

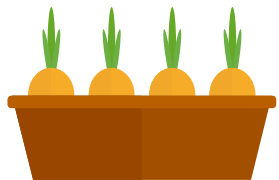
如何快速阅读 大量的文献

罗昭锋

中国科学技术大学



两菜一汤



1.如何在一天内阅读1000篇文献

2.筛选文献的几种方法

3.为什么要阅读大量的文献

1、为什么要去阅读大量的文献

我们的想法到底来自哪里

我们的想法到底来自哪里？



文献阅读

通过阅读获取的各种信息，会给我们带来启发



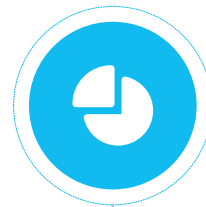
与人交流

和别人交流过程中，由于不同思想的碰撞获得新的想法



实际需求

每个人都有自己的工作和学习经验，可能会碰到问题



独自思考

一个人冥想也会产生一些新的想法

想法（idea）对科研工作者来说是最重要的

好的想法，会带来重要的科研创新，做出有价值的成果。而平庸的想法，只会浪费时间和资源。

优质
信息
输入



优质
信息
输出

garbage in garbage out

少谈创新 多去借鉴

我们碰到的问题，95%都有人知道解决方法。

自己去“创新”是投入产出比非常低的策略



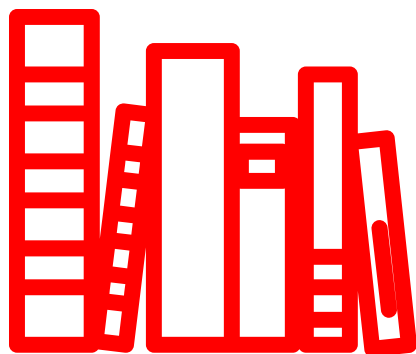
我们看到什么就会想什么

改变信息输入会改变思想

2、筛选文献的几种方法

如何快速准确找到想要的文献，目的不同，策略不同

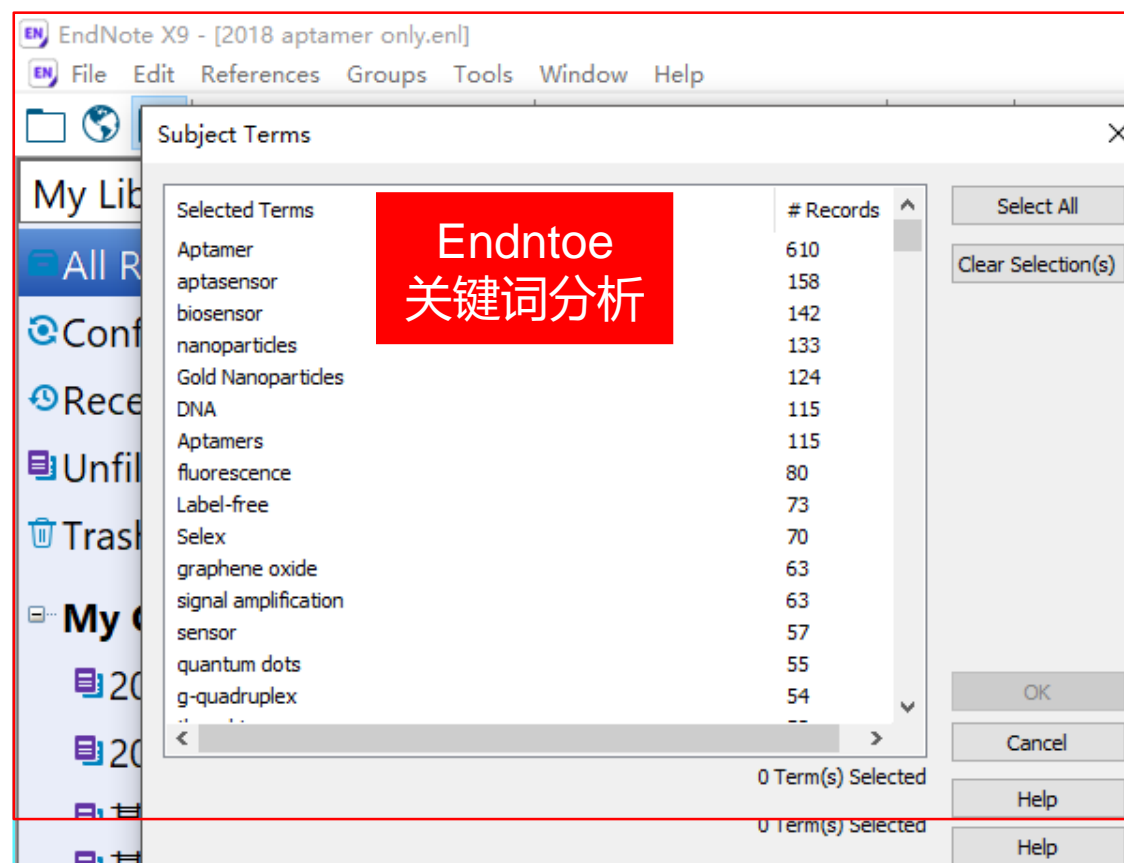
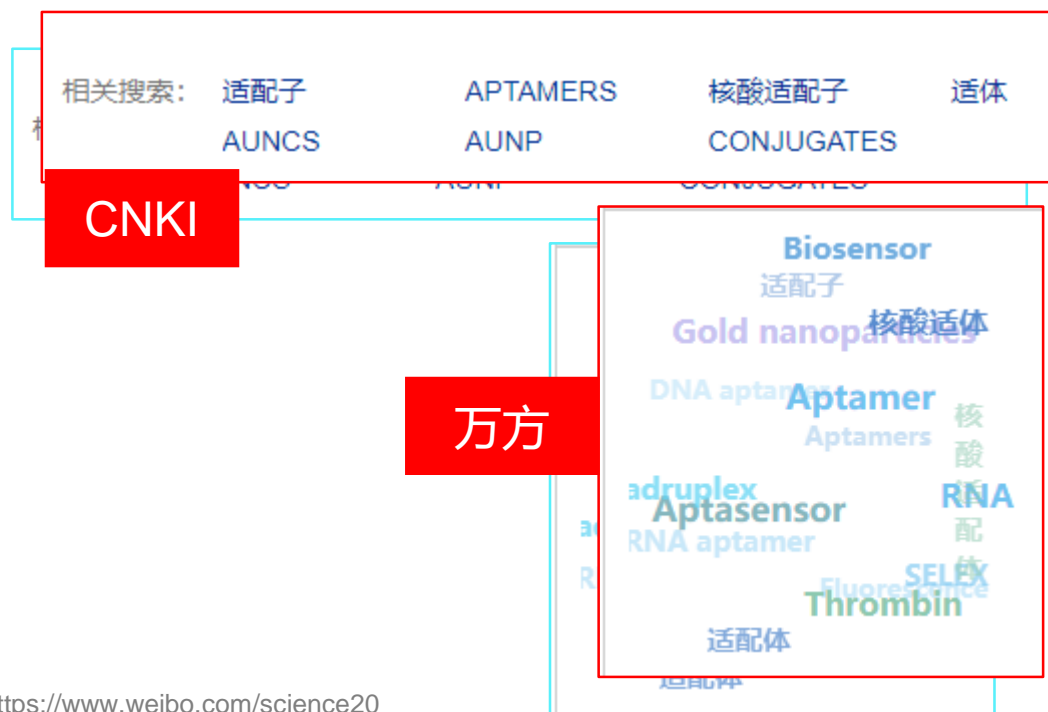
几种筛选文献方法的简单比较



- 1、关键词检索与限定
- 2、数据库的分析功能来筛选文献
- 3、利用histcite软件来筛选文献
- 4、人工浏览来筛选文献

1、关键词选取不准确怎么破？

- 1、搜索引擎，查看相关关键词；（ baidu、 google、 bing ）
- 2、数据库热词推荐：CNKI、万方
- 3、Endnote做关键词分析



2、利用数据库的分析功能来筛选文献

Web of Science InCites Journal Citation Reports Essential Science Indicators EndNote Publons Kopernio 登录 帮助 简体中文

Web of Science

Clarivate Analytics

检索 工具 检索和跟踪 检索历史 标记结果列表

检索结果: 12,330
(来自 Web of Science 核心合集)

您的检索: 主题: (aptamer) ...[更多内容](#)

创建跟踪服务

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 (171)
- ☐ 领域中的热点论文 (10)
- ☐ 开放获取 (3,167)

[精炼](#)

出版年

排序方式: [日期](#) [被引频次](#) [使用次数](#) [相关性](#) [More](#)

1 / 1,233

☐ 选择页面 5K [保存至 EndNote online](#) [添加到标记结果列表](#)

☐ 1. **Aptamer** Conjugated Quantum Dots for Imaging Cellular Uptake in Cancer Cells
作者: Kaur, Harleen
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 卷: 19 期: 7 页: 3798-3803 出版年: JUL 2019
[出版商处的全文](#) [查看摘要](#)

☐ 2. Enzyme-free amplified and ultrafast detection of aflatoxin B-1 using dual-terminal proximity **aptamer** probes
作者: Xia, Xuhan; Wang, Yuxi; Yang, Hao; 等.
FOOD CHEMISTRY 卷: 283 页: 32-38 出版年: JUN 15 2019
[Full Text](#) [出版商处的全文](#) [查看摘要](#)

☐ 3. A simple and sensitive electrochemiluminescence aptasensor for determination of ochratoxin A based on a nicking endonuclease-powered DNA walking machine
作者: Wei, Min; Wang, Chunlei; Xu, Ensheng; 等.
FOOD CHEMISTRY 卷: 282 页: 141-146 出版年: JUN 2019
[Full Text](#) [出版商处的全文](#) [查看摘要](#)

☐ 4. **Aptamer** surface functionalization of microfluidic devices using dendrimers as multi-handled templates

分析检索结果
引文报告功能不可用。 [?]

被引频次: 0
(来自 Web of Science 的核心合集)

使用次数

被引频次: 0
(来自 Web of Science 的核心合集)

使用次数

被引频次: 0
(来自 Web of Science 的核心合集)

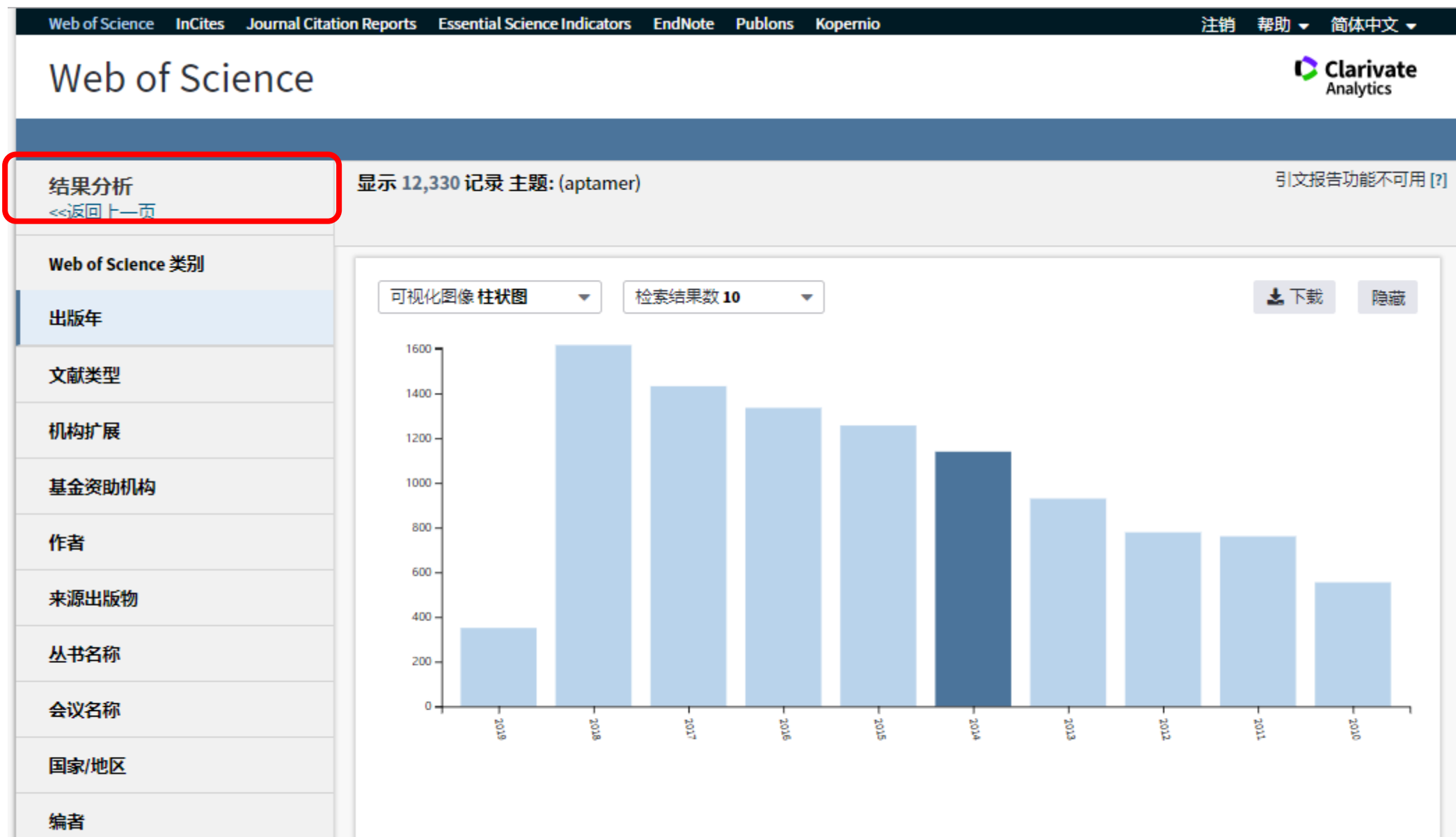
使用次数

被引频次: 0

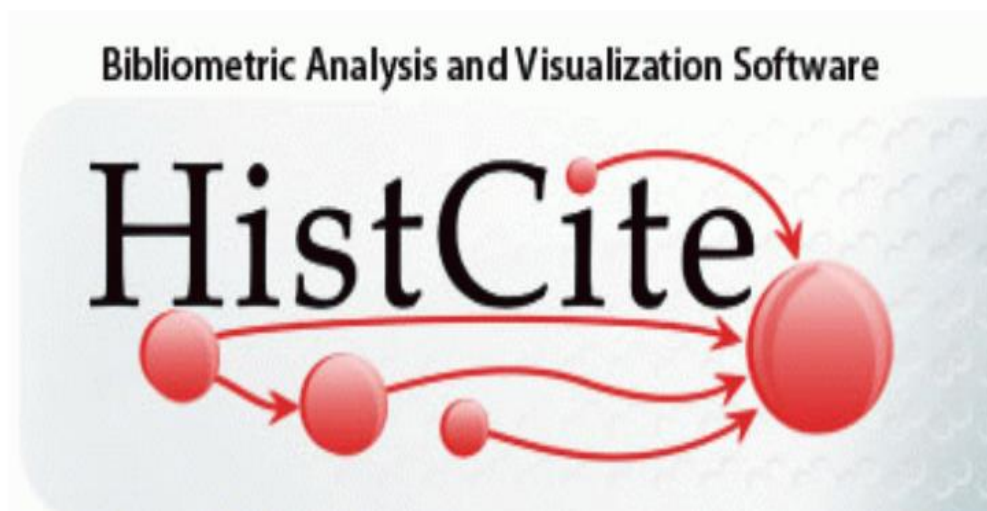
2、利用数据库的分析功能来筛选文献

Web of Science 类别		and its application in sensitive detections of foodborne pathogenic bacteria	(来自 Web of Science 的核心合集)
文献类型		作者: Hao, Xingkai; Yeh, Poying; Qin, Yubo; 等. ANALYTICA CHIMICA ACTA 卷: 1056 页: 96-107 出版年: MAY 16 2019	使用次数
机构扩展		Full Text 出版商处的全文 查看摘要	
基金资助机构	<input type="checkbox"/> 5.	Image-guided cancer therapy using aptamer-functionalized cross-linked magnetic-responsive Fe3O4@carbon nanoparticles	被引频次: 0 (来自 Web of Science 的核心合集)
作者		作者: Zhao, Changhong; Song, Xuebin; Jin, Weiguang; 等. ANALYTICA CHIMICA ACTA 卷: 1056 页: 108-116 出版年: MAY 16 2019	使用次数
来源出版物名称		Full Text 出版商处的全文 查看摘要	
开放获取	<input type="checkbox"/> 6.	An efficient fluorescence resonance energy transfer system from quantum dots to graphene oxide nano sheets: Application in a photoluminescence aptasensing probe for the sensitive detection of diazinon	被引频次: 0 (来自 Web of Science 的核心合集)
丛书名称		作者: Arvand, Majid; Mirroshandel, Aazam A. FOOD CHEMISTRY 卷: 280 页: 115-122 出版年: MAY 15 2019	使用次数
会议名称		Full Text 出版商处的全文 查看摘要	
国家/地区	<input type="checkbox"/> 7.	A dual-targeted nucleic acid moiety decorated SPION nanoparticles for chemo-photodynamic synergistic therapy	被引频次: 0 (来自 Web of Science 的核心合集)
编者		作者: Sun, Xiang-Yu; Liu, Min-Chao; Chen, Xian-Li; 等. JOURNAL OF LUMINESCENCE 卷: 209 页: 387-397 出版年: MAY 2019	使用次数
团体作者		Full Text 出版商处的全文 查看摘要	
语种	<input type="checkbox"/> 8.	Mitochondrial G-quadruplex targeting probe with near-infrared fluorescence emission	被引频次: 0 (来自 Web of Science 的核心合集)
研究方向		作者: Li, Ling-Ling; Xu, Hao-Ran; Li, Kun; 等. SENSORS AND ACTUATORS B-CHEMICAL 卷: 286 页: 575-582 出版年: MAY 1 2019	使用次数
		Full Text 出版商处的全文 查看摘要	
	<input type="checkbox"/> 9.	A review of innovative techniques for rapid detection and enrichment of Alicyclobacillus during	被引频次: 0

2、利用数据库的分析功能来筛选文献



3、利用HistCite软件来筛选文献：小同行推荐



- 快速绘出一个领域的发展脉络
- 快速锁定某个领域的重要文献
- 快速锁定某领域的重要科学家和机构
- 洞察某个领域的最新进展
- 找出无指定关键词的重要文献

HistCite使用步骤1、2、3

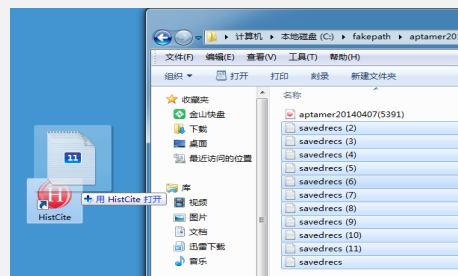
01

数据下载



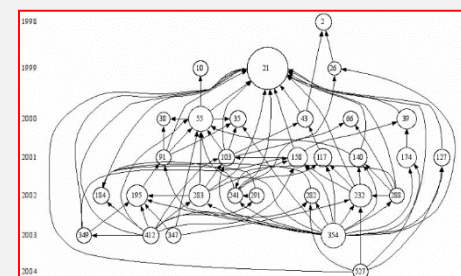
02

导入数据



03

作图分析



Web of Science



默认是WOS全库

Web of Science 将于格林威治标准时间

在系

or Science 可能无法正常使用。由此给您带来的不便我们深表歉意。

11月19日 19:00 至 2018年11月20日 07:00)。

选择数据库

所有数据库

所有数据库

Web of Science 核心合集

Derwent Innovations Index

Inspec®

KCI-Korean Journal Database

MEDLINE®

Russian Science Citation Index

SciELO Citation Index

进一步了解

Web of Science 核心合集 (1900-至今)

检索科学、社会科学、艺术和人文科学领域的世界一流学术性期刊、书籍和会议录，并浏览完整的引文网络。

- 所有出版物的被引参考文献均完全索引且可检索。
- 检索所有作者和作者附属机构。
- 使用引文跟踪对引用活动进行跟踪。
- 借助引文报告功能以图形方式了解引用活动和趋势。
- 使用分析检索结果确定研究趋向和出版物模式。

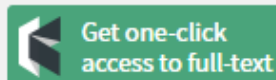
基本检索

示例: oil sp

时间跨度

所有年份 (19

更多设置



索

检索提示

Web of Science



Search

Tools Searches and alerts Search History Marked List

Results: 2,114

(from Web of Science Core Collection)

You searched for: TOPIC: (DNAzyme)

...More

Create Alert

Refine Results

Search within results for...



Filter results by:

- ☐ Highly Cited in Field (33)
- ☐ Hot Papers in Field (1)
- ☐ Open Access (366)

Refine

Sort by: Date

Times Cited

Usage Count

Relevance

More

1 of 212

Select Page



5K

Save to Other File Formats

Add to Marked List

visual detection of aflatoxin B1 in foodstuffs using aptamer/G-quadruplex DNAzyme probe

By: Chen, Miao; et al.

Conference on Phytochemicals in Medicine and Food (ISPMF) Location: Kunming,

WOS核心合集数据库

By: Huang, Wan; Zhang, Hongyu; Lai, Guosong; et al.

FOOD CHEMISTRY Volume: 270 Pages: 287-292 Published: JAN 1 2019

Full Text

Full Text from Publisher

View Abstract

Analyze Results

Create Citation Report

Times Cited: 1

(from Web of Science Core Collection)

Usage Count

Times Cited: 0

(from Web of Science Core Collection)

Usage Count

Web of Science



检索

工具 检索和跟踪 检索历史 标记结果列表

检索结果: 2,114

(来自 Web of Science 核心合集)

您的检索: 主题: (DNAzyme) ...[更多内容](#)

创建跟踪服务

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 (33)
- ☐ 领域中的热点论文 (1)
- ☐ 开放获取 (366)

排序方式: [日期](#) 被引频次 使用次数 相关性☐ 选择页面

5K

保存为其他文件格式

保存至 EndNote on

保存至 EndNote desktop

保存至 ResearcherID - 我撰写了

保存至 InCites

保存为其他文件格式

- ☐ 1. Rapid and visual detection of DNAzyme activity with low background noise

作者: Wang, Lumin; Zhu, Fei; 等.
会议: 3rd International Symposium on Food Chemistry, CHINA 会议日期: AUG 25-30, 2019
会议赞助商: Phytochem Soc China, Japan; Phytochem Soc Asia
FOOD CHEMISTRY 卷: 271 页: 581-587 出版年: JAN 15 2019

[Full Text](#)[出版商处的全文](#)[查看摘要](#)

- ☐ 2. Sensitive and rapid aptasensing of chloramphenicol by colorimetric signal transduction with a DNAzyme-functionalized gold nanoprobe

作者: Huang, Wan; Zhang, Hongyu; Lai, Guosong; 等.
FOOD CHEMISTRY 卷: 270 页: 287-292 出版年: JAN 1 2019

[Full Text](#)[出版商处的全文](#)[查看摘要](#)

Rapid and visual detection of DNAzyme activity with low background noise

被引频次: 1
(来自 Web of Science 的核心合集)

[使用次数](#)

Food (ISPMF) 会议地点: Kunming, PEOPLES R

被引频次: 0
(来自 Web of Science 的核心合集)

[使用次数](#)

保存为其他文件格式

Web of Science



检索

工具 检索和跟踪 检索历史 标记结果列表

检索结果: 2,114
(来自 Web of Science 核心合集)

您的检索: 主题: (DNAzyme) ...更多内容

创建跟踪服务

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 (33)
- ☐ 领域中的热点论文 (1)
- ☐ 开放获取 (366)

目前每次只能输出500篇

必须全记录参考文献

记录数: ☐ 页面上的 ☐ 记录 1

记录内容:

全记录与引用的参考文献

文件格式

纯文本

发送

取消

保存为纯文本格式文件

2. Sensitive and rapid aptasensing of chloramphenicol by colorimetric signal transduction with a DNAzyme-functionalized gold nanoprobe
- 作者: Huang, Wan; Zhang, Hongyu; Lai, Guosong; 等.
- FOOD CHEMISTRY 卷: 270 页: 287-292 出版年: JAN 1 2019
- [Full Text](#) [出版商处的全文](#) [查看摘要](#)
- 被引频次: 1
(来自 Web of Science 的核心合集)
- 使用次数
- 被引频次: 0
(来自 Web of Science 的核心合集)
- 使用次数

数据整理

- FN Clarivate Analytics Web of Science换成
- FN Thomson Reuters Web of Knowledge ,

FN Clarivate Analytics Web of Science

VR 1.0

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AU Chen, QS

Yang, MX

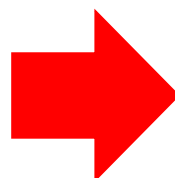
Yang, XJ

Li, HH

Guo, ZM

Rahma, MH

AF Chen, Quansheng



FN Thomson Reuters Web of Knowledge™

VR 1.0

PT J

AU BOCK, LC

GRIFFIN, LC

LATHAM, JA

VERMAAS, EH

TOOLE, JJ

AF BOCK, LC

数据导入方法



HistCite®

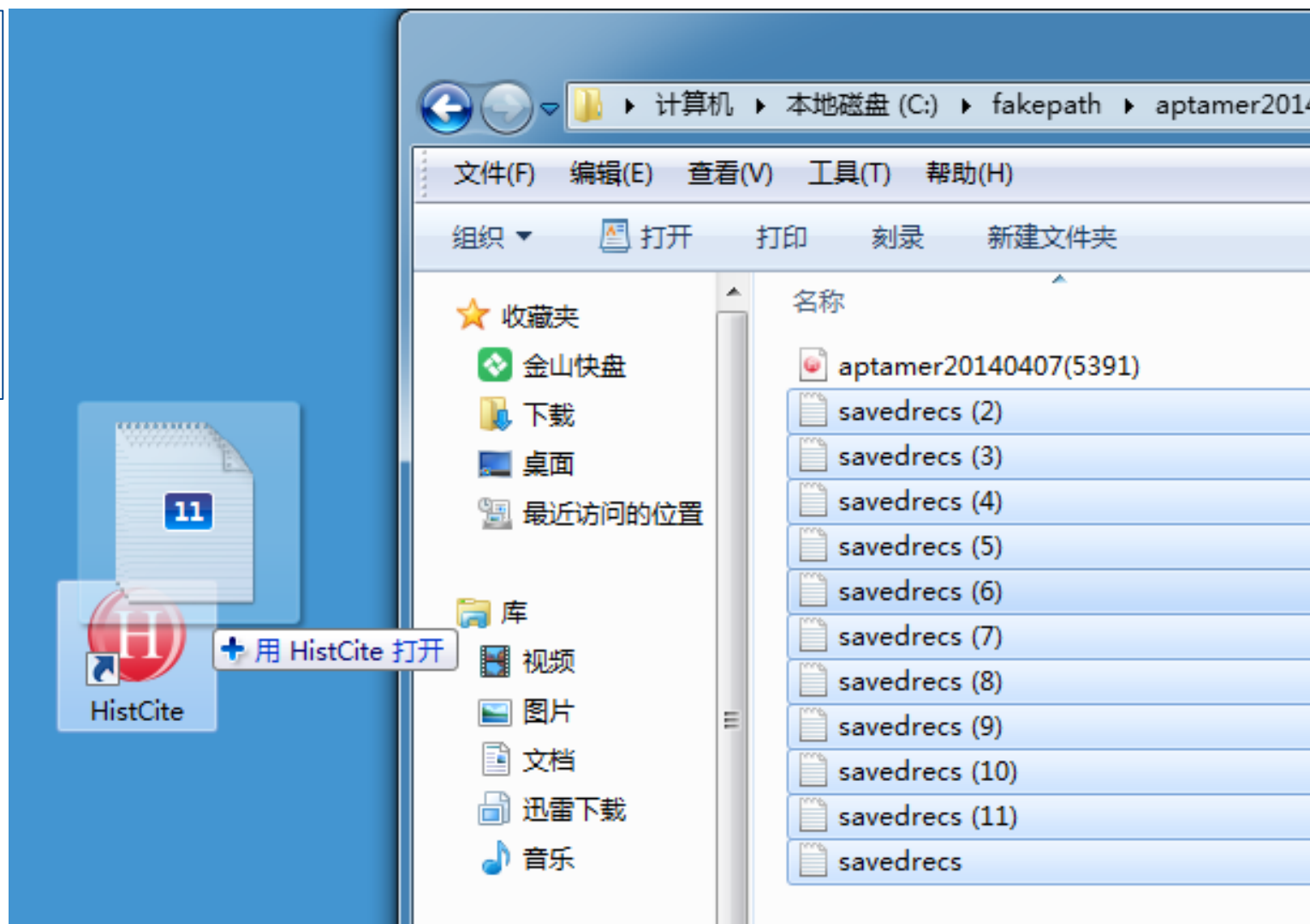
Bibliometric Analysis and Visualization Software



Bibliometric Analysis and Visualization Software

拖拽可以同时添加多个文件

选中多个文件拖拽到
histcite 图标上可以
一次性添加多个文件



作图分析

FileAnalysesViewToolsHelp

Untitled Collection

List of All Records

Records: 4000, Authors: 129134, Cited References: 129134, Words: 6502
Yearly output | Document | Institution | Institution with Subdivision | Country

Marking and Tagging

Set Criteria:
☐ Select all records
☐ Select all marked
☐ Select records with
LCS Range -
☒ Select records checked on this page
Clear checks Invert checks

Graph Maker...
Historiographs
Search
Move to
✓ Mark & Tag Alt+M
Edit
✓ Analyses index
Settings... Alt+S
Log...

Set Scope:
☐ Selected records only
☐ Records citing selected records
☒ Records cited by selected records

< << < > >> >

#	Date / Author / Journal
1	<input type="checkbox"/> 165 FROOT KA, SCHARFSTEIN DS, STEIN JC RISK MANAGEMENT - COORDINATING CORPORATE-INVESTMENT AND FINANCING POLICIES JOURNAL OF FINANCE. 1993 DEC; 48 (5): 1629-1658
2	<input type="checkbox"/> 388 Tufano P Who manages risk? An empirical examination of risk management practices in the gold mining industry JOURNAL OF FINANCE. 1996 SEP; 51 (4): 1097-1137

图成！

2008

2009

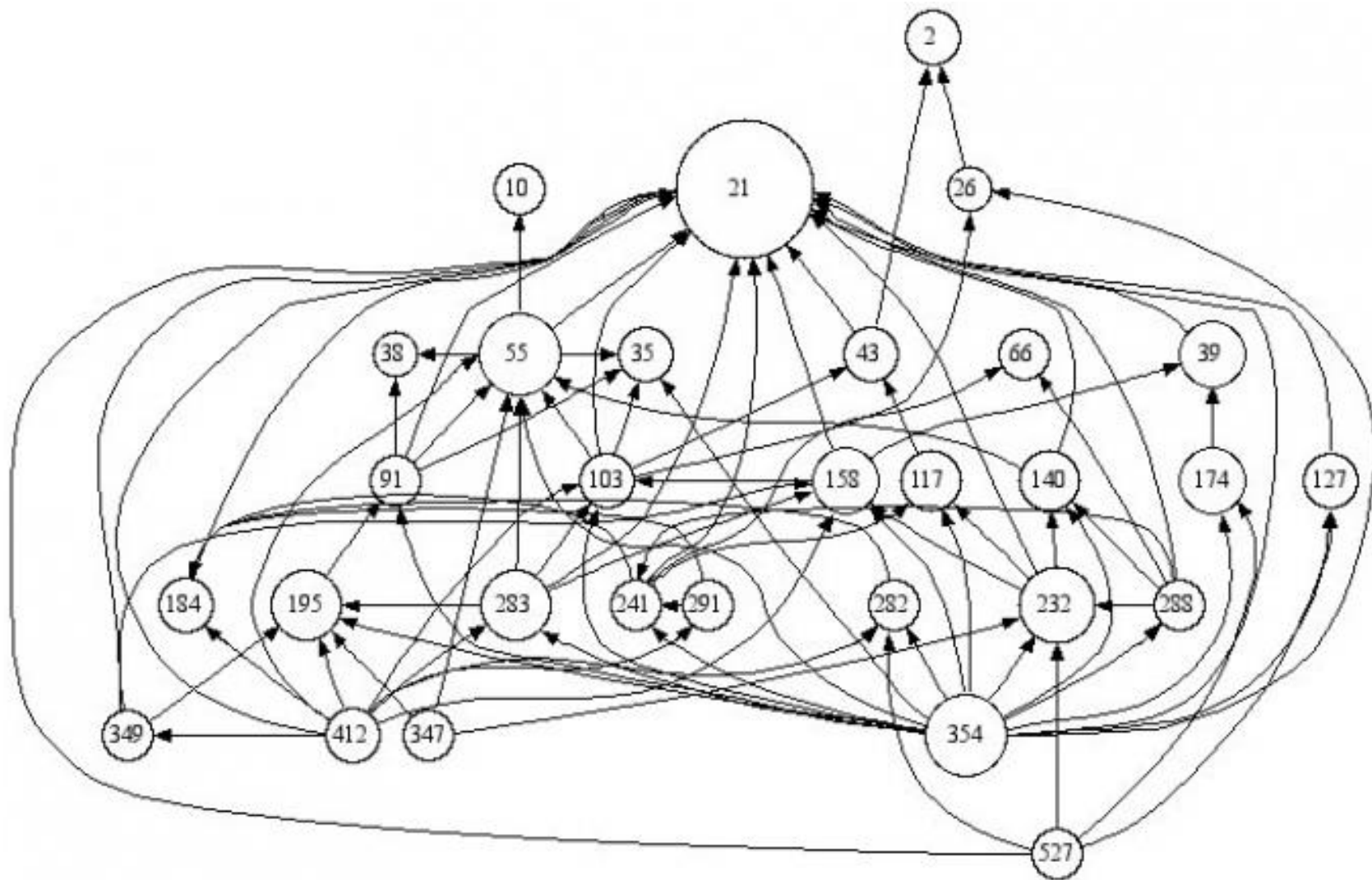
2010

2011

2012

2013

2014



知乎：<https://zhuanlan.zhihu.com/p/20902898>



网易云课堂课程链接：

<https://study.163.com/course/introduction/1004904012.htm>

3、如何在实现1日1000篇

如何用最短的时间，获取最多的信息

一日千篇的文献阅读流程：流程化，二分法

1. 文献信息收集 通过endnote收集大量的文献信息
2. 快速浏览标题，利用二分法来进行筛选
3. 阅读文章的摘要，用二分法进行筛选
4. 自动下载全文并阅读
5. 思维导图整理文献信息
6. 其它：kindle阅读，翻译辅助、文献导出

第一步：Endnote中创建数据库

EndNote X9 - [2018 aptamer only.enl]

File Edit References Groups Tools Window Help

Annotated

Quick Search

Show Search Panel

My Library	Re...	Rating	Year	Title
All Referen... (1794)	11		2018	Aptamer-based biosensor for the electrochemical detection of arsenit
Configure Sync...	12		2018	Highly sensitive programmable RNA detection using fluorescent RNA apt
Recently Added (0)	13		2018	Enhancing the sensitivity using a nanostructured surface of the elect
Unfiled (1442)	14		2018	Early diagnosis of periodontal diseases using an aptamer-based biose
Trash (5)	15	★	2018	Divalent metal ion-independent cell adhesion events mediated by E-c
My Groups (352)	16		2018	Molecularly imprinted super-aptamer hydrogels for RNA and DNA biosen
Online Search	17	2018	Nanoparticle system for pH-triggered aptamer targeting and Pt (II) d
Library of Co... (0)	18		2018	Luminescent Device for the Detection of Oxidative Stress Biomarkers in A
LISTA (EBSCO) (0)	19		2018	Organic Electrochemical Transistors for the Detection of Cell Surface
PubMed (NL... (0)	20		2018	Three-Dimensional DNA Origami as Programmable Anchoring Points
Web of Scie... (0)	21		2018	Metal-Organic Framework-Based Nanoplatfrom for Intracellular Environm
more...	22		2018	Epitope Binning Assay Using an Electron Transfer-Modulated Aptamer Sen
Find Full Text	23		2018	Dithiothreitol-Regulated Coverage of Oligonucleotide-Modified Gold Nan
	24		2018	Cascaded Aptamers-Governed Multistage Drug-Delivery System Base
	25		2018	TiO2 Nanolayer-Enhanced Fluorescence for Simultaneous Multiplex M
	26		2018	Detection of Bisphenol A Using DNA-Functionalized Graphene Field I
	27		2018	Supramolecularly Assembled Ratiometric Fluorescent Sensorv Nanosvster

Showing 1794 of 1794 references.

Layout

Wlodar
czyk,
M., et
al.
(2018).
"Nanop
article
system
for pH-
trigger
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aptame
r
targetin
g and
Pt (II)
delivery
to
cancer
cells."
Abstrac

第二步：快速浏览标题，二分法分类

●	Re...	Rating	Year	Title
●	11	★	2018	Aptamer-based biosensor for the electrochemical detection of arsenite
○	12	★	2018	Highly sensitive programmable RNA detection using fluorescent RNA apt
●	13		2018	Enhancing the sensitivity using a nanostructured surface of the elect
●	14		2018	Early diagnosis of periodontal diseases using an aptamer-based biose
●	15	★	2018	Divalent metal ion-independent cell adhesion events mediated by E-c
○	16		2018	Molecularly imprinted super-aptamer hydrogels for RNA and DNA biosen
●	17	★	2018	Nanoparticle system for pH-triggered aptamer targeting and Pt (II) d
○	18		2018	Luminescent Device for the Detection of Oxidative Stress Biomarkers in A
●	19		2018	Organic Electrochemical Transistors for the Detection of Cell Surface
●	20	★	2018	Three-Dimensional DNA Origami as Programmable Anchoring Points
○	21		2018	Metal-Organic Framework-Based Nanoplatfrom for Intracellular Environm
○	22		2018	Epitope Binning Assay Using an Electron Transfer-Modulated Aptamer Ser
○	23	★	2018	Dithiothreitol-Regulated Coverage of Oligonucleotide-Modified Gold Nan
●	24		2018	Cascaded Aptamers-Governed Multistage Drug-Delivery System Basec
●	25		2018	TiO₂ Nanolayer Enhanced Fluorescence for Simultaneous Multiplex M

第三步：快速阅读摘要，二分法分类

EndNote X9 - [2018 aptamer only.enl]

File Edit References Groups Tools Window Help

Annotated

My Library

- All Referen... (1794)
- Configure Sync...
- Recently Added (0)
- Unfiled (1442)
- Trash (5)
- My Groups (352)
- Online Search
 - Library of Co... (0)
 - LISTA (EBSCO) (0)
 - PubMed (NL... (0)
 - Web of Scie... (0)
 - more...
- Find Full Text

Re...	Rating	Year	Title
216	★	2018	Application of DNA Machineries for the Barcode Patterned Detection of Genes
156	★	2018	The potential of aptamers for cancer research
702	★★	2018	Selection and Screening of DNA Aptamers for Inorganic Nanomaterials
722	★	2018	Improved Detection of HER2 by a Quasi-Targeted Proteomics Approach Using A
443	★★	2018	Screening and characterization of a Annenix A2 binding aptamer that inhibits t
97	★	2018	Aptamers as targeting ligands and therapeutic molecules for overcoming drug i

Reference Preview Zhou-2018-Screening and characterization of a.pdf

Zhou, W., et al. (2018). "Screening and characterization of a Annenix A2 binding aptamer that inhibits the proliferation of myeloma cells." Biochimie.

Multiple myeloma (MM) is a malignant plasma cell disease and is considered incurable. Annexin A2 (ANXA2) is closely related to the proliferation and adhesion of MM. Using protein-SELEX, we performed a screen for aptamers that bind GST-ANXA2 from a library, and GST protein was used for negative selection. The enrichment of the ssDNA pool was monitored by filter-binding assay during selection. After nine rounds of screening and high-throughput sequencing, we obtained six candidate aptamers that bind to the ANXA2 protein. The affinities of the candidate aptamers for ANXA2 were determined by ELONA. Binding of aptamer wh6 to the ANXA2 protein and to the MM cell was verified by aptamer pulldown experiment and flow cytometry, respectively. Aptamer wh6 binds the ANXA2 protein with good stability and has a dissociation constant in the nanomolar range. The binding specificity of aptamer wh6 was confirmed in vivo in nude mouse xenografts with MM cells and with MM bone marrow aspirates. Furthermore, aptamer wh6 can block MM cell


Showing 1794 of 1794 references.

Layout

第四步：自动下载全文，并阅读

The screenshot displays a reference management application. At the top, a table lists references with columns for 'Re...' (likely ID), 'Rating', 'Year', and 'Title'. The first reference is highlighted in blue. A context menu is open over this reference, listing various actions. The 'Find Full Text' option is highlighted in blue, and a red arrow points to it. Below the table, the 'Reference' and 'Preview' tabs are visible. The 'Preview' tab is active, showing the details of the selected reference: 'Nguyen Quang, N., et al. Res 46(15): 7480-7494'. The preview text describes a high-throughput method for molecular evolutionary (EG) proliferation and its application in in vitro selection. The context menu 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', 'File Attachments', 'PDF Viewer', 'Find Full Text', 'Find Reference Updates...', 'URL', and 'Web of Science'. The 'Find Full Text' option is the one being highlighted.

Re...	Rating	Year	Title
1...	★★★★		on of an XNA aptamer capable of small-molecule recognition
72	★★★★		ng for Cytometric Bead Assays for Adenosine Triphosphate
14...	★★★★		xic aptamer-drug conjugates for the treatment of prostate cancer
1...	★★★★		Identification of Skeletal-Muscle-Targeted RNA Aptamers
1...	★★★★		and characterization of nucleobase-modified aptamers by click-S
1...	★★★★		aging of molecular evolution by high-throughput sequencing

Reference Preview  Nguyen Quang, N., et al.

Nguyen Quang, N., et al. Res 46(15): 7480-7494

High-throughput times of molecular evolutionary (EG) proliferation and corresponds to the process that led in vitro selection descendant of a

of molecular evolution by high-throughput sequencing." Nucleic Acids

could artificially provide large quantities of relic sequences from known ate how it can be used to reconstruct an empirical genealogical ontrast to classical phylogenetic trees, this tree-diagram represents population during rounds of selection. Such information, which to infer which sequences may have been mutated through the selection This approach was validated by the re-analysis of an aptamer against Annexin A2. It revealed that this aptamer might be the mplified in early rounds. It also succeeded in predicting improved

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
File Attachments
PDF Viewer
Find Full Text
Find Reference Updates...
URL
Web of Science

Find Full Text...

第五步：阅读笔记、归纳总结和整理

EndNote X9 - [2018 aptamer only.enl]

File Edit References Groups Tools Window Help

Annotated

Quick Search Show Search Panel

My Library

- All Referen... (1794)
- Configure Sync...
- Recently Added (0)
- Unfiled (1442)
- Trash (5)
- My Groups (352)
- Online Search
 - Library of Co... (0)
 - LISTA (EBSCO) (0)
 - PubMed (NL... (0)
 - Web of Scie... (0)
 - more...
- Find Full Text

Re...	Rating	Year	Title
1...	★★★	2018	In vitro selection of
72	★★★	2018	Direct Screening for
14...	★★★	2018	Tunable cytotoxic apt
1...	★★★	2018	Selection and Identi
1...	★★★	2018	Identification and cl
1...	★★★	2018	Time-lapse imaging
387	★★★	2018	Comparison of Flow
467	★★★	2018	Differentiating brea
1...	★★★	2018	Selection of Metasta
749	★★★	2018	Genetic alphabet ex
371	★★★	2018	Ideal-Filter Capillary E
1...	★★★	2018	A Capture-SELEX Str
1...	★★★	2018	A Chymase Inhibitor
523	★★★	2018	Silver decahedral na
474	★★★	2018	Microfluidic platform
427	★★★	2018	DNA aptamer genera
1...	★★★	2018	Screening and select

Reference Preview Rangel-2018-In vitro selection of an XNA aptam.pdf

Rangel, Alexandra E
Chen, Zhe
Ayele, Tewoderos M
Heemstra, Jennifer M
eng
England
Nucleic Acids Res. 2018 Jul 31. pii: 5061972. doi: 10.1093/nar/gky667.

Research Notes

筛选 文献

这里可以记笔记，后期可以直接输出所有笔记

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这里可以记笔记，后期可以直接输出所有笔记

URL

<https://www.ncbi.nlm.nih.gov/pubmed/30085205>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6144807/pdf/gky667.pdf>

File Attachments

Showing 1794 of 1794 references.

Layout

借助翻译实现快速浏览 谷歌浏览器自动翻译设置方法



启动时

- ☒ 打开新标签页
- ☐ 从上次停下的地方继续
- ☐ 打开特定网页或一组网页

2

高级

语言

语言

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英语

中文

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3

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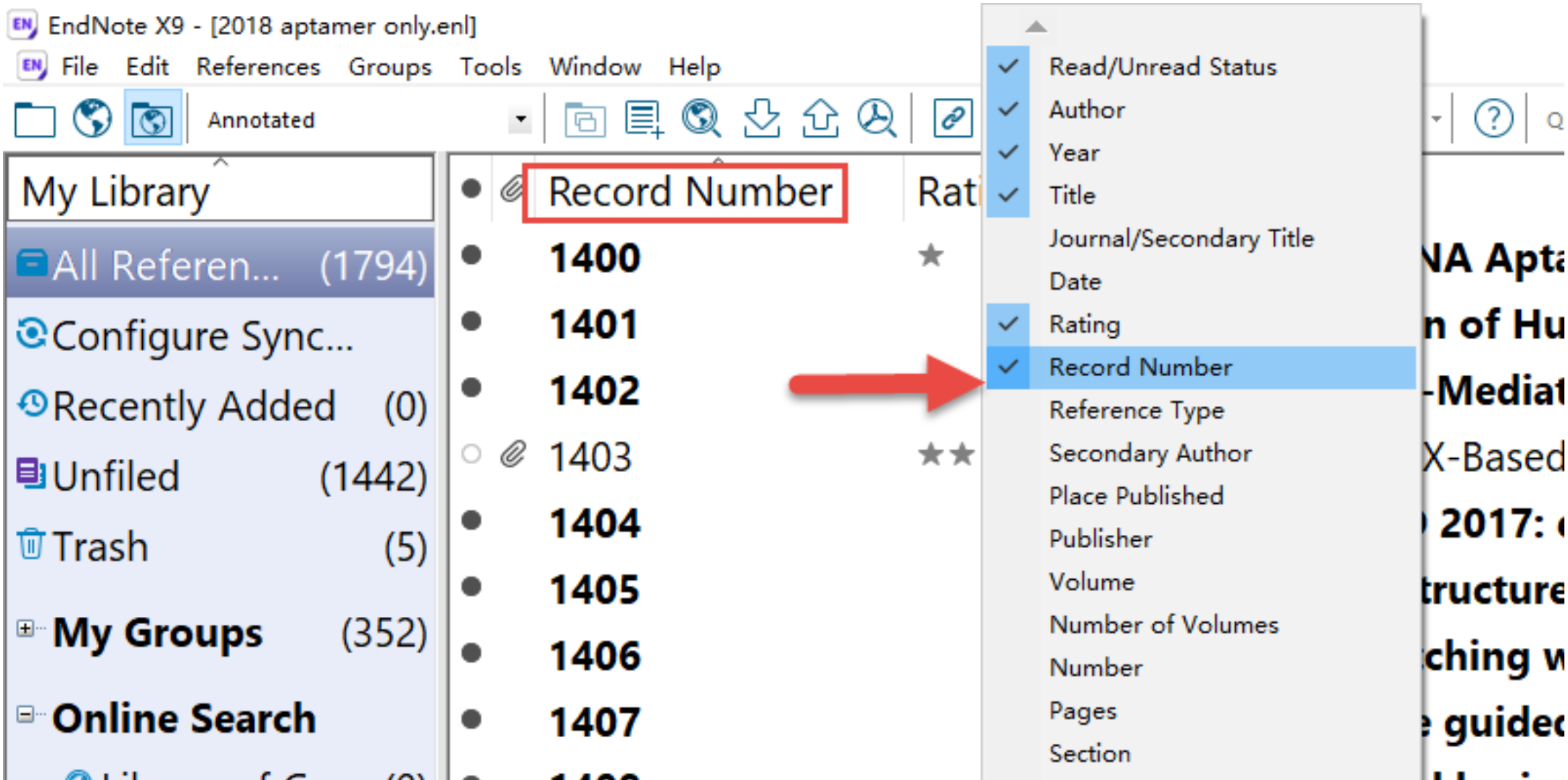
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流水线高效的原因是减少了大脑在不同任务间的切换

4、实际操作演示

质谱流式进来的发展与应用

工具意识

所有能用工具完成的事情一定不要亲力亲为，
那不叫勤奋，叫蠢！

01

花时间学习一些工具和方法，帮助我们提升效率，从而节省更多时间

02

时间投资

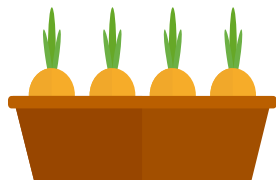
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2.筛选文献的几种方法



3.如何在一天内阅读1000篇文献



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