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i学堂Excel可视化专题 (1) : Excel数据处理技巧 【思明校区】杨薇	2019-03-05(星期二) 19:30	点击报名
i学堂平面设计专题 (1) : 初识PS—基础上手指南 【翔安校区】王楷	2019-03-06(星期三) 19:30	点击报名
i学堂Excel可视化专题 (2) : Excel函数入门 【思明校区】杨薇	2019-03-07(星期四) 19:30	点击报名
i学堂平面设计专题 (2) : 设计元素的获取——PS之抠图大法 【翔安校区】王楷	2019-03-09(星期六) 19:30	点击报名

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讲座课件

i学堂翔安场: 详解文献管理利器 EndNote X9 (进阶篇) 【翔安校区】张妮妮	2018-12-18 19:30	i学堂翔安场: 详解文献管理软件 EndNote X9 (进阶篇).rar
i学堂本部场: MATLAB编程技巧与数据分析 【思明校区】许悦伊	2018-12-13 19:30	i学堂本部场: MATLAB编程技巧与数据分析.rar
i学堂翔安场: MATLAB编程技巧与数据分析 【翔安校区】许悦伊	2018-12-12 19:30	i学堂翔安场: MATLAB编程技巧与数据分析.rar
i学堂本部场: 详解文献管理利器 EndNote X9 (入门篇) 【思明校区】韩冬丽	2018-12-11 19:30	i学堂本部场: 详解文献管理软件 EndNote X9-韩冬丽.pptx

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« 2019年3月 »

日	一	二	三	四	五	六
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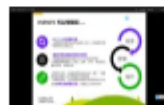
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i学堂-毕业论文WORD排版全攻略(2)-杨薇-202003-2020-03-17



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i学堂-如何运用LaTex排版论文-魏小燕-20200306-2020-03-10



i学堂-文献管理软件EndNote X9使用入门-韩-2020-03-07

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从传统检索到AI分析 高效开展科研选题与文献调研

（基于知网和WoS数据库）

主讲：钟建法（研究馆员）

时间：11月13日（周四）19:30

地点：思明校区总馆321教室
（同步直播）



文献调研中的信息分析和获取

——基于Sci、EI和SciFinder数据库

韩冬丽

Dlhan@xmu.edu.cn

厦门大学图书馆



主要内容



```
graph LR; A((1 文献调研)) --- B((2 Endnote在文献调研中的应用)); B --- C((3 文献信息分析)); C --- D((4 一些实例));
```

1

文献调研

2

Endnote在文献调研中的应用

3

文献信息分析

4

一些实例

一. 文献调研

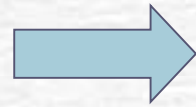
- 为进行某项科学研究而进行的信息检索、分析和利用活动。
提高研究起点，提供研究思路，节约研究时间。
- 1. 毕业论文开题，研究生开题
- 2. 科研选题、立项
- 3. 撰写学术（学位）论文
- 4. 撰写文献综述

文献调研的困惑

- 去哪里查？——信息源在哪，都有哪些？
- 如何查到有效文章？——查准
- 文献如何查全？——查全
- 查哪些主题和内容？——查什么

文献调研的重点

Where



信息源

How



方法

What (内容)



研究主题

Where

文献调研常用信息源

期刊文献 (全文/文摘数据库)

会议文献

专著

学位论文

科技报告

专利文献

标准文献

专业数据库

科研基金信息

团体和个人网页、博客

学术社区、BBS论坛

....

How

文献调研的方法

广调研

特点：尽可能获得研究领域所有文献。

目的：大概了解领域内研究方向和发展趋势。

特点：精和深，根据具体研究做深入检索

目的：深入了解研究领域重要文献和研究者、研究热点和前沿。

精调研

What

文献调研的目的和内容

文献调研的目的

打基础：知识储备，了解领域情况

找方向：确定方向，了解某个方向的情况

找现状：了解确定方向的研究现状

广调研

找重点：这个方向的关键理论技术、存在问题、发展趋势、进展情况

找相似：这个方向是否已有人做？相似的方向？

找方法：这个方向存在的问题，有哪些方法？

找大牛：研究这个方向的大牛、竞争对手或合作

精调研

广调研的信息来源

广调研

综合类著名期刊
综合类数据库

基金网站



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核心期刊

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Nature及子刊、Science及子刊、美国科学院院刊PNAS、Annual Reviews
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类型：Bibliographies & Indexes

学科：综合性

◆JCR

111个国家地区

8832个出版商

22,400 journals

Categories by Group ⓘ

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21个大类

Sort by: Alphabetical



Agricultural Sciences

NUMBER OF CATEGORIES

7

NUMBER OF JOURNALS

471

NUMBER OF CITABLE ITEMS

66,745



Arts & Humanities, Interdisciplinary

NUMBER OF CATEGORIES

8

NUMBER OF JOURNALS

1,052

NUMBER OF CITABLE ITEMS

33,307



Biology & Biochemistry

NUMBER OF CATEGORIES

34

NUMBER OF JOURNALS

4,104

NUMBER OF CITABLE ITEMS

692,387



Chemistry

NUMBER OF CATEGORIES

21

NUMBER OF JOURNALS

2,460

NUMBER OF CITABLE ITEMS

750,830



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254 categories

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Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region

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254个学科方向组

Filter

Custom						
Category ▼	Group ▼	Edition	# of journals ▼	Citable Items ▼	Total Citations ▼	Median imp
EDUCATION & EDUCATIONAL RESEARCH	Multidisciplinary; Social Sciences, General	ESCI, SSCI	762	38,305	1,007,408	1
ECONOMICS	Economics & Business; Social Sciences, General	ESCI, SSCI	620	34,397	1,766,885	1
HISTORY	History & Archaeology	AHCI, ESCI, SSCI	545	12,726	139,486	0
MATHEMATICS	Mathematics	ESCI, SCIE	497	42,175	786,387	0
MATERIALS SCIENCE, MULTIDISCIPLINARY	Materials Science; Multidisciplinary	ESCI, SCIE	464	192,757	9,148,448	3
LAW	Multidisciplinary; Social Sciences, General	ESCI, SSCI	444	12,019	201,729	0
PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	Clinical Medicine; Environment/Ecology	ESCI, SCIE, SSCI	423	54,458	1,995,768	2
MANAGEMENT	Economics & Business	ESCI, SSCI	422	23,505	1,586,438	2



Chemistry

Covers a broad range of chemical sciences, including environmental chemistry, chemical engineering, food chemistry, medicinal chemistry, geochemistry, and energy.

21个学科方向组

2460种期刊

NUMBER OF CATEGORIES

21

NUMBER OF JOURNALS

2,460

NUMBER OF CITABLE ITEMS

750,830

BIOCHEMICAL RESEARCH METHODS

BIOCHEMISTRY & MOLECULAR BIOLOGY

CHEMISTRY, ANALYTICAL

CHEMISTRY, APPLIED

CHEMISTRY, INORGANIC & NUCLEAR

CHEMISTRY, MEDICINAL

CHEMISTRY, ORGANIC

CHEMISTRY, PHYSICAL

ELECTROCHEMISTRY

ENERGY & FUELS

ENGINEERING, CHEMICAL

ENGINEERING, PETROLEUM

FOOD SCIENCE & TECHNOLOGY

GEOCHEMISTRY & GEOPHYSICS

GEOLOGY

MINERALOGY

NANOSCIENCE & NANOTECHNOLOGY

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CHEMISTRY, ANALYTICAL ✕

Category ▾

Group ▾

Edition

of journals ▾

Citable Items ▾

CHEMISTRY, ANALYTICAL

Chemistry

ESCI, SCIE

111

39,012

Journal Citation Reports dataset updated Oct 15, 2025

CHEMISTRY, ANALYTICAL ✕

JCR Year: 2024 ✕

按期刊影响因子大小排序

Journal name ▾

ISSN

eISSN

Category

Edition

Total Citations ▾

2024 JIF ▾

JIF Quartile

2024 JCI ▾

% of Citable OA ▾

☐ Trends in Environmental Analytical Chemistry	2214-1588	2214-1588	CHEMISTRY, ANALYTICAL	SCIE	2,301	13.4	Q1	2.49	15.00 %
☐ TRAC-TRENDS IN ANALYTICAL CHEMISTRY	0165-9936	1879-3142	CHEMISTRY, ANALYTICAL	SCIE	39,260	12.0	Q1	1.29	17.33 %
☐ BIOSENSORS & BIOELECTRONICS	0956-5663	1873-4235	CHEMISTRY, ANALYTICAL			10.5	Q1	2.25	9.03 %
☐ ACS Sensors	2379-3694	2379-3694	CHEMISTRY, ANALYTICAL	SCIE	25,759	9.1	Q1	1.49	13.83 %
☐ ACS Measurement Science Au	N/A	2694-250X	CHEMISTRY, ANALYTICAL	ESCI	1,213	9.0	Q1	1.33	98.80 %
☐ SENSORS AND ACTUATORS B-CHEMICAL	N/A	0925-4005	CHEMISTRY, ANALYTICAL	SCIE	125,758	7.7	Q1	1.79	5.62 %
☐ Sensors and Actuators Reports	2666-0539	2666-0539	CHEMISTRY, ANALYTICAL	ESCI	1,369	7.6	Q1	1.28	100.00 %

期刊分区情况

Journals > Journal profile

JCR Year
2024

ANALYTICAL CHEMISTRY

ISSN

0003-2700

EISSN

1520-6882

JCR ABBREVIATION

ANAL CHEM

ISO ABBREVIATION

Anal. Chem.

Journal information

EDITION

Science Citation Index Expanded
(SCIE)

CATEGORY

CHEMISTRY, ANALYTICAL

LANGUAGES

English

REGION

USA

1ST ELECTRONIC JCR YEAR

1997

Publisher information

PUBLISHER

AMER CHEMICAL SOC

ADDRESS

1155 16TH ST, NW,
WASHINGTON, DC 20036

PUBLICATION FREQUENCY

24 issues/year

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CATEGORY

CHEMISTRY, ANALYTICAL

10/111

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2024	10/111	Q1	91.4	
2023	6/106	Q1	94.8	

Rank by JIF before 2023 for CHEMISTRY, ANALYTICAL

EDITION

Science Citation Index Expanded (SCIE)

JCR YEAR	JIF RANK	JIF QUARTILE	JIF PERCENTILE	
2022	7/86	Q1	92.4	
2021	7/87	Q1	92.53	
2020	8/87	Q1	91.38	
2019	7/86	Q1	92.44	

这本期刊近几年在分析化学领域的
排名及表现情况

◆中国科学院文献情报中心的JCR分区



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CEIC全球经济数据库 智能访问 直达

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分类体系	
小类学科体系基于Clarivate JCR，大类学科体系为地学、地学天文、环境科学、农林科学、工程、化学、生物、数学、医学、社会科学等学科所构成的分类体系。	
分区指标	
3年平均IF：即期刊3年影响因子的平均值。	
分区阈值	
每个学科各期刊等级（分区）的期刊集合的最低3年平均IF。 Review期刊只占排名，不占分区名额。	
学科影响因子	
当年，学科所有期刊的当年影响因子（IF）的平均值。	

名称/ISSN			查找
学科	小类学科		
地球科学	天体物理	数学	
农林科学	材料科学	计算机	
环境科学与生态学	化学	工程技	
生物学	医学	综合性	
法学	心理学	教育	
经济学	管理学	人文科	

◆21个大类学科

期刊分区表升级版

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小类学科

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物理与天体物理

数学

农林科学

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环境科学与生态学

化学

工程技术

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教育学

经济学

管理学

哲学

历史学

文学

艺术学

◆254个小类学科

小类学科

请输入学科名查找

序号	学科
1	ACOUSTICS 声学
2	AGRICULTURAL ECONOMICS & POLICY 农业经济与政策
3	AGRICULTURAL ENGINEERING 农业工程
4	AGRICULTURE, DAIRY & ANIMAL SCIENCE 奶制品与动物科学
5	AGRICULTURE, MULTIDISCIPLINARY 农业综合
6	AGRONOMY 农艺学
7	ALLERGY 过敏
8	ANATOMY & MORPHOLOGY 解剖学与形态学
9	ANDROLOGY 男科学
10	ANESTHESIOLOGY 麻醉学
11	ANTHROPOLOGY 人类学

25	BIOPHYSICS 生物物理
26	BIOTECHNOLOGY & APPLIED MICROBIOLOGY 生物工程与应用微生物
27	BUSINESS 商业: 管理
28	BUSINESS, FINANCE 商业: 财政与金融
29	CARDIAC & CARDIOVASCULAR SYSTEMS 心脏和心血管系统
30	CELL & TISSUE ENGINEERING 细胞与组织工程
31	CELL BIOLOGY 细胞生物学
32	CHEMISTRY, ANALYTICAL 分析化学
33	CHEMISTRY, APPLIED 应用化学
34	CHEMISTRY, INORGANIC & NUCLEAR 无机化学与核化学
35	CHEMISTRY, MEDICINAL 药物化学
36	CHEMISTRY, MULTIDISCIPLINARY 化学: 综合
37	CHEMISTRY, ORGANIC 有机化学
38	CHEMISTRY, PHYSICAL 物理化学
39	CLASSICS 古典文学
40	CLINICAL NEUROLOGY 临床神经病学

2025年

CHEMISTRY, ANALYTICAL 分析化学

请输入刊名/ISSN

查找期刊

序号	刊名	ISSN	分区
1	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	0165-9936	1 区
2	Trends in Environmental Analytical Chemistry	2214-1588	1 区
3	BIOSENSORS & BIOELECTRONICS	0956-5663	1 区
4	ACS Sensors	2379-3694	1 区
5	SENSORS AND ACTUATORS B-CHEMICAL	0925-4005	1 区
6	ANALYTICAL CHEMISTRY	0003-2700	1 区
7	BioChip Journal	1976-0280	1 区
8	LAB ON A CHIP	1473-0197	1 区
9	JOURNAL OF CULTURAL HERITAGE	1296-2074	1 区
10	Journal of Analysis and Testing	2096-241X	1 区

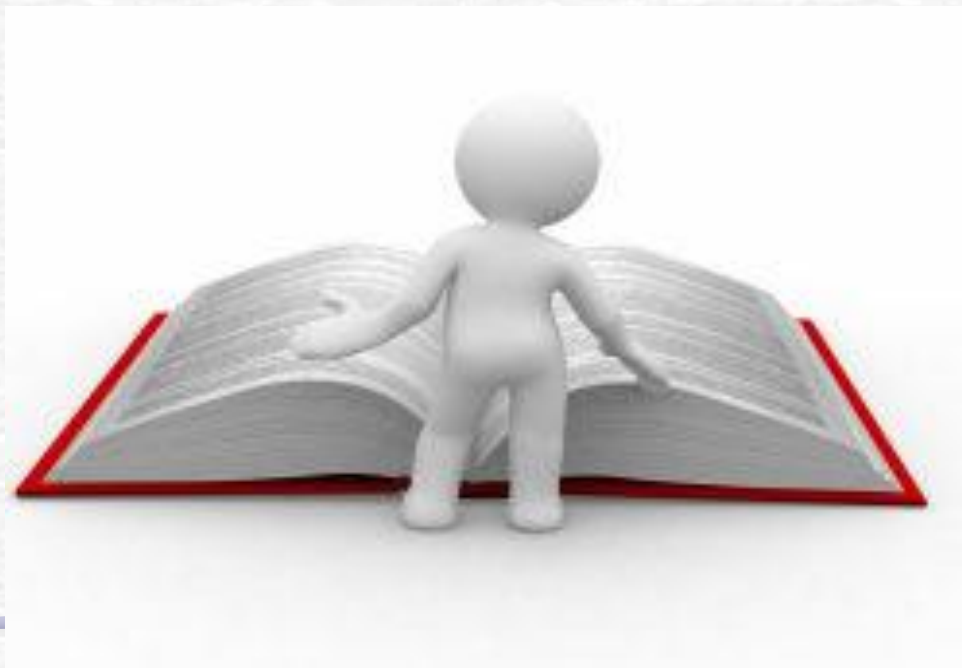
2025年 ▾

ACS Sensors

刊名	ACS Sensors
年份	2025
ISSN / EISSN	2379-3694 / 2379-3694
Review	否
OA Journal Index (OAJ)	否
Open Access	否
Web of Science	SCIE

		学科	分区	Top期刊
大类		化学	1	是
小类		CHEMISTRY, ANALYTICAL 分析化学	1	-
		CHEMISTRY, MULTIDISCIPLINARY 化学: 综合	2	
		NANOSCIENCE & NANOTECHNOLOGY 纳米科技	2	

期刊文献（文摘、**全文数据库**）；会议文献；专著；学位论文；科技报告；专利文献；标准文献；**专业数据库**；**数值型数据库**；团体和个人网页、博客；学术社区、BBS论坛……



精调研需要的信息

在撰写文献综述、制定研究方法、设计研究方案和技术路线时，需要的信息

过去

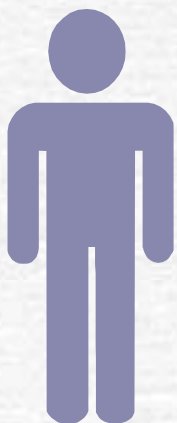
- 领域的研究**历史**
- 重要**理论、技术和方法**
- 领域内经典的、重要的及高被引**文献**

现在

- 国内外的**研究现状**
- 领域内重要的**国家、机构和学者**
- **国内**研究现状及水平
- 当前研究的**最新进展？研究热点？**

未来

- 还存在哪些**问题？**
- 哪些方向可**开拓？**
- 哪些新**方法新技术？**



二、Endnote在文献调研中的应用

图书馆知识资源港——科研——常用工具——常用软件

常用软件：

MATLAB 用于算法开发、数据可视化、数据分析以及数值计算的高级计算语言和交互式环境。

EndNote 旗舰型文献管理系统。 （在EndNote上配置全文下载链接说明）

Windows操作系统 微软公司以图形用户界面为主推出的一系列专有商用操作系统。

Microsoft Office 由Microsoft(微软)公司开发的一套办公软件套装。常用组件有 Word、Excel、PowerPoint等

厦门大学软件正版化

Windows操作系统

Office套件

EndNote

MATLAB

福昕PDF编辑器

EndNote 22

EndNote文献管理软件是科睿唯安公司开发的旗舰型文献管理系统，至今已有二十余年历史，最新版本为22。遍布世界各地的研究人员、学生以及图书馆馆员都在利用Web of Science检索和分析研究文献，并且使用文献信息管理工具EndNote来查找、组织和格式化他们的参考数据，是数据库使用过程中的重要助手。通过EndNote可以极大地提高学者的科研效率，减少重复劳动。

激活

利用这一综合的写作解决方案，用户无需在输入和按出版物的格式要求编排格式方面花费大量的时间，从而使EndNote成为一个重要研究、写作和发表工具，得到数百万的研究人员、学术作者、学生以及图书管理员的广泛使用。

通过EndNote，研究人员能够：

- 将检索、分析、管理、写作、投稿整合在一起，创建简单工作流；
- 检索联机数据库和图书馆编目，创建即时的个人图书馆；
- 通过从联机数据库导入文件避免重复输入工作，与WoS无缝连接；
- 与Word一体化，边写作边引用；
- 管理和组织参考文献、图片和相关文件；
- 创建带有引文和图表的即时书目；
- 通过分享功能，极大地简化与团队的合作。

下载与安装

安装程序已于2025年4月29日更新，如之前安装的软件提示需要激活，请重新下载安装。

Windows系统

请下载[Windows版安装程序](#)（SHA256:

ba4f0ac15daf4920c9a2f490c7812f5f32fc973019591415a8ee4f365f537165）。解压缩EN22Inst.msi、

License.dat两个文件到同一个文件夹中（不可直接放在桌面上），之后双击 `ENX22Inst.msi` 文件进行安装，中

激
转

My EndNote Library3

File Edit References Groups Library Tools Window Help

dlhan@xmu.edu.cn

Sync Status

All References 839

Recently Added

Unfiled 82

Trash 6

MY GROUPS

法治思想 6

国际法web of science

国际法web ... 726

My Groups

New Smart Gr... 7

rule of law 14

埃及 13

组合 2

组合 2

FIND FULL TEXT

GROUPS SHARED BY ...

qdong@xmu.edu.cn...

qdong@xmu.edu.cn...

qdong@xmu.edu.cn...

Search for group

All References

All References

839 References

2019 American Law Institute Releases a ...

2019 Dormant Commerce Clause--Extra...

2020 First Amendment - Freedom of Sp...

2021 Why Corporations Should Be Held ...

初景... 2022 面向智慧图书馆的馆员能力建设

柯安... 2021 维多利亚时代的困惑:领事裁判权...

李飞跃 2021 论国际法在埃塞俄比亚“复兴大坝”...

张文显 习近平法治思想的基本精神和核...

张文显 习近平法治思想的实践逻辑_理论...

张文显 习近平法治思想的理论体系

Summary Edit PDF

X1

Save

Type Journal Article

Author

Year

Title

Journal

Volume

Part/Supplement

Issue

Pages

Start Page

End Page

Epub Date

1.获取文献——撒网

2.管理文献——分拣

3.阅读分析文献——消化吸收

4.简单的文献分析——信息挖掘

激活 Windows

转到“设置”以激活 Windows。

1.获取文献——撒网

File Edit References Groups Library Tools Window Help

组合 2

组合 2

▼ FIND FULL TEXT

▼ GROUPS SHARED BY ...

qdong@xmu.edu.cn...

qdong@xmu.edu.cn...

qdong@xmu.edu.cn...

webanjiuli@163.co...

▼ ONLINE SEARCH +

⌕ Briercrest Coll

⌕ EBSCO Business Basi...

⌕ Education Abs (EBSC...

⌕ Education Abs (EBSC...

⌕ Education Res Comp...

⌕ Education Res Comp...

⌕ Jisc Library Hub Disc...

⌕ Library of Congress

⌕ PsycINFO (EBSCO)

⌕ PsycINFO (EBSCO) C...

⌕ PubMed (NLM)

⌕ Web of Science Cor...

All References +

Search

Advanced search

All References

839 References



		Author ▾	Year	Title	Rating
--	--	----------	------	-------	--------

管理好常用的检索数据库

			<法律.PDF>
		1985	PREDICTABILITY AND COMITY - T...
		2019	American Law Institute Releases a ...
		2019	Dormant Commerce Clause--Extra...
		2020	First Amendment - Freedom of Sp...
		2021	Why Corporations Should Be Held ...
	初景...	2022	面向智慧图书馆的馆员能力建设
	柯安...	2021	维多利亚时代的困惑:领事裁判权...
	李飞跃	2021	论国际法在埃塞俄比亚“复兴大坝”...
	张文显		习近平法治思想的基本精神和核...
	张文显		习近平法治思想的实践逻辑_理论...

Choose A Connection

Name	Information Provider
Water Resources Abs (Dialog)	ProQuest
Waterford IT	Library Catalogs
Waubonsee CC	Library Catalogs
Wausau Daily Herald (PQ)	ProQuest
Waycross Coll	Library Catalogs
Wayne CC	Library Catalogs
Wayne County RESA	Library Catalogs
Wayne State U	Library Catalogs
Wayne State U-Diss (PQ)	ProQuest
Waynesburg U	Library Catalogs
Web of Science AHCI (Clarivate)	Clarivate Analytics
Web of Science Core Collection (Clariv...	Clarivate Analytics
Web of Science SCI (Clarivate)	Clarivate Analytics
Web of Science SSCI (Clarivate)	Clarivate Analytics

Quick Search

Find by

▲ Less Info:

Cancel

Choose

File Name: Web of Science Core Collection (Clarivate).enz

Created: 2023年3月23日, 8:43:59

Modified: 2018年6月18日, 16:59:50

Based On: N/A

Category: Clarivate Analytics

Comments:

Searches all citation indexes on Web of Science.

Showing 5847 of 5847 connection files.

Choose A Connection

Name

Information Provider

Wiley Online Library

Wiley

wiley

Find by ▶

▲ Less Info:

Cancel

Choose

File Name: Wiley Online Library.enz

Created: 2023年3月23日, 8:43:59

Modified: 2013年6月26日, 10:29:02

Based On:

Category: Wiley

Comments:

See

<http://onlinelibrary.custhelp.com/app/answers>

Showing 1 of 5847 connection files.

优化检索策略

My EndNote Library3

File Edit References Groups Library Tools Window Help

组合 2
组合 2

▼ FIND FULL TEXT

▼ GROUPS SHARED BY ...

qdong@xmu.edu.cn...
qdong@xmu.edu.cn...
qdong@xmu.edu.cn...
wohanxiuli@163.co...

▼ ONLINE SEARCH +

Briercrest Coll
EBSCO Business Basi...
Education Abs (EBSC...
Education Abs (EBSC...
Education Res Comp...
Education Res Comp...
Jisc Library Hub Disc...
Library of Congress
PsycINFO (EBSCO)
PsycINFO (EBSCO) C...
Pubmed (NLV)
Web of Science ... 25

Web of Science Core Collection ... +

Author (Smith, A. B.) Contains
And Year (limiter only) Contains 2022
And Title/Keywords/Abstract Contains plant

Clear search Search options Search

Searching Web of Science Core Collection (Clarivate)
Retrieve results: 25 50 75 100 ... 109,764

	Author	Year	Title	Rating
☐	Doboc...	2022	Improving Potato Productivity thr...	
☐	Okam...	2022	Altered carbon status in	
☐	Pavlov...	2022	Alternative or cytochrome? Respir...	
☐	Chen ...	2022	The evolutionary landscape and e...	

- 不断优化调整检索策略，多次检索
- 在不同的数据库中检索
- 用reference——find duplicate删除重复文章
- 保证查全（撒网）

2.管理——分拣

EndNote 20 - My EndNote Library222

File Edit References Groups Library Tools Window Help

plant2023 +

Author Contains

And Year Contains

And Title nano

Search options Search

Unfiled

Trash

MY GROUPS

nano plant

plant2023 25

My Groups

FIND FULL TEXT

GROUPS SHARED BY ...

plant2023

➤ 把撒网所得归类放入文件夹

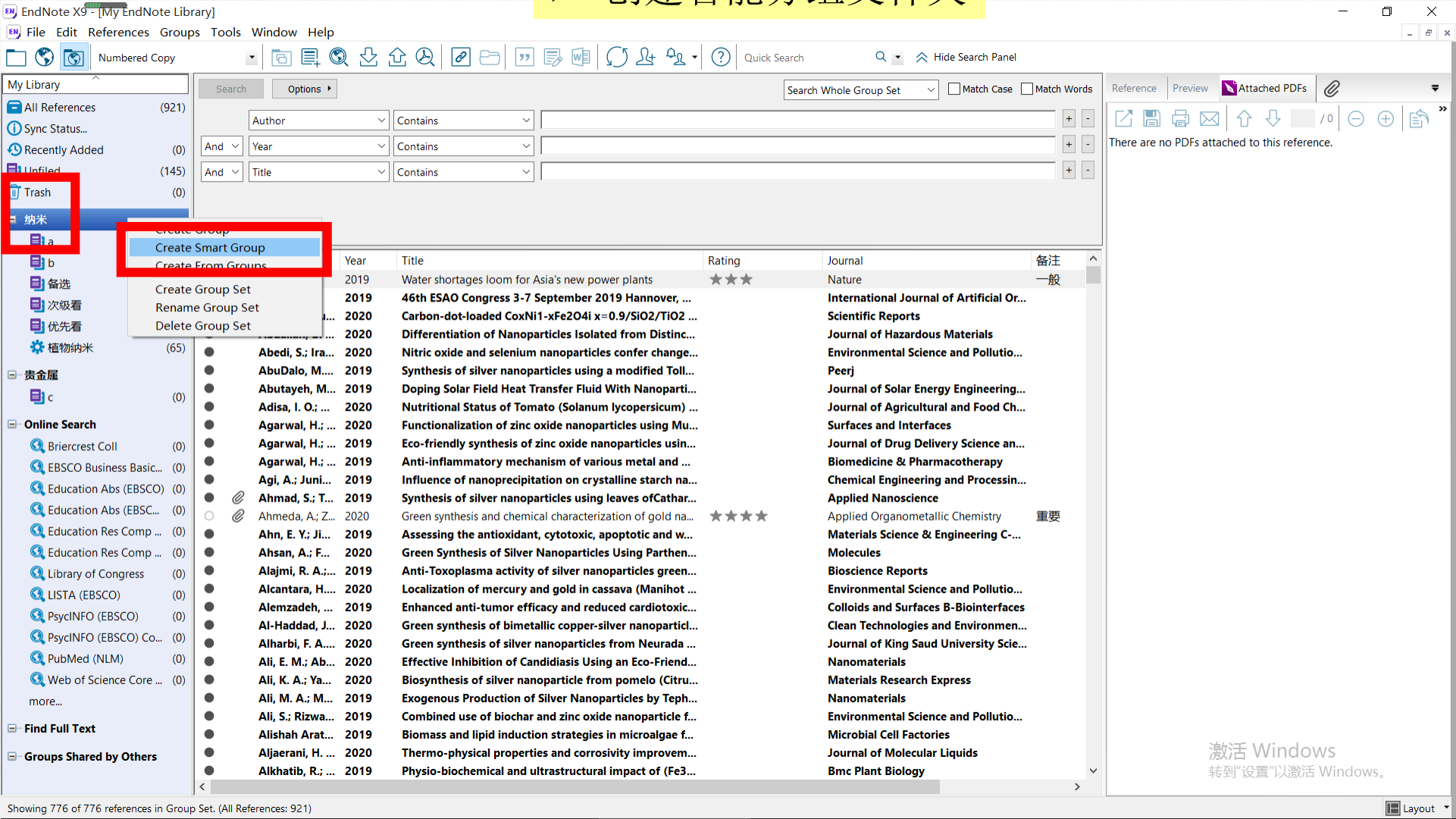
➤ 对文件夹进行二次检索限定

➤ 保证查准（人工分拣）

	Title	Rating	Journal	备注
●	Aida, ... 2023	Influence of plant extract on the h...	Journal of Taibah Univ...	
●	Ander... 2023	Intercropping of	Journal of Plant Inter...	
●	Bastak... 2023	Role of zinc in management of pla...	Cogent Food & Agric...	
●	Belluc... 2023	Isoprene emission by plants in poll...	Journal of Plant Inter...	
●	Blanco... 2023	More than trichomes and acylsuga...	Journal of Plant Inter...	
●	Blanco... 2023	More than trichomes and acylsuga...	Journal of Plant Inter...	
●	Chagi,... 2023	Effect of light conditions on trophi...	Plant Signaling & Beh...	
●	Contr... 2023	Previous interaction with phytopa...	Journal of Plant Inter...	
●	Dai, Z... 2023	Spoilage-related bacterial diversit...	International Journal ...	
●	Feigl, G. 2023	The impact of copper oxide nanop...	Journal of Plant Inter...	
●	Li, Y.; ... 2023	Reduction and control of air pollut...	Environmental Polluta...	

激活 Windows
转到“设置”以激活 Windows。

➤ 创建智能分组文件夹



EndNote X9 - [My EndNote Library]

File Edit References Groups Tools Window Help

Numbered Copy

My Library

All References (921)

Duplicate References (28)

Search Results (191)

Sync Status...

Recently Added (921)

Unfiled (145)

Trash (0)

纳米

a (776)

植物纳米 (65)

贵金属

c (0)

Online Search

Briercrest Coll (0)

EBSCO Business Basic... (0)

Education Abs (EBSCO) (0)

Education Abs (EBSC... (0)

Education Res Comp ... (0)

Education Res Comp ... (0)

Library of Congress (0)

LISTA (EBSCO) (0)

PsycINFO (EBSCO) (0)

PsycINFO (EBSCO) Co... (0)

PubMed (NLM) (0)

Web of Science Co... (775)

more...

Search Options

Keywords

And Any Field + PDF with Not

And Year Contains

Author

Year

Title

Rating

Journal

备注

Research Notes

Agarwal, H.; ... 2020

Ahn, E. Y.; Ji... 2019

Ahsan, A.; F... 2020

Ali, M. A.; M... 2019

Alphandery, E. 2020

Anbu, P.; Go... 2019

Ben Haddad... 2020

Ben Haddad... 2019

Bengyella, L... 2019

Bharath, B.; ... 2020

Biswas, A.; V... 2019

Boomi, P.; G... 2020

Bordoloi, M.;... 2020

Debnath, B.; ... 2019

Demirezen, ... 2019

Dinda, G.; H... 2019

Dogan, S. S.; ... 2020

Dulta, K.; Ag... 2020

Gao, H. Y.; Ta... 2020

➤设置检索条件，完成智能分组

➤保证查准（智能自动分拣）

Smart Group

Smart Group Name: 植物纳米

Keywords	Contains	plant	+	-
And Keywords	Contains	green	+	-
And Title	Contains		+	-

Create Cancel Options... Match Case Match Words

Green synthesis and characterizatio...

Phytosynthesis of silver nanoparticl...

Green synthesis of ZnO nanoparticle...

A Novel Approach of Synthesis Zinc ...

The efficient biogenesis of Ag an...

Non-antibacterial as well as non-ant...

Green synthesis of anisotropic gold ...

Antimicrobial activity of biosynthesi...

Green synthesis and characterizatio...

Lemon-Fruit-Based Green Synthesis

Journal of Bioscience and Bioengin...

Journal of Dispersion Science and I...

Human & Experimental Toxicology

Journal of Inorganic and Organome...

Rsc Advances

Nanotechnology

Materials Research Express

3rd International Conference on Bio...

Polyhedron

Biomolecules

- 根据题目、期刊等信息初步筛检优先级
- 无关的删除
- 区分优先级（去除虾米，分级鱼）

The screenshot displays the EndNote X9 software interface. On the left, the 'My Library' pane shows a list of folders, with '纳米' (Nanotechnology) selected and highlighted by a red box. The main pane shows a list of references. A red box highlights a specific reference: 'Abdallah, B. ... 2020 Differentiation of Nanoparticles Isolated from Distinc...'. A right-click context menu is open over this reference, with a red box highlighting the 'Add References To' option. A sub-menu is also visible, showing options like 'a', 'b', '备选' (Selected), '次级看' (Secondary View), '优先看' (Priority View), and '贵金属' (Precious Metals), with '次级看' highlighted by a red box. The bottom status bar indicates 'Showing 776 of 776 references in Group. (All References: 921)'.

Author	Year	Title	Rating	Journal	备注	Research
Abdallah, B. ...	2020	Differentiation of Nanoparticles Isolated from Distinc...	★★★★	International Journal of Artificial Or...	一般	污水处
Abedi, S.; Ira...	2020	Nitric oxide and selenium nanoparticles confer change...				
AbuDalo, M....	2019	Synthesis of silver nanoparticles using a modified Toll...				
Abutayeh, M...	2019	Doping Solar Field Heat Transfer Fluid With Nanoparti...				
Adisa, I. O.; ...	2020	Nutritional Status of Tomato (Solanum lycopersicum) ...				
Agarwal, H.; ...	2020	Functionalization of zinc oxide nanoparticles using Mu...				
Agarwal, H.; ...	2019	Eco-friendly synthesis of zinc oxide nanoparticles usin...				
Agarwal, H.; ...	2019	Anti-inflammatory mechanism of various metal and ...				
Agi, A.; Juni...	2019	Influence of nanoprecipitation on crystalline starch na...				
Ahmad, S.; T...	2019	Synthesis of silver nanoparticles using leaves of Cathar...				
Ahmeda, A.; ...	2020	Green synthesis and chemical characterization of gold ...				
Ahn, E. Y.; Ji...	2019	Assessing the antioxidant, cytotoxic, apoptotic and w...				
Ahsan, A.; F...	2020	Green Synthesis of Silver Nanoparticles Using Parthen...				
Alajmi, R. A.;...	2019	Anti-Toxoplasma activity of silver nanoparticles green...				
Alcantara, H...	2020	Localization of mercury and gold in cassava (Manihot ...				
Alemzadeh, ...	2019	Enhanced anti-tumor efficacy and reduced cardiotoxic...				
Al-Haddad, J...	2020	Green synthesis of bimetallic copper-silver nanoparticl...				
Alharbi, F. A...	2020	Green synthesis of silver nanoparticles from Neurada ...				
Ali, E. M.; Ab...	2020	Effective Inhibition of Candidiasis Using an Eco-Friend...				
Ali, K. A.; Ya...	2020	Biosynthesis of silver nanoparticle from pomelo (Citru...				
Ali, M. A.; M...	2019	Exogenous Production of Silver Nanoparticles by Teph...				
Ali, S.; Rizwa...	2019	Combined use of biochar and zinc oxide nanoparticle f...				
Alishah Arat...	2019	Biomass and lipid induction strategies in microalgae f...				
Aljaerani, H. ...	2020	Thermo-physical properties and corrosivity improvem...				
Alkhatib, R.; ...	2019	Physio-biochemical and ultrastructural impact of (Fe3...				

EndNote X9 - [My EndNote Library]

File Edit References Groups Tools Window Help

Numbered Copy

Search Options

Search Whole Group

Match Case

Match Words

Keywords

Contains

synthesis

And

Any Field + PDF with Not

Contains

green

And

Year

Contains

My Library

All References (921)

Duplicate References (28)

Search Results (191)

Sync Status...

Recently Added (921)

Unfiled (145)

Trash (0)

纳米

a (776)

b (0)

备选 (0)

次级看 (0)

优先看 (1)

植物纳米 (65)

贵金属

c (0)

Online Search

Briercrest Coll (0)

EBSCO Business B... (0)

Education Abs (EB... (0)

Education Abs (EB... (0)

Education Res Co... (0)

Education Res Co... (0)

Library of Congress (0)

LISTA (EBSCO) (0)

PsycINFO (EBSCO) (0)

PsycINFO (EBSCO) ... (0)

PubMed (NLM) (0)

Web of Science ... (775)

more...

Find Full Text

Keywords

Contains

synthesis

And

Any Field + PDF with Not

Contains

green

And

Year

Contains

哪些优先

最相关 —— 有效获取信息

最新 —— 总结回顾, 进展, 更新颖

综述 —— 总结回顾, 现状进展, 更全面

高水平期刊 —— 质量和价值高, 重要进展

引用率高 —— 质量和价值高、重要节点、理论等

Al-Haddad, J... 2020 Green synthesis of bimetallic copper-silver nanoparticl...

Alharbi, F. A.... 2020 Green synthesis of silver nanoparticles from Neurada ...

Ali, E. M.; Ab... 2020 Effective Inhibition of Candidiasis Using an Eco-Friend...

Ali, K. A.; Ya... 2020 Biosynthesis of silver nanoparticle from pomelo (Citru...

Ali, M. A.; M... 2019 Exogenous Production of Silver Nanoparticles by Teph...

Ali, S.; Rizwa... 2019 Combined use of biochar and zinc oxide nanoparticle f...

Alishah Arat... 2019 Biomass and lipid induction strategies in microalgae f...

Aljaerani, H. ... 2020 Thermo-physical properties and corrosivity improvem...

Alkhatib, R.; ... 2019 Physio-biochemical and ultrastructural impact of (Fe3...

Show Selected References

Hide Selected References

File Attachments

PDF Viewer

Find Full Text

Find Reference Updates...

URL

Web of Science

Restore to Library

Resolve Sync Conflicts...

Reference

Preview

Attached PDFs

Reference Type: Journal Article

Rating

Author

Abdallah, B. B.

Zhang, X.

Andreu, I.

Gates, B. D.

El Mokni, R.

Rubino, S.

Landoulsi, A.

Chatti, A.

Year

2020

Title

Differentiation of Nanoparticles Isolated from

ies Naturally Growing in a Heavy

Pages

Start Page

Errata

Epub Date

Date

Mar 15

Type of Article

Chart Title

Create Custom Group...

纳米

a

b

备选

次级看

优先看

贵金属

c

Showing 776 of 776 references in Group. (All References: 921)

实时资讯更新

激活 Windows

转到“设置”以激活 Windows。

Layout

注意事项——保存检索式

The screenshot displays the EndNote X9 interface. A red box highlights the 'Save Search' option in the 'Search' menu. Another red box highlights the '纳米' (Nanotechnology) category in the left sidebar. The main window shows a list of 776 references, with the first few rows visible. The right sidebar shows the details of the selected reference, including the author, title, journal, and year.

Search Menu Options:

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- Load Search
- Restore Default
- Convert to Smart Group
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Main Reference List:

Author	Year	Title	Rating	Journal	备注	Research
Abd Elkodou...	2019	Water shortages loom for Asia's new power plants	★★★	Nature	一般	污水处
Abdallah, B. ...	2019	46th ESAO Congress 3-7 September 2019 Hannover, ...		International Journal of Artificial Or...		
Abedi, S.; Ira...	2020	Carbon-dot-loaded CoxNi1-xFe2O4i x=0.9/SiO2/TiO2 ...		Scientific Reports		
Abdallah, B. ...	2020	Differentiation of Nanoparticles Isolated from Distinc...		Journal of Hazardous Materials		
Abedi, S.; Ira...	2020	Nitric oxide and selenium nanoparticles confer change...		Environmental Science and Pollutio...		
AbuDalo, M. ...	2019	Synthesis of silver nanoparticles using a modified Toll...		Peerj		
Abutayah, M. ...	2019	Doping Solar Field Heat Transfer Fluid With Nanoparti...		Journal of Solar Energy Engineering...		
Adisa, I. O.; ...	2020	Nutritional Status of Tomato (Solanum lycopersicum) ...		Journal of Agricultural and Food Ch...		
Agarwal, H.; ...	2020	Functionalization of zinc oxide nanoparticles using Mu...		Surfaces and Interfaces		
Agarwal, H.; ...	2019	Eco-friendly synthesis of zinc oxide nanoparticles usin...		Journal of Drug Delivery Science an...		
Agarwal, H.; ...	2019	Anti-inflammatory mechanism of various metal and ...		Biomedicine & Pharmacotherapy		
Agi, A.; Juni...	2019	Influence of nanoprecipitation on crystalline starch na...		Chemical Engineering and Processin...		
Ahmad, S.; T...	2019	Synthesis of silver nanoparticles using leaves of Cathar...		Applied Nanoscience		
Ahmeda, A.; ...	2020	Green synthesis and chemical characterization of gold ...		Applied Organometallic Chemistry		
Ahn, E. Y.; Ji...	2019	Assessing the antioxidant, cytotoxic, apoptotic and w...		Materials Science & Engineering C...		
Ahsan, A.; F...	2020	Green Synthesis of Silver Nanoparticles Using Parthen...		Molecules		
Alajmi, R. A.; ...	2019	Anti-Toxoplasma activity of silver nanoparticles green...		Bioscience Reports		
Alcantara, H. ...	2020	Localization of mercury and gold in cassava (Manihot ...		Environmental Science and Pollutio...		
Alemzadeh, ...	2019	Enhanced anti-tumor efficacy and reduced cardiotoxic...		Colloids and Surfaces B-Biointerf...		
Al-Haddad, J. ...	2020	Green synthesis of bimetallic copper-silver nanopartic...		Clean Technologies and Environmen...		
Alharbi, F. A...	2020	Green synthesis of silver nanoparticles from Neurada ...		Journal of King Saud University Scie...		
Ali, E. M.; Ab...	2020	Effective Inhibition of Candidiasis Using an Eco-Friend...		Nanomaterials		
Ali, K. A.; Ya...	2020	Biosynthesis of silver nanoparticle from pomelo (Citru...		Materials Research Express		
Ali, M. A.; M...	2019	Exogenous Production of Silver Nanoparticles by Teph...		Nanomaterials		
Ali, S.; Rizwa...	2019	Combined use of biochar and zinc oxide nanoparticle f...		Environmental Science and Pollutio...		
Alishah Arat...	2019	Biomass and lipid induction strategies in microalgae f...		Microbial Cell Factories		
Aljaerani, H. ...	2020	Thermo-physical properties and corrosivity improvem...		Journal of Molecular Liquids		
Alkhatib, R.; ...	2019	Physio-biochemical and ultrastructural impact of (Fe3...		Bmc Plant Biology		

Right Sidebar (Reference Details):

Reference Type: Journal Article

Rating

Author: Abdallah, B. B., Zhang, X., Andreu, I., Gates, B. D., El Mokni, R., Rubino, S., Landoulsi, A., Chatti, A.

Year: 2020

Title: Differentiation of Nanoparticles Isolated from Distinct Plant Species Naturally Growing in a Heavy Metal Polluted Site

Journal: Journal of Hazardous Materials

Volume: 386

Part/Supplement

Issue

Pages

Start Page

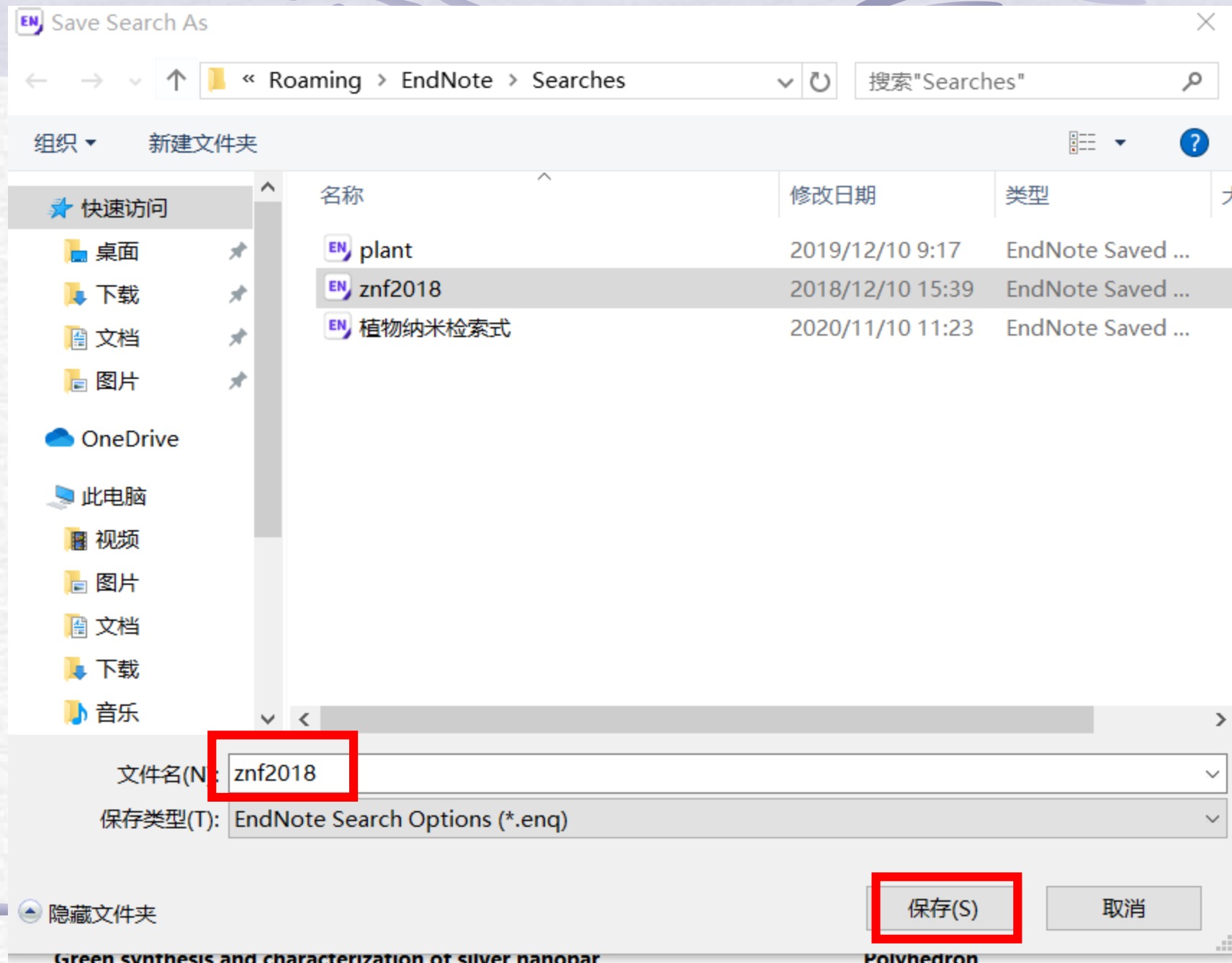
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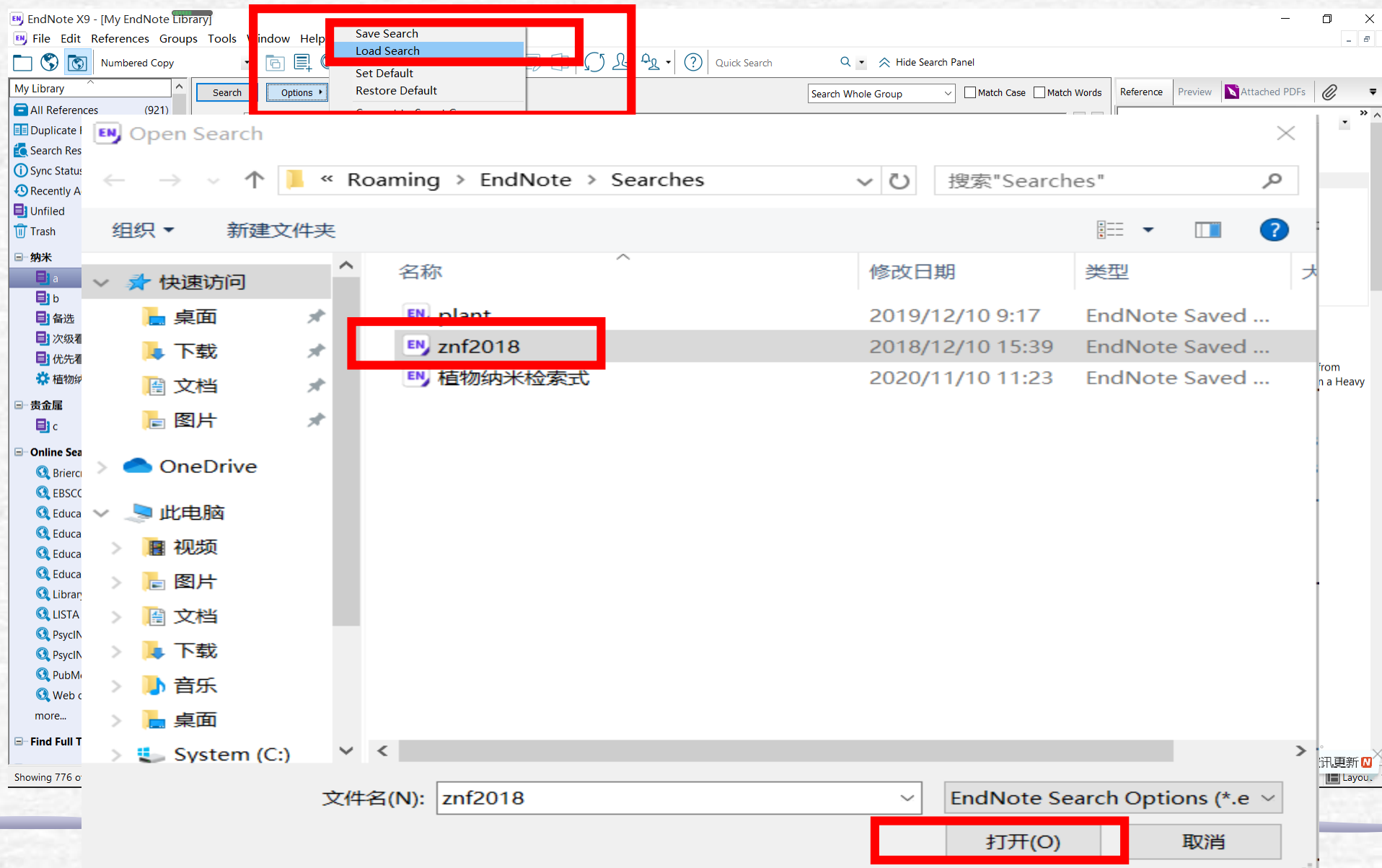
Epub Date

Date: Mar 15

Type of Article

Short Title





3.阅读分析——消化吸收

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Author Year Title Rating

Abd Elkodous, M.	2020	Carbon-dot-loaded CoxNi1-xFe2O4/x=0.9/SiO2/TiO2 nanocomposite with enhanced photocatalytic and antimicrobial potential: An engineered nanocomposite for wastewater treatment	★★★★★
Abdallah, B. ...	2020	Differentiation of Nanoparticles	★★★★★
Abedi, S.; Ira...	2020	Nitric oxide and selenium nanoparticles	★★★★★
AbuDalo, M. ...	2019	Synthesis of silver nanoparticles	★★★★★
Abutayeh, M. ...	2019	Doping Solar Field Heat Transfer	★★★★★
Adisa, I. O.; ...	2020	Nutritional Status of Tomato	★★★★★
Agarwal, H.; ...	2020	Functionalization of zinc oxide nanoparticles	★★★★★
Agarwal, H.; ...	2019	Eco-friendly synthesis of zinc oxide nanoparticles	★★★★★
Agarwal, H.; ...	2019	Anti-inflammatory mechanism of zinc oxide nanoparticles	★★★★★
Agi, A.; Juni...	2019	Influence of nanoprecipitation on the synthesis of silver nanoparticles	★★★★★
Ahmad, S.; T. ...	2019	Synthesis of silver nanoparticles	★★★★★
Ahmeda, A.; ...	2020	Green synthesis and characterization of silver nanoparticles	★★★★★
Ahn, E. Y.; Ji...	2019	Assessing the antioxidant, cytotoxic and antibacterial activities of silver nanoparticles	★★★★★
Ahsan, A.; F. ...	2020	Green Synthesis of Silver Nanoparticles	★★★★★
Alajmi, R. A.; ...	2019	Anti-Toxoplasma activity of silver nanoparticles	★★★★★
Alcantara, H. ...	2020	Localization of mercury and silver nanoparticles in the liver of rats	★★★★★
Alemzadeh, ...	2019	Enhanced anti-tumor efficacy of silver nanoparticles	★★★★★
Al-Haddad, J. ...	2020	Green synthesis of bimetallic silver-gold nanoparticles	★★★★★
Alharbi, F. A. ...	2020	Green synthesis of silver nanoparticles	★★★★★
Ali, E. M.; Ab...	2020	Effective Inhibition of Candida albicans by silver nanoparticles	★★★★★
Ali, K. A.; Ya...	2020	Biosynthesis of silver nanoparticles	★★★★★
Ali, M. A.; M. ...	2019	Exogenous Production of Silver Nanoparticles	★★★★★
Ali, S.; Rizwa...	2019	Combined use of biochar and silver nanoparticles for wastewater treatment	★★★★★
Alishah Arat...	2019	Biomass and lipid induction of microalgae	★★★★★

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Scientific Reports
Journal of Hazardous Materials
Environmental Science and Pollution Research
PeerJ
Journal of Solar Energy Engineering
Journal of Agricultural and Food Chemistry
Surfaces and Interfaces
Journal of Drug Delivery Science and Technology
Biomedicine & Pharmacotherapy
Chemical Engineering and Processing
Applied Nanoscience
Applied Organometallic Chemistry
Materials Science & Engineering C
Molecules
Bioscience Reports
Environmental Science and Pollution Research
Colloids and Surfaces B-Biointerfaces
Clean Technologies and Environmental Science
Journal of Environmental and Analytical Chemistry
Environmental Science and Pollution Research
Microbial Cell Factories

Reference Preview

Rating

Author

Abd Elkodous, M.
El-Sayyad, G. S.
Yousry, S. M.
Nada, H. G.
Gobara, M.
Elsayed, M. A.
El-Khawaga, A. M.
Kawamura, G.
Tan, W. K.
El-Batal, A. I.
Matsuda, A.

Year

2020

Title

Carbon-dot-loaded CoxNi1-xFe2O4/x=0.9/SiO2/TiO2 nanocomposite with enhanced photocatalytic and antimicrobial potential: An engineered nanocomposite for wastewater treatment

Journal

Scientific Reports

Volume

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Part/Supplement

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Year	Title	Rating	Journal	备注	Research Notes
T... 2019	Synthesis of silver nanoparticles using leaves ofCatha...	★★★★	Applied Nanoscience		
Z... 2020	Green synthesis and chemical characterization of gold na...		Applied Organometallic Chemistry	重要	用叶子制造

Reference

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on HUVEC cell line. AuNPs similar to daunorubicin, significantly (p <= 0.05) increased the anti-inflammatory cytokines and the lymphocyte, platelet, and RBC parameters and decreased the weight and volume of liver and spleen, the pro-inflammatory cytokines, and the total WBC, blast, neutrophil, monocyte, eosinophil, and basophil counts, as compared to the untreated mice. According to the above results, it appears that AuNPs can be used as a chemotherapeutic drug for the treatment of acute myeloid leukemia in the clinical trial.

Notes

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Times Cited:5

Research Notes

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https://onlinelibrary.wiley.com/doi/pdfdirect/10.1002/aoc.5290?download=true

File Attachments

Ahmeda-...

synthesis ...

Author Address

Qatar Univ, QU Hlth, Coll Med, Dept Basic Med Sci, Doha, Qatar

Razi Univ, Fac Vet Med, Dept Clin Sci, Kermanshah, Iran

Ilam Univ Med Sci, Biotechnol & Med Plants Res Ctr, Ilam, Iran

Figure

Caption

Access Date

Translated Author

Translated Title

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Layout

➤ 对文献做笔记、备注、标注重要程度

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T... 2019	Synthesis of silver nanoparticles using leaves ofCathar...		Applied Nano
Z... 2020	Green synthesis and chemical characterization of gold na...	★★★★	Applied Organ

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KEYWORDS

acute myeloid leukemia, daunorubicin, chemotherapeutic drug, gold nanoparticles, leukemic mouse model

1 | INTRODUCTION

Plant medicine is one of the most common treatment methods in Iranian traditional medicine. Of course, the most popular herbal remedies in Iran are different from those in Europe and North America. Since the Islamic revolution, governmental, university, and religious leaders have encouraged the resurgence of traditional 'Iranian' and 'Islamic' medical practices most of which are neither Iranian nor Islamic and are an amalgam of ancient Greek and other retrogressive medical practices.^[1] Of the 8100 plant species in Iran, approximately 2300 species are aromatic and medicinal and about 450 species are sold by herbal apothecaries without any controls as to their purity. Most of these plants are quite harmless and have a long history as ancient medicinal plants, but the multiple medicinal properties claimed for each have not been scientifically proven in evidence based clinical trials but merely extracted from ancient pharmacopeias.^[1] In Iran, many modern drugs are extracted from natural resources, most of which are rooted in ancient medicine. Nowadays, due to problems associated with the use of modern medicine, there is a great tendency to replace it with traditional medicine and natural resources.^[2] It is assumed that many medicinal plants are useful for the treatment of several diseases such as leukemia.^[1,2] One of these plants that have been highly important in ancient medicine is *Camellia sinensis* from *Ericales* order, *Theaceae* family, and *Camellia* genus.^[3] *C. sinensis* is native to East Asia, the Indian Sub-continent, and Southeast Asia, but it is today cultivated across the world in tropical and subtropical regions. It is an evergreen shrub or small tree that is usually trimmed to below 2 m (6.6 ft) when cultivated for its leaves. It has a strong taproot. The flowers are yellow-white, 2.5–4 cm (0.98–1.57 in) in diameter, with seven or eight petals. The leaves are 4–15 cm (1.6–5.9 in) long and 2–5 cm (0.79–1.97 in) broad. Fresh leaves contain about 4% caf-

The main components of *C. sinensis* include amino acids, fatty acids, terpenoids, phenolic compounds (proanthocyanidins and phenolic acids and their derivatives, C-glycosylated flavones, O-glycosylated flavonols, and catechins), and purine alkaloids (xanthines).^[3] In medicine, *C. sinensis* has been used abundantly due to the anticancer, anxiolytic, anti-diabetic, anti-obesity, anti-inflammatory, analgesic, antipyretic, chemopreventive, cytotoxic and apoptogenic, gastroprotective, hepatoprotective, nephroprotective, hepatoprotective, immunoprotective, and wound healing properties.^[3] In Iranian traditional medicine, the people use *C. sinensis* as a hematoprotective supplement for prevention, control, and treatment of blood disorders such as hemolytic anemia, thrombocytopenia, and iron deficiency.^[3] Metallic nanoparticles, as one of the nanotechnology field products are available in various sizes and shapes

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Reference

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green

Received: 25 August 2019 | Revised: 14 September 2019 | Accepted: 16 September 2019

DOI: 10.1002/aoc.5290

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Applied Organometallic Chemistry WILEY

FULL PAPER

Green synthesis and chemical characterization of gold nanoparticle synthesized using *Camellia sinensis* leaf aqueous extract for the treatment of acute myeloid leukemia in comparison to daunorubicin in a leukemic mouse model

Ahmad Ahmeda¹ | Akram Zangeneh^{2,3} | Mohammad Mahdi Zangeneh^{2,3}

¹Department of Basic Medical Sciences, College of Medicine, QU Health, Qatar University, Doha, Qatar

²Department of Clinical Sciences, Faculty of Veterinary Medicine, Razi University, Kermanshah, Iran

³Biotechnology and Medicinal Plants Research Center, Ilam University of Medical Sciences, Ilam, Iran

Correspondence

Akram Zangeneh, Department of Clinical Sciences, Faculty of Veterinary Medicine, Razi University, Kermanshah, Iran. Email: akramzangeneh@yahoo.com

Mohammad Mahdi Zangeneh, Biotechnology and Medicinal Plants Research Center, Ilam University of Medical Sciences, Ilam, Iran.

Abstract

According to chemotherapeutic properties of medicinal plants, pharmacologists have always tried to synthesize and formulate the new chemotherapeutic supplements or drugs of metallic nanoparticles using plants. In this study, *Camellia sinensis* leaf aqueous extract-based gold nanoparticles (AuNPs) are reported for the first time to exert a dietary therapeutic potential compared to Daunorubicin in an animal model of acute myeloid leukemia. The synthesized AuNPs were characterized using different techniques including UV-Vis., FT-IR spectroscopy, TEM, EDS, FE-SEM, and XRD. DPPH free radical scavenging test was done to evaluate the antioxidant potentials of HAuCl₄, *C. sinensis*, AuNPs, and daunorubicin. For the analyzing of cytotoxicity effects of HAuCl₄, *C. sinensis*, AuNPs, and daunorubicin, MTT assay was used on HUVEC, Human HL-60/vcr, 32D-FLT3-ITD, and Murine C1498 cell lines. *In vivo* design, induction of acute myeloid leukemia was done by 7,12-Dimethylbenz[a]anthracene (DMBA) in 75 mice. Then, the animals were randomly divided into

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450 species are sold by herbal apothecaries without any controls as to their purity. Most of these plants are quite harmless and have a long history as ancient medicinal plants, but the multiple medicinal properties claimed for each have not been scientifically proven in evidence based clinical trials but merely extracted from ancient pharmacopeias.^[1] In Iran, many modern drugs are extracted from natural resources, most of which are rooted in ancient medicine. Nowadays, due to problems associated with the use of modern medicine, there is a great tendency to replace it with traditional medicine and natural resources.^[2] It is assumed that many medicinal plants are useful for the treatment of several diseases such as leukemia.^[1,2] One of these plants that have been highly important in ancient medicine is *Camellia sinensis* from *Ericales* order, *Theaceae* family, and *Camellia* genus.^[3] *C. sinensis* is native to East Asia, the Indian Sub-continent, and Southeast Asia, but it is today cultivated across the world in tropical and subtropical regions. It is an evergreen shrub or small tree that is usually trimmed to below 2 m (6.6 ft) when cultivated for its leaves. It has a strong taproot. The flowers are yellow-white, 2.5–4 cm (0.98–1.57 in) in diameter, with seven or eight petals. The leaves are 4–15 cm (1.6–5.9 in) long and 2–5 cm (0.79–1.97 in) broad. Fresh leaves contain about 4% caffeine, as well as related compounds including theobromine. The young, light-green leaves are preferably harvested for tea production; they have short, white hairs on the underside. Older leaves are deeper green. Different leaf ages produce differing tea qualities, since their chemical compositions are different. Usually, the tip (bud) and the first two to three leaves are harvested for processing. This hand picking is repeated every one to two weeks.^[3]

and treatment of blood disorders such as hemolytic anemia, thrombocytopenia, and iron deficiency.^[3]

Metallic nanoparticles, as one of the nanotechnology field products, are available in various sizes and shapes for the treatment of several diseases.^[4–6] Among them, gold nanoparticles synthesized using plants have a special value. There are many methods for producing metallic nanoparticles such as gold nanoparticles including: a) Physical method, b) Chemical method, c) Biological method.^[1] The physical or chemical methods of synthesis are time and energy consuming, expensive, and are non-eco-friendly. In biological nanoparticle synthesis, various microbes, enzymes, algae, and especially plants have been used and serve as a suitable alternative method to physical and chemical procedures with high remedial potentials.^[1] In recent years, researchers have tried to survey the therapeutic activities of gold nanoparticles using plants completely. In this regard, it has been revealed that gold nanoparticles had excellent antibacterial effects against *Pseudomonas aeruginosa*, *Escherichia coli* O157:H7, *Salmonella typhimurium*, *Bacillus subtilis*, *Staphylococcus aureus*, and *Streptococcus pneumoniae*, antifungal potentials against *Candida albicans*, *Candida glabrata*, *Candida krusei*, and *Candida guilliermondii*, antioxidant properties against free radicals such as DPPH, and without any cytotoxicity activity on human normal cell line (HUVEC).^[7] Among all therapeutic effects potentials of gold nanoparticles, anticancer properties are significant. In the previous study, gold nanoparticles were used for their anticancer properties against several cell lines such as Vero, HepG2-R, C0045C, HDF, HeLa, A549, U87, and LN229 human glioma, 4T1 mouse mammary carcinoma, H460

AHMEDA ET AL

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Vanilla grown the old-fashioned way spices up

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Green Synthesis of Silver Nanoparticles Using

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这里讲述了用什么叶子制作的过程

1 | INTRODUCTION

The main components of *C. sinensis* include amino acids, fatty acids, terpenoids, phenolic compounds (proanthocyanidins and phenolic acids and their derivatives, C-glycosylated flavones, O-glycosylated flavonols, the Islamic medicine, *C. sinensis* has been used abundantly due to the anticancer, anxiolytic, anti-diabetic, anti-esity, chemopreventive, genoprotective, immunomodulatory, and neuroprotective properties.^[1] In Iran, *C. sinensis* is used as a traditional medicine for the treatment of various diseases such as hypertension, diabetes, and cancer. The main components of *C. sinensis* include amino acids, fatty acids, terpenoids, phenolic compounds (proanthocyanidins and phenolic acids and their derivatives, C-glycosylated flavones, O-glycosylated flavonols, the Islamic medicine, *C. sinensis* has been used abundantly due to the anticancer, anxiolytic, anti-diabetic, anti-esity, chemopreventive, genoprotective, immunomodulatory, and neuroprotective properties.^[1] In Iran, *C. sinensis* is used as a traditional medicine for the treatment of various diseases such as hypertension, diabetes, and cancer.

在PDF做评论笔记

保存PDF、打印、email

Showing 921 of 921 references.

Sending updates...

Layout

4.简单信息分析——挖掘

EndNote X9 - [My EndNote Library]

File Edit References Groups Tools Window Help

Numbered Copy

My Library

- All References (921)
- Sync Status...
- Recently Added (921)
- Unfiled (145)
- Trash (0)
- 纳米 (776)
- 备选 (0)
- 次级看 (0)
- 优先看 (1)
- 植物纳米 (65)
- 贵金属 (0)
- Online Search
- Briercrest Coll (0)
- EBSCO Business Basic... (0)
- Education Abs (EBSCO) (0)
- Education Abs (EBSC... (0)
- Education Res Comp ... (0)
- Education Res Comp ... (0)
- Library of Congress (0)
- LISTA (EBSCO) (0)
- PsycINFO (EBSCO) (0)
- PsycINFO (EBSCO) Co... (0)
- PubMed (NLM) (0)
- Web of Science Core ... (0)
- more...
- Find Full Text
- Groups Shared by Others

Tools

- Spell Check
- Cite While You Write [CWYW]
- Online Search...
- Format Paper
- Change/Move/Copy Fields...
- Sync
- Open Term Lists
- Define Term Lists... Ctrl+4
- Link Term Lists... Ctrl+3
- Sort Library...
- Recover Library...
- Find Broken Attachment Links...
- Library Summary...
- Subject Bibliography...

Quick Search

Search Whole Group

Match Case

Match Words

Reference

Preview

Attached PDFs

There are no PDFs attached to this reference.

	Rating	Journal	备注
room for Asia's new power plants	★★★	Nature	一般
ress 3-7 September 2019 Hannover, ...		International Journal of Artificial Or...	
ed CoxNi1-xFe2O4i x=0.9/SiO2/TiO2 ...		Scientific Reports	
f Nanoparticles Isolated from Distinc...		Journal of Hazardous Materials	
selenium nanoparticles confer change...		Environmental Science and Pollutio...	
		Peerj	
		Journal of Solar Energy Engineering...	
		Journal of Agricultural and Food Ch...	
		Surfaces and Interfaces	
		Journal of Drug Delivery Science an...	
		Biomedicine & Pharmacotherapy	
		Chemical Engineering and Processin...	
		Applied Nanoscience	
		Applied Organometallic Chemistry	重要
		Materials Science & Engineering C-...	
		Molecules	
		Bioscience Reports	
		Environmental Science and Pollutio...	
		Colloids and Surfaces B-Biointerfaces	
		Clean Technologies and Environmen...	
		Journal of King Saud University Scie...	
		Nanomaterials	
		Materials Research Express	
		Nanomaterials	
		Environmental Science and Pollutio...	
		Microbial Cell Factories	
		Journal of Molecular Liquids	
		Bmc Plant Biology	

Showing 776 of 776 references in Group. (All References: 921)

Layout

激活 Windows
转到“设置”以激活 Windows。

EndNote X9 - [nano]

File Edit References Groups Tools Window Help

Annotated

My Library

All References (20)

Imported References (20)

Configure Sync...

Recently Added (20)

Unfiled (20)

Selected Terms	# Records
Yeaman, M. R.	10
Bayer, A. S.	9
Peschel, A.	6
Sahl, H. G.	6
Dale, B. A.	6
Brogden, K. A.	6
Thevissen, K.	5
Schroder, J. M.	5
Staubitz, P.	5
Xiong, Y.	5
Platonova, A.	4
Maisetta, G.	4
Jones, T.	4
Lehrer, R. I.	4
Cammue, B. P. A.	4
Yu, P. L.	4
Jepsen, S.	4
Batoni, G.	4
Proctor, R. A.	4
Boniotto, M.	4

Author

Year

Title

Rating

Journal

Subject Fields

Selected Fields:

Reference Type

Author

Year

Title

Secondary Author

Secondary Title

Selected Terms	# Records
2009	43
2006	38
2008	31
2007	30
2005	29
2004	24
2003	22
1999	8
2000	8
2002	8
2000	7
1996	6
1995	4
1991	3
1994	2
1997	2
1990	1
1992	1
1993	1
1998	1

Selected Terms	# Records
antimicrobial peptides	72
innate immunity	50
expression	35
defensins	29
peptides	28
epithelial-cells	27
beta-defensins	26
host-defense	26
escherichia-coli	24
human	24
cells	24
defensin	19
human beta-defensin-2	19
gene	18
antimicrobial peptide	17
immunity	17
beta-defensin-2	16
toll-like receptors	15
nf-kappa-b	15
staphylococcus-aureus	15

➤ 领域内大牛

➤ 领域研究的发展趋势

➤ 领域涉及的研究方向和热点

作者

发表年代

关键词

Showing 20 of 20 references in Group. (All References: 20)

Layout

Windows

“设置”以激活 Windows。

16:44

2018/11/19

Endnote在文献调研中优缺点

优点

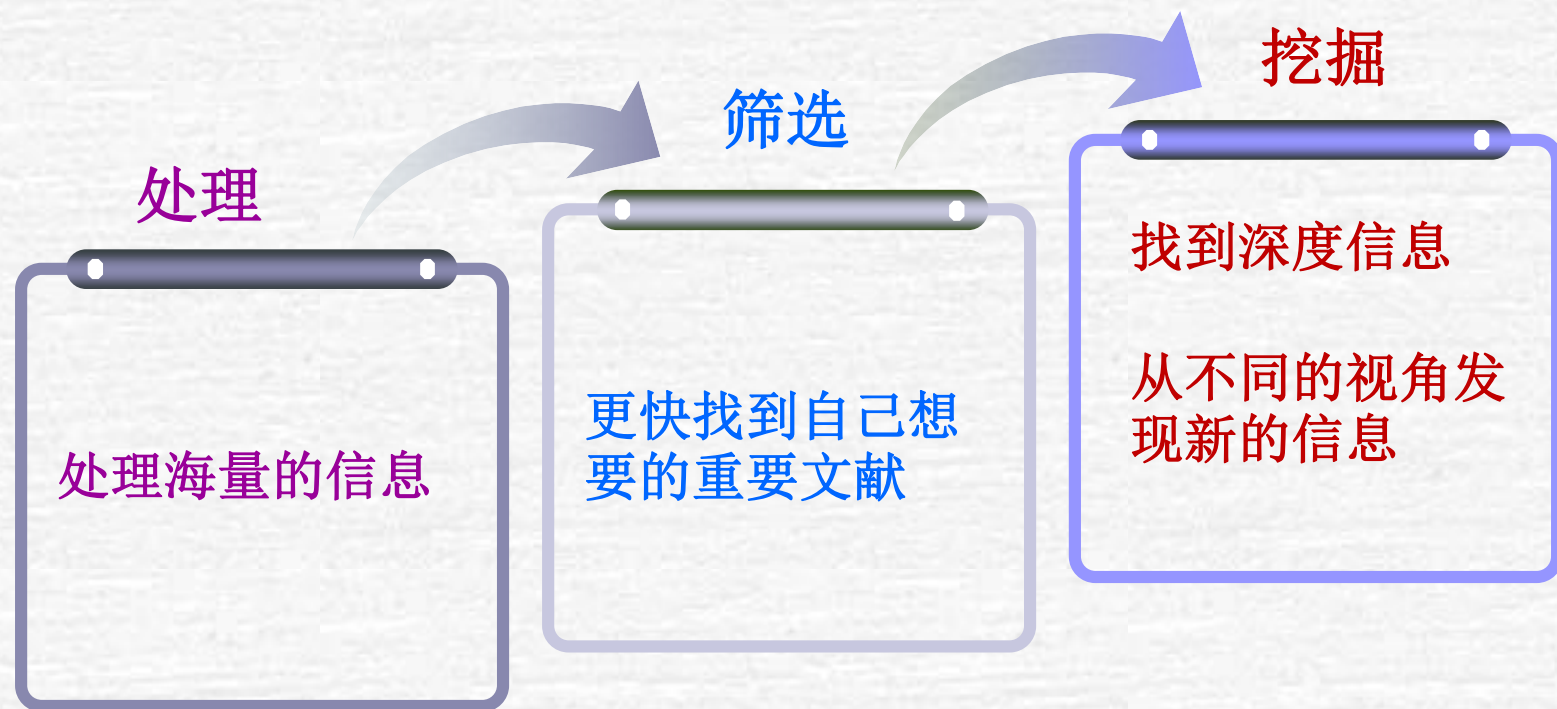
- 高效分类、管理、搜索
- 有效阅读、吸收
- 方便笔记、引用和写作
- 可以汇集多个数据库的资源

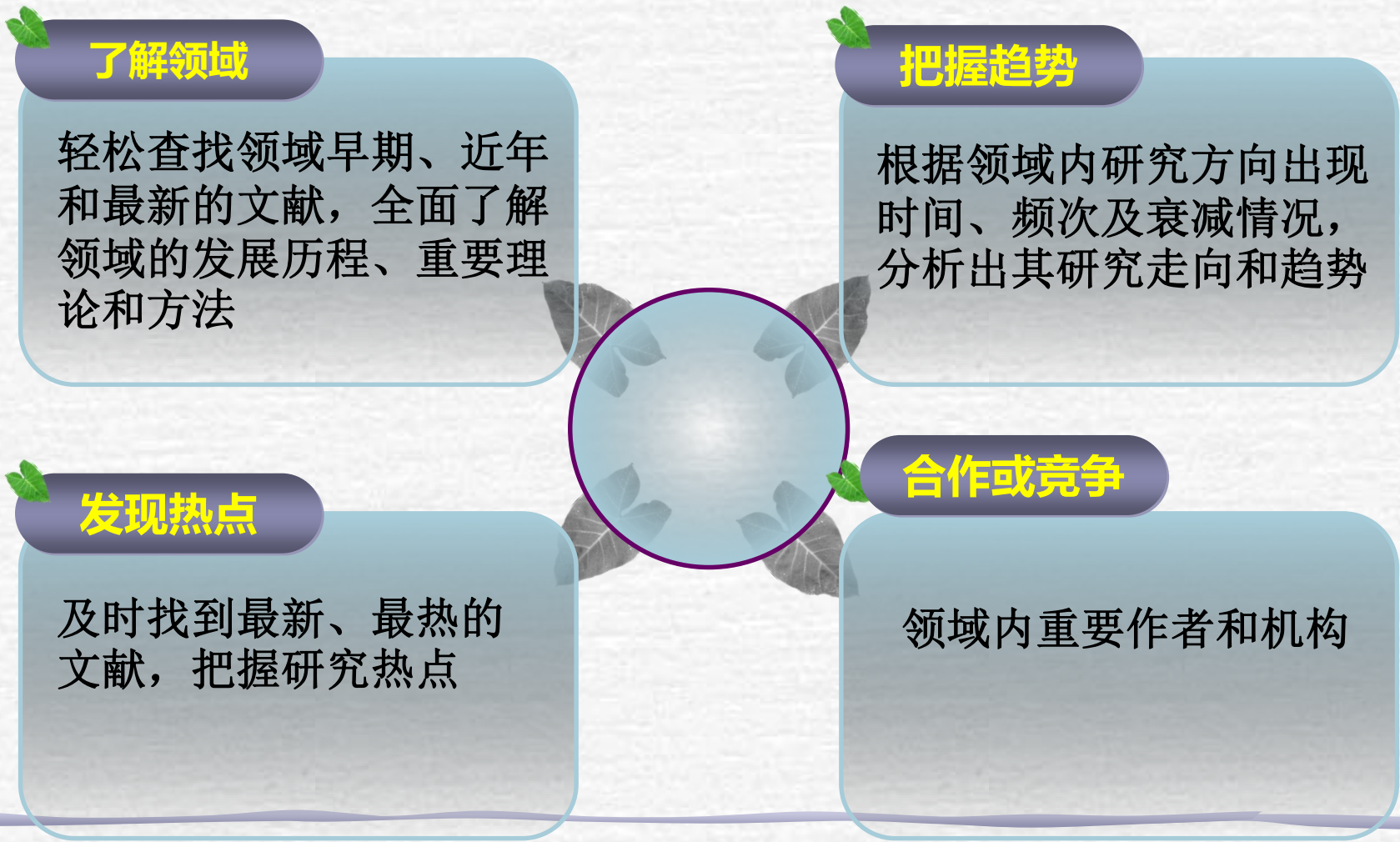
缺点

- 检索条件少，无法进行多组合专家检索
- 有些数据库无法实现endnote在线检索
- 找全文时常无法获取全文
- 只能做简单的信息分析

无法深入挖掘文献的隐藏信息

三、文献信息分析





了解领域

轻松查找领域早期、近年和最新的文献，全面了解领域的发展历程、重要理论和方法

把握趋势

根据领域内研究方向出现时间、频次及衰减情况，分析出其研究走向和趋势

发现热点

及时找到最新、最热的文献，把握研究热点

合作或竞争

领域内重要作者和机构

文献信息分析的境界



1、基于文献管理软件的信息分析

Endnote

NotExpress

2、基于文献数据库的信息分析

1

ISI Web of KnowledgeSM

2

Engineering Village

3

SCIFINDER[®]
A CAS SOLUTION

4

ScienceDirect

5

PubMed

CNKI数字化学习与研究平台
E-Study 原E-Learning)

3、专业分析数据库

Incites

ESI

SciVal

4、基于专业软件的文献分析

CITSPACE

QUOSA

HisCite

社会网络分析软件Ucinet

Bibexcel

Publish or perish

四、一些实例

实例1：利用EI发现热点

——利用一些特殊字段及年代变化情况分析

- 案例：Wastewater Treatment
- 检索数据库：EI
- 检索方式：快速检索(Quick Search)
- 检索字段：Subject/Title/Abstract(主题词/标题/摘要)
- 检索词：Wastewater Treatment



Discover the highest-quality engineering content,
data, and intelligence

Search within

Subject/Title/Abstract



Search documents *

Wastewater Treatment



+ Add search field



Add year range

Compendex selected

Search

1.利用Refine results可以精炼和分析检索结果

Databases ▾ Date ▾ Language ▾ Document type ▾ Sort by ▾ Browse indexes ▾ Autostemming ▾ Discipline ▾ Treatment ▾

195,870 records found in Compendex for 1884-2026: ((Wastewater Treatment) WN KY)

1 of 7,835 pages >

Create alert Save search Share search RSS feed

Sort by: Relevance ▾

Display: 25 ▾ results per page

Refine

By physical property ▾
Filter results by physical properties such as size, temperature, pressure and [many more](#) ↗.

By category Download all ⬇ ⬆

Limit to Exclude

☐ ▾    ▾

1. ☐ **A sustainable approach to wastewater treatment using constructed wetland: A greenhouse technology**
Maria Rajesh, A. (College of Engineering and Technology, University of Technology and Applied Sciences, Shinas, Oman); **Shahulhameed, Binumol; Al Zaabiya, Raya Said; Ali Al Balushi, May Darwish; Ahmed Al Shehhi, Hamdah Ali; Handi Al-Saadi, Athari Khalifa; Abdallah Al-Farsi, Nooralsnaa** Source: *Innovation and Technological Advances for Sustainability - Proceedings of the International Conference on Innovation and Technological Advances for Sustainability, ITAS 2023*, p 525-531, 2025, *Innovation and Technological Advances for Sustainability - Proceedings of the International Conference on Innovation and Technological Advances for Sustainability, ITAS 2023*

发现研究领域高产出和最活跃的学者

Author

☐	Peng, Yongzhen	659
☐	Wang, Wei	423
☐	Liu, Yang	410
☐	Li, Jun	369
☐	Zhang, Jie	365

Zhixuan; Wang, Banglong; Jin, Xizheng; Hu, Lingling; Wang, Hongyu Source: *Journal of Hazardous Materials*, v 48 June 5, 2025

Database: Compindex

Document type: Journal article (JA)

Show preview ▾ Cited by in Scopus (4)

Full text ↗

Author affiliation

☐	University of Chinese Academy of Sciences	1,228
☐	State Key Laboratory of Urban Water Resource and Environment, Harbin Institute of Technology	930
☐	Shanghai Institute of Pollution Control and Ecological Security	592

发现领域内权威研究机构

of Environment and Safety Engineering, Nanjing Polytechnic Institute, Nanjing; 210048, C Wang, Liang; Qu, Guangmiao; Yang, Shengyang Source: *Chinese Journal of Chemical*

Engineering, v 80, p 38-46, April 2025

Database: Compindex

Document type: Journal article (JA)

Show preview ▾

Full text ↗

3. ☐ Enhancing wastewater treatment efficiency with stereoscopic hydrogel evaporators and renewable energy integration for sustainability

4. ☐ Role of AI&ML in Modernizing Water and Wastewater Treatment Processes

Kumar, Rajneesh (Department of Civil Engineering, Indian Institute of Technology Indore, Indore-453552, Madhya Pradesh, Simrol, India); Goyal, Manish Kumar Source: *Water, Air, and Soil Pollution*, v 236, n 1

Feedback

Country	
☐ China	(11596)
☐ United States	(10016)
☐ Spain	(2917)
☐ Canada	(2376)
☐ Germany	(2153)
View more	
Document type	
☐ Journal article	(43806)
☐ Conference article	(13434)
☐ Conference proceeding	(519)
☐ Article in Press	(492)
☐ Dissertation	(171)
View more	
Language	
Year	
☐ 2016	(1613)
☐ 2015	(3927)
☐ 2014	(3820)
☐ 2013	(3264)
☐ 2012	(3045)
View more	
Source title	
☐ Water Science And Technology	(6659)
☐ Water Research	(3143)
☐ Bioresource Technology	(1969)
☐ Journal Of Hazardous Materials	(1568)
☐ Desalination	(1469)
view more	
Publisher	
☐ Elsevier Ltd	(8477)
☐ Elsevier	(7990)
☐ Iwa Publishing	(4218)
☐ American Chemical Society	(1669)
☐ Ieee Computer Society	(1244)

发现领域内研究最热的国家

会议论文、专题论文、专题综述、专题报告、综述报告、未出版文献、学位论文，快捷获得领域最新研究进展

领域每年出版的论文数和研究趋势

发现领域内核心期刊——投稿

了解领域内核心出版机构

受控词

Controlled vocabulary   		
☐	Wastewater Treatment	149,934
☐	Effluents	31,389
☐	Chemicals Removal	17,345
☐	Adsorption	16,280
☐	Nitrogen Removal	15,153
View more >		
Document type   		
Author   		
Author affiliation   		
Classification code   		
☐	Industrial Wastes Treatment and Disposal	137,554
☐	Chemical Reactions	61,652
☐	Chemical Operations	61,150
☐	Chemical Products	60,969

是Ei对文章进行**主题分类**后给出的检索标识，
规范化处理

发现“污水处理”热门的研究方向和主题

分类码

按Ei分类体系分类标引，划分6大类，186个二级类目，
二级类目又划分若干小类。

污水处理领域**主流研究学科和交叉研究学科**，及时获
知各学科方向的最新研究进展。

发现“污水处理”在哪些学科领域展开研究

分类码

Classification code



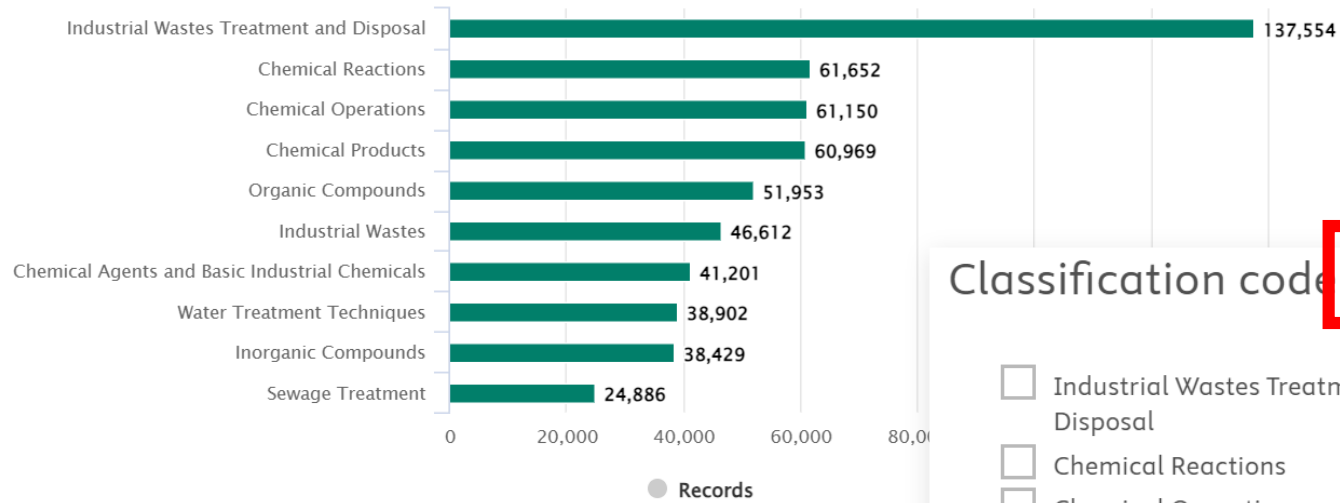
Filter results:



Search: ((Wastewater Treatment) WN KY)



Click to limit your results



View: 10 60 Max

Classification code



Filter results:



☐	Industrial Wastes Treatment and Disposal	137,554	☐	Industrial Wastes	46,612
☐	Chemical Reactions	61,652	☐	Chemical Agents and Basic Industrial Chemicals	41,201
☐	Chemical Operations	61,150	☐	Water Treatment Techniques	38,902
☐	Chemical Products	60,969	☐	Inorganic Compounds	38,429
☐	Organic Compounds	51,953	☐	Sewage Treatment	24,886

View: 10 60 Max

Limit to

Exclude

2. 利用不同年代受控词或学科分类的变化

对比三年变化情况

Controlled vocabulary



☐	Wastewater Treatment	13,013
☐	Effluents	2,475
☐	Adsorption	2,032
☐	Efficiency	1,640
☐	Chemicals Removal	1,592
☐	Water Pollution	1,591
☐	Nitrogen Removal	1,510
☐	Heavy Metals	1,240
☐	Bacteria	1,190
☐	Degradation	1,083
☐	Effluent Treatment	1,027
☐	Organic Pollutants	980
☐	Wastewater Reclamation	939
☐	Chemical Oxygen Demand	938
☐	Ammonia	926
☐	Reclamation	921
☐	Photocatalytic Activity	859
☐	Antibiotics	856
☐	Sulfur Compounds	853

2023年



Controlled vocabulary



☐	Wastewater Treatment	9,982
☐	Bioremediation	2,742
☐	Chemicals Removal	
☐	Effluent Treatment	
☐	Water Pollution	
☐	Photocatalytic Activity	
☐	Wastewater Reclamation	
☐	Photodegradation	1,258
☐	Biological Water Treatment	1,150
☐	Adsorption	1,080
☐	River Pollution	1,043
☐	Effluents	987
☐	Nitrogen Removal	981
☐	Dyes	941
☐	Sustainable Development	920
☐	Water Filtration	862
☐	Fourier Transform Infrared Spectroscopy	860
☐	Nafion Membranes	853

2025

- 发现新热点、新研究方向、新研究领域、新交叉学科
- 哪些方向的研究热度上升？下降



Good Afternoon, Han

🔍 All

Substances

Reactions

References

Suppliers

Artemisinin



Draw



AND

Molecular Formula



Examples: C₆H₆ | (C₈H₈)_x | C₂₂H₂₆CuN₂O₅.C₂H₃N



Add Advanced Search Field



Feedback

实例2：利用SciFinder发现热点

案例：artemisinin青蒿素

CAS SciFinder



[← Return to Home](#)

Advanced Search

Select a search type, and then add multiple search fields to build a query. [?](#) [Learn more about Advanced S](#)

 Substances

 References

Clear All

Artemisinin

 Draw 

 Add Advanced Search Field

Search

 New ⁵

激活 Windows

Filter Results

Behavior

Filter by

Exclude

Search Within Results

Reaction Role

- ☐ Product (1)
- ☐ Reactant (1)
- ☐ Reagent (1)
- ☐ Catalyst (1)
- ☐ Solvent (1)

Reference Role

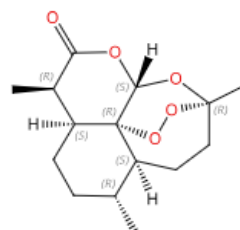
- ☒ New (5)
- ☐ Substance Claimed (9)
- ☐ Uses (9)

1 Selected

9 Results

☒ 1

63968-64-9



Absolute stereochemistry shown

C₁₅H₂₂O₅

Artemisinin

9,629

3,056

98

☐ 2

3063628-49-6

Image Not Available

Notes: An artemisinin deriv.
Unspecified
ART 750

1

0

0

☐ 4

3063628-59-8

Image Not Available

Notes: An artemisinin deriv.

☐ 5

3063628-05-4

Image Not Available

Notes: An artemisinin deriv.

20 Other Names for this Substance

Artemisinin

(3*R*,5*aS*,6*R*,8*aS*,9*R*,12*S*,12*aR*)-Octahydro-3,6,9-trimethyl-3,12-epoxy-12*H*-pyrano[4,3-*j*]-1,2-benzodioxepin-10(3*H*)-one (ACI)

3,12-Epoxy-12*H*-pyrano[4,3-*j*]-1,2-benzodioxepin-10(3*H*)-one, octahydro-3,6,9-trimethyl-, [3*R*-(3*α*,5*αβ*,6*β*,8*αβ*,9*α*,12*β*,12*aR*^{*})]- (ZCI)

(+)-Arteannuin

(+)-Artemisinin

(+)-Qinghaosu

Arteannuin

Artemef

Artemisine

Artemisinine

ARTIVeda

HC 101A

Huanghuahaosu

NSC 369397

PulmoHeal

QHS

Qing Hau Sau

Qing Hau Su

Qinghaosu

Qinghosu

Filter by

Exclude

Search Within Results

Reaction Role

☐ Product (1)

☐ Reactant (1)

☐ Reagent (1)

☐ Catalyst (1)

☐ Solvent (1)

Reference Role

☐ Biological Study (2)

☐ Biological Study, Unclassified (2)

☐ Food or Feed Use (2)

☐ Modifier or Additive Use (2)

☐ Natural Product Occurrence (2)

[View All](#)

Bioactivity Data

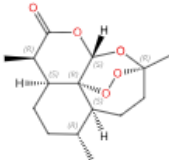
Commercial Availability

☐ Available (1)

☐ Not Available (1)

1

63968-64-9



Absolute stereochemistry shown

$C_{15}H_{22}O_5$
Artemisinin

8,689
References

3,018
Reactions

98
Suppliers

2

849594-04-3

Image Not Available

Notes: Contains berberine sulfate, **artemisinin**, citrus seed ext., and black walnut hulls (Allergy Research Group)

Unspecified
Tricycline

8
References

0
Reactions

0
Suppliers

SciFinder的分析字段

Filter Behavior

Filter by

Exclude

Search Within Results

Document Type

Substance Role

Language

Publication Year

Author

Organization

Publication Name

Concept

8,697 Results

Sort: Times Cited View: Partial Abstract

1

Artemisinin resistance in Plasmodium falciparum malaria

By: Dondorp, Arjen M.; Nosten, Francois; Yi, Poravuth; Das, Debashish; Phyo, Aung Phae; Tarning, Joel; Lwin, Khin Maung; Arie, Frederic; Hanpithakpong, Warunee; Lee, Sue J.; et al
New England Journal of Medicine (2009), 361(5), 455-467 | Language: English, Database: CPlus and MEDLINE

BACKGROUND: Artemisinin-based combination therapies are the recommended first-line treatments of falciparum malaria in all countries with endemic disease. There are recent concerns that the efficacy of such therapies has declined on the Thai-Cambodian border, historically a site of emerging antimalarial-drug resistance. METHODS: In two open-label, randomized trials, we compared the efficacies of two treatments for uncomplicated falciparum malaria in Pailin, western Cambodia, and Wang Pha, northwestern Thailand: oral artesunate given at a dose of 2 mg per kg of body weight per day, for 7 days, ...
[View More](#)

Full Text

Substances (6)

Reactions (0)

Citing (2,420)

Citation

Feedback

2

Production of the antimalarial drug precursor artemisinic acid in engineered yeast

激活 Windows
转到“设置”以激活 Windows

作者

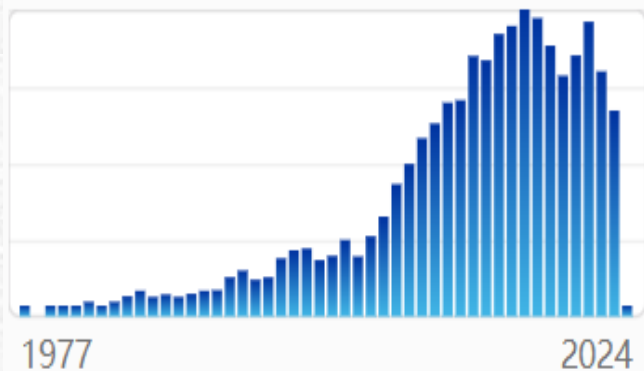
^ Author

- ☐ Tang, Kexuan (112)
- ☐ White, Nicholas J. (94)
- ☐ Dondorp, Arjen M. (71)
- ☐ Nosten, Francois (68)
- ☐ Posner, Gary H. (64)

[View All](#)

出版年

^ Publication Year



No Min

to

No Max

Apply

[View Larger](#)

文献类型

^ Document Type

- ☐ Journal (6,798)
- ☐ Patent (1,741)
- ☐ Review (1,245)
- ☐ Biography (12)
- ☐ Book (2)
- ☐ Clinical Trial (209)
- ☐ Commentary (88)
- ☐ Conference (75)
- ☐ Dissertation (51)
- ☐ Editorial (50)
- ☐ Historical (39)
- ☐ Letter (90)
- ☐ Preprint (29)
- ☐ Report (43)

研究机构

^ Organization

- ☐ Chinese Academy of Sciences (167)
- ☐ Shanghai Jiao Tong University (119)
- ☐ Mahidol University (101)
- ☐ Guangzhou University of Chinese Medicine (58)
- ☐ Southwest University (50)

[View All](#)

专利状态

^ Patent Status



- ☐ Alive (846)
- ☐ Transitional (68)
- ☐ Dead (1,410)
- ☐ Indeterminate (133)
- ☐ Unknown (249)

专利所属国家

^ Patent Office

- ☐ China (1,292)
- ☐ World Intellectual Property Organization (693)
- ☐ United States (539)
- ☐ European Patent Organization (369)
- ☐ India (250)

[View All](#)

物质角色

^ Substance Role

- ☐ Biological Study (7,007)
- ☐ Uses (5,205)
- ☐ Substance Claimed (974)
- ☐ Preparation (894)
- ☐ Properties (564)

[View All](#)

研究领域

^ CA Section

- ☐ Pharmacology (3,229)
- ☐ Pharmaceuticals (1,042)
- ☐ Unavailable (838)
- ☐ Terpenes and Terpenoids (542)
- ☐ Plant Biochemistry (533)

[View All](#)

研究主题

^ Concept

- ☐ Antimalarials (4,254)
- ☐ Artemisinins (3,641)
- ☐ Humans (2,853)
- ☐ Homo sapiens (2,513)
- ☐ Human (2,513)

[View All](#)

思路：从近几年新出现的核心作者去发现研究热点

2020-2023

Top Count	Alphanumeric	Search
0 Selected		
☐	Tang, Kexuan (33)	
☐	Dondorp, Arjen M. (22)	
☐	Fu, Xueqing (22)	
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- ☐ 1 **Synthesis of Artemisinin G from Artemisinin via Photocatalysis**

Wang, MH; Liu, XL; (...); Chen, HJ

Apr 15 2024 | EUROPEAN JOURNAL OF ORGANIC CHEMISTRY ▾
27 (15)

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☐ Microbiology	113	☐ Neurosciences	7	☐ Computer Science Artificial Intelligence	1
☐ Chemistry Medicinal	106	☐ Endocrinology Metabolism	6	☐ Computer Science Hardware	1
☐ Chemistry Multidisciplinary	104	☐ Engineering Electrical Electronic	6	☐ Architecture	
☐ Multidisciplinary Sciences	99	☐ Physics Applied	6	☐ Dermatology	1
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- ☐ Chemistry173
- ☐ Infectious Diseases167
- ☐ Biochemistry Molecular Biology155
- ☐ Parasitology153
- ☐ Tropical Medicine135
- ☐ Science Technology Other Topics119
- ☐ Microbiology113
- ☐ Plant Sciences87
- ☐ Immunology49

- ☐ Biophysics
- ☐ Toxicology
- ☐ Physics
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☐ 1.217 Parasitology - Malaria, Toxoplasmosis & Coccidiosis	540
☐ 1.68 Lipids	69
☐ 1.25 Molecular & Cell Biology - Cancer, Autophagy & Apoptosis	49
☐ 3.16 Phytochemicals	46
☐ 3.4 Crop Science	30
☐ 1.6 Immunology	18
☐ 2.1 Synthesis	18
☐ 2.67 Nanoparticles	17
☐ 1.163 Parasitology - General	13

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批准号: 30171142 项目类别: 面上项目
依托单位: 中国科学院植物研究所 项目负责人: 叶和春
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关键词: 青蒿 青蒿素 法呢基焦磷酸合酶
结题项目: 青蒿FPS基因的克隆、功能和遗传转化研究

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▶ 奖励 [69471]

▶ 专利 [56114]

结题时间:

▶ 2008 [8450]

▶ 2009 [10471]

▶ 2010 [11802]

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☐ 1 The birth of artemisinin



Ma, N; Zhang, ZY; (...); Tu, YY



Dec 2020 | PHARMACOLOGY & THERAPEUTICS ▾ 216

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☐ Tropical Medicine	2,363	☐ Physiology	33	☐ Respiratory System	6
☐ Chemistry	2,222	☐ Pediatrics	32	☐ Social Sciences Other Topics	6
☐ Infectious Diseases	2,081	☐ Zoology	32	☐ Automation Control Systems	4
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☐ Biochemistry Molecular Biology	1,344	☐ Hematology	24	☐ Rheumatology	4
☐ Public Environmental Occupational Health	1,096	☐ Electrochemistry	23	☐ Allergy	3
☐ Microbiology	1,046	☐ Thermodynamics	22	☐ Anesthesiology	3
☐ Plant Sciences	834	☐ Medical Laboratory Technology	21	☐ Anthropology	3
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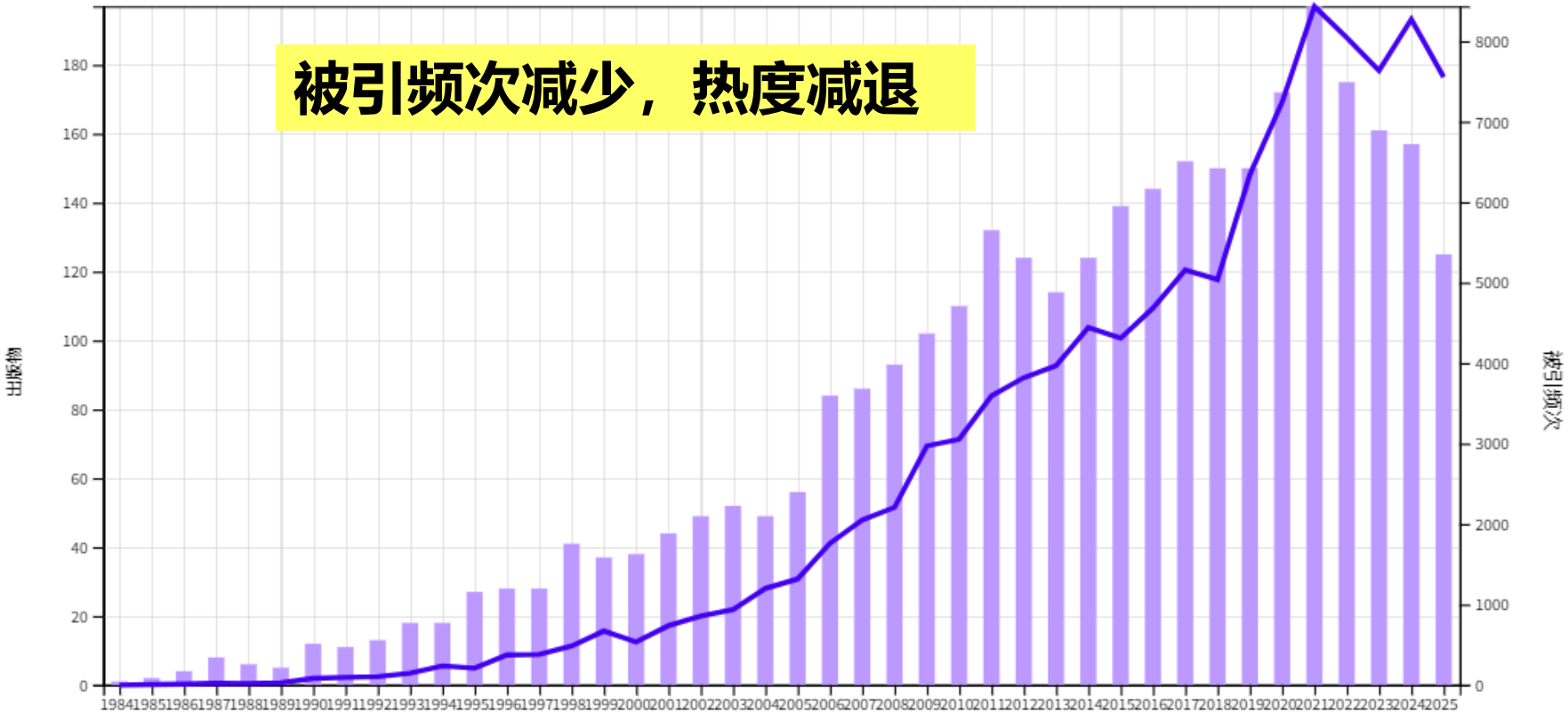
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1 Simple and inexpensive fluorescence-based technique for high-throughput antimalarial drug screening Smilkstein, M; Sriwilaijaroen, N; (...); Riscoe, M May 2004	ANTIMICROBIAL AGENTS AND CHEMOTHERAPY 48 (5) , pp.1803-1806	72	81	53	77	46	44.77	985
2 The influence of natural products upon drug discovery Newman, DJ; Cragg, GM and Snader, KM 2000	NATURAL PRODUCT REPORTS 17 (3) , pp.215-234	34	46	21	22	21	36.08	938
3 What made sesquiterpene lactones reach cancer clinical trials?	48	47	20	26	24	34.25	548	

Simple and inexpensive fluorescence-based technique for high-throughput antimalarial drug screening

引用了此篇文献，引用文献反应了某项研究的最新发展、最新应用和改进情况

作者 Smilkstein, M (Smilkstein, M) ; Sriwilaijaroen, N (Sriwilaijaroen, N) ; Kelly, JX (Kelly, JX) ; Wilairat, P (Wilairat, P) ; Riscoe, M (Riscoe, M)

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来源出版物 ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
卷: 48 期: 5 页: 1803-1806
DOI: 10.1128/AAC.48.5.1803-1806.2004

出版时间 MAY 2004

已索引 2004-05-01

文献类型 Article

摘要 Radioisotopic assays are problematic in high-throughput fluorescence assays

作者引用的参考文献，可追溯研究的历史

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Ma, N; Zhang, ZY; (...); Tu, YY

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☐ 1 The birth of artemisinin



Ma, N; Zhang, ZY; (...); Tu, YY



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☐ Xing, Jie	19
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☐ Yueming Yuan	10
☐ Xu, Qin	9
☐ Wong, Vincent Kam Wai	9
☐ Yang, Zhaoqing	8
☐ Wong, Ho Ning	8

作者分析：跟踪国内重要
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☐ CHINA ACADEMY OF CHINESE MEDICAL SCIENCES	40
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☐ INSTITUTE OF CHINESE MATERIA MEDICA CACMS	30
☐ HONG KONG UNIVERSITY OF SCIENCE TECHNOLOGY	27
☐ SHANDONG UNIVERSITY	26

机构分析：跟踪国内重要
科研机构的研究进展

研究方向分析：了解该研究国内
已有哪些研究方向

精炼依据 研究方向

检索 研究方向



☐ 全选

✓ 检索结果计数 按字母顺序

☐ Pharmacology Pharmacy	709	☐ Infectious Diseases	16	☐ Biotechnology Applied Microbiology	2
☐ Chemistry	123	☐ Neurosciences Neurology	9	☐ Education Educational Research	2
☐ Biochemistry Molecular Biology	56	☐ Parasitology	6	☐ Legal Medicine	2
☐ Integrative Complementary Medicine	51	☐ Computer Science	5	☐ Virology	2
☐ Plant Sciences	50	☐ Food Science Technology	5	☐ Endocrinology Metabolism	1
☐ Microbiology	46	☐ Physiology	5	☐ General Internal Medicine	1
☐ Immunology	37	☐ Science Technology Other Topics	5	☐ Instruments Instrumentation	1
☐ Research Experimental Medicine	33	☐ Cardiovascular System Cardiology	3	☐ Psychiatry	1
☐ Toxicology	31	☐ Environmental Sciences Ecology	3	☐ Radiology Nuclear Medicine Medical Imaging	1
☐ Oncology	22	☐ Medical Laboratory Technology	3	☐ Respiratory System	1

来源出版物分析:

了解该研究领域

的核心期刊

字段: 来源出版物名称	记录数	占 958 的 %	柱状图
MALARIA JOURNAL	621	64.823 %	
JOURNAL OF INFECTIOUS DISEASES	59	6.159 %	
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3. 精调研——利用EI了解研究方向的工程应用情况



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4.精调研——利用Scifinder


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Research Topic "artemisinin" with limiters

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SUBSTANCES
Chemical Structure
Markush
Molecular Formula
Property
Substance Identifier

REACTIONS
Reaction Structure

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

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

Document Types

☐ Biography	☐ Historical
☐ Book	☐ Journal
☐ Clinical Trial	☐ Letter
☐ Commentary	☒ Patent
☐ Conference	☐ Preprint
☐ Dissertation	☐ Report
☐ Editorial	☐ Review

文献、物质、合成、反应、专利等....

5.精调研——利用综合或学科专业数据库

检索密切相关文献全文，实验内容、方法、技术、数据等

全文数据库找全文

- ACS（美国化学会）数据库
- 英国皇家化学学会RSC数据库
- Thieme E-Journal化学药学类期刊
- Wiley Online Library
- SDOL（ScienceDirect OnLine）
- Springer（书、刊）
- Frontiers系列期刊数据库
- Oxford Journals
- Nature及子刊
- Science及子刊
- Cell Press Journals
- Annual Reviews数据库
- 美国科学院院报PNAS
- CPCI会议论文数据库
- PQDT（ProQuest）

数据、结构、方法、实验等事实性数据库

ICSD无机晶体结构数据库

Springer Materials 2024年1月1日起，图书馆正式停订Springer Materials数据库

停订后Landolt-Bornstein (LB) 丛书全部内容 (1961-2018) 仍可访问

SpringerProtocols实验室指南数据库

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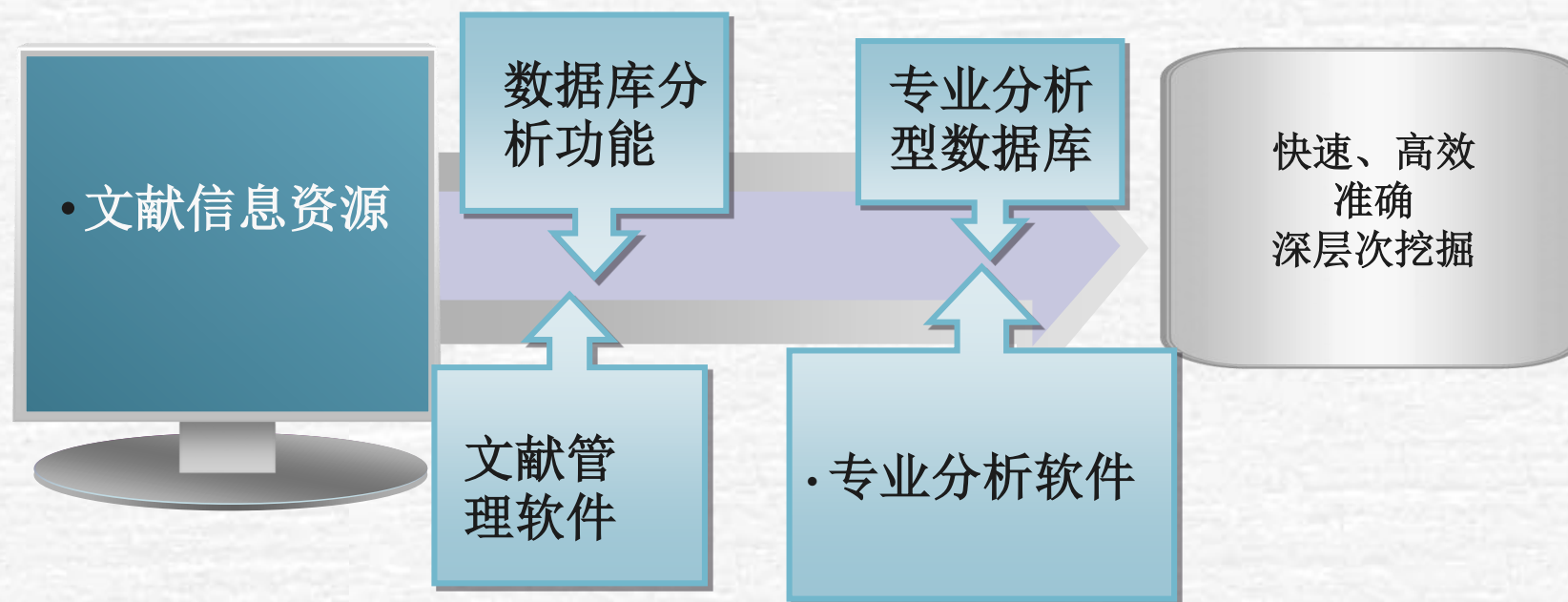
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总结

- 首先明确调研目的
- 明确需要检索的数据库或网站
- 利用数据库分析功能完成广调研，了解领域，明确研究方向，找到需要的文献，并导入endnote
- 利用各学科专业数据库、全文数据库等获取重要文献及全文，并导入endnote
- 利用endnote对不同数据库来源的文献汇总，也可用endnote在线检索等补充需要的文献，然后对收集的文献进行有效的管理、阅读、分析、写作等



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