ScienceDirect, Empowering Knowledge



The leading platform of peer-reviewed scholarly literature



ScienceDirect

Search Tips

New Features

Q&A



What is ScienceDirect?

Website?

CNKI?

Google Scholar?

https://www.sciencedirect.com



 馆藏目录
 Summon搜索
 读秀学术搜索
 超星知识发现
 百度学术
 我的图书馆

 ▶ 说明:搜索本馆订购中外文电子资源、馆藏图书资源、特藏资源、馆外开放获取资源

 輸入您要检索的內容
 检索 Q

新闻公告

+MORE

-

HMORE--

资源动态

- ■《古今图书集成数据库》试用通知
- ■《中国科学引文索引数据库》开通
- Artlib《世界艺术鉴赏库》开通试
- ■《中科UMajor大学专业课学习数据

(4) 安徽农业大学"青禾讲坛"2019年第1场读书报告会 WW. 2018/01/2016 1/8/21 14/ 30 **金保**、祖宗家、朱祖文文的特的研究性、世帝和英雄社会任义 GRE, PRESIDENCE, & MERSSON SECTION **金额**,销售子的人生——发现用与由投资 www.no. 株成: 安徽古企大学积高级第一学术报告符 **主办**: 它都在企大学影响器、但我们有信息中心、人工包含料 1979年以来是秦國教育者中共1900年級、養養物品經濟 BROK. SERBERS. SECEROR. AN CORP. TYR. HE (最初所名法院連合中の1999年) (金円開発の前別開発報告) (泰爾科的理查索的語) 有多数有數。 **製作で大の機能なく物の研究とく関係も研究ともの可能** 过我网络摩诃教女性。(4)5年在《杨柏的》杂志并处数网络摩 接载中和基本。2004年11月,北京中国和森林市中,《古史书 科划是中品用2、2000年1月7日、中央数字电视程度用量等 HISHE CHEERSHEART), 2011EARIAH, DES 经应补帐帐款 (天下水像人) 化自己经过分钟 (摄影水准会 安徽农业大学"青禾讲坛"2019年第1场读书报告







农学分中心

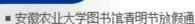


咨询中心









- 图书馆一周安排表 (2019年4月1日
- 安徽农业大学图书馆第五周"一小
- 安徽农业大学"品读经典?对话信仰

MALINA CONTRACTOR

CAMELLE CARPETA CALAMATER





中文数据库

首页 > 数据库> 中文数据库

中文数据库	文数据库 自建数据	库 试用数据库			
外文数据库		资源	原介绍 收	入时间	使用次数
《大英百科全书》 🐿		使用	指南 20	16-04-15	3043次
SpringerLink全文 🕥		使用	指南 20	16-04-15	23998次
ScienceDirec数据库 🕥		使用	指南 20	15-01-08	67155次

SCI引文数据库

CABI电子图书全

Emerald管理学组

SpecialSciDBS[

World Scientific

Annual Reviews

ScienceDirect期刊全文数据库

链接地址: http://www.sciencedirect.com/

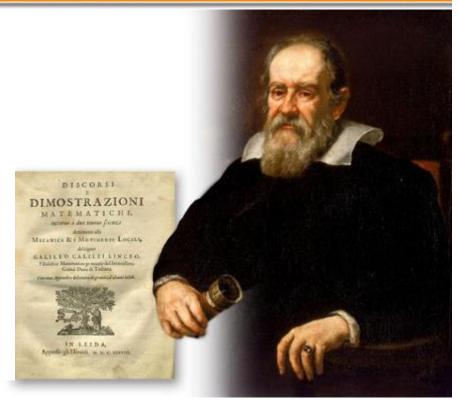
ScienceDirect (www.sciencedirect.com) 是荷兰爱思唯尔(Elsevier)旗下的全文数据库,含有全球25%以上的科学、技术和医学全文期刊文章,是科学界成效最卓著的权威科学文献搜索途径之一。该数据库不光收录Elsevier的1800多种期刊,还收录了超过3百万篇相关文章和5千9百万篇相关文摘。研究人员可以迅速链接到爱思唯尔出版社丰富的电子文献数据库,包括全文、单行本电子书、参考工具书、手册以及图书系列等。用户可在线访问涵盖了24个学科,2200多种专业学术期刊,15000多种图书等的电子文献数据库。大部分期刊被SCI、SSCI、E收录,是国际公认的权威学术期刊。

ScienceDirect



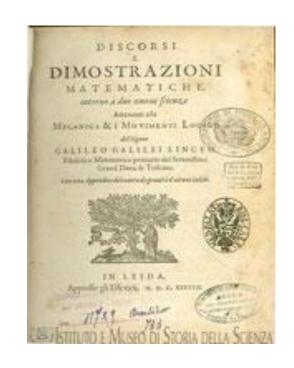
In 1580, Elsevier was founded as a small Dutch publisher

- In 1638, Elsevier published Galileo's Two New Sciences
- In 1997, ScienceDirect was launched



ScienceDirect

ScienceDirect



Galileo's last and greatest work, published in 1638 by Elzevir, Discorsi e Dimostrazioni Matematiche

Marie Curie (Physics, Chemistry)



Shinya Yamanaka (Medicine)



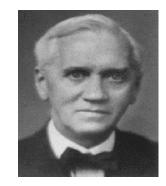
Louis
Pasteur
(Chemistry)



John C. Mather (Physics)



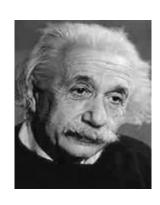
Alexander Fleming (Medicine)



Francoise Barre-Sinoussi (Medicine)



Albert Einstein (Physics)



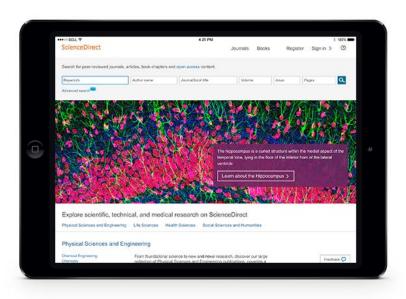
Craig C Mello (Medicine)



ScienceDirect 于1997年面世



1997年



2017年

○ 70% □

...



Elsevier 爱思唯尔





投稿之前你该知道的事: 第一弹

如何使文章易于原创。为了群各这个问题。

Science Bulletin诚邈您投稿!

我们邀请了数位经验丰富的申稿专家。请…

【Science Sulletini或重氮投稿1】 该期刊是

中国科学特和国家自然科学基金会主办的...

关于如何撰写糟糕绝顶的期刊论文...

市人节又来了! 猜情小爱给大家准备了什么

礼物7 政源9 太俗1 钻戒2 太贵1 还是来。

了解越发领先的中国工程学研究输...

在轮出方面越发有领先国际的趋势。在国、



科学与恶趣味

你是真的笨,还是......真的笨呢?

的编局? 上侯将相难道来真有种?

负"呢?难道"天道副敬"真的只是一个古老



all 中国移动 40

A AA

X

ScienceDirect







"ScienceDirect提供了一个易于操作的平台,可以方便地访问广泛且有用的研究出版物,超出我的想象"



最早回溯至1823

—Researcher/ Staff Member Life Sciences, USA

ScienceDirect

Filter by subject ☐ ⊞ Physical Sciences and Engineering ☐ ⊞ Life Sciences ☐ ⊞ Health Sciences ☐ ⊞ Social Sciences and Humanities

物理科学与工程

- 化学工程学(139)
- 化学(176)
- 计算机科学(195)
- 地球和行星学(161)
- 能源和动力(98)
- 工程与技术(324)
- 材料科学(217)
- 数学(126)
- 物理学和天文学(175)

生命科学

- 农业和生物学(288)
- 生物化学/遗传学/分子生物学 (433)
- 环境科学(189)
- 免疫学和微生物学(182)
- 神经科学(189)

健康科学

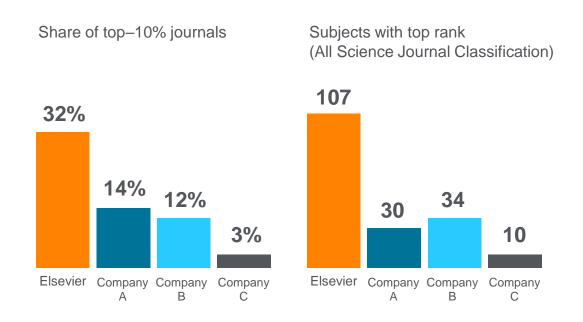
- 医科和牙科(1,395)
- 护理与卫生保健(204)
- 药理学/毒理学/制药科学(164)
- 兽医学 (70)

社会科学及人文

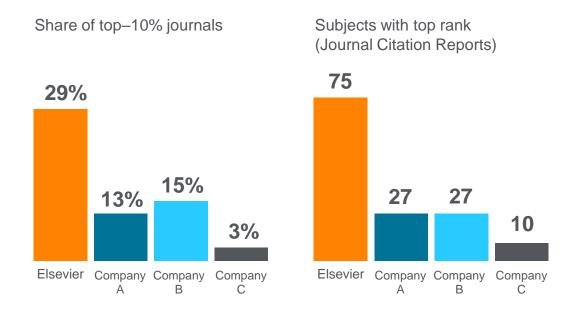
- 艺术与人文(58)
- 商业/管理/会计学(142)
- 决策科学(77)
- 经济学/计量经济学/金融(130)
- 心理学(174)
- 社会科学(318)

Our journals are ranking highly in every field

Journal ranking—Citescore



Journal ranking—Impact Factor



Journal ranking by CiteScore across 334 subjects per Scopus Metrics database; source: Scopus data (2016) Journal ranking by Journal Impact Factor across 234 subjects per Clarivate's Journal Citation Reports database; source: Clarivate data (2016)

Top Journals in ScienceDirect



































































































































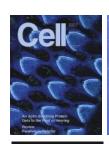
No.1 in 75 categories out of 235

^{*} Includes one book series Advances in Organometallic Chemistry Source: Thomson Reuters Journal Citation Reports 2015

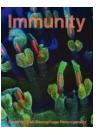
Top Journals in ScienceDirect



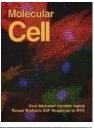








Cell Metabolism









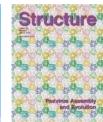




Molecular









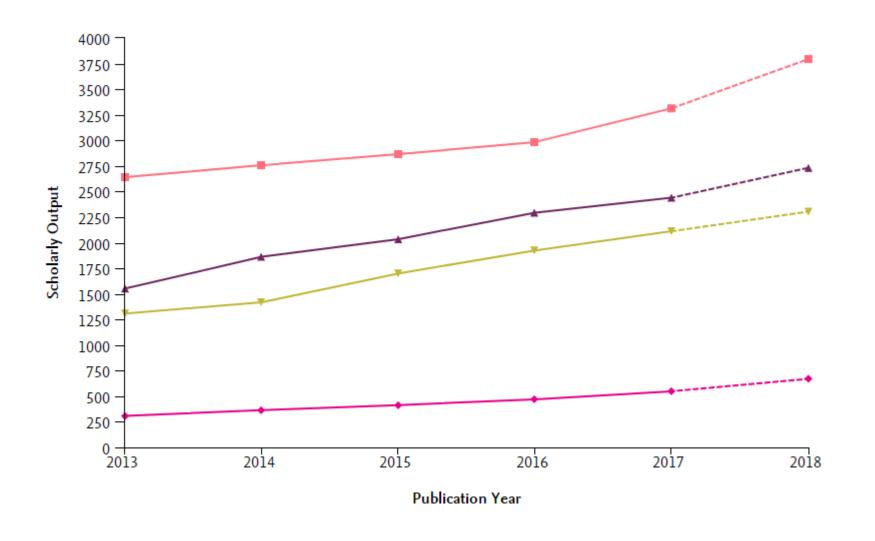








Scholarly Output for Agricultural Universities in China



Institutions and Groups

- Anhui Agricultural University
- China Agricultural
 University
- ▼ 🟛 Huazhong Agricultural University
- ▲ m Nanjing Agricultural
 University

Scholarly Output for Agricultural Universities in China



南京農業

在凝農業大學 Anhui Agricultural University

Food Chemistry (1,215) Scientia Horticulturae (772)

Bioresource Technology (741)

Journal of Integrative

Agriculture (714)

Gene (636)

Chemosphere (610)

Environment (587)

International Journal of

(498)

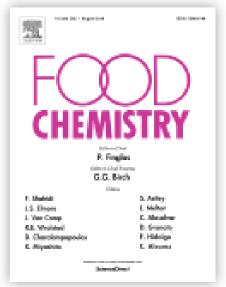
Science of The Total

Carbohydrate Polymers (53

Field Crops Research (511)

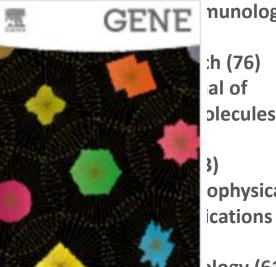
Biological Macromolecules

Food Chemistry (202) Chemosphere (136) Scientia Horticulturae (133) **Journal of Integrative**



ogy (98) ry and

Food Chemistry (119) Scientia Horticulturae (119) **Carbohydrate Polymers (89)** Gene (88)



nunology

plecules

ophysical

ology (61)

Food Chemistry (33) Gene (27) **Plant Physiology and Biochemistry (21) Carbohydrate Polymers (18) Developmental & Comparative Immunology (17)** International Journal of **Biological Macromolecules** (14)Chemosphere (14)

Scientia Horticulturae (13) Journal of Invertebrate Pathology (13)

Ecotoxicology and Environmental Safety (12)

ScienceDirect

Search Tips

New Features

How to get published



ScienceDirect

Journals & Books

Register

Sign in >



浏览期刊

Search for peer-reviewed journals, articles, book chapters and open access content.

Keywords

Author name

Journal/book title

Volume

Issue

Pag



Advanced search



Explore scientific, technical, and medical research on ScienceDirect

Physical Sciences and Engineering

Life Sciences

Health Sciences

Social Sciences and Humanities

Physical Sciences and Engineering

Chemical Engineering

Chemistry

Computer Science

Earth and Planetary Sciences

Energy

Engineering

Materials Science

Mathematics

Physics and Astronomy

From foundational science to new and novel research, discover our large collection of Physical Sciences and Engineering publications, covering a range of disciplines, from the theoretical to the applied.

Popular Articles

School performance, social networking effects, and learning of school children: Evidence of reciprocal relationships in Abu ... Telematics and Informatics, Volume 34, Issue

Aluminium in brain tissue in

Recent Publications

Chinese Journal of Analytical Chemistry

Volume 46, Issue 10

Energy Procedia

Volume 150

Comptes Rendus Mathematique

Volume 356, Issue 10

Feedb



Search for journal or book title

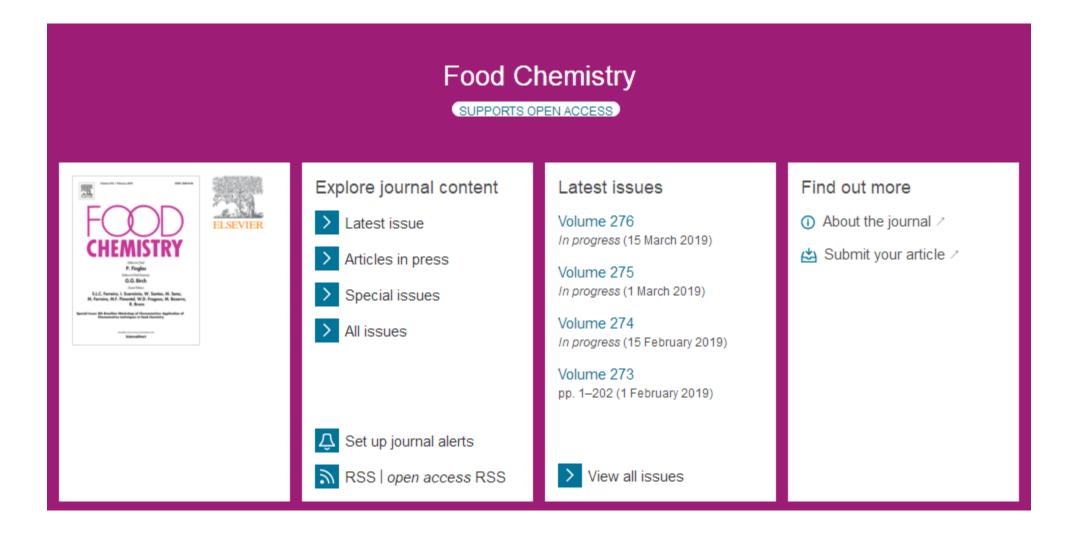
浏览期刊

Showing 3,059.000 publications

Q



浏览期刊

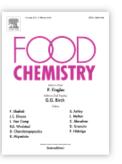


Home > Journals > Food Chemistry









Food Chemistry

Editor-in-Chief: Dr. P. Finglas

> View Editorial Board



Submit Your Paper Supports Open Access View Articles Guide for Authors Journal Metrics > CiteScore: 5.19 ① Impact Factor: 4.946 ① 5-Year Impact Factor: 4.879 ① Source Normalized Impact per Paper (SNIP): 2.109 (1) SCImago Journal Rank (SIR): 1.793

The Food Chemistry has an open access mirror Food Chemistry: X, sharing the same aims and scope, editorial team, submission system and rigorous peer review.

The Aims and Scope of Food Chemistry are assessed and modified on an annual basis to reflect developments in the field. This means that research...

Read more

Most Downloaded Recent Articles Most Cited Open Access Articles

Announcements

Heliyon Partner Journal

This journal has partnered with Heliyon, an open access journal from Elsevier publishing quality peer reviewed research across all disciplines. Heliyon's team of experts provides editorial excellence, fast publication, and high visibility for your

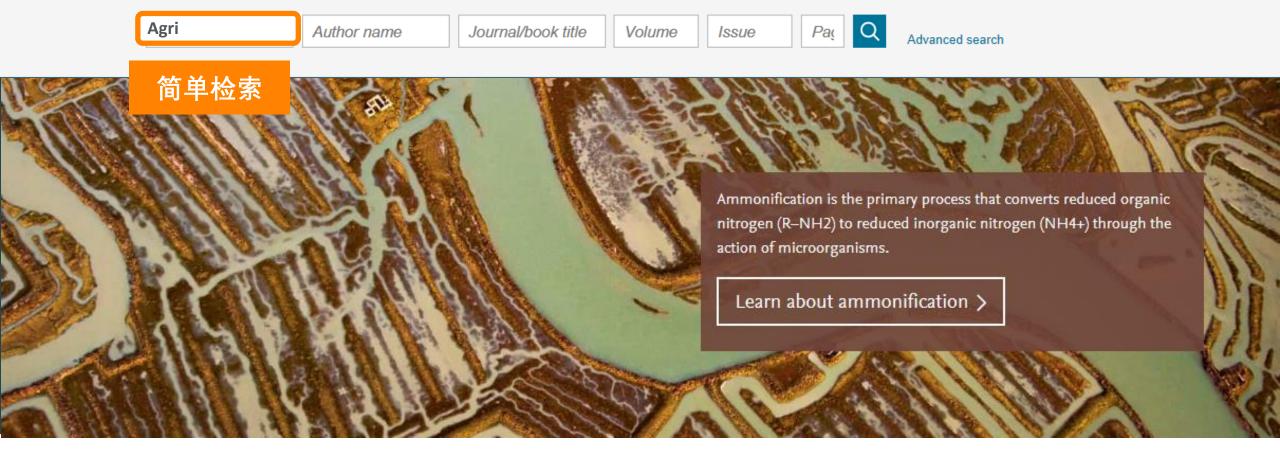
Journals & Books

Register

Sign in >

· (?

Search for peer-reviewed journals, articles, book chapters and open access content.



简单检索

Journals & Books







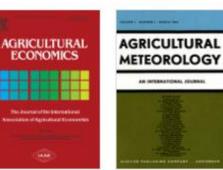
Q Journal/book title Volume Pages Author name agri Issue Advanced search

Suggested publications:

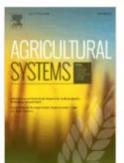
View all

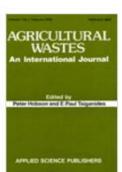


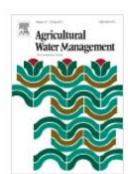
AGRICULTURAL **ECONOMICS** Agricultural Administration and Extension

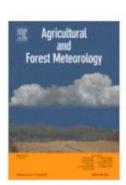




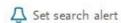








46,543 results



Refine by:

Years

2019 (1,310)

2019 (2 700)

Download selected articles



sorted by relevance | date

Research article . Full text access

Sensing, smart and sustainable technologies for Agri-Food 4.0

Computers in Industry, Volume 108, June 2019, Pages 21-36

Jhonattan Miranda, Pedro Ponce, Arturo Molina, Paul Wright

Download PDF Abstract V Export V

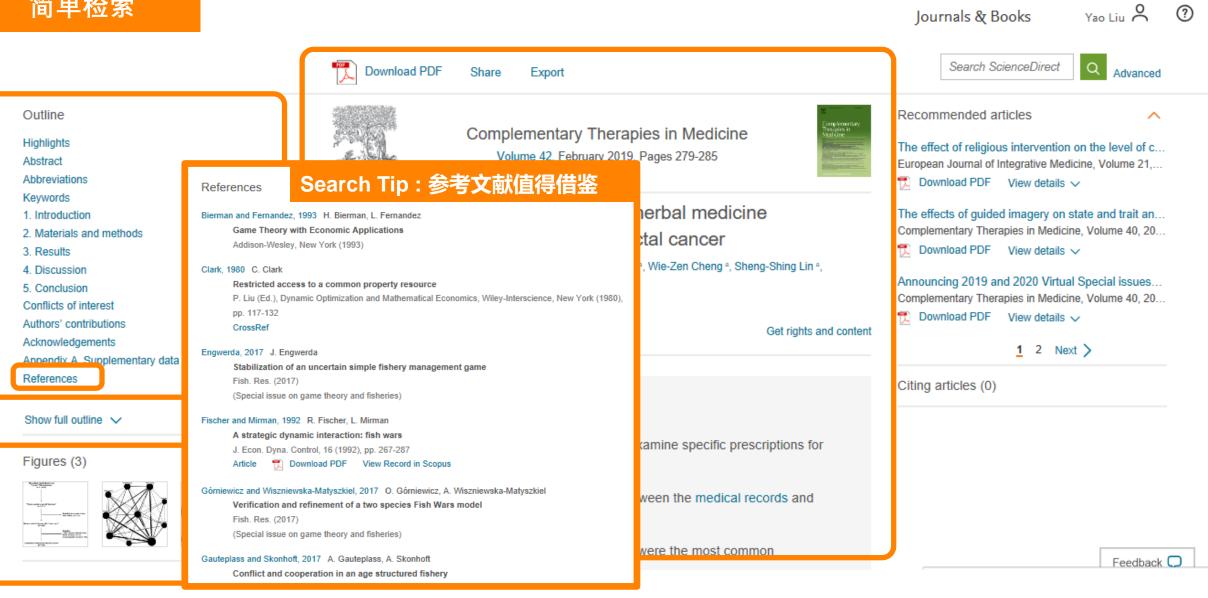
Research article Full text access

Feedback 💭

简单检索

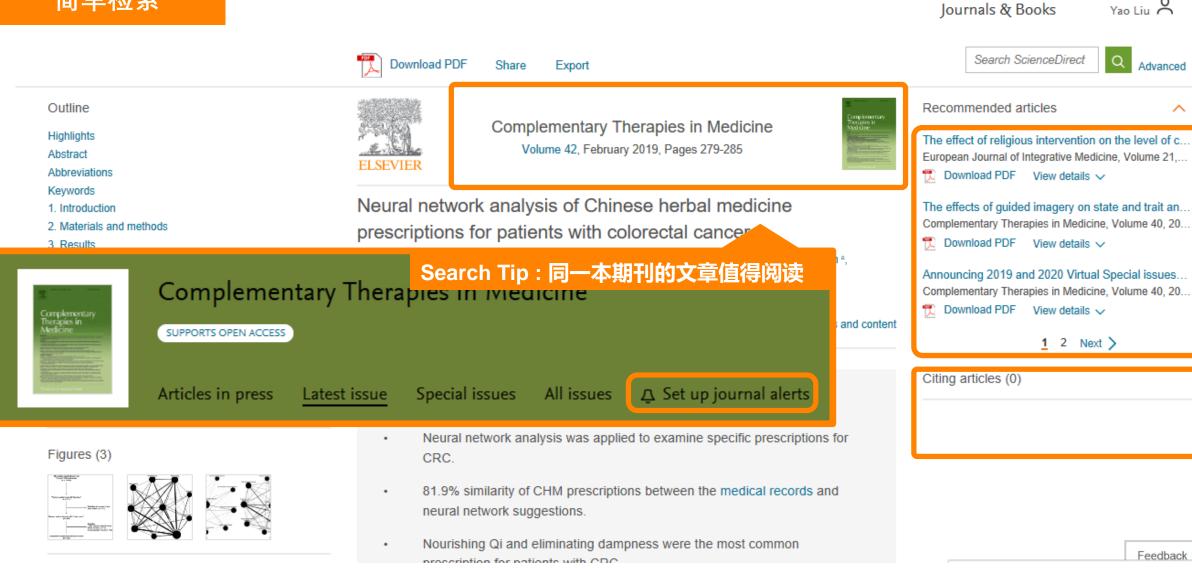
291,923 results	Download selected articles <u>1</u> Export sorted by relevance date
🗘 Set search alert	Review article • Full text access Treatment of atherosclerosis by traditional Chinese medicine: Questions and quandaries
Refine by:	Atherosclerosis, Volume 277, October 2018, Pages 136-144 Chuan Wang, Manabu Niimi, Teruo Watanabe, Yanli Wang, Jianglin Fan
Years	Download PDF (659 KB) Abstract ✓ Export ✓
2019 (789) 2018 (26,800) 2017 (24,743)	Review article Open access Classification of interventions in Traditional Chinese Medicine Journal of Traditional Chinese Medicine, Volume 38, Issue 2, April 2018, Pages 315-320
Show more ∨	Deng Hongyong, Clive E Adams, Farhad Shokraneh, Liang Shanghua Download PDF (631 KB) Abstract Export
Article type	
Review articles (21,729) Research articles (158,201) Encyclopedia (2,893) Book chapters (15,174)	Atheroprotective effects and molecular targets of bioactive compounds from traditional Chinese medicine Pharmacological Research, Volume 135, September 2018, Pages 212-229 Lei Qiao, Wenqiang Chen Download PDF (1,505 KB) Abstract × Export ×
Publication title The Lancet (6,648) Journal of Ethnopharmacology (4,718)	Review article • Full text access A systematic review of acupuncture and Chinese herbal medicine for postpartum depression Complementary Therapies in Clinical Practice, Volume 33, November 2018, Pages 85-92 Lingling Yang, Yuan M. Di, Johannah L. Shergis, Yan Li, Charlie C. Xue

简单检索



Feedback C

简单检索



简单检索



Download PDF

Share

Export

Journals & Bc 查看作者文章



Sheng-Teng Huang

China Medical University Taichung 16 h-index • 798 Citations

View on Mendeley

More documents by Sheng-Teng Huang Provided by Scopus

Chinese herbal medicine improves the long-term... Huang, K.-C., Su, Y.-C., Sun, M.-F., Huang, S.-T.

View details

Conventional treatment integrated with Chinese h... Wang, C.-Y., Huang, H.-S., Su, Y.-C., Tu, C.-Y.,...

View details

HGK-sestrin 2 signaling-mediated autophagy cont... Yen, J.-H., Huang, S.-T., Huang, H.-S., Fong, Y.-...

View details

Outline

Highlights

Abstract

Abbreviations

Keywords

- 1. Introduction
- 2. Materials and methods
- Results
- 4. Discussion
- Conclusion

Conflicts of interest

Authors' contributions

Acknowledgements

Appendix A. Supplementary data

References

Show full outline >

Figures (3)









Complementary Therapies in Medicine

Volume 42, February 2019, Pages 279-285

Neural network analysis of Chinese herbal medicine prescriptions for patients with colorectal cancer

Yu-Chuan Lize, Wei-Te Huange, Ohi-Chen Care, Hao Hsiu Hunge, Wie-Zen Chenge, Sheng-Shing Line, Hung-Jen Lie a, Sheng-Teng Huang a, b, c, d, e, f A ■

Search Tip 3: 通信作者的文章值得关注

Highlights

- Neural network analysis was applied to examine specific prescriptions for CRC.
- 81.9% similarity of CHM prescriptions between the medical records and neural network suggestions.
- Nourishing Qi and eliminating dampness were the most common procedintion for nationte with CDC

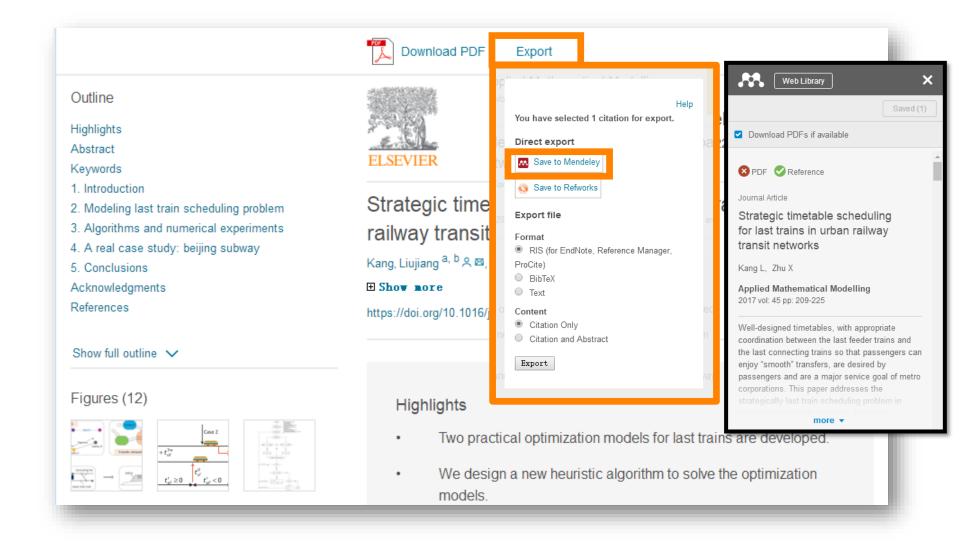


简单检索



参考文献管理工具

学术社交平台

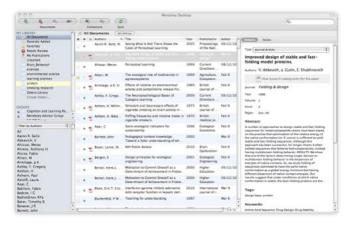


简单检索



参考文献管理工具

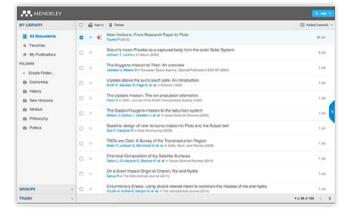
学术社交平台



Desktop

Your travelling library available anytime anywhere

- All references and full text articles stored in cloud and available on
 - Desktop software for offline access
 - Web browsers for easy access
 - Mobile for travelling





Web

Mobile

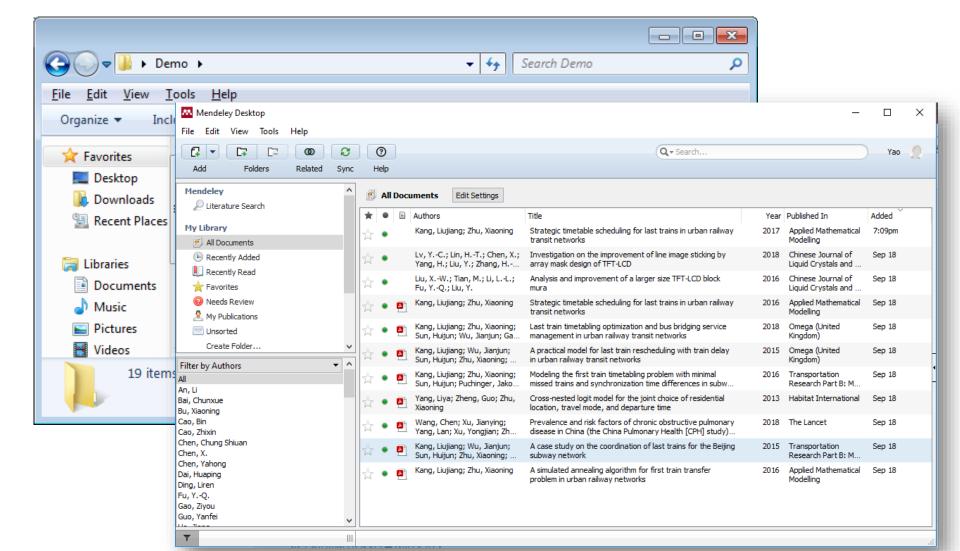
简单检索



参考文献管理工具

学术社交平台

No more cluttered PDFs in your computer hard disk No typing word for renaming



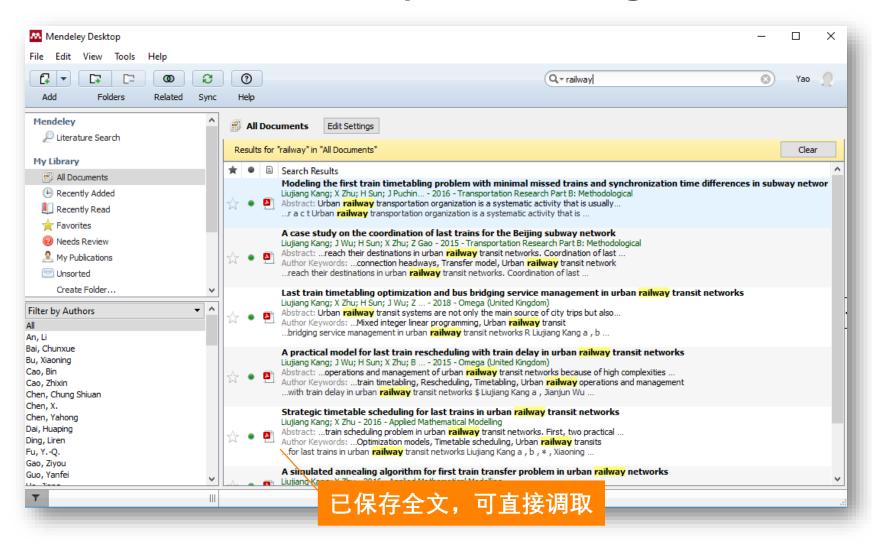
简单检索



参考文献管理工具

学术社交平台

Free Edition offers 2 GB personal storage in cloud



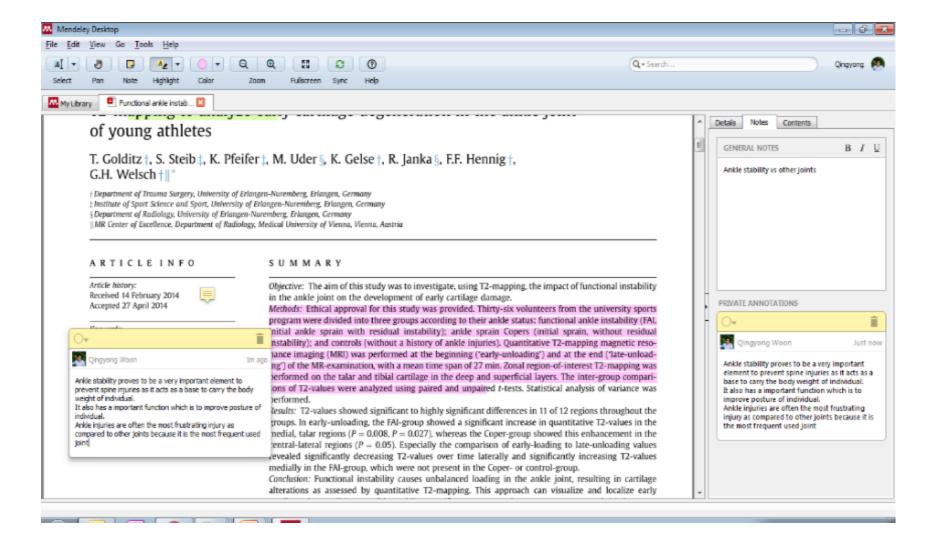
简单检索



参考文献管理工具

学术社交平台

Highlights and make notes



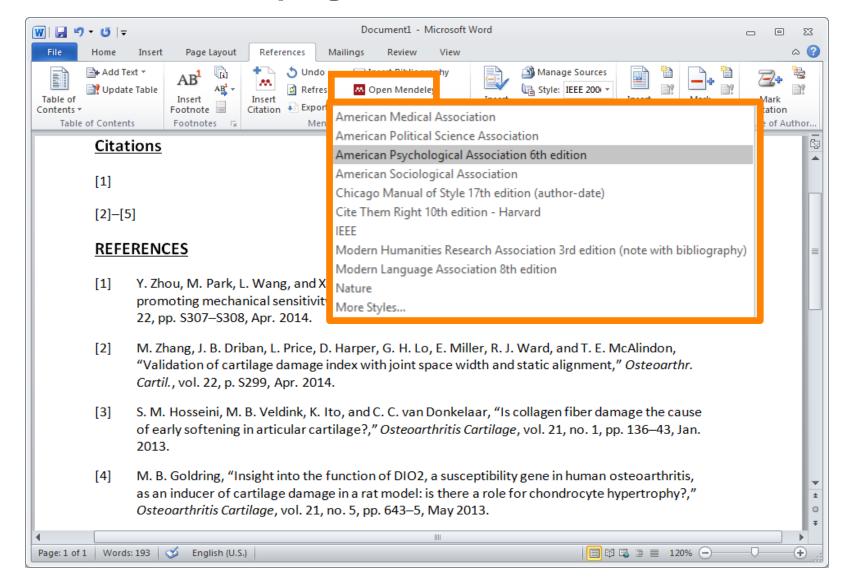
简单检索



参考文献管理工具

学术社交平台

Install MS Word plugin

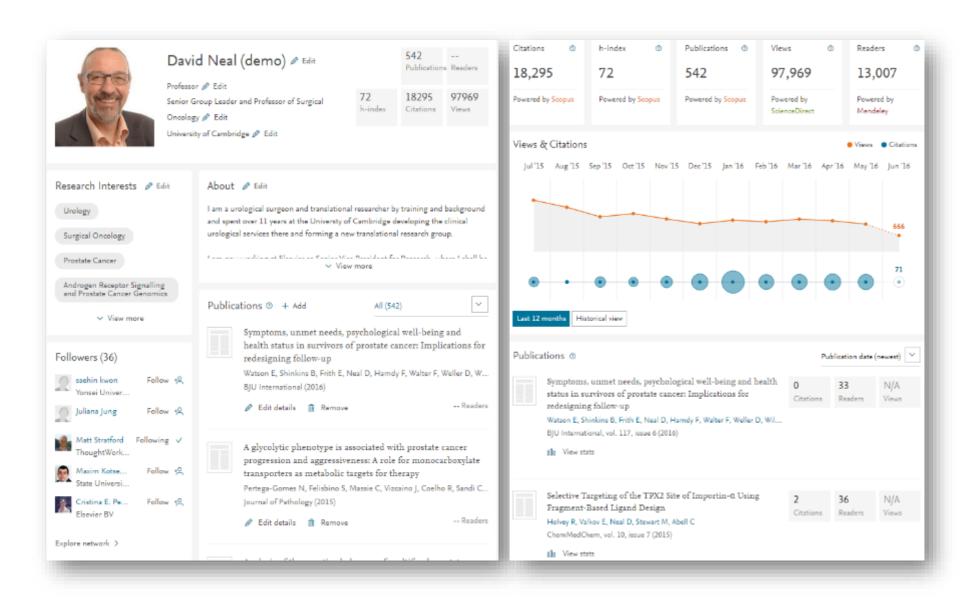


简单检索



参考文献管理工具

学术社交平台



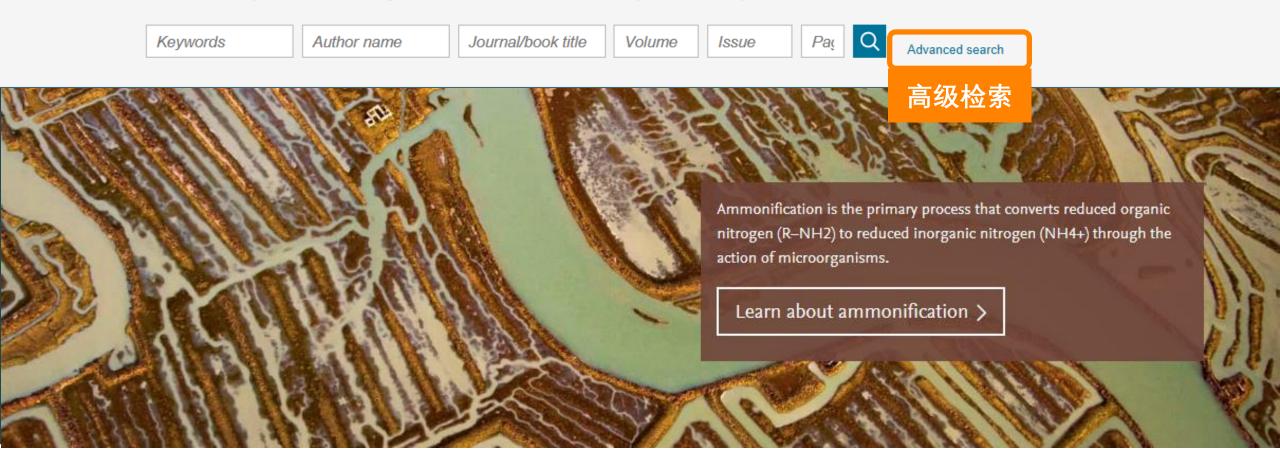
ScienceDirect

Journals & Books

Sign in >

Register

Search for peer-reviewed journals, articles, book chapters and open access content.



高级检索

All of the fields are optional. Find out more about the new advanced search.	Find articles with these terms 在全文中检索				
	In this journal or book title	在刊名/书名检索	Year(s) 限定年份		
	Author(s) 限定作者		Author affiliation		
	Title, abstract or keywords	H	限定机构		
	————————————————————————————————————	示题、文摘、关键词	同中中检索		
	Article types				
	Review articles	Correspondence	Patent reports		
	Research articles	Data articles	Practice guidelines		
	Encyclopedia	Discussion	Product reviews		
	Book chapters	Editorials	Replication studies		
	Conference abstracts	Errata	Short communications		
	Book reviews	Examinations	Software publications		
	Case reports	Mini reviews	☐ Video articles		
	Conference info	News	Other		
	限定文章类	<u>型</u>	Search Q		

高级检索

案例: 搜索安徽农业大 学在2015至2018 年发表的文章

All of the fields are optional. Find out more about the new advanced search.	Find articles with these terms			
	In this journal or book title Author(s) Title, abstract or keywords		Year(s) 2015-2018	
			Author affiliation "Anhui Agricultural	
			University"	
	Show more fields			
	Article types			
	Review articles	Correspondence	Patent reports	
	Research articles	Data articles	Practice guidelines	
	Encyclopedia	Discussion	Product reviews	
	Book chapters	Editorials	Replication studies	
	Conference abstracts	Errata	Short communications	
	Book reviews	Examinations	Software publications	
	Case reports	Mini reviews	☐ Video articles	
	Conference info	News	Other	
			Search Q	

高级检索

案例: 搜索安徽农业大 学在2015至2018 年发表的文章

检索结果	Find articles with these terms
	Author affiliation: "anhui agricultural university" ★ ★ Advanced search
822 results	☐ 🄀 Download selected articles 🛕 Export sorted by relevance date
🗘 Set search alert	Research article • Full text access Molybdenum disulfide nanosheets loaded with chitosan and silver nanoparticles effective antifungal
Refine by:	activities: in vitro and in vivo Materials Science and Engineering: C, Volume 97, April 2019, Pages 486-497 Weiwei Zhang, Zhipeng Mou, Yazhe Wang, Ying Chen, Weiyun Wang
2019 (87)	Download PDF Abstract ✓ Export ✓
2018 (146) 2017 (128)	Research article • Full text access Characterization of small GTPase Rac1 and its interaction with PAK1 in crayfish Procambarus clarkii
Show more ∨	Fish & Shellfish Immunology, Volume 87, April 2019, Pages 178-183
Article type Review articles (21)	Yuanyuan Feng, Maolin Ma, Xiaojiao Zhang, Die Liu, Baojian Zhu ☑ Download PDF Abstract ∨ Export ∨

高级检索

All of the fields are optional. Find articles with these terms Find out more about the new advanced search. In this journal or book title Year(s) **ELSEVIER** 在线支持中心 Author(s) Author affiliation ScienceDirect Support Center Title, abstract or keywords 输入问题 Q All Topics ✓ Search Show more fields How do I use the new advanced search? Orders & Renewals Article types Last updated on 24/07/2018 01.46 PM Access Review articles Correspondence Patent reports Performing an advanced search tutorial Onboarding Research articles Data articles Practice guidelines Training The new advanced search form offers an open design which allows you to specify one or more pieces of information (e.g., keywords, authors, dates, etc.) to find related documents in ScienceDirect. You can Encyclopedia Discussion Product reviews Using the product easily build an explicit query using multiple Boolean operators and nested clauses in your search. Book chapters Editorials Replication studies Content None of the available fields are mandatory to an advanced search query. You are simply required to complete at least one field with searchable information. Conference abstracts Short communications Errata Book reviews Examinations Software publications Mini reviews Video articles Case reports Conference info Other News Search Q

高级检索

How to search for other characters

特殊字符搜索

View the tips in the table below to see how to search for special characters

Character	Example
Spelling variations	Both British and American spelling variants are supported. A search for <i>colour</i> returns color, and vice versa
Greek letters and character equivalents	To search the Greek letter Ω , enter <i>omega</i> . This matches documents containing the word omega as well as the symbols Ω (uppercase omega) and ω (lowercase omega).
Subscript and superscript	Enter subscripted and superscripted characters on the same line as the other characters. To search for the chemical notation "H ₂ O," enter H2O.
Accented characters	To search for the name Fürst, enter Fürst or Furst.
Non-alphanumeric characters	Characters such as bullets, arrows, daggers, and plus signs are ignored.

高级检索

Use Boolean operators to combine multiple terms:

布尔语言搜索

- Boolean operators currently supported include AND, OR, NOT, and the hyphen (or minus symbol)
- Boolean operators must be entered in all uppercase
- The hyphen (or minus symbol) is interpreted as the NOT operator

For example: black -hole will return results containing 'black', but exclude any instances where 'hole' appears with it.

- Boolean precedence is as follows:
 - 1. NOT
 - 2. AND
 - 3. OR
- Parentheses can be used when nesting clauses so the grouping is clear

For example: For a OR b AND c, enter a OR (b AND c)

Quotation marks can be used to specify terms which must appear next to each other

For example: ("heart attack" OR "myocardial infarction") AND diabetes AND NOT cancer

高级检索

案例: 输入"heart attack" AND "Myocardial infarction" AND "diabetes" AND NOT "cancer"

All of the fields are optional. Find out more about the new advanced search.	在全文中检索 "heart attack" AND "Myocardial infarction" AND "diabetes" AND NOT "cancer"		
	Author(s)		Author affiliation
	Title, abstract or keywords		
	✓ Show more fields		
	Article types		
	Review articles	Correspondence	Patent reports
	Research articles	Data articles	Practice guidelines
	Encyclopedia	Discussion	Product reviews
	Book chapters	Editorials	Replication studies
	Conference abstracts	Errata	Short communications
	Book reviews	Examinations	Software publications
	Case reports	Mini reviews	☐ Video articles
	Conference info	News	Other
			Search Q

高级检索

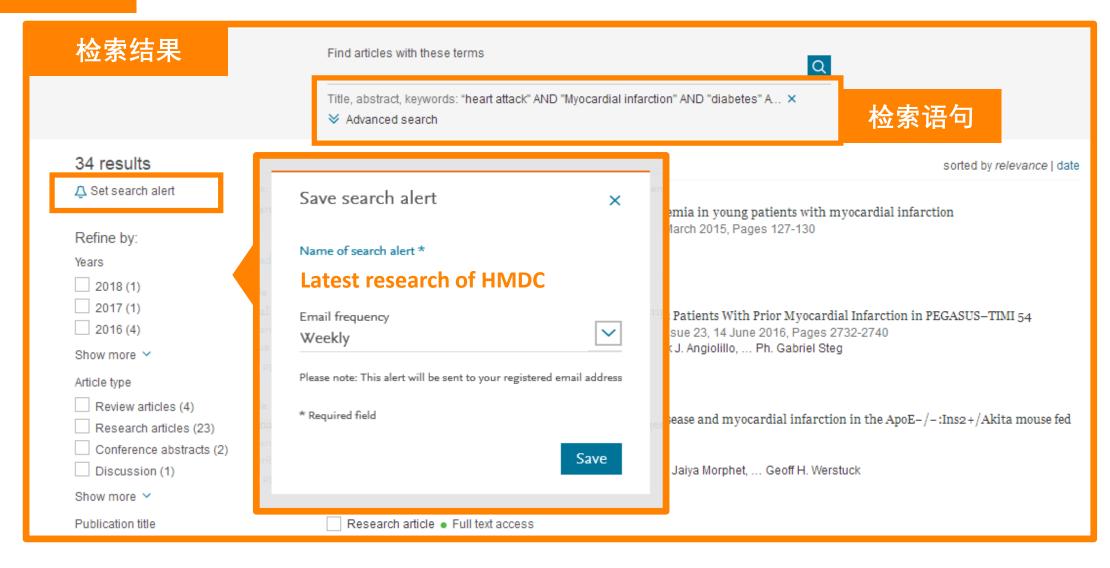
检索结果	Find articles with these terms "heart attack" AND "Myocardial infarction" AND "diabetes" AND			
	→ Advanced search Advanced search Mark AND Wyocardian inflarction AND diabetes AND 松索语句			
4,089 results	☐ IDownload selected articles			
🗘 Set search alert	Review article • Full text access			
Refine by: Years	The King Is Dead: Clark Gable's Heart Attack The American Journal of the Medical Sciences, Volume 356, Issue 3, September 2018, Pages 219-226 Robert S. Pinals, Harold Smulyan Download PDF (942.000 KB) Abstract Export			
☐ 2019 (6) ☐ 2018 (226) ☐ 2017 (188) Show more ✓	Book chapter • Full text access 18: Acute Myocardial Infarction Essential Echocardiography, 2019, Pages 195-199.e1 Justina C. Wu Download PDF (1,397.000 KB) Abstract × Export ×			
Article type	Export -			

高级检索

案例: 在标题、文摘、 关键词中检索 "heart attack" AND "Myocardial infarction" AND "diabetes" AND NOT "cancer"

All of the fields are optional. Find out more about the new advanced search.	Find articles with these terms		
	In this journal or book title		Year(s)
	Author(s)		Author affiliation
	Title, abstract or keywords	在标题、文摘、关	
	"heart attack" A	ND "Myocardial in	nfarction" —
	AND "diabetes"	,u	
	Article types		
	Review articles	Correspondence	Patent reports
	Research articles	Data articles	Practice guidelines
	Encyclopedia	Discussion	Product reviews
	Book chapters	Editorials	Replication studies
	Conference abstracts	Errata	Short communications
	Book reviews	Examinations	Software publications
	Case reports	Mini reviews	☐ Video articles
	Conference info	News	Other
			Search Q

高级检索



ScienceDirect

Search Tips

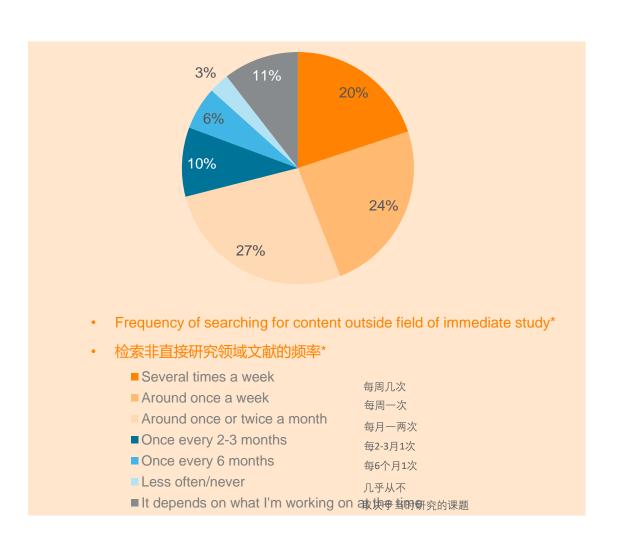
New Features

How to get published



We look at how users use content today and will want to use it in the future

- 为了创新,科研人员必须建立跨学科的 联系
- 全球有44%的科研人员每周至少有一次是在 搜寻非直接研究领域的内容
- 科研人员通过查看期刊文章、参考资料、 文献选集、图书以及在线资源,快速进 入不熟悉领域进行研究



We look at how users use content today and will want to use it in the future

试想:

如何我们在浏览一篇期刊文章时,遇到一个新概念或不熟悉概念,我们会怎么办?



Neuroscience

Volume 172, 13 January 2011, Pages 196-204



Cognitive, Behavioral, and Systems Neuroscience

A sex comparison of the anatomy and function of the main olfactory bulb-medial amygdala projection in mice

N. Kang^a, E.A. McCarthy^a, J.A. Cherry^b, M.J. Baum^a. ▲ . ■

■ Show more

http://dx.doi.org/10.1016/j.neuroscience.2010.11.003

Get rights and content

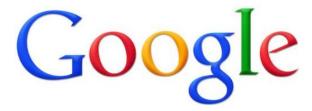
Abstract

We previously reported that some main olfactory bulb (MOB) mitral/tufted (M/T) cells send a direct projection to the "vomeronasa" amygdala in female mice and selectively respond to volatile male mouse urinary odors. We asked whether MOB M/T cells that project to the vomeronasal amygdala exist in male mice and whether there is a sexually dimorphic response of these neurons to volatile male urinary pheromones.

Gonadectomized male and female mice received bilateral injections of the retrograde

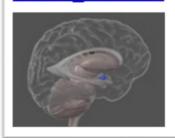
We look at how users use content today and will want to use it in the future











杏仁核(amygdala),又名杏仁体(amygdaloid body),位于前颞叶背内侧部, 海马体和侧脑室下角顶端稍前处。主要...

位置 结构 功能 研究分析 功能改善 baike baidu com/ ▼





The amygdala (/aˈmɪఠ̃dələ/; plural: amygdalae; also corpus amygdaloideum; Latin from Greek, ἀμυγδαλή, amygdale, 'Almond', 'tonsil' [1]) is one of two almondshaped groups of nuclei located deep and medially within the temporal lobes of the brain in complex vertebrates, including humans. [2] Shown in research to perform a primary role in the processing of memory, decision-making and emotional responses (including fear, anxiety, and aggression), the amygdalae are considered part of the limbic system. [3]

We look at how users use content today and will want to use it in the future



主题页面

Topics Page

https://www.sciencedirect.com/topics

(ABCDEFGHIJKLMNOPQRSTUVWXYZBΔKMΦ%(-12345)

- Amsterdam criteria
- Amusia
- AMY1A (Agricultural and Biological Sciences)
- AMY1A (Biochemistry, Genetics and Molecular Biology)

Amygdala (Agricultural and Biological Sciences)

Amygdala (Medicine and Dentistry)

Amygdala (Neuroscience)

Amygdala (Nursing and Health Professions)

Amygdala (Veterinary Science and Veterinary Medicine)

Amygdalin (Agricultural and Biological Sciences)

Amygdala

The amygdala is an almond-shaped structure located within the anterior portion of the temporal lobes, comprising a component of the limbic system and known to play a part in controlling emotion, motivation, and memory.

From: Social Anxiety (Third Edition), 2014

Related terms:

Hypothalamus, Dopamine, Brainstem, Hippocampus, Thalamus, Temporal Lobe, Basal Ganglia, Nucleus Accumbens, Striatum, Prefrontal Cortex

Amygdala

The amygdala (AMY) is a key brain region that regulates emotionality, aggression and affect-based learning and memory, such as fear conditioning.

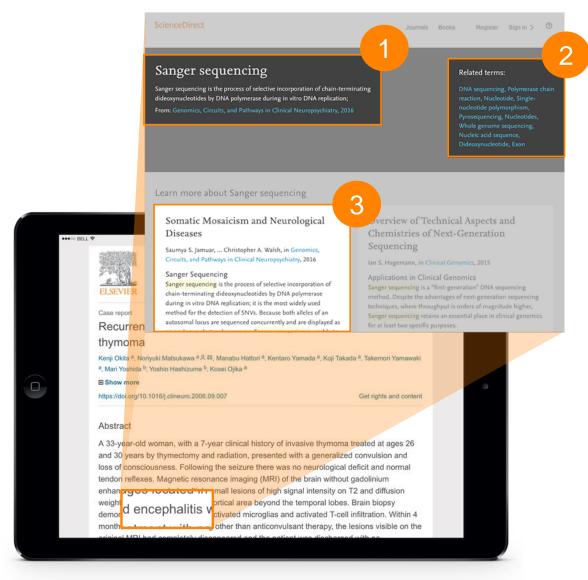
From: Handbook of Neuroendocrinology, 2012

Related terms:

Striatum, Dopamine, Hippocampus, Thalamus, Nucleus (neuroanatomy), Temporal lobe, Nucleus accumbens, Brainstem, Prefrontal cortex, Hypothalamus

主题页面

- 用分类法整合图书和期刊内容,链接概念和关联
- 通过机器学习和自然语言处理来理解上下文、含义、 相关性
- · 在全文文献中进行模式匹配,确认内容类型和"使用案例"
- · 创建全文"片段"的动态自由层,使文献更易被搜索引擎发现



*When a short definition is not available, the longer definition can be found in Book excerpts

主题页面

ScienceDirect

Books Journals

?

Back to previous page > Pyramidal tracts

Pyramidal tracts U



The pyramidal tract exits the cortex, and after passing the pyramids of the medulla, the majority of these fibers cross to the opposite side and descend in the corticospinal tract through the spinal cord (Figure 3). Some of the fibers that do not cross over in the medulla travel ipsilaterally down the cord and cross to the opposite side in the neck or upper thoracic region.

From: Reference Module in Biomedical Research, 2014

Related terms



RTMS. Motor area. Motor cortex. Motor neuron, Corticobulbar

Learn more about Pyramidal tracts



Spinal Tracts – Descending/Motor Pathways

Paul Rea, in Essential Clinical Anatomy of the Nervous System, 2015.

Pyramidal tracts

The pyramidal tracts are comprised of the corticospinal and corticobulbar tracts. These are called as pyramidal tracts as they crossover at the level of the pyramids in the medulla. They are collections of upper motor neuron fibers which go to the spinal cord (corticospinal) or the brainstem (corticobulbar) and control the motor function of the body.

The cortice chinal tractic comprised of a ventral and lateral tract

Spinal Cord

Gulgun Sengul, Charles Watson, in The Human Nervous System (Third Edition), 2012.

Corticospinal Tract

The corticospinal tract, also called the pyramidal tract because its fibers form the medullary pyramids, is found in all mammals with considerable variation between species. The dorsal corticospinal tract is the major corticospinal bundle, found in the dorsal column in rodents. In primates, it is highly developed and the major bundle is in the lateral column.

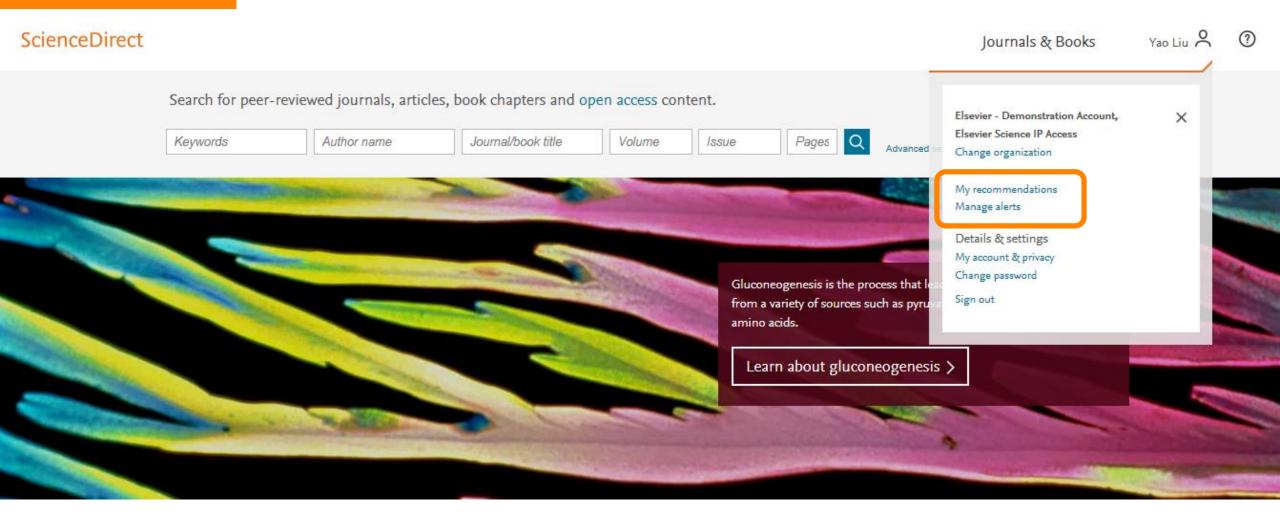
The fibers that give rise to the corticospinal tract in adult mammals arise from the neurons of the precentral gyrus and the pa-

- **Definitions extracted** from Elsevier books. 从爱思唯尔图书中提取的 定义
- Related terms with hyperlinks to explore. 链接到相关术语进行深入 探索
- Short extracts of the most relevant information that are often found deep within book chapters and links to the source books for further exploration. 摘录最相关的信息,从图书 章节中深度挖掘,并链接到 来源图书,以便做进一步的 研究
- 4. Discoverable through search engines and free to access. 可通过搜索引擎发现并免费 访问。

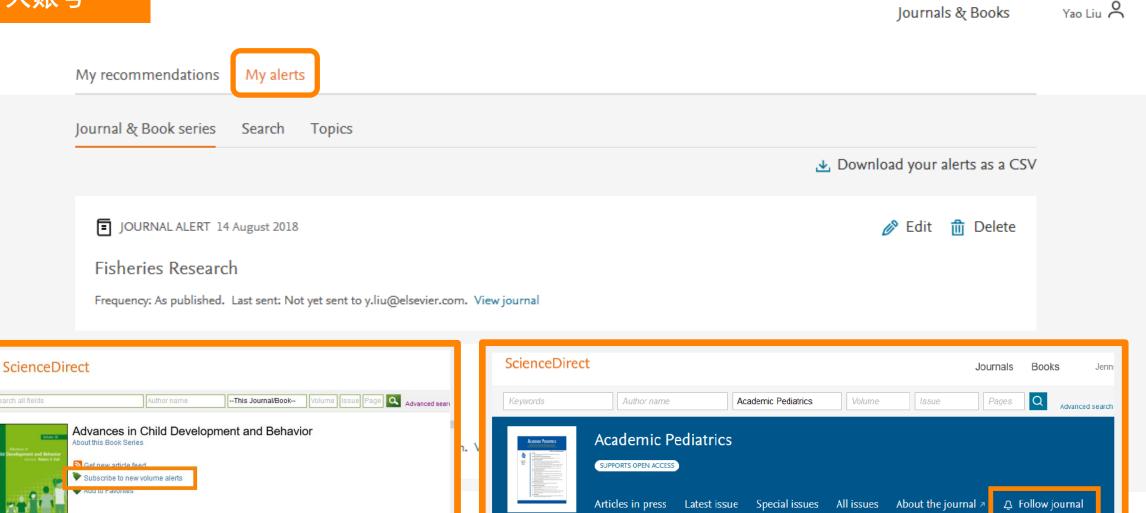
个人账号

ScienceDirect Journals & Books Register Sign in > Search for peer-reviewed journals, articles, book chapters and open access cor Create an account Keywords Journal/book title Volume Author name Sign in First name Family name Discover more with ScienceDirect Email Receive personalized recommendations based on your recent signed-in activity Create publication and search alerts Password Register for personalized features > By creating an account you agree with Elsevier website terms and conditions and Privacy Policy. Explore scientific, technical, and medical rese Create >

个人账号



个人账号



个人账号

Journals & Books

Yao Liu

My recommendations

My alerts

Full list

Preferences

About recommendations

Personalized recommendations based on your recent signed-in activity

Feasibility study on medical isotope production using a compact neutron generator

Original research article • Applied Radiation and Isotopes • Volume 137 • Pages 23-27 • July 2018 Ka-Ngo Leung, James K. Leung, Graeme Melville

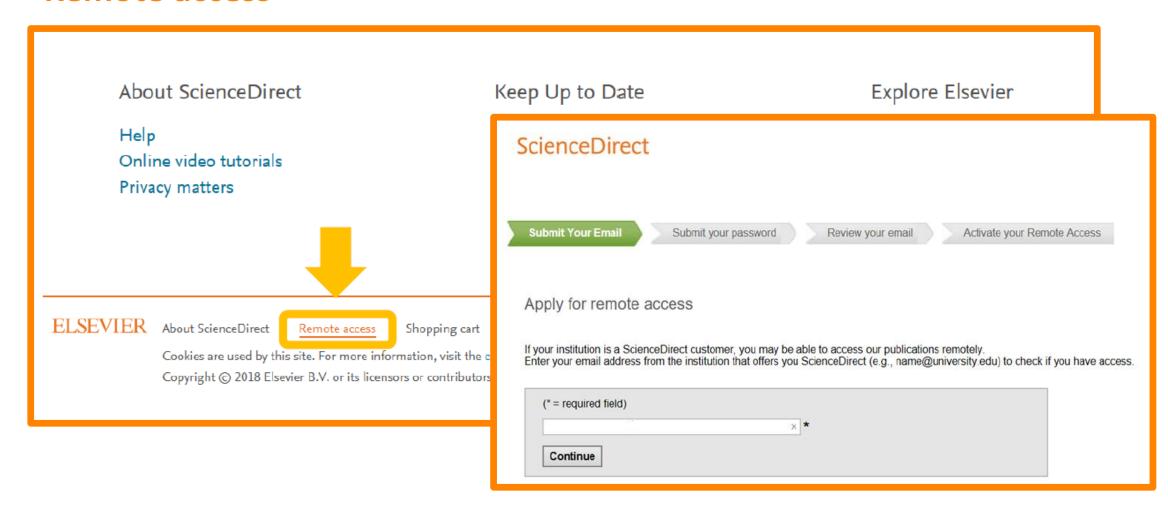
Taiwan's Quest for International Space: Ma's Legacy, Tsai's Options, China's Choices, and U.S. Policy

Original research article • Orbis • Volume 60, Issue 4 • Pages 550-574 • 2016 Jacques deLisle

Effect of nutrition, vitamin, grains, and temperature on the mycelium growth and antioxidant capacity of Cordyceps militaris (strains AG-1 and PSJ-1)

个人账号

Remote access



Questions & Answers

Thank you & Let's Stay in Touch!



Facebook /Elsevier.ScienceDirect





