:

Author Name

Tang Ben Zhong 320

Lam Jacky W Y 116

Qin Anjun 90

Darfeuille Michaud Arlette 89

Liu Bin 83

Hong Yuning 69

Basso Giuseppe 64

Zhang Xiqi 57

Lu Ping 54

1. Design of turn-on fluorescent probe for effective detection of Hg<sup>2+</sup> by combination of AIEE-active fluorophore ar

Quick View Other Sources

By Zhang, Gaobin; Zhang, Xuanjun; Zhang, Ye; Wang, Hui; Kong, Lin; Tian, Yupeng; Tao, Xutang; Bi, Hong; Yang, Jiaxiang  
From Sensors and Actuators, B: Chemical (2015), 221, 730-739. | Language: English, Database: CAPLUS

By combination of the AIEE-active fluorophore and coordination binding group, a new selective and sensitive probe (1) synthesized. 1 exhibits weak fluorescence in dil. soln., but exhibits dramatically enhanced emission in aggregation. In the shifted emission and longer PL lifetime of 1 are present, which is caused by the formation of excimers due to the n-coumarin groups. This AIEE effect of 1 is utilized to design probe for the detection of Hg<sup>2+</sup> in a luminescence "turn-on" mc

2. Effect of cyano group on solid state photophysical behavior of tetraphenylethene substituted benzothiadiazoles

Quick View Other Sources

By Misra, Rajneesh; Jadhav, Thaksen; Dhokale, Bhausaheb

From Journal of Materials Chemistry C: Materials for Optical and Electronic Devices (2015), Ahead of Print. | Language: English, Dat

Two unsym. tetraphenylethene (TPE) substituted Donor-Acceptor (D-A) benzothiadiazoles (BTDs) 3a, and 3b were des Suzuki cross-coupling reaction. The design strategy was opted to maintain the donor (TPE) fragment const. and the modulated by using Ph and cyanophenyl units. Their solvatochromism, aggregation induced emission (AIE) and mec investigated. The BTDs 3a, and 3b exhibit strong solvatochromic and AIE behavior. The cyano-group contg. BTD 3b exhib behavior with high color con...

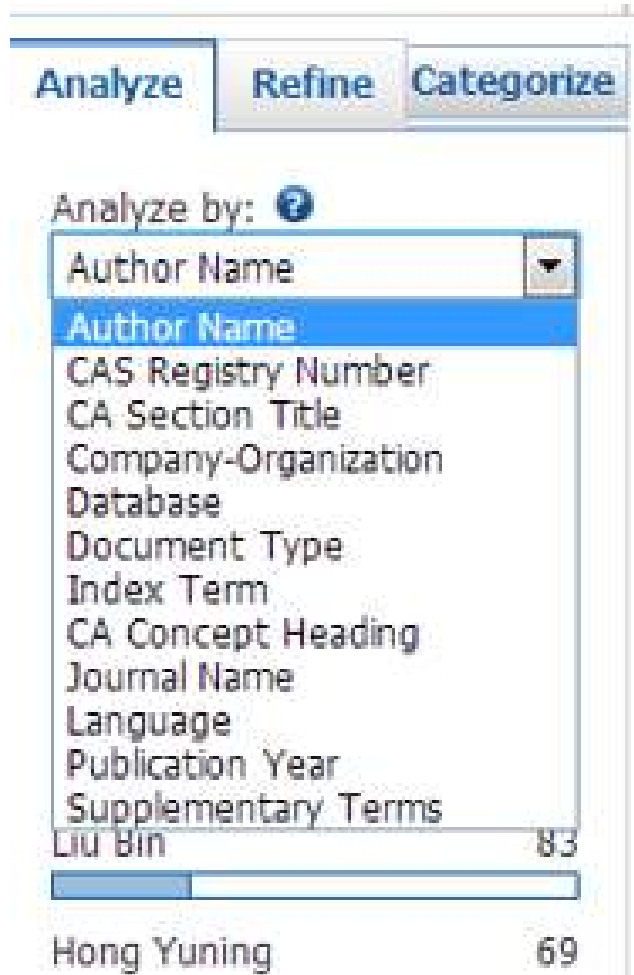
3. AIE luminogen-functionalised mesoporous nanomaterials for efficient detection of volatile gases

Quick View Other Sources

检索的字段



# Analyze下的分析工具



分析工具提供12种分析措施，涉及索引词，作者名，机构名，文件类型，期刊名称，出版年限等。

**索引词（Index Term）：**能够帮助我们对文件的内容进行大致的了解

**学科分析（CA Section Title）：**能够帮助我们对文件进行学科分类



# Refine下的限定工具

Analyze Refine Categorize

Refine by: ?

- Research Topic
- Author
- Company Name
- Document Type
- Publication Year
- Language
- Database

---

Research Topic

Examples:

限定工具提供7种限定措施，涉及主题词，作者名，机构名，文件类型等。

**主题词（Research Topics）：**  
能够让我们用我们关心的主题词再次限定文件

**文件类型（Document Type）：**  
能够让我们直接取得我们感兴趣的文件类型

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/376151055005010235>