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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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- i学堂
- 宣传月
- 新生培训
- 在线培训
- 往期讲座

讲座日历

2019年3月

日	一	二	三	四	五	六
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

<https://lecture.xmu.edu.cn/>

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2020-03-17



厦门大学图书馆 i学堂

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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6

下一讲预告

让CNKI与WOS成为个人科研选题的好助手 (文理工科通用)

主讲：钟建法

时间：10月24日（周四）19:00

地点：思明校区图书馆总馆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

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

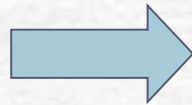
- 为进行某项科学研究而进行的信息检索、分析和利用活动。
提高研究起点，提供研究思路，节约研究时间。
- 1. 毕业论文开题，研究生开题
- 2. 科研选题、立项
- 3. 撰写学术（学位）论文
- 4. 撰写文献综述

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

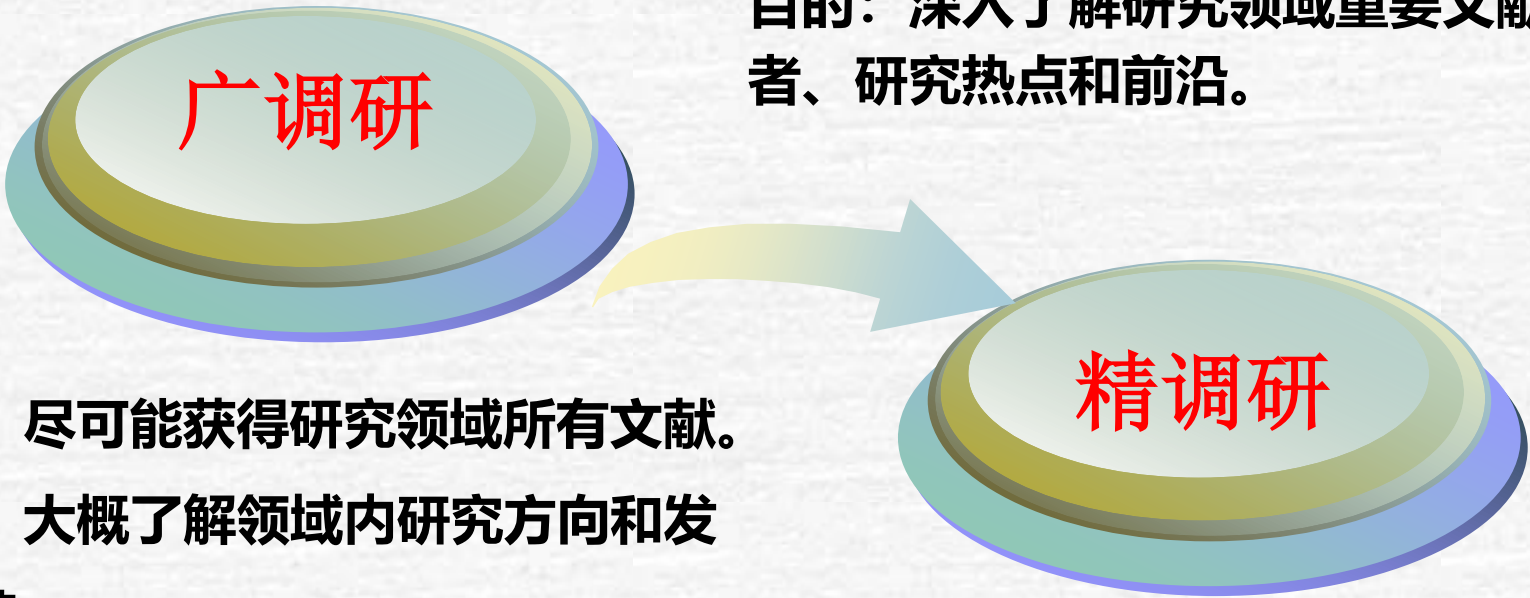
科研基金信息

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

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

文献调研的目的

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

知名科技网站

学科领域内顶级期刊

核心期刊



综合类期刊及数据库

Nature及子刊、Science及子刊、美国科学院院刊PNAS、Annual Reviews
数据库、Web of Science、CPCI会议论文数据库、Ei、Springer
Materials、Wiley、SDOL (ScienceDirect)、Springer (书、刊)
及时获知全球科研热点、最新进展和成果等

人文社会科学类：中国社会科学；新华文摘；《人民日报》或《光明日报》理论版刊

从中获取最新的科研资讯，探知前沿、把握趋势

积累知识、开拓思路眼界、找到方向！

学科领域内的顶级或核心期刊

学科领域或方向内的顶级期刊、核心期刊有哪些？怎么找？

- ◆ 导师、师兄弟姐妹推荐
- ◆ JCR
- ◆ 中国科学院文献情报中心的JCR分区

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请输入搜索信息:

JCR (Web of Knowledge)

别名：JCR；Journal Citation Reports；期刊引用报告；Journal Citation Reports；Web of Knowledge；Web of Science；SCI；SSC

类型：Bibliographies & Indexes

学科：综合性

Journals By Rank

Categories By Rank

Go to Journal Profile

Master Search



All Journal Categories ranked by Number of Journals

235个学科

Select Journals

Customize Indicators

Select Categories

Select JCR Year

2017

Select Edition

☒ SCIE ☒ SSCI

Clear

Submit

	Category	Edition	#Journals ▼	Total Cites	Median Impact Factor	Aggregate Impact Factor
1	ECONOMICS	SSCI	353	905,730	1.112	1.766
2	MATHEMATICS	SCIE	310	494,556	0.704	0.855
3	BIOCHEMISTRY & MOLECULAR BIOLOGY	SCIE	293	3,625,819	2.906	4.281
4	MATERIALS SCIENCE, MULTIDISCIPLINARY	SCIE	285	3,451,318	2.008	4.641
5	NEUROSCIENCES	SCIE	261	2,346,383	3.047	4.015
5	PHARMACOLOGY & PHARMACY	SCIE	261	1,571,415	2.481	3.148
7	ENGINEERING, ELECTRICAL & ELECTRONIC	SCIE	260	1,636,339	1.820	2.723
8	MATHEMATICS, APPLIED	SCIE	252	538,241	0.972	1.299
9	ENVIRONMENTAL SCIENCES	SCIE	242	1,893,304	2.071	3.488
10	EDUCATION & EDUCATIONAL RESEARCH	SSCI	239	346,922	1.333	1.542
11	ONCOLOGY	SCIE	223	1,931,396	3.193	4.600

Journals in CHEMISTRY, MULTIDISCIPLINARY

Go to Journal Profile

Master Search



Compare Journals

View Title Changes



Select Journals



Select Categories



Select JCR Year

2017



Select Edition

☒ SCIE ☐ SSCI

Journals By Rank

Categories By Rank

Journal Titles Ranked by Impact Factor

Compare Selected Journals

Add Journals to New or Existing List

Customize Indicators

Select All

Full Journal Title

Total Cites

Journal Impact Factor

Eigenfactor Score



1

CHEMICAL REVIEWS

174,920

52.613

0.26500



2

CHEMICAL SOCIETY REVIEWS

125,900

40.182

0.27600



3

Energy & Environmental Science

71,920

30.067

0.18000



4

Nature Chemistry

29,548

26.201

0.10200



5

ADVANCED MATERIALS

190,543

21.950

0.36500



6

ACCOUNTS OF CHEMICAL RESEARCH

67,004

20.955

0.14200

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转到 设置 以激活 Windows

首页 > 资源 > 中文数据库 > J > 正文

<< 返回

JCR期刊分区表

JCR期刊分区数据在线平台（中国科学院）

相关数据库

JCR (Web of Science)

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访问平台：<http://www.fenqubiao.com/Default.aspx>

分区查询：[查不到分区原因分析](#)

关于升级版：从2022年开始，分区表将只发布升级版结果，不再有基础版和升级版之分。

激活 Windows
转到“设置”以激

中国科学院文献情报中心期刊分区表

2021

大类

地学

全部

默认

浏览期刊

期刊浏览

可按照学科分类、期刊等级（分区）来浏览各个学科、各个分区的期刊列表，点击期刊列表任意一本期刊可展开查看该本期刊信息。

分类体系

小类学科体系基于Clarivate Sciences学科体系为地学、地学天文、环境科学、农林科学、工程技术、化学、生物、数学、医学、材料科学等学科所构成的分类体系。

分区指标

3年平均IP：即期刊3年影响因子的平均值。

分区阈值

2005 - 2021

每个学科各期刊等级（分区）的期刊集合的最低3年平均IP，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（IP）的平均值。
最近3年：该学科所有期刊最近3年平均影响因子（IP）的平均值。

基础版

名/ISSN

学科

小类学科

升级版

2019 - 2023

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

2023年 ▾

请输入刊名/ISSN

查找期刊

批量检索

大类学科

小类学科

地球科学

物理与天体物理

数学

农林科学

材料科学

计算机科学

环境科学与生态学

化学

工程技术

生物学

医学

综合性期刊

社会学

心理学

教育学

经济学

管理学

哲学

历史学

文学

艺术学

2022年

化学

请输入刊名/ISSN

查找期刊

序号	刊名		ISSN	分区
1	CHEMICAL REVIEWS	review	0009-2665	1 区
2	CHEMICAL SOCIETY REVIEWS	review	0306-0012	1 区
3	Nature Reviews Chemistry	review	2397-3358	1 区
4	PROGRESS IN POLYMER SCIENCE	review	0079-6700	1 区
5	Nature Catalysis		2520-1158	1 区
6	Nature Chemistry		1755-4330	1 区
7	COORDINATION CHEMISTRY REVIEWS	review	0010-8545	1 区
8	NATURAL PRODUCT REPORTS	review	0265-0568	1 区
9	Chem		2451-9294	1 区
10	ACCOUNTS OF CHEMICAL RESEARCH	review	0001-4842	1 区

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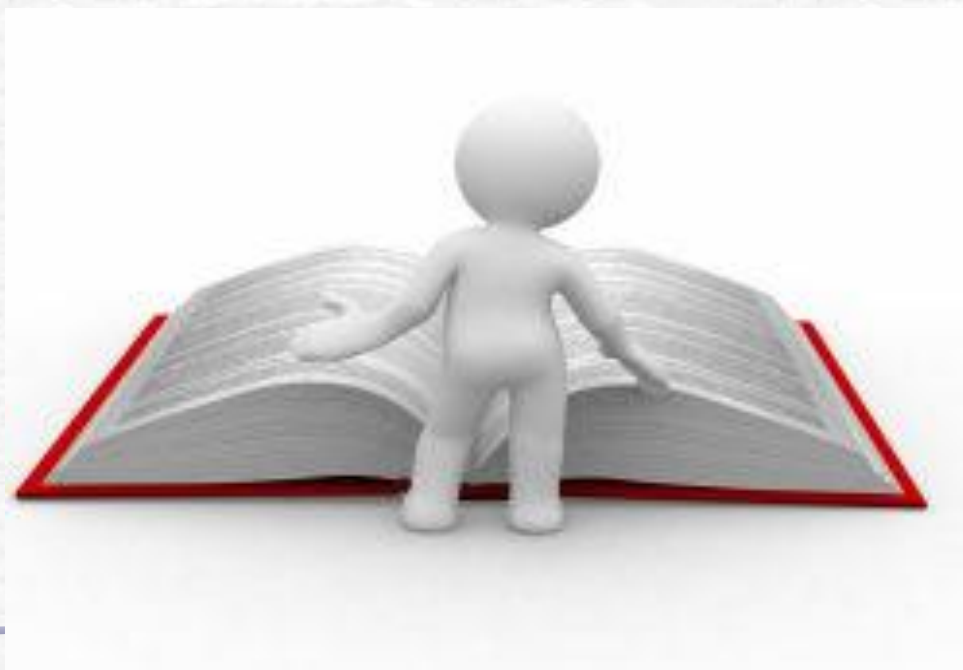
2023年 ▾

CHEMICAL REVIEWS

刊名	CHEMICAL REVIEWS
年份	2023
ISSN	0009-2665
Review	是
Open Access	否
Web of Science	SCIE

		学科	分区	Top期刊
大类		化学	1	是
小类		CHEMISTRY, MULTIDISCIPLINARY 化学：综合	1	-

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

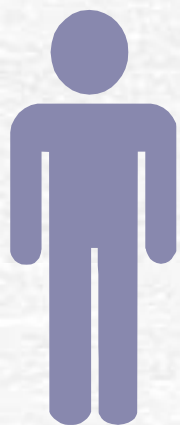
- 领域的研究**历史**
- 重要**理论、技术和方法**
- 领域内经典的、重要的及高被引**文献**

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

The screenshot shows the EndNote software interface. On the left is a sidebar with a file explorer showing folders like 'All References' (839 items), 'Recently Added', 'Unfiled' (82 items), 'Trash' (6 items), and 'MY GROUPS'. The main window displays a list of references under the 'All References' tab. A yellow overlay box in the center contains four numbered steps for using EndNote. The reference list includes entries from 2019 and 2020, such as 'American Law Institute Releases a ...' and 'Dormant Commerce Clause--Extra...'. The right side of the interface shows a form for editing a reference, with fields for 'Type' (set to 'Journal Article'), 'Author', 'Year', 'Title', 'Journal', 'Volume', 'Part/Supplement', 'Issue', 'Pages', 'Start Page', 'End Page', and 'Epub Date'. A Windows activation watermark is visible in the bottom right corner.

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

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 ...

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qdong@xmu.edu.cn...

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⊕ Briercrest Coll

⊕ EBSCO Business Basi...

⊕ Education Abs (EBSC...

⊕ Education Abs (EBSC...

⊕ Education Res Comp...

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⊕ Jisc Library Hub Disc...

⊕ Library of Congress

⊕ PsycINFO (EBSCO)

⊕ PsycINFO (EBSCO) C...

⊕ PubMed (NLM)

⊕ Web of Science Cor...

All References

+

All References

839 References

Advanced search



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
Waubensee 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 (NLM)
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

Unfiled

Trash

MY GROUPS

nano plant

plant2023 25

My Groups

FIND FULL TEXT

GROUPS SHARED BY ...

plant2023

+

Author

Contains

And

Year

Contains

And

Title

Contains

nano

- 对文件夹进行二次检索限定
- 保证查准（人工分拣）

➤把撒网所得归类放入文件夹

plant2023

	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...	

➤ 创建智能分组文件夹

The screenshot shows the EndNote X9 software interface. On the left, the 'Groups' panel is open, displaying a tree view of groups. The 'Create Smart Group' option is highlighted in blue. The main window displays a list of references with the following columns: Year, Title, Rating, Journal, and a '备注' (Remarks) column. The status bar at the bottom indicates 'Showing 776 of 776 references in Group Set. (All References: 921)'.

Year	Title	Rating	Journal	备注
2019	Water shortages loom for Asia's new power plants	★★★	Nature	一般
2019	46th ESAO Congress 3-7 September 2019 Hannover, ...		International Journal of Artificial Or...	
2020	Carbon-dot-loaded CoxNi1-xFe2O4i x=0.9/SiO2/TiO2 ...		Scientific Reports	
2020	Differentiation of Nanoparticles Isolated from Distinc...		Journal of Hazardous Materials	
2020	Nitric oxide and selenium nanoparticles confer change...		Environmental Science and Pollutio...	
2019	Synthesis of silver nanoparticles using a modified Toll...		Peerj	
2019	Doping Solar Field Heat Transfer Fluid With Nanoparti...		Journal of Solar Energy Engineering...	
2020	Nutritional Status of Tomato (Solanum lycopersicum) ...		Journal of Agricultural and Food Ch...	
2020	Functionalization of zinc oxide nanoparticles using Mu...		Surfaces and Interfaces	
2019	Eco-friendly synthesis of zinc oxide nanoparticles usin...		Journal of Drug Delivery Science an...	
2019	Anti-inflammatory mechanism of various metal and ...		Biomedicine & Pharmacotherapy	
2019	Influence of nanoprecipitation on crystalline starch na...		Chemical Engineering and Processin...	
2019	Synthesis of silver nanoparticles using leaves of Cathar...		Applied Nanoscience	
2020	Green synthesis and chemical characterization of gold na...	★★★★	Applied Organometallic Chemistry	重要
2019	Assessing the antioxidant, cytotoxic, apoptotic and w...		Materials Science & Engineering C-...	
2020	Green Synthesis of Silver Nanoparticles Using Parthen...		Molecules	
2019	Anti-Toxoplasma activity of silver nanoparticles green...		Bioscience Reports	
2020	Localization of mercury and gold in cassava (Manihot ...		Environmental Science and Pollutio...	
2019	Enhanced anti-tumor efficacy and reduced cardiotoxic...		Colloids and Surfaces B-Biointerfaces	
2020	Green synthesis of bimetallic copper-silver nanopartic...		Clean Technologies and Environmen...	
2020	Green synthesis of silver nanoparticles from Neurada ...		Journal of King Saud University Scie...	
2020	Effective Inhibition of Candidiasis Using an Eco-Friend...		Nanomaterials	
2020	Biosynthesis of silver nanoparticle from pomelo (Citru...		Materials Research Express	
2019	Exogenous Production of Silver Nanoparticles by Teph...		Nanomaterials	
2019	Combined use of biochar and zinc oxide nanoparticle f...		Environmental Science and Pollutio...	
2019	Biomass and lipid induction strategies in microalgae f...		Microbial Cell Factories	
2020	Thermo-physical properties and corrosivity improvem...		Journal of Molecular Liquids	
2019	Physio-biochemical and ultrastructural impact of (Fe3...		Bmc Plant Biology	

Search Options

Keywords

And Any Field + PDF with Not

And Year Contains

➤ 设置检索条件，完成智能分组

➤ 保证查准（智能自动分拣）

Author	Year	Title	Rating	Journal	备注	Research Notes
Agarwal, H.; ...	2020	Functionalization of zinc oxide nano...		Surfaces and Interfaces		
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					
Garpure, S.;...	2019					
Goyal, D.; Sai...	2019					
Handayani, ...	2020					
Hemmati, S.;...	2019					
Hossain, A.;	2019					

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

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

The screenshot displays the EndNote X9 interface. On the left, the 'My Library' pane shows a list of groups, with '纳米' (Nanotechnology) selected and containing 776 references. The main pane shows a list of references with columns for Author, Year, Title, Rating, Journal, and Notes. A context menu is open over the selected references, showing options like 'Record Summary...', 'New Reference', 'Move References to Trash', and 'Add References To'. The 'Add References To' option is highlighted, and a sub-menu is shown with options 'a', 'b', '备选' (Alternative), '次级看' (Secondary View), '优先看' (Priority View), '贵金属' (Precious Metals), and 'c'. The '次级看' option is selected. The right pane shows the details of the selected reference, including the Author (Abdallah, B. B.), Year (2020), and Title (Differentiation of Nanoparticles Isolated from ...).

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)

Search Options

Keywords

And Any Field + PDF with Not

And Year

Author Year Title Rating Journal 备注 Research

Abd Elkodou... 2019 Water shortages loom for Asia's new power plants ★★

46th ESAO Congress 3-7 September 2019 Hannover

Abdallah, B. ... 2020 Carbon-dot-loaded CoxNi1-xFe2O4i x=0.9/SiO2/TiO2 ...

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...

Alajimi, 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...

Record Summary...

New Reference

Move References to Trash

Add References To

Copy References To

E-mail Reference

Remove References from Group Ctrl+

Cut

Copy

Copy Formatted

Paste

Mark as Read

Mark as Unread

Rating

Show All References

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...

Create Custom Group...

a

b

备选

次级看

优先看

贵金属

c

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 ...

Start Page

Errata

Epub Date

Date

Mar 15

Type of Article

激活 Windows

转到“设置”以激活 Windows。

实时资讯更新

Layout

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

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 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

Create Custom Group...

纳米
a
b
备选
次级看
优先看
贵金属
c

Pages

Start Page

Errata

Epub Date

Date

Mar 15

Type of Article

Chart Title

激活 Windows
转到“设置”以激活 Windows。

实时资讯更新

Layout

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)

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

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

注意事项——保存检索式

The screenshot displays the EndNote X9 software interface. A red box highlights the 'Save Search' option in the 'Search' menu. Another red box highlights the '纳米' (Nanotechnology) group in the left sidebar. The main window shows a list of references, and the right sidebar shows the details of a selected reference.

Search Menu Options:

- Save Search
- Load Search
- Restore Default
- Convert to Smart Group
- Insert Tab
- Insert Carriage Return

Reference List:

Author	Year	Title	Rating	Journal	备注	Research
Abdalllah, B. B.	2020	Water shortages loom for Asia's new power plants	★★★	Nature	一般	污水处
Abdalllah, B. B.	2020	46th ESAO Congress 3-7 September 2019 Hannover, ...		International Journal of Artificial Or...		
Abdalllah, B. B.	2020	Carbon-dot-loaded CoxNi1-xFe2O4i x=0.9/SiO2/TiO2 ...		Scientific Reports		
Abdalllah, B. 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...		
Abu Dalo, M. ...	2019	Synthesis of silver nanoparticles using a modified Toll...		Peerj		
Abutayeh, 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		

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

Errata

Epub Date

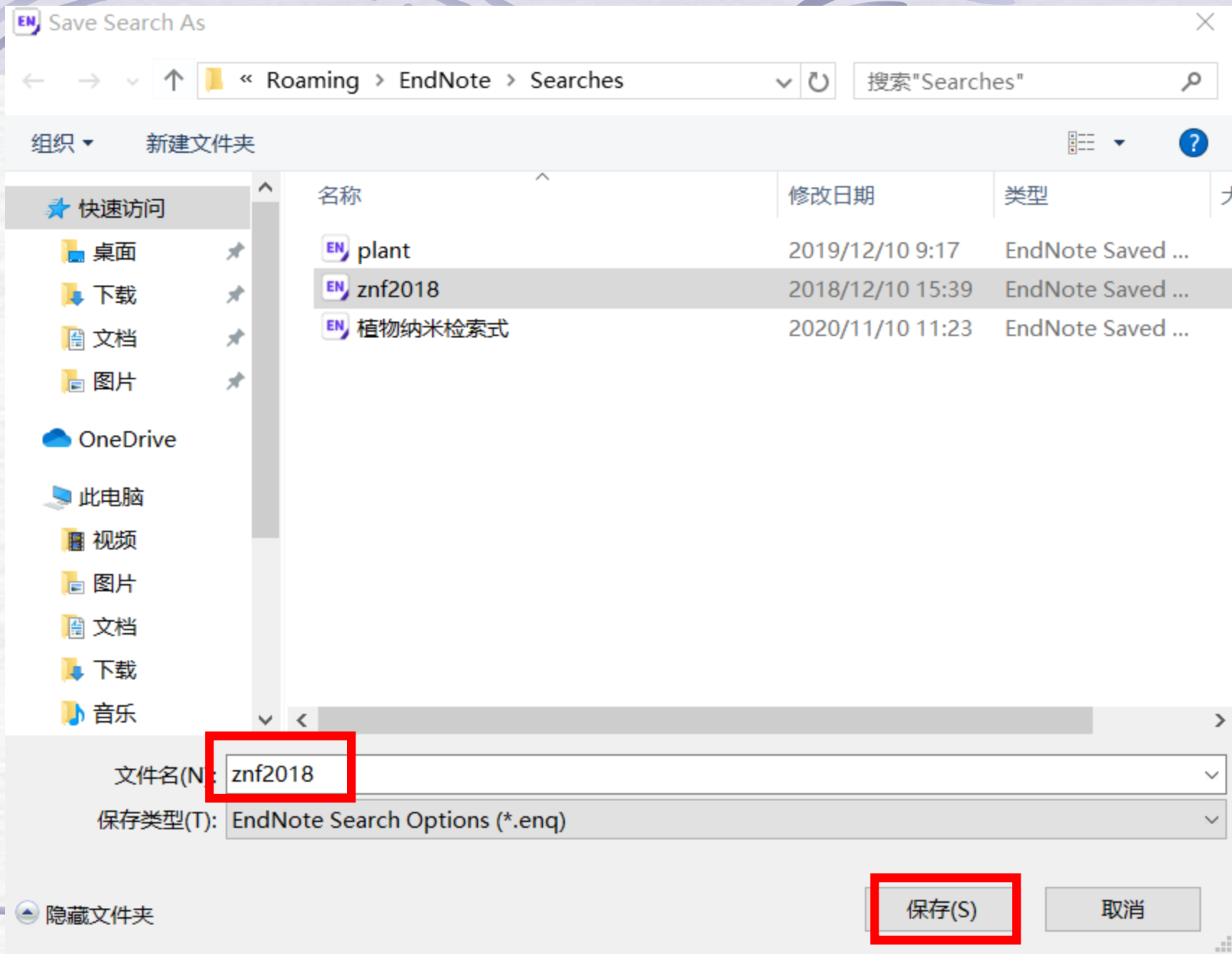
Date

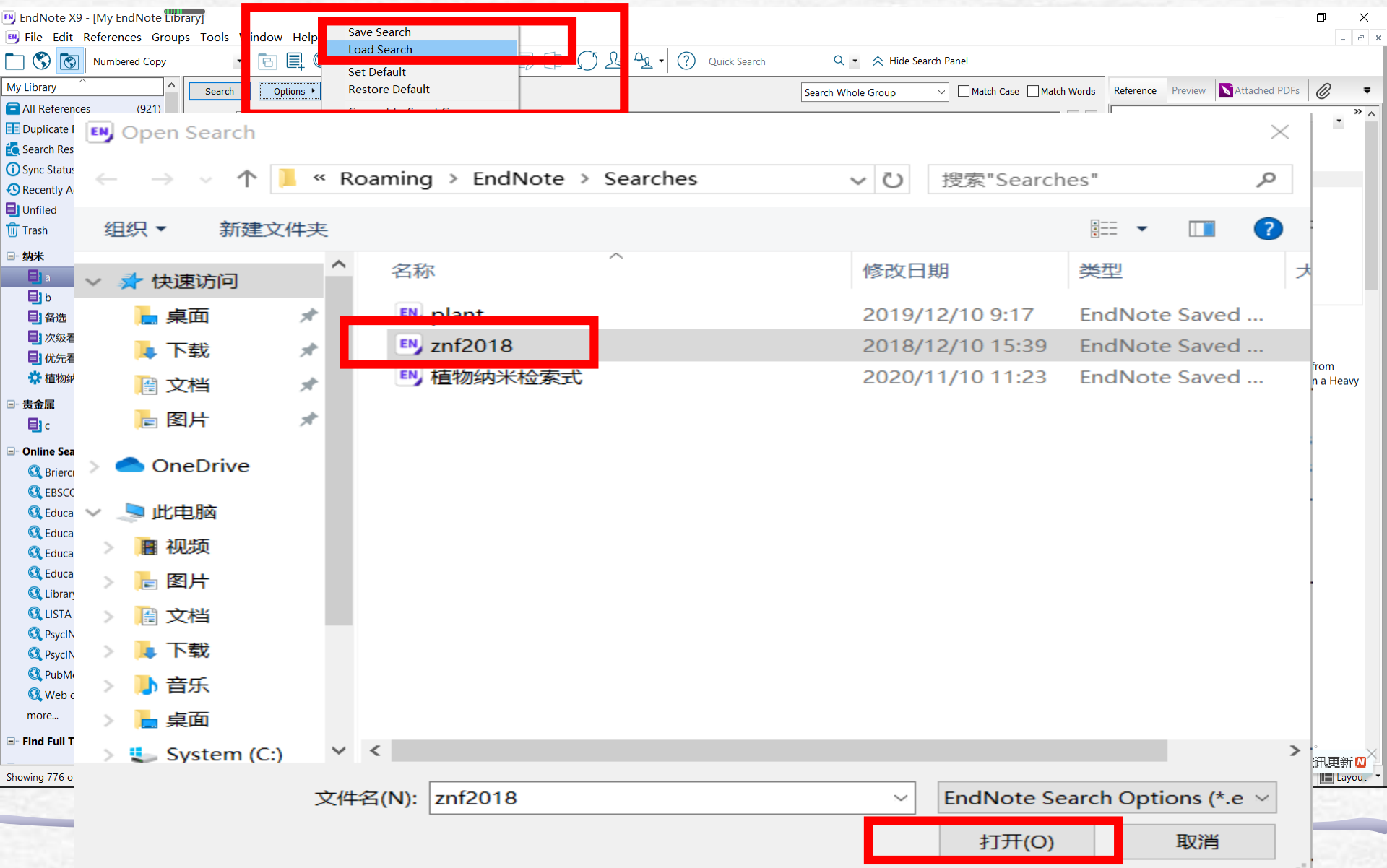
Mar 15

Type of Article

激活 Windows 转到“设置”以激活 Windows。

实时资讯更新





3.阅读分析——消化吸收

The screenshot displays the EndNote X9 application window. The main pane shows a list of references. A right-click context menu is open over a reference, with the 'Find Full Text' option highlighted in blue. The menu also includes options like 'Record Summary...', 'New Reference', 'Edit References', 'Move References to Trash', 'Add References To', 'Copy References To', 'E-mail Reference', 'Remove References From Group', 'Cut', 'Copy', 'Copy Formatted', 'Paste', 'Mark as Read', 'Mark as Unread', 'Rating', 'Show All References', 'Show Selected References', 'Hide Selected References', 'PDF Viewer', 'Find Full Text', 'Find References Metadata', 'URL', 'Web of Science', 'Restore to Library', and 'Resolve Sync Conflicts...'. The background shows the 'My Library' pane on the left and the 'Reference' pane on the right.

- My Library
- 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 C... (0)
 - more...
 - Find Full Text
 - Found PDF (2)
 - Not found (4)
 - Groups Shared by Others

Search Options

Search Whole Library

Match Case Match Words

Author Contains

And Year Contains

And Title Contains

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

➤ 对文献做笔记、备注、标注重要程度

Reference

on HUVEC cell line. AuNPs similar to daunorubicin, significantly ($p \leq 0.05$) 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

Kn1ei

Times Cited:5

Research Notes

用叶子制造

URL

<Go to ISI>://WOS:000507437000001

<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

My Library

- Sync Status...
- Recently Added (921)
- Unfiled (145)
- Trash (0)
- 纳米 (776)
 - a (0)
 - b (0)
 - 备选 (0)
 - 次级看 (0)
 - 优先看 (1)
 - 植物纳米 (65)
- 贵金属 (0)
 - 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)
- Find Full Text
 - Found PDF (2)
 - Not found (4)
- Groups Shared by Others

Search Options

Search Whole Library ☐ Match Case ☐ Match Words

Author	Contains		+	-
And	Year	Contains	+	-
And	Title	Contains	+	-

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

➤ 阅读，高亮、下划线、做删除备注

Reference Preview Ahmeda-2020- Green synthesis and chemical chara.pdf

2 of 13 WILEY Applied Organometallic Chemistry AHMEDA ET AL

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 Subcontinent, 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, neuroprotective, 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.^[4]

Metallic nanoparticles, as one of the nanotechnology field products are available in various sizes and shapes

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them, specifying including biodegradable, biocompatible, biologically active, synthetic, naturally occurring, high purity, have 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

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

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Reference Preview Ahmeda-2020-Green synthesis and chemical chara.pdf

green

Received: 25 August 2019 | Revised: 14 September 2019 | Accepted: 16 September 2019
DOI: 10.1002/aoc.5290

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

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

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Akram Zangeneh, Department of Clinical Sciences, Faculty of Veterinary Medicine, Razi University, Kermanshah, Iran.
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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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Year	Title	Rating
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Z... 2020	Green synthesis and chemical characterization of gold na...	★★★★

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

4.简单信息分析——挖掘

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Quick Search

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Attached PDFs

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	Rating	Journal	备注
oom 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...	
Synthesis of silver nanoparticles using a modified Toll...		Peerj	
Doping Solar Field Heat Transfer Fluid With Nanoparti...		Journal of Solar Energy Engineering...	
Nutritional Status of Tomato (Solanum lycopersicum) ...		Journal of Agricultural and Food Ch...	
Functionalization of zinc oxide nanoparticles using Mu...		Surfaces and Interfaces	
Eco-friendly synthesis of zinc oxide nanoparticles usin...		Journal of Drug Delivery Science an...	
Anti-inflammatory mechanism of various metal and ...		Biomedicine & Pharmacotherapy	
Influence of nanoprecipitation on crystalline starch na...		Chemical Engineering and Processin...	
Synthesis of silver nanoparticles using leaves ofCathar...		Applied Nanoscience	
Green synthesis and chemical characterization of gold na...	★★★★	Applied Organometallic Chemistry	重要
Assessing the antioxidant, cytotoxic, apoptotic and w...		Materials Science & Engineering C-...	
Green Synthesis of Silver Nanoparticles Using Parthen...		Molecules	
Anti-Toxoplasma activity of silver nanoparticles green...		Bioscience Reports	
Localization of mercury and gold in cassava (Manihot ...		Environmental Science and Pollutio...	
Enhanced anti-tumor efficacy and reduced cardiotoxic...		Colloids and Surfaces B-Biointerfaces	
Green synthesis of bimetallic copper-silver nanoparticl...		Clean Technologies and Environmen...	
Green synthesis of silver nanoparticles from Neurada ...		Journal of King Saud University Scie...	
Effective Inhibition of Candidiasis Using an Eco-Friend...		Nanomaterials	
Biosynthesis of silver nanoparticle from pomelo (Citru...		Materials Research Express	
Exogenous Production of Silver Nanoparticles by Teph...		Nanomaterials	
Combined use of biochar and zinc oxide nanoparticle f...		Environmental Science and Pollutio...	
Biomass and lipid induction strategies in microalgae f...		Microbial Cell Factories	
Thermo-physical properties and corrosivity improvem...		Journal of Molecular Liquids	
Physio-biochemical and ultrastructural impact of (Fe3...		Bmc Plant Biology	

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Edition
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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

作者

Author Year Title Rating Journal

Ang, M...

Dai, W. ...

Dey, T. K...

Doost, ...

Falfushy...

Farooq, ...

Guo, Y. ...

Hashem...

Ishaq, S...

Li, B. Y.; ...

Li, W. Y.;...

Liu, C.; L...

Lucia, G...

Mu, T. T...

Ratie, G...

Shahaba...

Wan, B. ...

Wang, ...

Zhang, J...

Zhang, ...

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Year

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Secondary Title

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2007	30
2005	29
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2003	22
2002	8
2002	8
2000	7
1996	6
1995	4
1991	3
1994	2
1997	2
1990	1
1992	1
1993	1
1998	1

发表年代

➤ 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

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	24
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

关键词

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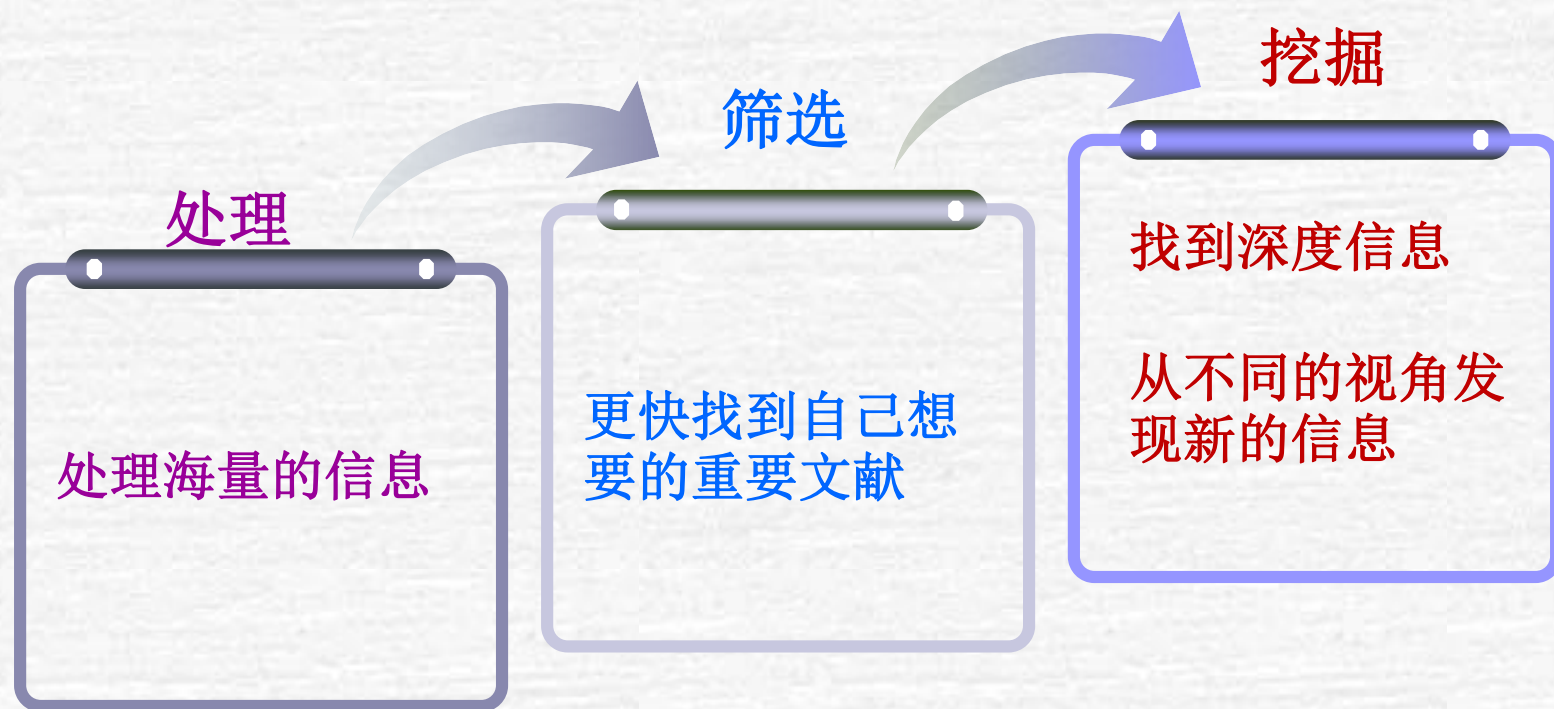
优点

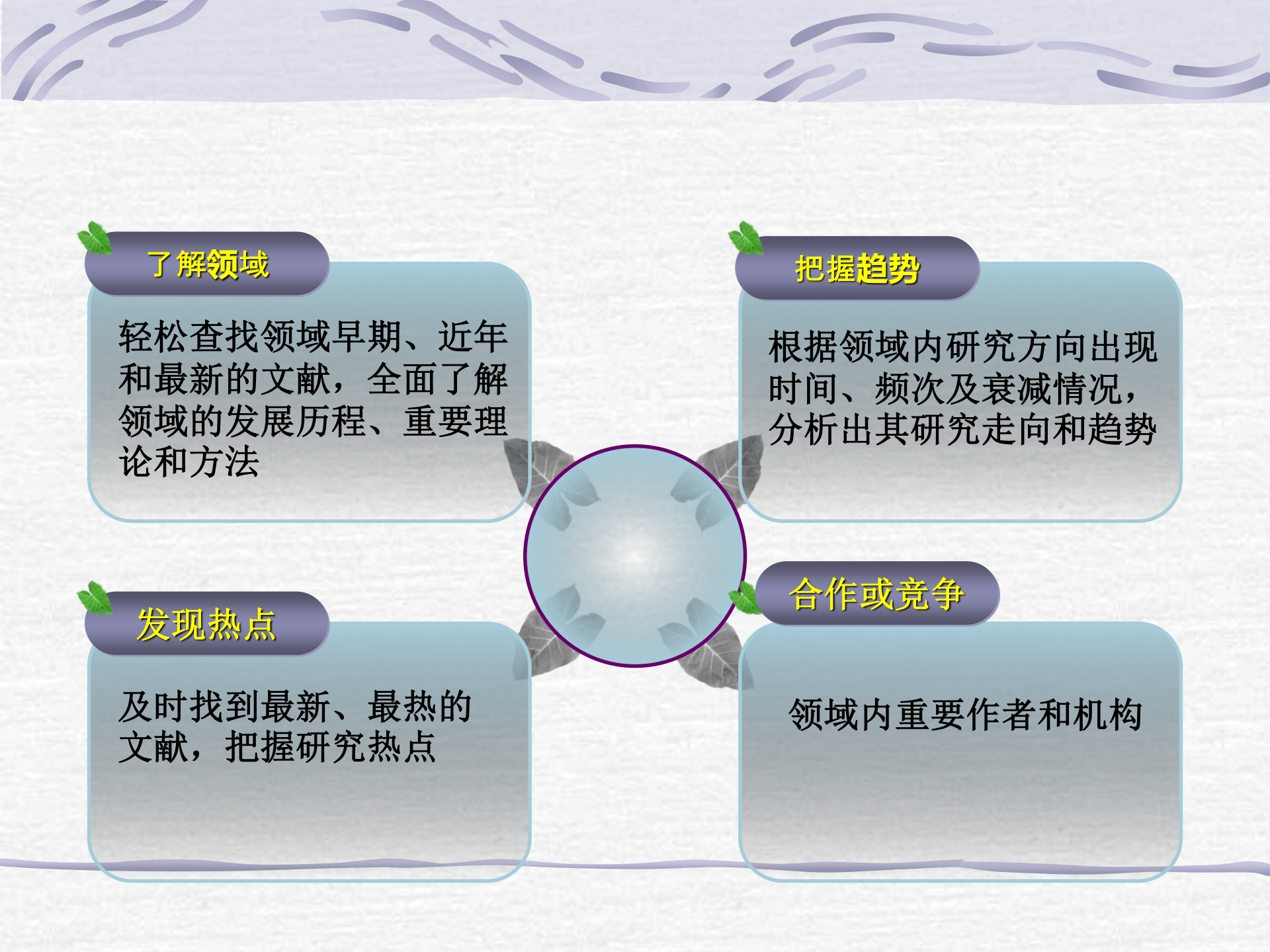
- 高效分类、管理、搜索
- 有效阅读、吸收
- 方便笔记、引用和写作
- 可以汇集多个数据库的资源

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- 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

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Engineering Village

3

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A CAS SOLUTION

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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

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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

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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



Quick search:

Subject/Title/Abstract



"Wastewater Treatment"



Suggested terms: ?

Effluents

Chemicals Removal (Water Treatment)

Chemical Oxygen Demand

Bioreactors

Activated Sludge Process

Turn off AutoSuggest | + Add search field | Reset form

Databases

Date

Language

Document type

Sort by

Browse indexes

Autostemming

Discipline

Treatment

75995 records

found in Compendex for 1884-2019: (("Wastewater Treatment")) WN KY

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Save search

RSS feed

Sort by:

Refine



Display

Numeric filter ?



1. ☐

A Monte Carlo-based integrated model to optimize the cost and performance of wastewater treatment

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Refine

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Add a term

Document type

Author

Author affiliation

Controlled vocabulary

Classification code

1. ☐ **A Monte Carlo-based integrated model to optimize the cost and treatment processes in a typical comprehensive industrial park in**

Long, Sha (School of Environmental Science and Engineering, Tianjin University, T
Hongbo; Li, Jingchen; Zhou, Xia; Liu, Yunfeng; Qiao, Zhi; Zhao, Yingxin; Yang, Yo
Environment, v 647, p 1-10, 10 January 2019

Database: Compendex

Document type: Journal article (JA)

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发现研究领域高产出和最活跃的学者

发现领域内权威研究机构

Pfluger, Andrew (Colorado School of Mines, Department of Civil & Environmental I
son; Zhiteneva, Veronika; Gulliver, Teigan; Cherr
Source: Journal of Cleaner Production, v 206, p 97-107, 1 January 2019

Database: Compendex

Document type: Journal article (JA)

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☐ Journal article	(43806)
☐ Conference article	(13434)
☐ Conference proceeding	(519)
☐ Article in Press	(492)
☐ Dissertation	(171)
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Year	
☐ 2016	(1613)
☐ 2015	(3927)
☐ 2014	(3820)
☐ 2013	(3264)
☐ 2012	(3045)
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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

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

Controlled vocabulary

☐	Wastewater Treatment	(48690)
☐	Wastewater	(14925)
☐	Effluents	(9023)
☐	Water Treatment Plants	(6901)
☐	Chemical Oxygen Demand	(6034)
☐	Wastewater Reclamation	(5845)
☐	Bioreactors	(4592)
☐	Chemicals Removal (Water Treatment)	(4309)
☐	Activated Sludge Process	(3969)
☐	Water Quality	(3803)

[View more](#) | [View fewer](#)

Author

Author affiliation

Classification code

☐	Industrial Wastes Treatment and Disposal	(42158)
☐	Chemical Operations	(18492)
☐	Chemical Products Generally	(18020)
☐	Industrial Wastes	(17754)
☐	Chemical Reactions	(16984)
☐	Organic Compounds	(13864)
☐	Water Treatment Techniques	(12060)
☐	Sewage Treatment	(11954)
☐	Water Pollution	(10769)
☐	Municipal and Industrial Wastes; Waste Treatment and Disposal	(9804)

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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

2.利用不同年代受控词或学科分类的变化

Controlled vocabulary 田

Controlled vocabulary 田

对比2022—2024的变化情况，发现新热点及新出现的学科研究领域

☐ Effluents	(964)
☐ Water Treatment	(516)
☐ Nitrogen Removal	(437)
☐ Chemicals Removal (Water Treatment)	(423)
☐ Chemical Oxygen Demand	(392)
☐ Biological Water Treatment	(387)
☐ Efficiency	(365)
☐ Wastewater Reclamation	(350)
☐ Bacteria	(346)
☐ Effluent Treatment	(335)
☐ Reclamation	(319)
☐ Adsorption	(315)



☐ Effluents	(1079)
☐ Water Treatment	(661)
☐ Chemicals Removal (Water Treatment)	(636)
☐ Nitrogen Removal	(624)
☐ Efficiency	(553)
☐ Adsorption	(502)
☐ Bacteria	(501)
☐ Chemical Oxygen Demand	(465)
☐ Reclamation	(449)
☐ Biological Water Treatment	(404)
☐ Bioreactors	(391)
☐ Water Treatment Plants	(380)

2022

2024

实例2：利用SciFinder发现热点

案例：artemisinin青蒿素

The screenshot displays the CAS SciFinder homepage. At the top, the CAS SciFinder logo is on the left, and navigation links for Alerts, Saved, and a user profile (Han dongli) are on the right. Below the header, a dark blue banner greets the user with "Good Afternoon, Han". A horizontal menu contains tabs for All, Substances (highlighted with a red box), Reactions, References, and Suppliers. Below this menu is a large white search bar containing the text "Artemisinin" (also highlighted with a red box). To the right of the search bar are icons for clearing the search, drawing a structure, and a magnifying glass. Below the search bar, there is a section for advanced search with a dropdown menu set to "AND", a dropdown menu set to "Molecular Formula", and a text input field. Below these are examples of search terms: "C6H6 | (C8H8)x | C22H26CuN2O5.C2H3N". At the bottom left of this section is a button labeled "+ Add Advanced Search Field". In the bottom right corner, there is a blue speech bubble icon labeled "Feedback".

CAS SciFinder[®]

Alerts Saved Han dongli

Good Afternoon, Han

All Substances Reactions References Suppliers

Artemisinin

AND Molecular Formula

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

+ Add Advanced Search Field

Feedback



Save time on research with CAS Bioactivity data now available on substance and reference details. Use the [Bioactivity Data](#) tool.
[Learn more about CAS life sciences.](#)

Filter Behavior

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

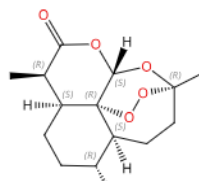
1 Selected ▾ 2 Results



1



63968-64-9



Absolute stereochemistry shown

C₁₅H₂₂O₅
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

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-*f*]-1,2-benzodioxepin-10(3*H*)-one (ACI)

3,12-Epoxy-12*H*-pyrano[4,3-*f*]-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

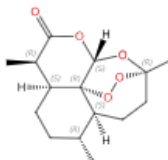


Commercial Availability

- ☐ 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: CAPUS 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

2

Production of the antimalarial drug precursor artemisinic acid in engineered yeast

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作者

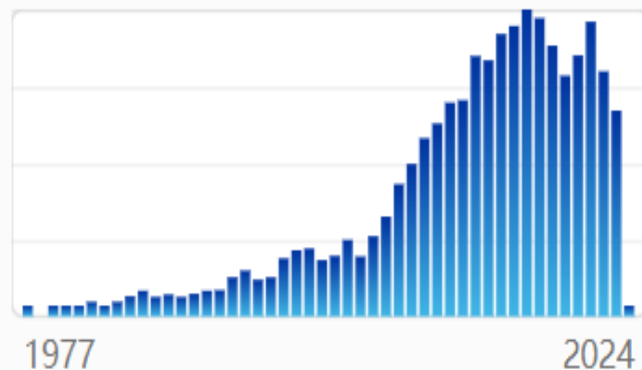
^ Author

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

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出版年

^ Publication Year



No Min

to

No Max

Apply

[View Larger](#)

^ 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)

研究领域

^ CA Section

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

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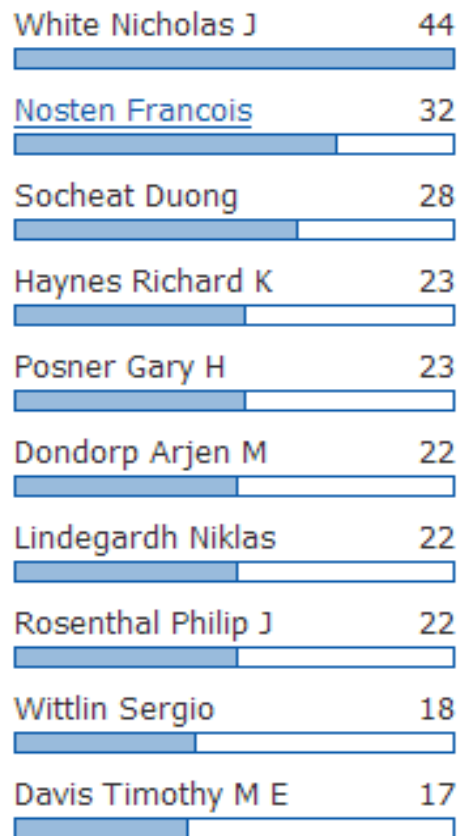
研究主题

^ Concept

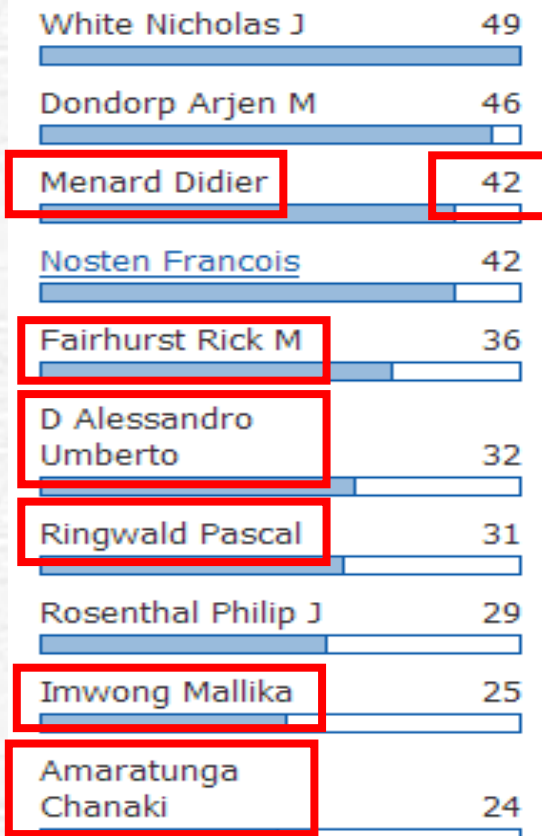
- ☐ Antimalarials (4,254)
- ☐ Artemisinins (3,641)
- ☐ Humans (2,853)
- ☐ Homo sapiens (2,513)
- ☐ Human (2,513)

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思路：从近几年新出现的核心作者去发现研究热点



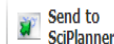
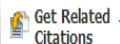
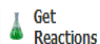
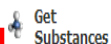
2020-2022



2023-2024

Research Topic "artemisinin" > references (9783) > refine "2013-2015" (2577) > keep analysis "Author Name" (42)

REFERENCES



Analyze Refine Categorize

Analyze by:

Index Term

Plasmodium

falciparum

33

Antimalarials

29

Malaria, Falciparum

21

Artemisinins

20

*Antimalarials

19

drug effects

19

Humans

19

Plasmodium

falciparum: DE, drug

effects

19

*Artemisinins

18

Drug resistance

18

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0 of 42 References Selected

Display Options

Page: 1 of 3

1. Clinical determinants of early parasitological response to ACTs in African patients with uncomplicated falciparum malaria: a literature review and meta-analysis of individual patient data

Quick View Other Sources

By Abdulla, Salim; Adam, Ishag; Adjei, George O.; Adjuk, Martin A.; Alemayehu, Bereket; Allan, Richard; Arinaitwe, Emmanuel; Ashley, Elizabeth A.; Ba, Mamadou S.; Barennes, Hubert; et al
From BMC Medicine (2015), 13, 212/1-212/16. | Language: English, Database: CAPLUS

Background: **Artemisinin**-resistant Plasmodium falciparum has emerged in the Greater Mekong sub-region and poses a major global public health threat. Slow parasite clearance is a key clin. manifestation of reduced susceptibility to **artemisinin**. This study was designed to establish the baseline values for clearance in patients from Sub-Saharan African countries with uncomplicated malaria treated with **artemisinin**-based combination therapies (ACTs). Methods: A literature review in PubMed was conducted in March 2013 to identify all prospective clin. trials (uncontrolled trials, controlled trials ...

2. Novel cross-border approaches to optimise identification of asymptomatic and artemisinin-resistant plasmodium infection in mobile populations crossing Cambodian borders

Quick View Other Sources

By Edwards, Hannah M.; Canavati, Sara E.; Rang, Chandary; Ly, Po; Sovannaroth, Siv; Canier, Lydie; Khim, Nimol; Menard, Didier; Ashton, Ruth A.; Meek, Sylvia R.; et al
From PLoS One (2015), 10(9), e0124300/1-e0124300/17. | Language: English, Database: CAPLUS

Background Human population movement across country borders presents a real challenge for malaria control and elimination efforts in Cambodia and its neighboring countries. To quantify Plasmodium infection among the border-crossing population, including asymptomatic and **artemisinin** resistant (AR) parasites, three official border crossing points, one from each of Cambodia's borders with Thailand, Laos and Vietnam, were selected for sampling. Methods and Findings A total of 3206 participants (of 4110 approached) were recruited as they crossed the border, tested for malaria and interviewed. By...

3. Evidence of Plasmodium falciparum multidrug resistance to artemisinin and piperaquine in Western Cambodia: dihydroartemisinin-piperaquine open-label multicenter clinical assessment

Quick View Other Sources

By Leang, Rithea; Taylor, Walter R. J.; Bouth, Denis Mey; Song, Lijiang; Tarning, Joel; Char, Meng Chuor; Kim, Saorin; Witkowski, Benoit; Duru, Valentine; Domergue, Anais; et al
From Antimicrobial Agents and Chemotherapy (2015), 59(8), 4719-4726. | Language: English, Database: CAPLUS

Western Cambodia is recognized as the epicenter of Plasmodium falciparum multidrug resistance. Recent reports of the efficacy of dihydroartemisinin (DHA)-piperaquine (PP), the latest of the **artemisinin**-based combination therapies (ACTs) recommended by the WHO, have prompted further investigations. The clin. efficacy of dihydroartemisinin-piperaquine in uncomplicated falciparum malaria was assessed in western and eastern Cambodia over 42 days. Day 7 plasma piperaquine concns. were measured and day 0 isolates tested for in vitro susceptibilities to piperaquine and mefloquine, polymorphisms in...

4. Molecular markers of artemisinin resistance in the K13 propeller protein gene of Plasmodium falciparum

Quick View PATENTPAK

By Arieu, Frederic; Pujalon, Odile; Menard, Didier; Benoit-Vical, Francoise; Beghain, Johann; Witkowski, Benoit; Barale, Jean-Christophe; Bouchier, Christiane; Khim, Nimol
From PCT Int. Appl. (2015), WO 2015071759 A1 20150521. | Language: English, Database: CAPLUS

Alleles of the gene for the K13-propeller protein are useful mol. markers for tracking the emergence and spread of **artemisinin**-resistant Plasmodium. The invention encompasses methods, compns., and kits for detecting and genotyping Plasmodium, for example Plasmodium falciparum. The methods, compns. and kits can be used to detect the presence or absence of a mutated K-13 propeller nucleic acid or protein in the

综合实例：青蒿素研究

广调研

1. **SCI**等综合性数据库、综述数据库及基金网站等，对领域研究热点有大概了解，明确研究方向

精调研

1. **web of science**数据库了解研究方向的研究历史、现状及未来趋势
2. **EI**数据库了解其工程应用情况
3. 各学科专业数据库搜索相关文献，了解最新研究进展及存在问题
4. **SciFinder**数据库了解其物质、反应、结构、数据及专利等情况

1.了解概况、明确方向

Web of Science

Clarivate
Analytics

工具 ▾ 检索和跟踪 ▾ 检索历史 标记结果列表

选择数据库

Web of Science 核心合集 ▾

基本检索

作者检索^{BETA}

被引参考文献检索

高级检索

化学结构检索

artemisinin



主题 ▾

检索

检索提示

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2. 输入课题名称

时间跨度

自定义年份范围 ▾

2019 ▾

至

2020 ▾

更多设置 ▲

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- ☒ Social Sciences Citation Index (SSCI) --1980年至今
- ☒ Conference Proceedings Citation Index- Science (CPCI-S) --1996年至今
- ☒ Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH) --2007年至今

Web of Science 核心合集: 化学索引

- ☒ Current Chemical Reactions (CCR-EXPANDED) --1985年至今
(包括Institut National de la Propriete Industrielle 化学结构数据, 可回溯至1840 年)
- ☒ Index Chemicus (IC) --1993年至今

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1 个字段 (主题) ▾

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检索

工具 ▾ 检索和跟踪 ▾ 检索历史 标记结果列表

检索结果: 1,183

(来自Web of Science 核心合集)

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精炼检索结果

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☐ 领域中的高被引论文 (9)☐ 开放获取 (655)

精炼

出版年

☐ 2020 (513)☐ 2019 (670)

更多选项/分类...

精炼

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◀ 1 / 119 ▶

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添加到标记结果列表

分析检索结果

创建引文报告

- ☐ 1. **Artemisia annua** and **Artemisia afra** extracts exhibit strong bactericidal activity against *Mycobacterium tuberculosis*

作者: Martini, Maria Carla; Zhang, Tianbi; Williams, John T.; 等.

JOURNAL OF ETHNOPHARMACOLOGY 卷: 262 文献号: 113191 出版年: NOV 15 2020



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被引频次: 1
(来自Web of Science 的核心合集)

使用次数 ▾

- ☐ 2. **Artemisinin** inhibits glycosaminoglycan chain synthesizing gene expression but not proliferation of human vascular smooth muscle cells

作者: Zhou, Ying; Kumarapperuma, Hirushi; Sichone, Salifya; 等.

BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 卷: 532 期: 2 页: 239-243 出版年: NOV 5 2020



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使用次数 ▾

- ☐ 3. Evaluation of the Combination of Azithromycin and Naphthoquine in Animal Malaria Models

作者: Bei, Zhu-Chun; Li, Guo-Fu; Zhao, Jing-Hua; 等.

ANTIMICROBIAL AGENTS AND CHEMOTHERAPY 卷: 64 期: 11 文献号: e02307-19 出版年: NOV 2020



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记录数



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☐ MEETING ABSTRACT (36)

☐ LETTER (11)

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☐ REVIEW (164)

☐ EDITORIAL MATERIAL (20)

☐ CORRECTION (9)

☐ DATA PAPER (1)

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☒ PROCEEDINGS PAPER (12)

Web of Science 类别

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☐ INFECTIOUS DISEASES (192)

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☐ MAHIDOL UNIVERSITY (57)

☐ UNIVERSITY OF LONDON (56)

☐ UNIVERSITY OF OXFORD (55)

☐ LONDON SCHOOL OF HYGIENE
TROPICAL MEDICINE (52)

Review 了解领域

Meeting和Proceedings papers 了解最新进展

☐ 5. [Uncoordinated cellular resilience mechanisms against copper toxicity and glandular trichomes protection for augmented artemisinin biosynthesis in Artemisia annua](#)

作者: Zohra Andleeb; Choudhary Sadaf; Wani Kaiser; Ishaq 等

被引频次: 0
(来自 Web of Science 的核心合集)

使用次数

☐ 6. [CRISPR-based metabolic editing: Next-generation metabolic engineering in plants](#)

作者: Sabzehzari, Mohammad; Zeinali, Masoumeh; Naghavi, Mohammad Reza

GENE 卷: 759 文献号: 144993 出版年: OCT 30 2020

被引频次: 0
(来自 Web of Science 的核心合集)

使用次数



出版商处的全文 查看摘要

☐ 7. [Plasmodium falciparum replication factor C subunit 1 is involved in genotoxic stress response](#)

作者: Sheriff, Omar; Yaw, Aniweh; Lai, Soak Kuan; 等

CELLULAR MICROBIOLOGY 文献号: e13277

被引频次: 0
(来自 Web of Science 的核心合集)

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出版年

Web of Science 类别

文献类型

机构扩展

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☐ CHEMISTRY MULTIDISCIPLINARY (115)

☐ BIOCHEMISTRY MOLECULAR BIOLOGY (112)

☐ CHEMISTRY MEDICINAL (110)

☐ MICROBIOLOGY (85)

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☐ IMMUNOLOGY (40)

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☐ CHEMISTRY PHYSICAL

☐ GENETICS HEREDITY (14)

☐ AGRONOMY (13)

☐ ENGINEERING CHEMICAL (13)

☐ BIOCHEMICAL RESEARCH METHODS (12)

☐ CHEMISTRY APPLIED (12)

☐ VIROLOGY (12)

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☐ ENVIRONMENTAL SCIENCES (10)

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☐ NEUROSCIENCES (8)

☐ POLYMER SCIENCE (7)

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☐ PATHOLOGY (6)

☐ PHYSIOLOGY (6)

☐ PHYSICS ATOMIC MOLECULAR CHEMICAL (5)

☐ AGRICULTURE MULTIDISCIPLINARY (4)

☐ COMPUTER SCIENCE INTERDISCIPLINARY APPLICATIONS (4)

☐ DERMATOLOGY (4)

☐ ENGINEERING MULTIDISCIPLINARY (4)

☐ GREEN SUSTAINABLE SCIENCE TECHNOLOGY (4)

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☐ PEDIATRICS (4)

☐ THERMODYNAMICS (4)

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☐ CARDIAC CARDIOVASCULAR SYSTEMS (2)

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☐ FORESTRY (2)

☐ HEMATOLOGY (2)

☐ INSTRUMENTS INSTRUMENTATION (2)

☐ MEDICAL LABORATORY TECHNOLOGY (2)

☐ RESPIRATORY SYSTEM (2)

☐ ZOOLOGY (2)

☐ COMPUTER SCIENCE INFORMATION SYSTEMS (1)

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☐ MARINE FRESHWATER BIOLOGY (1)

☐ MATERIALS SCIENCE COMPOSITES (1)

☐ MATERIALS SCIENCE PAPER WOOD (1)

☐ MATERIALS SCIENCE TEXTILES (1)

☐ MEDICAL ETHICS (1)

☐ MEDICINE LEGAL (1)

☐ MICROSCOPY (1)

☐ MYCOLOGY (1)

☐ NUTRITION DIETETICS (1)

☐ OPHTHALMOLOGY (1)

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☐ PUBLIC ENVIRONMENTAL OCCUPATIONAL HEALTH (72)

☐ SCIENCE TECHNOLOGY OTHER TOPICS (68)

☐ CELL BIOLOGY (49)

☐ RESEARCH EXPERIMENTAL MEDICINE (41)

☐ IMMUNOLOGY (40)

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☐ ONCOLOGY (29)

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☐ TOXICOLOGY (22)

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☐ VIROLOGY (12)

☐ NEUROSCIENCES NEUROLOGY (10)

☐ VETERINARY SCIENCES (10)

☐ FOOD SCIENCE TECHNOLOGY (9)

☐ SPECTROSCOPY (9)

☐ PHYSICS (8)

☐ POLYMER SCIENCE (7)

☐ MATHEMATICAL COMPUTATIONAL BIOLOGY (6)

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☐ PHYSIOLOGY (6)

☐ COMPUTER SCIENCE (4)

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每页显示数据 10 条

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分子遗传学

批准号: 30688001 项目类别: 国家杰出青年科学基金
依托单位: 清华大学 项目负责人: 周兵 资助经费: 200 (万元)
批准年度: 2006年 关键词: 青蒿素;酵母;线粒体;
结题项目: 分子遗传学



基于生物发酵技术获得的新型青蒿素母核进行衍生物设计、合成和抗疟活性研究

批准号: 81202398 项目类别: 青年科学基金项目
依托单位: 广州中医药大学 项目负责人: 刘博 资助经费: 23 (万元)
批准年度: 2012年 关键词: 青蒿素;抗疟活性;生物发酵;青蒿素耐药
结题项目: 基于生物发酵技术获得的新型青蒿素母核进行衍生物设计、合成和



青蒿FPS基因的克隆、功能和遗传转化研究

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
资助经费: 17 (万元) 批准年度: 2001年
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

全局数据统计

结题项目:	
▶ 结题项目	[239365]
成果类型:	
▶ 期刊论文	[2792413]
▶ 会议论文	[612106]
▶ 著作	[46616]
▶ 奖励	[69471]
▶ 专利	[56114]
结题时间:	
▶ 2008	[8450]
▶ 2009	[10471]
▶ 2010	[11802]
▶ 2011	[15600]

2.精调研——了解研究历史、现状及未来趋势

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化学结构检索

artemisinin

主题

检索

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所有年份 (1980 - 2020)

不再限定年份

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- ☒ Science Citation Index Expanded (SCI-EXPANDED) --1980年至今
- ☒ Social Sciences Citation Index (SSCI) --1980年至今
- ☒ Conference Proceedings Citation Index- Science (CPCI-S) --1996年至今
- ☒ Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH) --2007年至今

Web of Science 核心合集: 化学索引

- ☒ Current Chemical Reactions (CCR-EXPANDED) --1985年至今
(包括Institut National de la Propriete Industrielle 化学结构数据, 可回溯至1840 年)
- ☒ Index Chemicus (IC) --1993年至今

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出版年

- ☐ 2020 (513)
- ☐ 2019 (670)
- ☐ 2018 (644)
- ☐ 2017 (724)
- ☐ 2016 (670)

排序方式: 日期 被引频次 使用次数 相关性 更多 ▾

◀ 1 / 924 ▶

☐ 选择页面

导出...

添加到标记结果列表

- ☐ 1. **Artemisinin** Resistance in *Plasmodium falciparum* Malaria.
作者: Dondorp, Arjen M.; Nosten, Francois; Yi, Poravuth; 等.
NEW ENGLAND JOURNAL OF MEDICINE 卷: 361 期: 5 页: 455-467 出版年: JUL 30 2009



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- ☐ 2. QINGHAOSU (**ARTEMISININ**) - AN ANTIMALARIAL DRUG FROM CHINA
作者: KLAYMAN, DL
SCIENCE 卷: 228 期: 4703 页: 1049-1055 出版年: 1985



出版商处的全文

- ☐ 3. Production of the antimalarial drug precursor artemisinic acid in engineered yeast
作者: Ro, DK; Paradise, EM; Ouellet, M; 等.
NATURE 卷: 440 期: 7086 页: 940-943 出版年: APR 13 2006



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被引频次: 1,596

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- ☐ 开放获取 (4,310)

出版年

- ☐ 2020 (513)
- ☐ 2019 (670)
- ☐ 2018 (644)
- ☐ 2017 (724)

精炼

研究方向

精炼

排除

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排序方式: 记录数 ▾

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精炼

出版年

Web of Science 类别

文献类型

☐ ARTICLE (1,880)

☒ REVIEW (332)

☐ MEETING ABSTRACT (77)

☐ LETTER (25)

☐ PROCEEDINGS PAPER (20)

更多选项/分类...

排序方式: 日期 被引频次 使用次数 相关性 更多

1 / 237

2.找热门文章——被引频次排序
重要或经典文献

NATURAL PRODUCT REPORTS 卷:17 期:3 页:215-234 出版年: 2000



出版商处的全文

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

3.找重点文章——高被引、热点

6 出版年: MAY 2004



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3. A medicinal chemistry perspective on artemisinin and related endoperoxides

作者: O'Neill, PM; Posner, GH

JOURNAL OF MEDICINAL CHEMISTRY 卷:47 期:12 页:2945-2964 出版年: JUN 3 2004



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ch cancer clinical trials?

la; Vuorela, Heikki; 等.

-16 页:668-678 出版年: AUG 2010



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(来自Web of Science 的核心合集)

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研究趋势及现状

引文报告 **2,365** 检索结果 来自 Web of Science 核心合集 在文本之间

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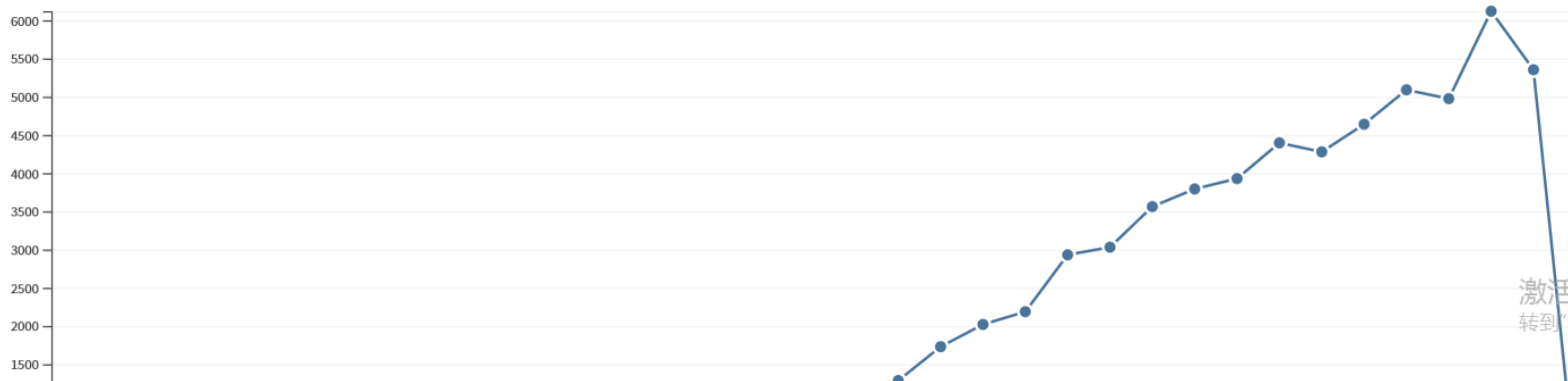
29,287

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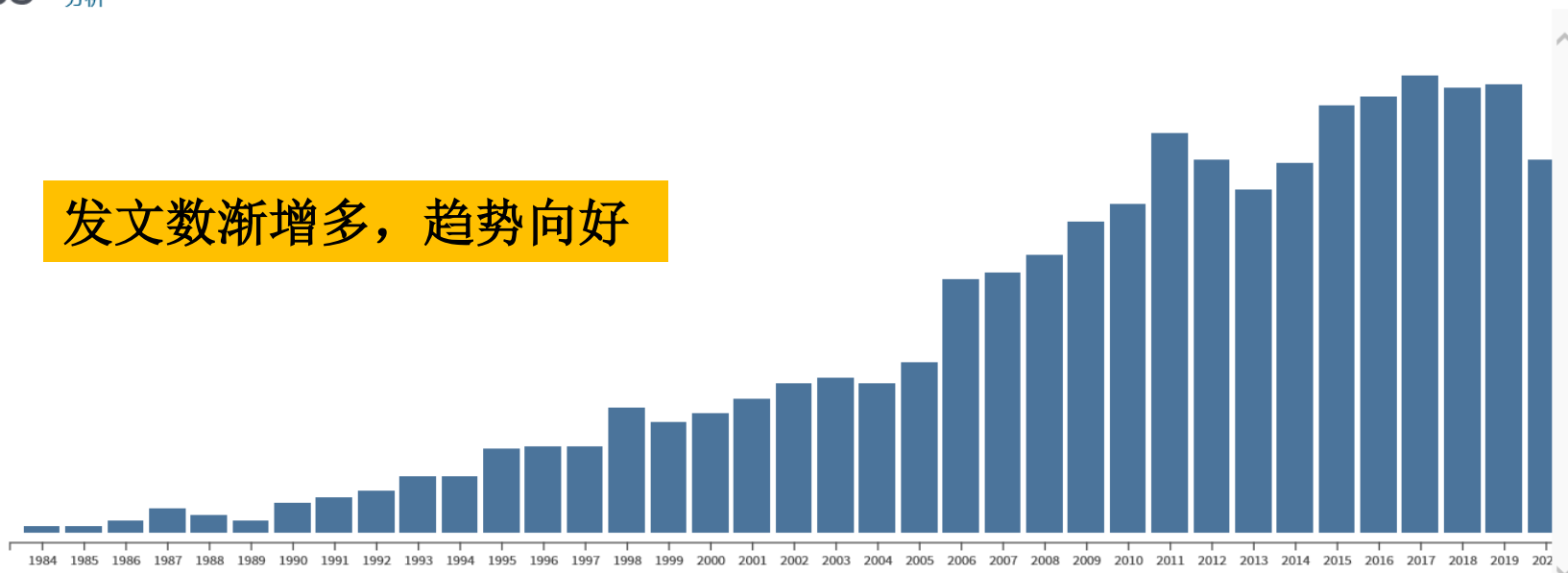
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2,365 分析

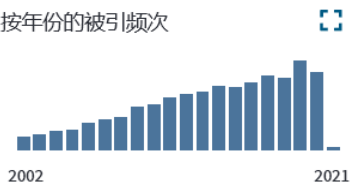
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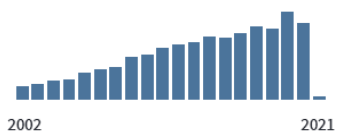
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按被引用次数排序的重要论文

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或者限定在以下时间范围内出版的记录, 从 1980 ▼ 至 2021 ▼ 转至

- ☐ 1. **The influence of natural products upon drug discovery**
作者: Newman, DJ; Cragg, GM; Snader, KM
NATURAL PRODUCT REPORTS 卷: 17 期: 3 页: 215-234 出版年: 2000
- ☐ 2. **Simple and inexpensive fluorescence-based technique for high-throughput antimalarial drug screening**
作者: Smilkstein, M; Sriwilaijaroen, N; Kelly, JX; 等.
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY 卷: 48 期: 5 页: 1803-1806 出版年: MAY 2004
- ☐ 3. **A medicinal chemistry perspective on artemisinin and related endoperoxides**
作者: O'Neill, PM; Posner, GH

2017	2018	2019	2020	2021	合计	平均引用次数/年
5090	4974	6118	5353	10	66031	1834.19
44	51	36	34	0	779	37.10
66	61	57	46	0	637	37.47
13	13	18	10	0	428	25.18

Epidemiology of drug-resistant

作者: Wongsrichanalai, C (Wongsrichanalai, C); Pi

LANCET INFECTIOUS DISEASES

卷: 2 期: 4 页: 209-218

DOI: 10.1016/S1473-3099(02)00239-6

出版年: APR 2002

[查看期刊信息](#)

摘要

Since the first reports of chloroquine-resistant malaria, the problem has posed a major problem in malaria control. By

Cambodian and Thai-Myanmar (Thai-Burmese) borders, rendering them established multidrug-resistant (MDR) areas. Chloroquine resistance spread across Africa during the 1980s, and severe resistance is especially found in east Africa. As a result, more than ten African countries have switched their first-line drug to sulfadoxine-pyrimethamine. Of great concern is the fact that the efficacy of this drug in Africa is progressively deteriorating, especially in foci in east Africa, which are classified as emerging MDR areas. Urgent efforts are needed to lengthen the lifespan of sulfadoxine-pyrimethamine and to identify effective, affordable, alternative antimalarial regimens. Molecular markers for antimalarial resistance have been identified, including pfcr1 polymorphisms associated with chloroquine resistance and dhfr and dhps polymorphisms associated with sulfadoxine-pyrimethamine resistance. Polymorphisms in pfmdr1 may also be associated with resistance to chloroquine, mefloquine, quinine, and **artemisinin**. Use of such genetic information for the early detection of resistance foci and future monitoring of drug-resistant malaria is a potentially useful epidemiological tool, in conjunction with the conventional in-vivo and in-vitro drug-sensitivity assessments. This review describes the various features of drug resistance in Plasmodium falciparum, including its determinants, current status in diverse geographical areas, molecular markers, and their implications.

关键词

KeyWords Plus: PLASMODIUM-FALCIPARUM MALARIA; IN-VITRO SUSCEPTIBILITY; PYRIMETHAMINE-SULFADOXINE RESISTANCE; CHLOROQUINE-RESISTANCE; DIHYDROPTEROATE SYNTHASE; DIHYDROFOLATE-REDUCTASE; AMAZON REGION; ANTIMALARIAL-DRUGS; PFMDR1 GENE; MEFLOROQUINE RESISTANCE

作者信息

通讯作者地址: Wongsrichanalai, C (通讯作者)

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

作者引用的参考文献，可追溯研究的历史

链接到与这篇文章引用了相同参考文献的文章列表。它们通过同被引文献而相关，可了解研究扩展到哪些领域

引文网络

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74 引用的参考文献

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最近 180 天: 11

2013 年至今: 79

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最近的引文

Li, Jian. Limited artemisinin resistance-

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☐

1. The influence of natural products upon drug discovery

作者: Newman, DJ; Cragg, GM; Snader, KM

NATURAL PRODUCT REPORTS 卷: 17 期: 3 页: 215-234 出版年: 2000



出版商处的全文

被引频次: 779

(来自 Web of Science 的核心合集)

使用次数 ▾

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

作者: Smilkstein, M; Sriwilaijaroen, N; Kelly, JX; 等.

ANTIMICROBIAL AGENTS AND CHEMOTHERAPY 卷: 48 期: 5 页: 1803-1806 出版年: MAY 2004



出版商处的免费全文 查看摘要 ▾

被引频次: 637

(来自 Web of Science 的核心合集)

使用次数 ▾

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3. A medicinal chemistry perspective on artemisinin and related endoperoxides

作者: O'Neill, PM; Posner, GH

JOURNAL OF MEDICINAL CHEMISTRY 卷: 47 期: 12 页: 2945-2964 出版年: JUN 3 2004



出版商处的全文

被引频次: 428

(来自 Web of Science 的核心合集)

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14个字段的深入分析

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结果分析

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Web of Science 类别

出版年

文献类型

机构扩展

基金资助机构

作者

来源出版物

丛书名称

会议名称

国家/地区

编者

团体作者

语种

显示 2,365 记录 主题: (artemisinin)

[...更多](#)

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排序方式 记录数

显示 25

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选择	字段: 国家/地区	记录数	%/2,365	柱状图
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☐	AUSTRALIA	156	6.596 %	
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☐	SOUTH AFRICA	87	3.679 %	

国家分析

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检索

工具 ▾ 检索和跟踪 ▾ 检索历史 标记结果列表

检索结果: 418

(来自 Web of Science 核心合集)

您的检索: 主题: (artemisinin) ...
更多内容

创建跟踪

精炼检索结果

在如下结果集内检索...



过滤结果依据:

- ☐ 领域中的高被引论文 (2)
- ☐ 开放获取 (104)

精炼

出版年

- ☐ 2020 (50)
- ☐ 2019 (50)
- ☐ 2018 (32)
- ☐ 2017 (40)

排序方式: 日期 被引频次 使用次数 相关性 更多 ▾

◀ 1 / 42 ▶

查看国内对此研究方向的研究现状

☐ 选择页面

导出...

添加到标记结果列表

- ☐ 1. THE CHEMISTRY, PHARMACOLOGY, AND CLINICAL-APPLICATIONS OF QINGHAOSU (ARTEMISININ) AND ITS DERIVATIVES

作者: LUO, XD; SHEN, CC

MEDICINAL RESEARCH REVIEWS 卷: 7 期: 1 页: 29-52 出版年: JAN-MAR 1987



出版商处的全文

- ☐ 2. Anti-cancer natural products isolated from chinese medicinal herbs

作者: Tan, Wen; Lu, Jinjian; Huang, Mingqing; 等.

CHINESE MEDICINE 卷: 6 文献号: 27 出版年: 2011



出版商处的免费全文 查看摘要 ▾

- ☐ 3. Artemisinins for schistosomiasis and beyond

作者: Utzinger, Juerg; Xiao, Shu-Hua; Tanner, Marcel; 等.

CURRENT OPINION IN INVESTIGATIONAL DRUGS 卷: 8 期: 2 页: 105-116 出版年: FEB 2007



查看摘要 ▾

分析检索结果

创建引文报告

被引频次: 344

(来自 Web of Science 的核心合集)

使用次数 ▾

被引频次: 216

(来自 Web of Science 的核心合集)

高被引论文

使用次数 ▾

被引频次: 174

(来自 Web of Science 的核心合集)

使用次数 ▾

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字段: 作者	记录数	占 958 的 %
WHITE NJ	56	5.846 %
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D'ALESSANDRO U	25	2.610 %
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作者分析：跟踪领域内重要科研人员的研究进展

机构分析：跟踪领域内重要科研机构的研究进展

字段: 机构扩展	记录数	占 958 的 %	柱状图
UNIVERSITY OF LONDON	131	13.674 %	■
UNIVERSITY OF OXFORD	125	13.048 %	■
LONDON SCHOOL OF HYGIENE TROPICAL MEDICINE	124	12.944 %	■
MAHIDOL UNIVERSITY	115	12.004 %	■
MINIST HLTH	59	6.159 %	■
UNIVERSITY OF CALIFORNIA SYSTEM	57	5.950 %	■
WORLD HEALTH ORGANIZATION	52	5.428 %	■
UNIVERSITY OF CALIFORNIA SAN FRANCISCO	45	4.697 %	■
CENTERS FOR DISEASE CONTROL PREVENTION USA	43	4.489 %	■
LE RESEAU INTERNATIONAL DES INSTITUTS PASTEUR RIIP	41	4.280 %	■

字段: 研究方向	记录数	占 958 的 %	柱状图
INFECTIOUS DISEASES	958	100.000 %	
TROPICAL MEDICINE	653	68.163 %	
PARASITOLOGY	643	67.119 %	
MICROBIOLOGY	144	15.031 %	
IMMUNOLOGY	119	12.422 %	
PHARMACOLOGY PHARMACY	43	4.489 %	
PUBLIC ENVIRONMENTAL OCCUPATIONAL HEALTH	25	2.610 %	
PATHOLOGY	6	0.626 %	
PEDIATRICS	3	0.313 %	
VIROLOGY	2	0.209 %	

研究方向分析：了解该研究主要涉及的研究方向

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 %	
LANCET INFECTIOUS DISEASES	51	5.324 %	
CLINICAL INFECTIOUS DISEASES	36	3.758 %	
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY	24	2.505 %	
CURRENT OPINION IN INFECTIOUS DISEASES	17	1.775 %	
EMERGING INFECTIOUS DISEASES	14	1.461 %	
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS	12	1.253 %	
INFECTION GENETICS AND EVOLUTION	10	1.044 %	
JOURNAL OF VECTOR BORNE DISEASES	10	1.044 %	
SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH	9	0.939 %	
BMC INFECTIOUS DISEASES	8	0.835 %	
INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES	8	0.835 %	
MEDECINE ET MALADIES INFECTIEUSES	6	0.626 %	
PLOS NEGLECTED TROPICAL DISEASES	6	0.626 %	
CLINICAL MICROBIOLOGY AND INFECTION	5	0.522 %	
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES	5	0.522 %	
TRAVEL MEDICINE AND INFECTIOUS DISEASE	5	0.522 %	
ADVANCES IN PARASITOLOGY	4	0.418 %	
BULLETIN DE LA SOCIETE DE PATHOLOGIE EXOTIQUE	4	0.418 %	
INFECTIOUS DISEASES OF POVERTY	4	0.418 %	
ACS INFECTIOUS DISEASES	3	0.313 %	
ADVANCES IN PARASITOLOGY VOL 80 EPIDEMIOLOGY OF PLASMODIUM VIVAX HISTORY HIATUS AND HUBRIS PT A	3	0.313 %	
JAPANESE JOURNAL OF INFECTIOUS DISEASES	3	0.313 %	
MICROBES AND INFECTION	3	0.313 %	

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Engineering Village

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Suggested terms: ?

Diseases

Biochemistry

Drug Products

Plants (Botany)

Biosynthesis

Turn off AutoSuggest | + Add search field | Reset form

Databases ^

Date v

Language v

Document type v

Sort by v

Browse indexes v

Autostemming v

Discipline v

Treatment v

621 records found in Compendex for 1884-2019: ((Artemisinin*) WN KY)

Create alert

Save search

RSS feed

Sort by: Rel

Refine



Display: 25

Numeric filter ?



1. ☐

Artemisia annua organic solvent extract, processed by supercritical

Feedback

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Controlled vocabulary

- ☐ Diseases (109)
- ☐ Biochemistry (71)
- ☐ Drug Products (71)

Author affiliation

- ☐ The Johns Hopkins University (21)
- ☐ Department Of Bioengineering, University Of California (8)
- ☐ Department Of Chemistry, University (5)

Document type

- ☐ Journal article (529)
- ☐ Dissertation (42)
- ☐ Conference article (31)

- ☐ Book chapter (11)
- ☐ Erratum (4)
- ☐ Conference proceeding (2)

- ☐ Article in Press (2)

- ☐ Medicine and Pharmacology (115)
- ☐ Biology (112)
- ☐ Chemical Products Generally (111)

4.精调研——利用Scifinder



文献、物质、合成、反应、专利等.....

Research Topic "artemisinin" with limiters

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

artemisinin

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

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

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

剑桥结构数据库CSD (Cambridge Structural Database)

Springer Materials内容多达250,000种材料和化学体系的3000余种性质，包含完整Landolt-Bornstein New Series内容，并可完整获取有关无机固相、吸附等温线、高分子热力学等数据。

SpringerProtocols实验室指南数据库主要面向生物化学、分子生物学、以及生物医学等学科，提供详细、精确的实验操作记录。该库提供一种标准化的，并可在实验室再现的“配方”或“方法”，包括按部就班的操作步骤、实验必需的原材料清单（原材料包括化学成分、硬体、软体等等），以及注释和提醒，提醒实验员在实验过程中需要注意的事项，以及如何解决问题

用Endnote收集文献，写文章，投稿



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）

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Windows操作系统

Office套件

EndNote

MATLAB

福昕PDF编辑器

EndNote 21

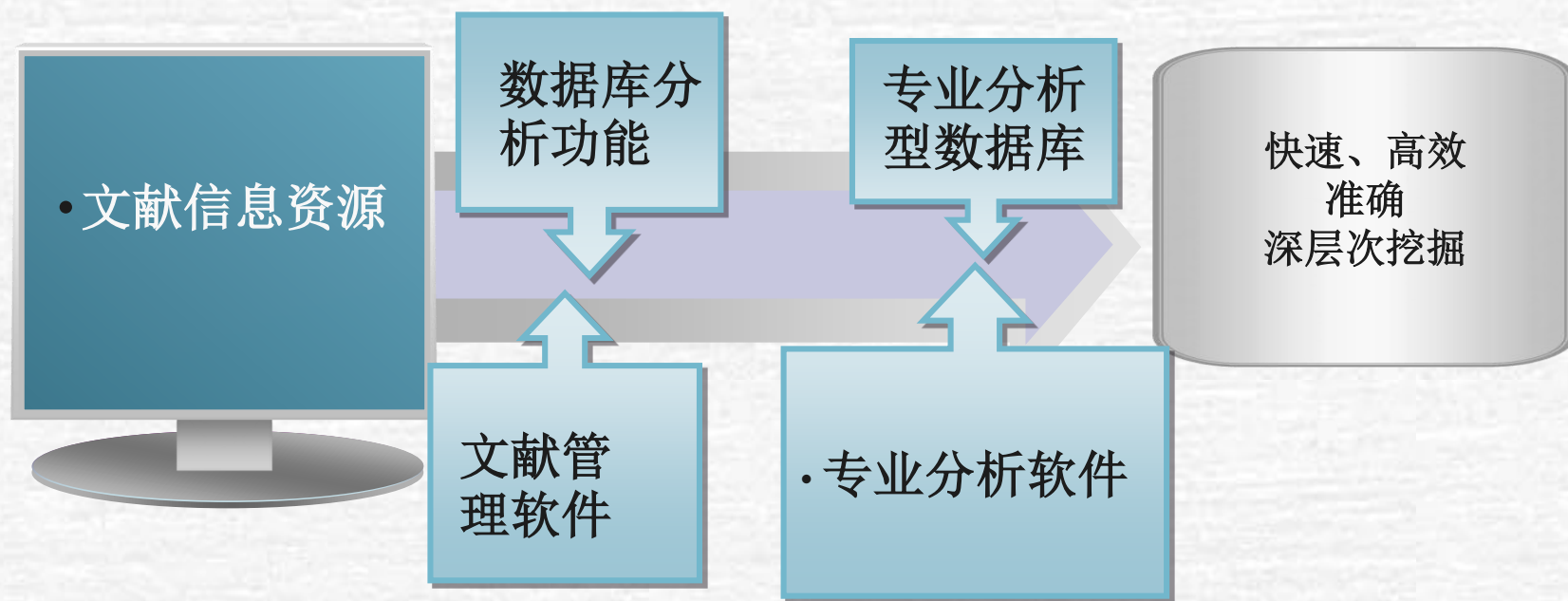
EndNote文献管理软件是科睿唯安公司开发的旗舰型文献管理系统，至今已有二十余年历史，最新版本为21。遍布世界各地的研究人员、学生以及图书馆馆员都在利用Web of Science检索和分析研究文献，并且使用文献信息管理工具EndNote来查找、组织和格式化他们的参考数据，是数据库使用过程中的重要助手。通过EndNote，研究人员能够：激活 Windows 转到“设置”以激活

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。

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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