

Gale资源中心系列

(Gale Resource Center)

2019 CALIS Gale数据库培训会





Gale 介绍

LEARNING







Gale成立于1954年,以其精确的、 权威的参考工具书和完整的全球原 始历史档案闻名于世。

Gale创建并提供了600多个在线数据库,为读者提供精确、权威的在线参考文献、期刊、杂志和电子书。



今日内容







World History in Context (世界历史资源中心)



Business Insights: Global (商业资源中心:增强版)



GREENR(Global Reference on the Environment, Energy, and Natural Resources)
(环境、能源及自然资源参考数据库)

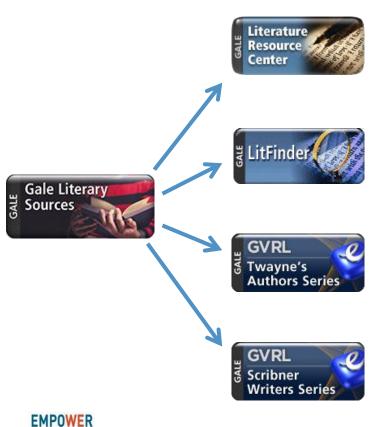




Gale Literary Sources Gale文学资源



内容组成



文学资源中心

Gale文学旗舰产品,文学辅助参考资源 的在线综合解决方案

LitFinder数据库

收录文学作品全文

Twayne 作家系列电子参考书

Scribner 作家系列电子参考书







Gale文学资源中心(LRC)

传记:

- 来自Gale 知名的系列丛书如《当代作家》、《文学传记词典》等
- 总共超过155,000位世界范围内的、跨时代的作家的传记和书目
- 11,000多份当代作家的采访资料
- 2500多张作家图片和肖像





文学评论:

- 选自,超过85,000篇文学评论文章(CLC, TCLC, NCLC, CMLCGale集团出版的众多著名文学评论系列参考书, etc.) ---独家版权
- 来自于488份全球全文期刊的丰富信息,包括文学、语言学、作家介绍等期刊,提供超过 1,700,000篇文章





Gale文学资源中心(LRC)

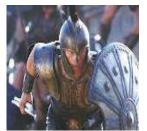
其他补充资源:

- 超过7,000篇作品/人物的概述, 注解, 分析, 评论
- 超过78,000篇书评、戏评及影评
- 3,000多个链接到 National Public Radio (NPR) 的多媒体影像资料
- 可链接至12,900个经过专家严格挑选的文学和作家的相关站点
- 43,000篇当代诗歌、短片小说和戏剧全文
- 超过10.000条文学术语定义,来自《韦氏文学大百科全书》



















LitFinder数据库

- LitFinder收录知名文学、历史和文化重要人物以及新生代作家的原著作品,例如短篇小说、诗歌、戏剧、小说、演讲和文集
- 涵盖全球各个历史时期的超过80,000名作家其中包含30,000名女性作家的作品
- 收录超过 150,000 篇全文诗歌10,100篇短篇故事及小说, 2,000 全文演讲稿件等, 800,000 诗歌引文及摘录,
- 该数据库还包括诸如生平、图片等资料





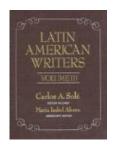
电子参考书——Scribner & Twayne作家系列



该系列提供世界上各个时代有影响力的作家的生平、著作的签字传记和评论文章。内容包括背景资料,评论文章、引文、传记信息。方便使用者将该作者的作品放在个人和历史背景下,通过对其评论的多角度审视进行研究



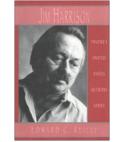






该系列书籍深入的介绍了作家的生活和作品以及其所生活的时代背景。同时也提供了文学运动的历史和影响的评论,以及文

学体裁的发展。





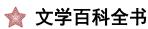


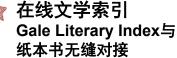


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检索方式:

- > 基本检索
- ▶ 高级检索
- > 个人检索
- ▶ 作品检索







- ▶ 话题查找器
- ▶ 术语检索频率





什么是 Gale Literary Sources?

Gale Literary Sources 借助丰富的研究经验,将 Gale 的一流文学数据库汇总整合到一个新的数字环境中,让研究人员、教职员和学生们都能在这些资源中进行检索,以一种全新的方式发现和分析内容。没有其他出版商能够提供这种无可匹敌的独特丰富的文学内容。可靠元数据和直观主题索引的组合。这些内容都通过各种功能和设计加以丰富,从而为文学研究注入了新的活力。 Gale 通过 Gale Literary Sources 提供其他文学资源,因此,如果您的图书馆能够访 华井 在、工力 台。







为检索结果绘制图表,以查看一个或多个术语在某个时内的趋势。







基本检索

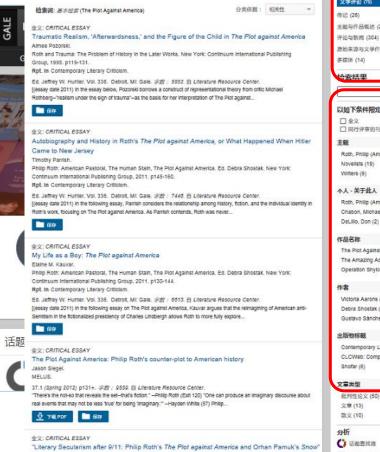


🡚 检索结果按内容类 型分类:

- ▶ 文学评论
- ▶ 传记
- ▶ 主题与作品概述
- ▶ 评论与新闻
- 原始来源与文学作品
- 多媒体

通过二次检索更精 ★ 准定位





文学评论 (79)





文档类型

< Search Results >

纽瓦克市

作家基本介绍: 出生地、国籍、 职业等

Philip Roth

Born: March 19, 1933 in Newark, New Jersey, United States **Died:** May 22, 2018 in New York, New York, United States

Other Names: Roth, Philip Milton

Nationality: American Occupation: Novelist

Contemporary Authors Online. Detroit, MI: Gale, 2018. From Literature Resource Center.

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Updated: May 23, 2018

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PERSONAL INFORMATION:

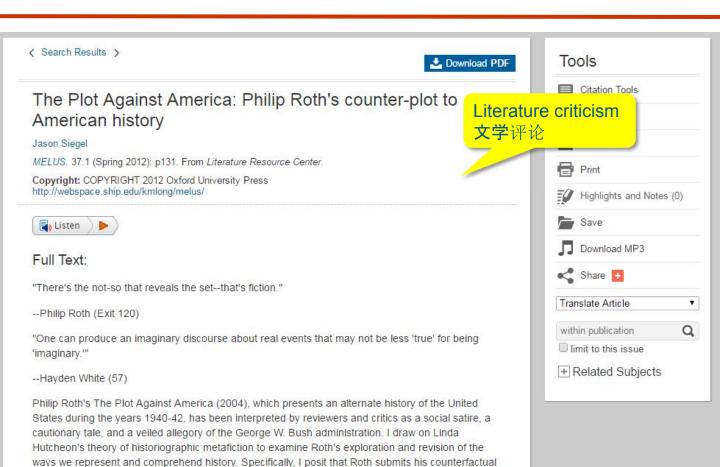
Born March 19, 1933, in Newark, NJ; died May 22, 2018, in New York, NY; son of Herman (an insurance manager) and Bess Roth; married Margaret Martinson, February 22, 1959 (divorced, 1963; deceased, 1968); married Claire Bloom, April 29, 1990 (divorced, June, 1995). **Education:** Attended Rutgers University, Newark, 1950-51; Bucknell University, A.B., 1954; University of Chicago, M.A., 1955, additional study, 1956-57. **Military/Wartime Service:** U.S. Army, 1955-56. **Memberships:** American Academy of Arts and Letters, Phi Beta Kappa.







文档类型



history, not as a tendentious fictional commentary on "real life," but as a true history that challenges

文档类型



change station?

news

arts & life

music

programs







SPECIAL SERIES simon says



On The 70th Anniversary Of D-Day, A Look At What Could Have Been

2:49

+ Queue

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Transcript





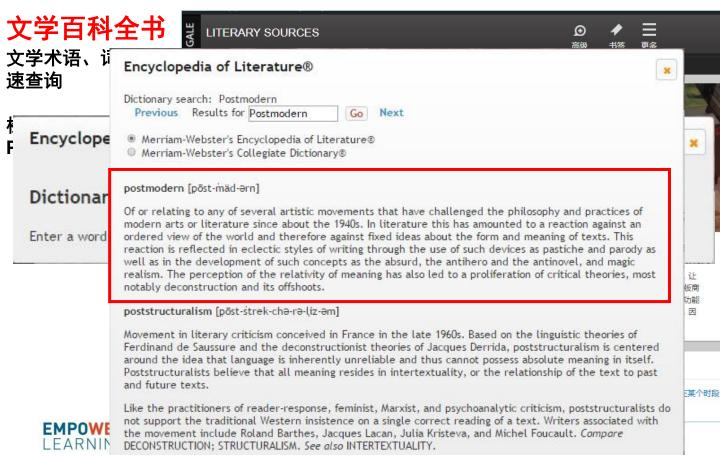
June 7, 2014 · 8:14 AM ET Commentary heard on Weekend Edition Saturday



SCOTT SIMON









个人检索



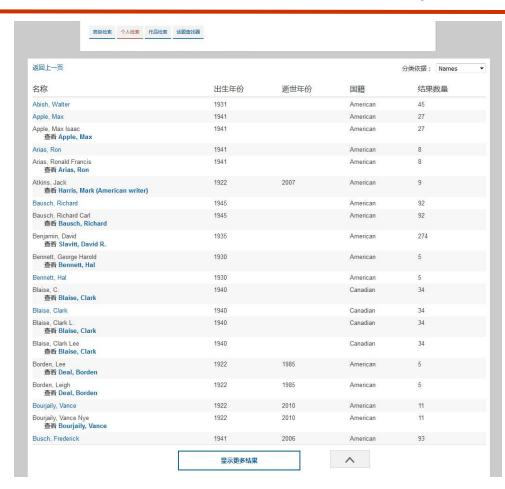
输入作家名字查找:



限定人物查询条件:

- ▶性别
- ▶国籍
- ▶ 种族
- ➤职业
- > 文学运动
- ▶流派
- ▶主题
- ▶ 生卒地点
- ▶生卒日期
- ▶世纪







话题查找器

查看检索结果

the plot against america 检查词: the plot against america



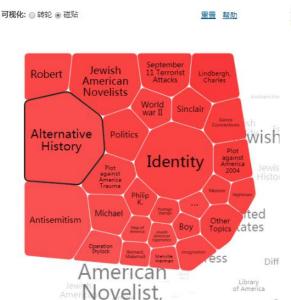
建立新关联:

通过显示与关键词相 关联的其它主题,揭 示隐藏的关联,帮助 用户充分拓展自己的 研究课题。



呈现方式:

- ▶ 转轮
- ➤ 磁贴



有两种方法来直观显示下面哪些词和主题在检索结果的文本中最终常出现。

检索

结果

单击主题转轮或磁贴可将原始搜索结果缩小到也包含该主题或词条的文章。

以下主题的检索结果: Alternative History (19)

1 Alt-Newt

The branch of fiction known variously as alternate history Alternative History or to its geekier fans althist can be awesome fun its defining gimmickset the wayback machine tweak something in the historical... [Gingrich, Newt] [Presidential candidates]

'Underground Airlines' Is An Extraordinary Work Of Alternate History

To listen to this broadcast click here This is FRESH AIR Ben H Winters is a writer whose work has spanned different genres His 2012 book The Last Policeman won an Edgar Award from the Mystery Writers of America... [Underground Airlines (Novel)] [Winters, Ben H.]

 Introduction to History, Memory, and the Making of Character in Roth's fiction







术语检索词频

《显示检索词一段时 间内出现频率

★ 可输入单一检索词 或比较多个检索词

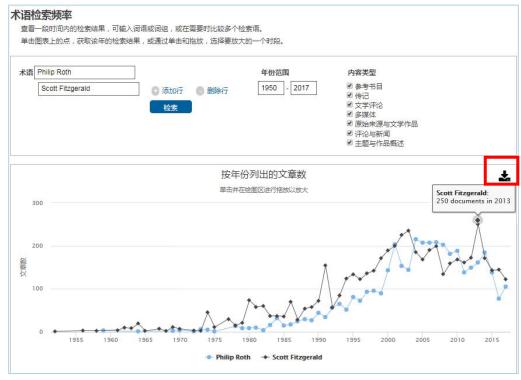
★ 単击图标上的点,

获取该年的检索结

☆ 果

词频数据可打印或

导出图表





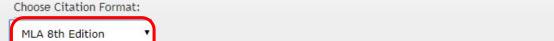




文内实用工具-引文工具

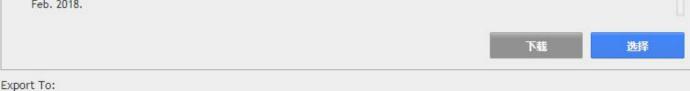


引文工具



MLA 8th Edition

APA 6th Edition inst America: Philip Roth's counter-plot to American history." MELUS, vol. 37, no. 1, 2012, p. 131+. Chicago 17th Edition nter, http://link.galegroup.com/apps/doc/A285089658/GLS?u=tlcn&sid=GLS&xid=a81ce7db, Accessed 28 Feb. 2018.



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> 相应机构提出的最新引文标准进行了格式化、这些引文提供了所引用文章的出版数据、仅应用作向导、不能作为最新 代您的导师所要求的书目。

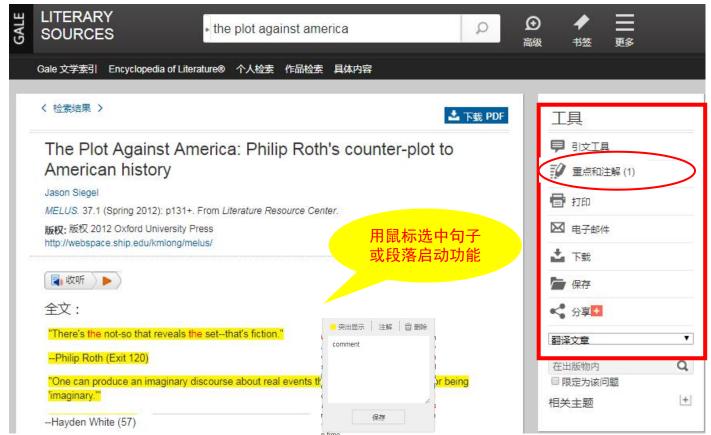
Reference Manager maginary discourse about real events that may not be less 'true' for being

□ 限定为该问题 相关主题

+

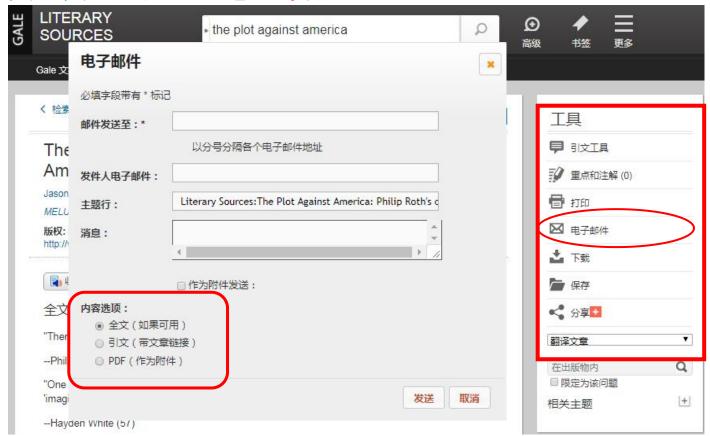


文内实用工具——重点和注释





文内实用工具——电子邮件





'imaginary.""

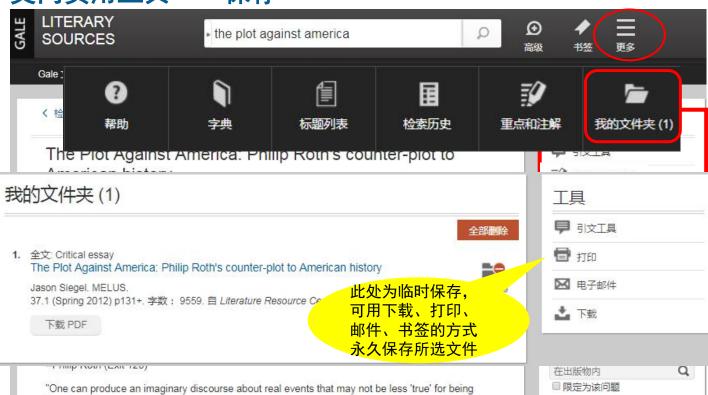
-- Hayden White (57)

Gale文学资源统一检索平台 (GLS)

+

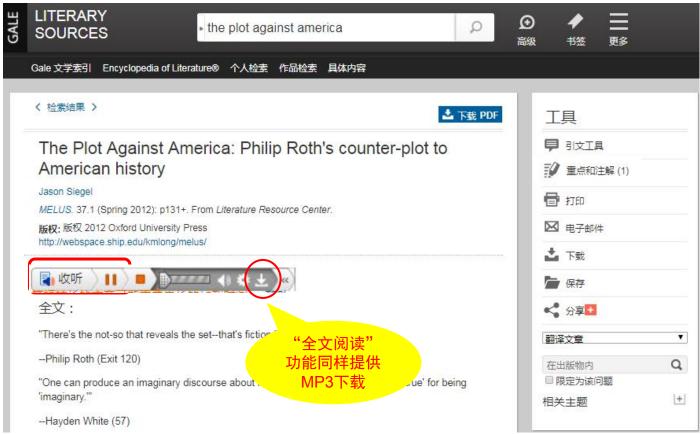
相关主题

文内实用工具——保存





文内实用工具——全文阅读



World History in Context 世界历史资源中心





- 包含Gale出版的140多套著名历史参考工具书,如:《Encyclopedia of European Social History》、《Gale Encyclopedia of World History》、 《Encyclopedia of Modern Asia》、《Encyclopedia of Modern China》等
- 来自于Macmillan Reference USA, Charles Scribner's Sons 以及其它经典历史 文献和汇编的2,000多份参考文献文章
- 来自1,500 多种学术期刊、报纸、年鉴、专著的丰富资料
- 来自于Primary Source Microfilm 2,200多篇历史原始文献
- 围绕历史事件的历史人物介绍,包括71,000 多篇历史传记
- 超过2,000份经耶鲁大学的权威专家精心挑选的历史地图、地图集及插图
- 来自于新闻短片和NPR的音视频资料







首页



专题主题

Atomic Bomb

President Barack Obama embraces survivor Shigeaki Mori on the first official U.S. presidential visit to Hiroshima since the dropping of the atomic bomb in 1945.

探究此主题



专题

	浏览所有主题
Biographies 全額	章音 Countries, Cultures, and Civilizations 全部查表
Albert Einstein	Byzantine Empire
Nelson Mandela	Germany after Reunification
William the Conqueror	Sparta
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United Nations	Judaism
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Wars and Conflicts 全部	查看
Boer War	
Israeli-Arab Conflict	
Samuel Shill Was	

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主题

Judaism





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品 相关主题

death and life:...

: (Apr. 2017) 字数: 12253. 阅读级别

y New York City, members of the Classical El led lives of splendor. (1) They lived in stately an and worshipped at their cathedral-like, jewel-

ticism: converts from...

(: 12059. 阅读级别 (Lexile): 1690.

Judaism in the imperial Russian provinces nd friends for communal betrayal. Brought to life kolai Kornilovich Pimonenko's painting

omy of Day Schools : (Jan. 2018) 字数: 10793. 阅读级别 (Lexile):

distinct phenomena, lewish education and thare in the education of American Jews. To talk

★ 特色内容 3

ludaism

Encyclopaedia Judaica. 2nd € IUDAISM, the religion, philoso ludaism is first found among C.E. (Judaismes, see II Macc. 2

Anti-Semitism

International Encyclopedia o 1699.

Is anti-Semitism a new name phenomenon? It is a recent n attributed to Swiss radical Wi one of the curious features...

Judaism Update

Gale World History in Contex

The oldest of the three mono Old Testament, Together with there are also texts that reco



about one is to reveal implicit truths about the other. As long as



A A

文章浏

览及工

具使用

Home > Browse Topics > Judaism > Document

Judaism Update

Gale World History in Context, 2017.

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全文:

Introduction

The oldest of the three monotheistic religions, Judaism, is founded on the Old Testament. Together with the law set down in the Hebrew scriptures, there are also texts that record oral traditions passed down from the time of Moses, additional law codes, and rabbinical commentaries.

The theological basis of Judaism is governed by the concept of one God, just and good, and the struggle between Divine plan and Man's will. When Man defies God's will, the subsequent punishment is reflected in humanity's imperfect condition; however, reconciliation is possible through repenting, and God will ultimately restore that perfection. Judaism also has a rich intellectual and philosophical tradition, involving questions and conundrums arising from balancing rational thinking and the laws of nature with the teachings of the Scriptures and the principle of God as the source of all truth.

Three schools of Judaism developed in the nineteenth century: Reform Judaism, Conservative Judaism, and Orthodox Judaism, each adopting certain elements of traditional Judaism. Reform Judaism recognizes the legitimacy of change and translates that belief into changes in doctrine, liturgy, and a way of Jewish life. Orthodox Judaism, stringent and generally inflexible in its adherence to the "letter of the law," does not accept the legitimacy









蓝思分级

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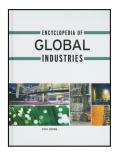




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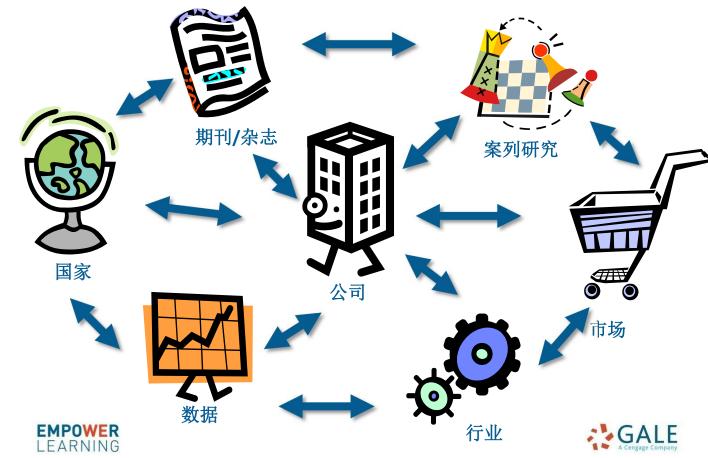
BUSINESS INSIGHTS: GLOBAL

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查看具体内容 >

提供解读全球商业环境所需的工具。









检索案例: Walmart 沃尔玛

Walmart

公司主题页面



公司关键信息:

- ▶ 总收入
- ▶ 员工数量
- ▶ 人均销售额
- ▶ 创立年份
- ▶ 创立地点



竞争对手:



行业



公司信息相关链接

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Wal-Mart Stores Inc.

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Trade Journals

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宙计师

Company Information:

Academic Journals

品牌

案例研究

公司历史

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Trade Journals





检索案例:

Walmart 沃尔玛

财务基本面

- ▶ 损益表
- ▶ 资产负债表
- 现金流
- ▶ 比率分析

损益表 资产负债表 现金流 比率分析 Export 💌 Income Statement **Balance Sheet** Cash Flow Ratios Compare to specific Compare to prior periods Compare to major competitors companies Reporting Basis Period Annual Last 4 Update View Income Statement-Annual-Standardized in Millions of USD Fiscal Period: 2018 2017 2016 2015 Period End Date: 2018-01-31 2017-01-31 2016-01-31 2015-01-31 Period Length: 12 Months 12 Months 12 Months 12 Months **Update Type:** Updated Normal Updated Normal Updated Normal Updated Normal Update Date: 2018-01-31 2017-01-31 2016-01-31 2015-01-31 Source: 8-K 10-K 10-K 10-K Source Date: 2018-02-20 2017-03-31 2016-03-30 2015-04-01 Original Announcement Date: 2018-02-20T17:00:00 2017-02-21T12:02:00 2016-02-18T17:00:00 2015-02-19T13:32:00 Complete Statement: Complete Complete Complete Complete Flash Update: Yes No No No Consolidated: Yes Yes Yes Yes Auditor Code: EY EY EY Net Sales 500343.0 485873.0 482130.0 485651.0 Gross Revenue Sales Returns and Allowances Excise Tax Receipts Revenue 500343.0 485873.0 482130.0 485651.0 Interest Income, Non-Bank Other Revenue Other Revenue, Total Total Revenue 500343.0 485873.0 482130.0 485651.0 Cost of Revenue 373396.0 361256.0 360984.0 365086.0 Excise Taxes Payments Cost of Revenue, Total 373396.0 361256.0 360984.0 365086.0 **Gross Profit** 126947.0 124617.0 121146.0 120565.0 Selling/General/Administrative Expense 106510.0 101257 0 96593.0 92956 0 596.0 Labor & Related Expense 448.0 462.0 Advertising Expense Selling/General/Admin. Expenses, Total 106510.0 101853.0 97041.0 93418.0



Research & Development





检索案例:

Walmart 沃尔玛

金融基本面

- ▶ 市场
- ▶ 股票
- ▶ 基金
- ▶ 板块

EMPOWER LEARNING

商业资源中心:增强版

市场 股票 基金 板块

公司和市场上的 股票表现及新闻



▼ News

Wal-Mart Stores, Inc. (NY: WMT)

▼ Quote

88.18 USD - UNCHANGED

View:

Official Closing Price / Updated: 8:04 PM EDT, Mar 21, 2018 / Add to My Watchlist



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March 21, 2018

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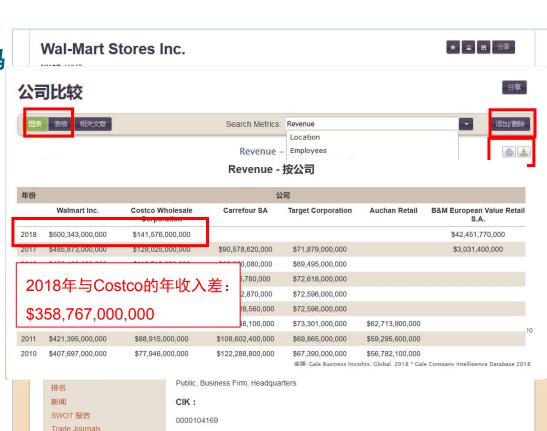
检索案例:

Walmart 沃尔玛

竞争对手比较

- ▶ 可对比员工 / 收入 / 销售额
- ▶ 以图表 / 表格
 - 呈现
- ▶ 可增加 / 删除
 公司
- > 可下载打印





审计师:

GREENR

(Global Reference on the Environment, Energy, and Natural Resources) 环境、能源及自然资源参考数据库





主题





















涉及内容:

- > 能源问题
- > 气候变化
- > 环境污染
- > 经济贸易
- > 资源管理
- 人口与经济发展
- > 人类健康
- > 农业问题等领域

资源类型:

- > 学术期刊
- ▶ 新闻
- 独家评论
- ▶ 音视频
- ▶ 原始资料
- ▶ 图像
- > 会议报告
- ▶ 统计数据
- ▶ 法律法规
- ➤ 案例分析
- 网站和博客等





- ▶包含1,000多种与环境、能源等有关的期刊、报纸和杂志,其中900多种全文期刊,300多种同行评审期刊,最早回溯至1965年;
- ▶50多套由Gale出版社的权威参考工具书, 《Climate Change: In Context》、 《Environmental Science: In Context》、《Encyclopedia of Environmental Ethics and Philosophy》、《Encyclopedia of Population》、《Macmillan Encyclopedia of Energy》等;
- ▶来自全球企业和政府所作环保工作成就的数千个案例研究;
- ➤近数千个视频资料,来源于NBC Nightly News、AP Video、Today Show、Nature等;另外,还包含来自Sky News Agenda和NPR的38,000多种音频资料;
- ▶20,000多种会议演讲、笔记和报告等资料;
- ▶对所有资源进行逻辑分类,列出约200多个与环境有关的议题,方便进行直接阅览;
- ▶覆盖190多个国家和地区以及组织与环境问题有关的各方面信息;
- ▶来自15个国际相关组织如The Center for International Environmental Law (国际环境法中心)、Greenpeace ("绿色和平"组织)、Intergovernmental Panel on Climate Change (IPCC) (联合国政府间气候变化专门委员会)的总体看法和观点并且能直接链接到这些国际协会;







BASIC SEARCH: ADVANCED SEARCH

检索方式

主题浏览







· Organic Agriculture and

Organic Foods

. Carbon Markets

- United Nations Development

Programme

· Indicators and

. Nuclear Energy

· Oceans and Seas

Drought
 United Nations Climate

Change Conference

· Community Planning and

Building Design

Development

Sustainable

Coal Energy

Wind Energy

- · Food Security Sustainable Agriculture
 - · United Nations Climate Change Conference International Agreements

. Land and Soil Pollution Gulf of Mexico Oil Spill

· F.Waste

· Foreste and

Monitoring

Deforestation

 Natural Disasters · Indicators and

· Leadership in Energy

and Environmental

Green Engineering

· Community-Based

Conservation

Empowerment

Lifestyles

Design







Canada / Green Interview

Andrew Nikiforuk: The Petro-State of

精选视频

Advanced Search

hazard and impact of sea level rise in the Lesser Antilles case Hazards and Earth System Sciences, Sep 18, 2017.

Patient-centered boundary mech.

权威案例研究

Academic Journals and News

SEARCH WORLD NEWS

Ecology, Environment & Conservation · Investigators from Centers for Disease

Control and Prevention Target Environmental Water Research (Pool water quality and prevalence of microhes in filter backwash from metro Atlanta swimming pools), (Mar 23, 2018) Data from Central South University Advance Knowledge in Sustainability Research (Optimal Coordination Strategy of Regional Vertical Emission Abatement Collaboration in a Low-Carbon Environment), (Mar 23, 2018) Data from National Taiwan Normal University Advance Knowledge in Ecosphere Research (Resistance and resilience of social-ecological systems to recurrent typhoon disturbance on a

- subtropical island: Taiwan). (Mar 23, - Data from University of Trieste Advance Knowledge in Sustainability Research (Towards Sustainable H-2 Production: Rational Design of Hydrophobic Triphenylamine-based Dyes for
- Sensitized Ethanol Photoreforming).

Environmental Health

Journal of Environmental Health - Gone Starfishin', (Apr 1, 2018) Rapid Identification of a Cooling Tower-Associated Legionnaires' Disease

Outbreak Supported by Polymerase Chain Reaction Testing of Environme Samples, New York City, 2014-2015. (A Relationship Between Priority Violation

Foodborne Illness, and Patron Complaints in Washington, DC. Restaurants (2013-2015). (Apr 1, 2018 Organizational Characteristics of Loca Health Departments and Environmenta Health Services and Activities. (Apr 1

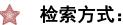
Environmental Law

- · FISH AND WILDLIFE MANAGEMENT ON FEDERAL LANDS: DEBUNKING STATE SUPREMACY, (Sen 22 201 CASE SUMMARIES. (Sep 22, 2017)
- CLIMATE CHANGE AND THE PSD PROGRAM: USING BACT TO COMBAT THE INCUMBENCY OF FOSSIL FUELS.
- · A CHRONIC PROBLEM: PRITZKER AND THE NOAA ROADMAP'S DEFICIENCIES
- Journal of Coastal Research · Beach near the fisherman's village of Katwiik North Sea coast The Netherlands, (Mar 1 2018)
- Millennial Scale Development of a Southeastern United States Spit. (Mar 1
- Efficiency of the Chinese Ocean Economy within a Governance Framework Using an Improved Malmquist-Luenberger Index. (Har:

- A Geospatial Approach to Managing Coastal Access in KwaZulu Natal, South Mrica. (Mar 1, 2018)

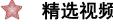
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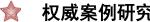




- > 基本检索

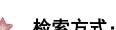


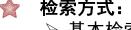




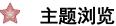


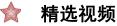


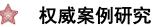




▶ 高级检索











Global Environment Watch: Biodiversity

New York

Newfoundland and Labrador

Non-Market Valuation

Northwest Territories

North Carolina

North Dakota

Nova Scotia

Nuclear Energy

Nuclear Waste

Nutrition/Diets

Oceans and Seas

Ozone Depletion

Organic Agriculture and Organic Foods

Nunavut

Ohio

Oklahoma

Ontario

Oregon

Peak Oil

Pennsylvania

Pest Management

主题浏览



主题按字母顺序排列



主题涉及以下10类:

- > 环境与生态
- 科技
- 农业和食品系统
- 法律和政治
- ▶ 经济贸易
- ▶ 污染
- ▶ 能源
- > 资源管理
- ▶ 自然人文
- ▶ 社会因素



Access to Healthcare

Antarctica

Aquifers

Arizona

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Acid Rain Global Environment Watch: Climate Change

Activism Global Environment Watch: Ecological Economics Adaptive Management

Global Environment Watch: Ecosystem Agenda 21 Services

Agrarianism Global Environment Watch: Renewable Energy Air Pollution

Global Environment Watch: Water Alabama Global Environmental Ethics Watch Alaska

Global Environmental Ethics Watch: Animal Alberta Welfare

Alternative Progress Indicators Global Environmental Ethics Watch: Deep Animal Welfare

Global Environmental Ethics Watch: **Ecofeminism** Aquaculture Global Environmental Ethics Watch:

Environmental Economics Arctic Circle Global Environmental Ethics Watch:

Environmental Justice Arkansas Global Environmental Ethics Watch: Food Overpopulation **Ethics**

Global Geoscience Watch

Arts and Design Global Environmental Ethics Watch: Religion Biocentrism

Global Environmental Ethics Watch: The Biodiversity Land Ethic **Biofuel Energy**

Biosecurity Petroleum Energy Global Geoscience Watch: Geography Policy and Planning Biotechnology Global Geoscience Watch: Geology



检索案例: Nuclear Energy 核能源



Environment Energy and Natural

Nuclear Energy

OVERVIEW

When the nucleus of an atom is divided or joined to another nucleus, an enormous amount of energy is produced. When these processes of fission (division of the nucleus of an atom) or fusion (joining the nucleus of an atom with another) take place under controlled conditions, this energy can be used to drive turbines that can do work: for example, to propel a large vehicle such as a ship or to generate electricity. These same processes, however, can be adapted to produce weapons with massive destructive power. Nonmilitary uses of nuclear power refer to the generation of energy through a controlled process of fission in a nuclear reactor.

According to figures of the Power Reactor Information System (PRIS) of the International Atomic Energy Agency (IAEA), an independent international organization that was established in 1957 to promote the safety and security of the peaceful use of nuclear science and ... VIEW FULL OVERVIEW.

Academic Journals

VIEW ALL 1,166 »

ARTICLE

Predictions of UAE's renewable energy mix in 2030.

Zafar Said, Abdulla A Alshehhi, et al. Renewable Energy. April 2018.

Evaluation of sediment and .sup.137Cs redistribution in the Oginosawa River catchment near the Fukushima Dai-ichi Nuclear Power Plant using integrated watershed modeling.

> Kazuyuki Sakuma, Alex Malins, et al. Journal of Environmental Radioactivity, Feb 2018.

Extraction and quantification system for environmental radioxenon sample analysis.

M. Sabzian, M.N. Nasrabadi, et al. Journal of Environmental Radioactivity, Feb 2018.

OOLS





Case Studies

VIEW ALL 121 >>

The Fukushima Nuclear Disaster: Implications for Nuclear Power Safety Cochran, Thomas, McKinzie B, et al.

New Nuclear Power Plants Are Unlikely to Provide a Significant Fraction of Future U.S. Needs for Low-Carbon Energy

Topic #25: Nuclear Power

Podcasts

Blogs

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Big Business Pushes Coal-Friendly Kentucky To Embrace Renewables.

Morning Edition, April 17, 2017.
Climate change is fueling a second chance for nuclear

power.

PRI's The World, Jan 11, 2017.

PRIS The World, Jan 11, 2017.

Waste, Families Left Behind As Nuclear Plants Close. NPR: Economy, Oct 24, 2016.

Websites and VIEW ALL 60 >>

1st International Conference on Nuclear Power Plants, Environment and Sustainable Development Atomic Energy of Canada, Ltd.

REPORT

OILI



检索案例: Nuclear Energy 核能源

主题概述文章

▶ 来源:

《环境伦理与哲学百科全书》

▶ 内容包含:

全球核能概况、核能优缺点、 核能的军事背景、关于核能 的辩论、核能与决策理论等



SHARE.

When the nucleus of an atom is divided or joined to another nucleus, an enormous amount of energy is produced. When these processes of fission (division of the nucleus of an atom) or fusion (joining the nucleus of an atom with another) take place under controlled conditions, this energy can be used to drive turbines that can do work: for example, to propel a large vehicle such as a ship or to generate electricity. These same

processes, however, can be adapted to produce weapons with massive destructive power. Nonmilitary uses of *nuclear power* refer to the generation of energy through a controlled process of fission in a nuclear reactor.

NUCLEAR POWER THROUGHOUT THE WORLD

According to figures of the Power Reactor Information System (PRIS) of the International Atomic Energy Agency (IAEA), an independent international organization that was established in 1957 to promote the safety and security of the peaceful use of nuclear science and technology, there were at the beginning of 2008 a total of 439 nuclear power plants in operation in the world in 30 countries, with a total net installed capacity of 372,202 Gigawatts. At this time, there were also five nuclear power plants in long term shutdown, whilst 34 nuclear power plants were under construction (IAEA 2008). At the end of 2006, there were 103 licensed nuclear power plants in the United States located at 65 sites, predominantly situated in the eastern half of the country. As of 2008, about 20 percent of the electricity used in the United States is generated by nuclear reactors, placing nuclear power second to electricity generated by coal (IAEA 2003a: 7–9; IAEA 2007a). In comparison, over 78 percent of the domestic energy production in France comes from its 59 nuclear reactors (IAEA 2007a). Other countries with relatively large numbers of nuclear reactors include Japan (with 55 operational nuclear reactors that generate 30 percent of its electricity), Russia (with 31 reactors that generate about 16 percent of its electricity), South Korea (with 20 reactors that generate about 39 percent of its electricity), the United Kingdom (with 19 reactors that generate just over 18 percent of its electricity), and Ukraine (with 15 reactors that generate 47.5 percent of its electricity) (IAEA 2007a).

In its Annual Report 2006, the IAEA (2007b: 3)points out that about three-quarters of the world's operating nuclear reactors are 20 or more years old. Since the life span of a nuclear reactor is between 20 and 40 years, depending on the type of technology and design used, it can be expected that decisions about decommissioning a large number of nuclear plants, as well as investing large sums of money to replace these reactors will have to be made over the next two decades. The British government already announced in January 2008 that up to 10 new nuclear reactors will have to be built in the United Kingdom by 2020 in order to replace those that need to be decommissioned. Similarly, Russia announced in March 2008 that it will put four new nuclear reactors into operation by 2020.





检索案例: Nuclear Energy 核能源

学术期刊

《韩国蔚珍核电厂意外释 放放射性核素的应急准备》

> 来源:

《环境放射性杂志》

▶ 内容包含:

建立了应急反应模型、模型的重要意义、数据库可有效地用于应急准备工作等。





- Highlights
- * An emergency response model for radionuclides is developed.

Emergency response modeling; Effective radiation dose

- * Lagrangian Particle Dispersion Model is useful for the emergency preparedness.
- * Eulerian Dispersion Model is useful for the long-range transport of radionuclides.
- * The dispersion data base for 72 synaptic cases in a year was archived by LPDM.
- * The data base could be used effectively for the on-time emergency preparedness.

Abstract

Site specific radionuclide dispersion databases were archived for the emergency response to the hypothetical releases of .sup.137Cs from the Uljin nuclear power plant in Korea. These databases were obtained with the horizontal resolution of 1.5 km in the local domain centered the power plant site by simulations of the Lagrangian Particle Dispersion Model (LPDM) with the Unified Model (UM)--Local Data Assimilation Prediction System (LDAPS). The Eulerian Dispersion Model-East Asia (EDM-EA) with the UM--Global Data Assimilation Prediction System (UM-GDAPS) meteorological models was used to get dispersion databases in the regional domain. The LPDM model was performed for a year with a 5-day interval yielding 72 synoptic time-scale cases in a year.



检索案例: Nuclear Energy 核能源

权威案例分析

核武器扩散案例研究

> 来源:

世界核协会

▶ 内容包含:

分析朝鲜、伊朗、伊拉克、以色列、叙利亚等 国核武器问题

EMPOWER LEARNING

Nuclear Proliferation Case Studies

World Nuclear Association, 2010.

WORLD NUCLEAR

Nuclear Proliferation Case Studies

Appendix to Safeguards to Prevent Nuclear Proliferation

(Updated August 2017)

- North Korea made weapons-grade plutonium using a research reactor and a reprocessing plant in defiance of its NPT obligations. In 2006, 2009, 2013 and 2016 it exploded five nuclear devices.
- In 2002 Iran's previously undeclared nuclear facilities became the subject of IAEA inquiry, which established
 that it appeared to be in violation of its NPT safeguards agreement. It continued uranium enrichment in
 defiance of the UN Security Council.
- Iraq to 1991 attempted to enrich indigenous uranium to weapons-grade material, in violation of NPT and safeguards obligations.
- · Syria constructed a nuclear reactor in breach of its NPT obligations.

Background

Up to the late 1980s it was generally assumed that any undeclared nuclear activities would have to be based on the diversion of nuclear material from safeguards. States acknowledged the possibility of nuclear activities entirely separate from those covered by safeguards, but it was assumed they would be detected by national intelligence activities. There was no particular effort requiring the IAEA to attempt to detect them.

Not until the 1990 NPT Review Conference did some states raise the possibility of making more use of the provisions for "special inspections" in existing NPT Safeguards Agreements, for example. Special inspections can be undertaken at locations other than those where safeguards routinely apply, if there is reason to believe there may be undeclared material or activities.

However, inspections in Iraq following the 1991 UN Gulf War cease-fire resolution showed the extent of Iraq's clandestine nuclear weapons program, and it became clear that the IAEA would have to broaden the scope of its



检索案例: Nuclear Energy 核能源

数据图表

2012年世界核能发电

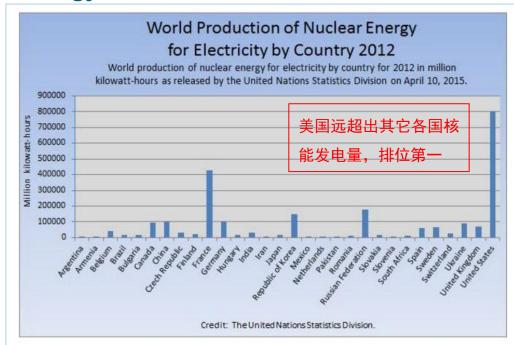
> 来源:

联合国统计司

▶ 内容包含:

各国2012年核能发电 情况

第一 美国



A survey released on April 10, 2015 by the United Nations Statistics Division shows the world production of nuclear energy electricity by country for 2012 in million kilowatt-hours. URL: http://unstats.un.org/unsd/

Based on information from the United Nations Statistics Division.







检索案例: Nuclear Energy 核能源

图片视频













检索案例: Nuclear Energy 核能源

相关会议/报告

第23界国际原子能机构(IAEA)聚变能源会议

23rd International Atomic Energy Agency (IAEA) Fusion Energy Conference

Global Reference on the Environment, Energy, and Natural Resources Online Collection, 2013.





http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConflD=38091

NAME: 23rd International Atomic Energy Agency (IAEA) Fusion Energy Conference

DATE: October 11-16, 2010

LOCATION: Daejon, Republic of Korea

SPONSORS: International Atomic Energy Agency, National Fusion Research Institute, Spanish TRANSLATE Yusung-gu, Daeieon The International Atomic Energy Agency (IAEA) fosters the exchange of scientific and technical results on nuclear fusion research through the series of its Fusion Energy Conferences. The fusion community now faces new challenges because a number of next-step fusion devices are being implemented. These include the International Thermonuclear Experimental Reactor (ITER, Cadarache, France) and the National Ignition Facility (NIF, Livermore, United States). Other challenges are the need to demonstrate the technological feasibility of fusion powerplants together with the economical viability of fusion energy production. Resolution of these challenges will dictate research orientations in the present and coming decades.





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