



利用EI美国工程索引（EV平台） 建立高效的科研体系

爱思唯尔高级培训师 田金龙

2019年4月29日



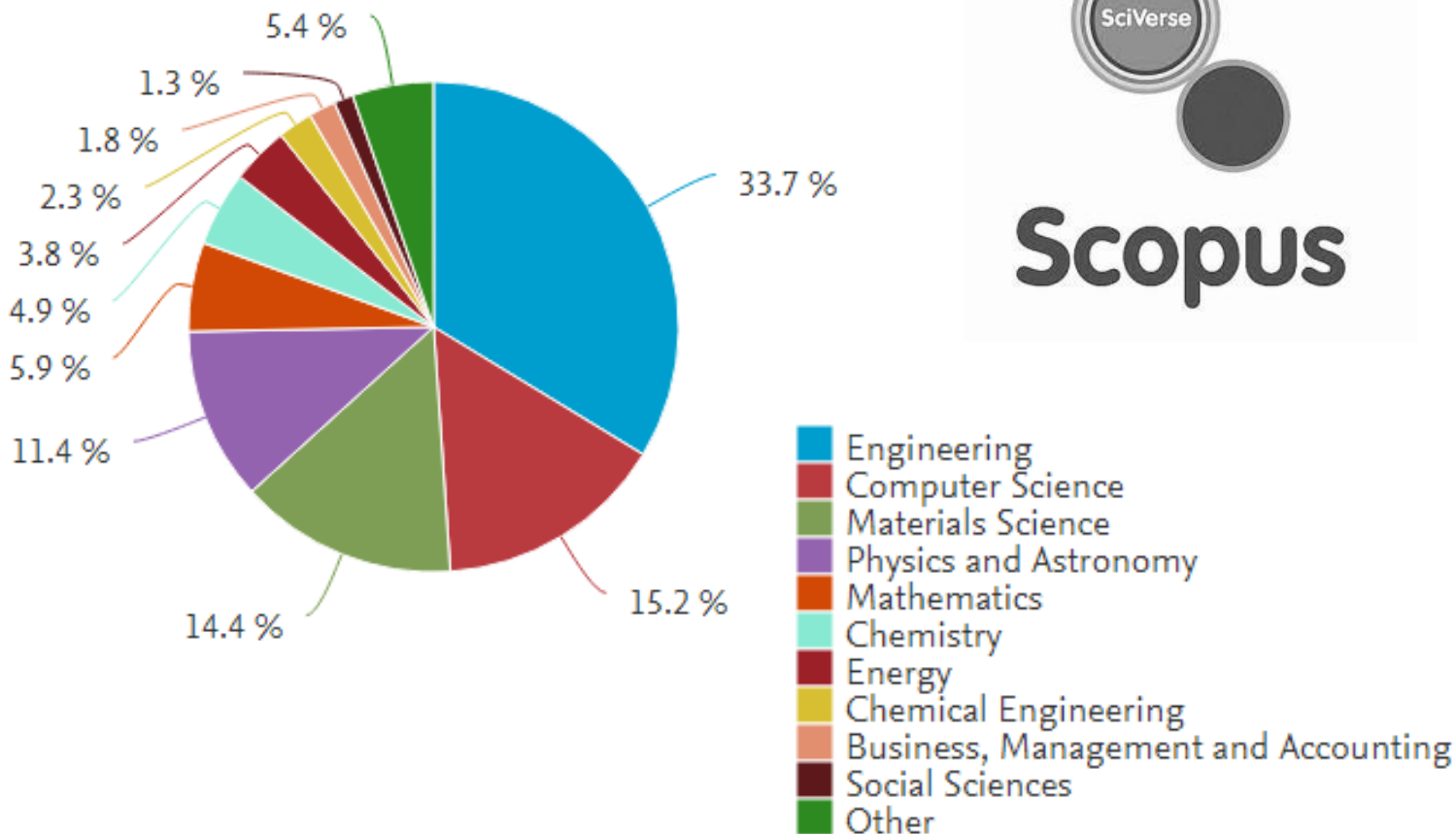


- 通过EV快速查找本领域的研究热点
- 如何快速追踪本研究领域的学术“大牛”
- 科研学习中与EI配合使用的软件技巧
- EI与文献管理提高科研效率
- 如何提升科研可见度及学术影响力

我们经常碰到的情况



Harbin University of Science and Technology





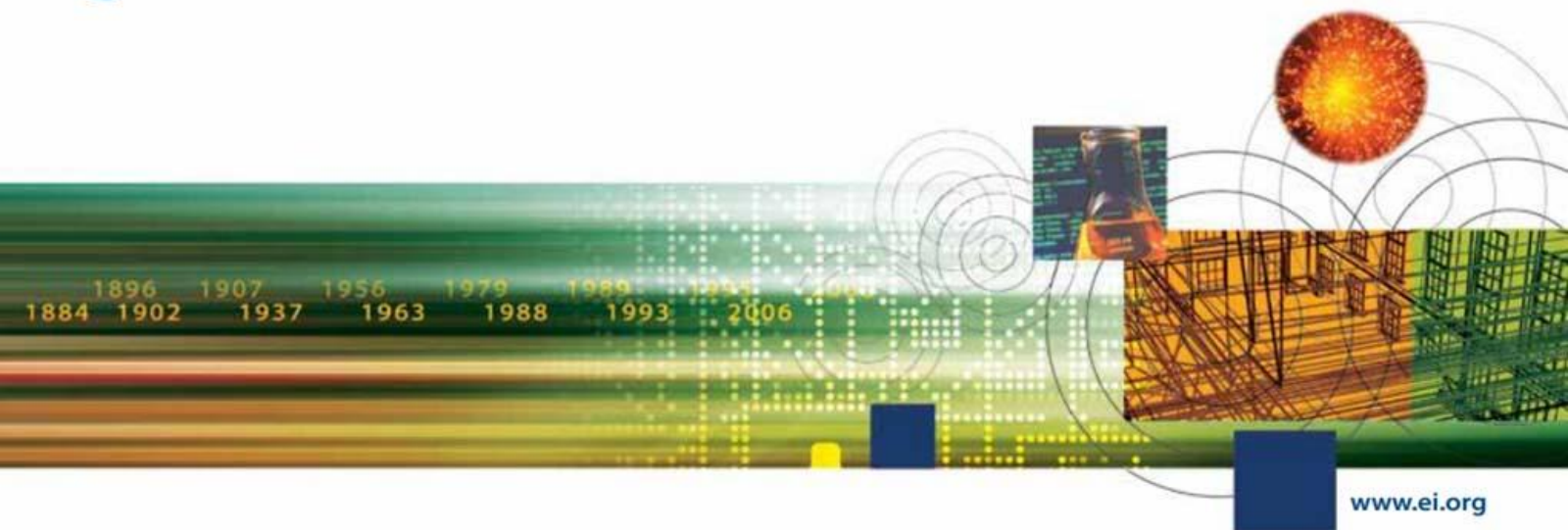
检索方式

- Quick Search - 快速检索
- Expert Search - 专家检索
- Thesaurus search - 词库检索



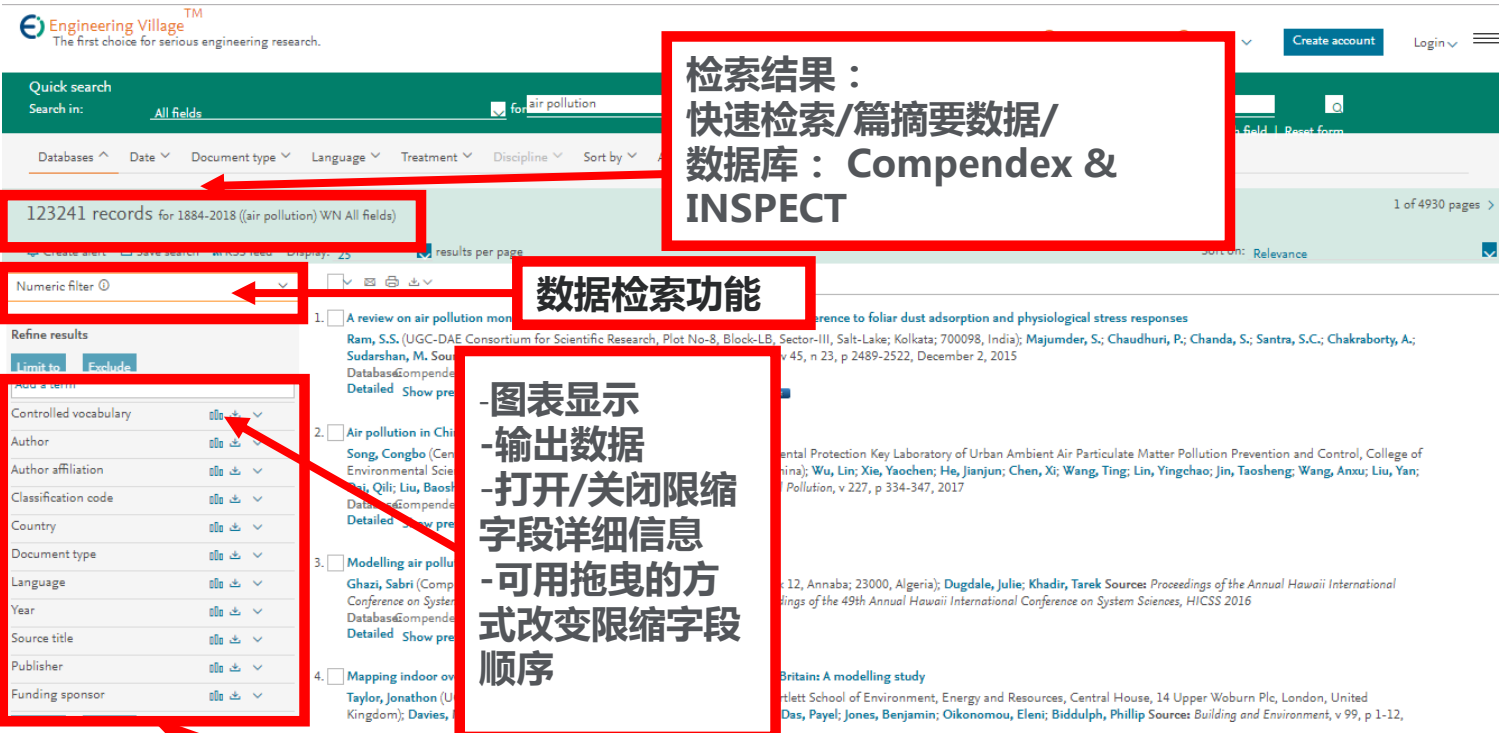


Quick Search - 快速检索



Quick Search – 快速检索

以关键词 “air pollution” 检索：结果页面



检索结果：
快速检索/篇摘要数据/
数据库：Compendex &
INSPECT

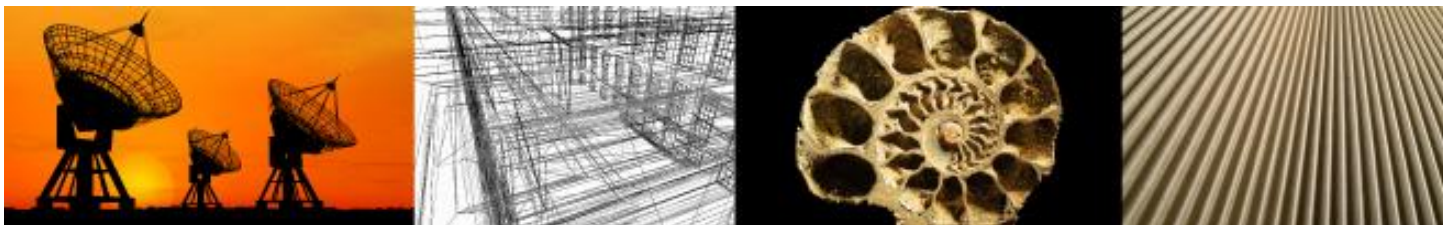
数据检索功能

- 图表显示
- 输出数据
- 打开/关闭限缩
字段详细信息
- 可用拖曳的方
式改变限缩字段
顺序

输入关键词开
启新的检索

123241 records for 1884-2018 (air pollution) WN All fields

过滤和分析检索结果



过滤检索结果

Engineering Village™
The first choice for serious engineering research.

Numeric filter 0

Refine results

Limit to Exclude

Add a term

Controlled vocabulary

Author

Author affiliation

Classification code

Country

Document type

Language

Year

Source title

Publisher

Funding sponsor

Limit to Exclude

New search with facets

Knowel Search >

Print

1. **Water demand forecasting by trend and h**

Kozłowski, Edward (Lublin University of Technol

Beata; Kowalski, Dariusz; Mazurkiewicz, Dariusz

Databases: Compendex

Detailed Show preview

Full text

2. **Estimation of river water temperature from**

Ouyang, Heng (Department of Civil Engineering

and Technologies, v 81, p 264-271, 2018, *Advances*

and Multimedia Signal Processing.

Databases: Compendex

Detailed Show preview

Full text

3. **Catalytic reduction for water treatment**

Hu, Maocong (Department of Chemical, Biological and Pharmaceutical Engineering, New Jersey Institute of Technology, Newark, NJ; 07102, United States); **Liu, Yin; Yao, Zhenhua; Ma, Liping;**

Wang, Xianqin Source: *Frontiers of Environmental Science and Engineering*, v 12, n 1, February 1, 2018

Databases: Compendex

Detailed Show preview

Full text

Check Local Full text

4. **Sustainable energy: Human factors in geothermal water resource management**

Tomaszewska, Barbara (AGH University of Science and Technology, Mickiewicza 30, Krakow; 30-059, Poland) Source: *Advances in Intelligent Systems and Computing*, v 599, p 60-71, 2018,

Advances in Human Factors in Energy: Oil, Gas, Nuclear and Electric Power Industries - Proceedings of the AHFE 2017 International Conference on Human Factors in Energy: Oil, Gas, Nuclear and Electric

Power Industries, 2017

Databases: Compendex

Detailed Show preview

Full text

Check Local Full text

5. **Evaluation and reutilization of water sludge from fresh water processing plant as a green clay substituent**

Ling, Yew Pei (School of Materials and Mineral Resources Engineering, Engineering Campus, Universiti Sains Malaysia, Nibong Tebal; Penang; 14300, Malaysia); **Tham, Ren-Haw; Lim, Stew-**

Ming; Fahim, Muhammad; Ooi, Chee-Heong; Krishnan, Puspanathan; Matsumoto, Akihiko; Yeoh, Fei-Yee Source: *Applied Clay Science*, v 143, p 300-306, July 1, 2017

Databases: Compendex

•在Refine Results检索结果中:可依作者、作者所属机构、国家、文献种类等类别进阶筛选:可Include或是Exclude一个或多个标目
•在Refine Results中可结合超过一个以上的分析项目,透过每篇标目前的勾选框勾选要结合的记录

过滤选项

控制词汇

Controlled vocabulary		
<input checked="" type="checkbox"/> Water	(76175)	
<input type="checkbox"/> Mathematical Models	(72140)	
<input type="checkbox"/> Computer Simulation	(57816)	
<input type="checkbox"/> Soils	(53764)	
<input type="checkbox"/> Water Quality	(48305)	
View all >		

作者

Author		
<input type="checkbox"/> Wang, Wei	(1194)	
<input type="checkbox"/> Zhang, Wei	(1139)	
<input type="checkbox"/> Li, Wei	(1112)	
<input type="checkbox"/> Wang, Jun	(883)	
<input type="checkbox"/> Wang, Yan	(806)	
View all >		

作者机构

Author affiliation		
<input type="checkbox"/> University Of Chinese Academy Of Sciences	(3096)	
<input type="checkbox"/> U.S. Geological Survey	(2262)	
<input type="checkbox"/> State Key Laboratory Of Water Resources And Hydropower Engineering Science, Wuhan University	(2049)	
<input type="checkbox"/> Csiro Land And Water	(1818)	
<input type="checkbox"/> State Key Laboratory Of Urban Water Resource And Environment, Harbin Institute Of Technology	(1705)	
View all >		

学科分类

Classification code		
<input type="checkbox"/> Chemical Products Generally	(305324)	
<input type="checkbox"/> Chemical Operations	(284168)	
<input type="checkbox"/> Organic Compounds	(258893)	
<input type="checkbox"/> Chemical Reactions	(228331)	
<input type="checkbox"/> Chemistry	(185796)	
View all >		

国家

Country		
<input type="checkbox"/> United States	(300214)	
<input type="checkbox"/> China	(268704)	
<input type="checkbox"/> Japan	(85354)	
<input type="checkbox"/> United Kingdom	(67054)	
<input type="checkbox"/> Germany	(65020)	
View all >		

文献类型

Document type		
<input type="checkbox"/> Journal article	(1171538)	
<input type="checkbox"/> Conference article	(397495)	
<input type="checkbox"/> Dissertation	(18684)	
<input type="checkbox"/> Article in Press	(7993)	
<input type="checkbox"/> Conference proceeding	(7739)	
View all >		

原文语言

Language		
<input type="checkbox"/> English	(1508046)	
<input type="checkbox"/> Chinese	(74904)	
<input type="checkbox"/> German	(18953)	
<input type="checkbox"/> Russian	(13839)	
<input type="checkbox"/> Japanese	(10762)	
View all >		

年

Year		
<input type="checkbox"/> 2018	(269)	
<input type="checkbox"/> 2017	(64800)	
<input type="checkbox"/> 2016	(94832)	
<input type="checkbox"/> 2015	(92476)	
<input type="checkbox"/> 2014	(97399)	
View all >		

刊源

Source title		
<input type="checkbox"/> Water Science And Technology	(21535)	
<input type="checkbox"/> Proquest Dissertations And Theses Global	(18684)	
<input type="checkbox"/> Water Research	(16333)	
<input type="checkbox"/> Advanced Materials Research	(14270)	
<input type="checkbox"/> Proceedings Of Spie - The International Society For Optical Engineering	(14068)	
View all >		

出版社

Publisher		
<input type="checkbox"/> Elsevier Ltd	(144352)	
<input type="checkbox"/> Elsevier	(121944)	
<input type="checkbox"/> American Chemical Society	(67892)	
<input type="checkbox"/> Institute Of Electrical And Electronics Engineers Inc.	(26782)	
<input type="checkbox"/> Springer Verlag	(25231)	
View all >		

赞助机构

Funding sponsor		
<input type="checkbox"/> National Natural Science Foundation Of China	(16140)	
<input type="checkbox"/> National Science Foundation	(2324)	
<input type="checkbox"/> Natural Sciences and Engineering Research Council of Canada	(1002)	
<input type="checkbox"/> National Research Foundation of Korea	(842)	
<input type="checkbox"/> U.S. Department of Energy	(826)	
View all >		

分析检索结果

Engineering Village™
The first choice for serious engineering research.

Numeric filter

Refine results

Limit to Exclude

Add a term

Controlled vocabulary



Author

Author affiliation

Classification code

Country

Document type

Language

Year

Source title

Publisher

Funding sponsor

Limit to Exclude




New search with facets

Knovel Search >

- Water demand forecasting by trend and harmonic analysis**
Kozłowski, Edward (Lublin University of Technology, Faculty of Mechanical Engineering, Lublin, Poland); Kowalski, Dariusz; Mazurkiewicz, Dariusz Source: *Applied Mathematical Modelling*, v 52, p 1-12, 2018, 12 p
Databases: Compendex Plus
Detailed Show preview Full text Check local full text
- Estimation of river water temperature from air temperature: Using least square method**
Ouyang, Heng (Department of Civil Engineering, Fujian University of Technology, Fuzhou; Fujian; 350108, China); Xue, Xingsi; Qiu, Zongxin; Lu, Yongsheng Source: *Smart Innovation, Systems and Technologies*, v 81, p 264-271, 2018, *Advances in Intelligent Information Hiding and Multimedia Signal Processing - Proceedings of the 13th International Conference on Intelligent Information Hiding and Multimedia Signal Processing*.
Databases: Compendex Plus
Detailed Show preview Full text Check local full text
- Catalytic reduction for water treatment**
Hu, Maocong (Department of Chemical, Biological and Pharmaceutical Engineering, New Jersey Institute of Technology, Newark; NJ; 07102, United States); Liu, Yin; Yao, Zhenhua; Ma, Liping; Wang, Xianqin Source: *Frontiers of Environmental Science and Engineering*, v 12, n 1, February 1, 2018
Databases: Compendex Plus
Detailed Show preview Full text Check local full text
- Sustainable energy: Human factors in geothermal water resource management**
Tomaszewska, Barbara (AGH University of Science and Technology, Mickiewicza 30, Krakow; 30-059, Poland) Source: *Advances in Intelligent Systems and Computing*, v 599, p 60-71, 2018, *Advances in Human Factors in Energy: Oil, Gas, Nuclear and Electric Power Industries - Proceedings of the AHFE 2017 International Conference on Human Factors in Energy: Oil, Gas, Nuclear and Electric Power Industries, 2017*
Databases: Compendex Plus
Detailed Show preview Full text Check local full text
- Evaluation and reutilization of water sludge from fresh water processing plant as a green clay substituent**
Ling, Yew Pei (School of Materials and Mineral Resources Engineering, Engineering Campus, Universiti Sains Malaysia, Nibong Tebal; Penang; 14300, Malaysia); Tham, Ren-Haw; Lim, Stew-Ming; Fahim, Muhammad; Ooi, Chee-Heong; Krishnan, Puspanathan; Matsumoto, Akihiko; Yeoh, Fei-Yee Source: *Applied Clay Science*, v 143, p 300-306, July 1, 2017
Databases: Compendex Plus




- 统计图表输出的按钮会出现在每个检索结果项目的旁边
- 此功能允许使用者可以透过图表形式浏览各项目结果数据，或是下载成文字文件并可以输出到其它软件中，例如：Excel

举例：只关注‘中国’近5年的‘air pollution’的研究

Country   




<input type="checkbox"/>	United States	(27736)
<input checked="" type="checkbox"/>	China	(14306)
<input type="checkbox"/>	United Kingdom	(5507)
<input type="checkbox"/>	Canada	(4594)
<input type="checkbox"/>	Germany	(4435)

View more >

Language   

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<input type="checkbox"/>	Chinese	(2360)
<input type="checkbox"/>	German	(2152)
<input type="checkbox"/>	Russian	(1115)
<input type="checkbox"/>	French	(398)

View more >

Year   

<input checked="" type="checkbox"/>	2018	(2884)
<input checked="" type="checkbox"/>	2017	(5827)
<input checked="" type="checkbox"/>	2016	(5381)
<input checked="" type="checkbox"/>	2015	(4596)

8. **H15-59: High quality air pollution dispersion modelling using high computational performance Lagrangian particle model**

Graši, Boštjan (MEIS do.o., Mali Vrh pri Šmarju 78, Šmarje - Sap, Slovenia); Mlakar, Primo; Bonar, Marija Zlata; Kocijan, Juš; Tinarelli, Gianni Source: *Proceedings of the 15th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, HARMO 2013*, p 337-342, 2013, *Proceedings of the 15th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, HARMO 2013*
Database: Compindex

Detailed Show preview ▾

Check Local Full-text

9. **Ozone Levels in the North and South of Jordan: Effects of Transboundary Air Pollution**

Alsawair, Jihad Khalaf (University of Nevada, Reno) Source: *ProQuest Dissertations and Theses Global*, 2011
Database: Compindex

Detailed Show preview ▾

Full text ↗

Check Local Full-text

10. **Air pollution forecast in cities by an air pollution index highly correlated with meteorological variables**

Cogliani, Euro (Energy Department, ENEA (Agency for New Technologies, Energy and Environment), Box 117, Via Anguillarese, 301 S. Maria di G., 00060 Rome, Italy) Source: *Atmospheric Environment*, v 35, n 16, p 2871-2877, 2001

Database: Compindex

Detailed Show preview ▾ Cited by in Scopus (62)

Full text ↗


Check Local Full-text

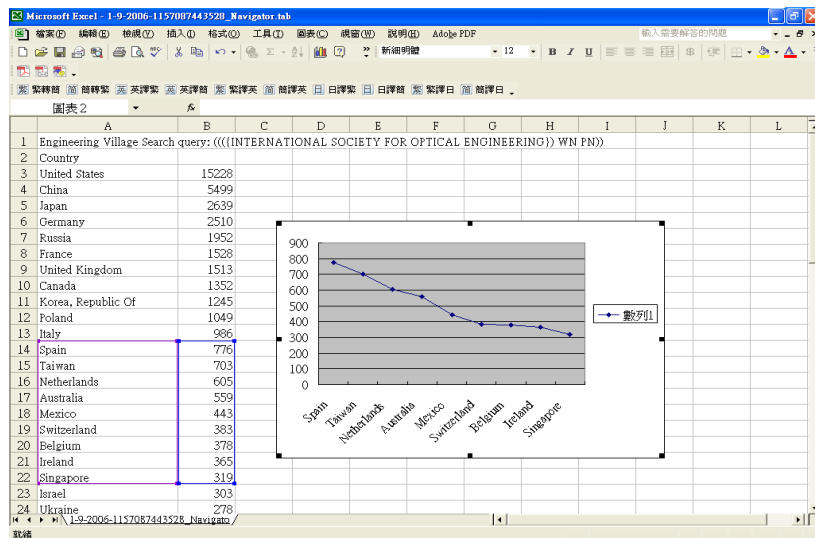
11. **Responses of serum chemokines to dramatic changes of air pollution**

Li, Yanli (State University of New York at Buffalo) Source: *ProQuest Dissertations and Theses Global*, 2013

Database: Compindex

分析检索结果

- 点选  图标可以让您将图表输出成tab档案
- 您也可以将输出的档案以 **Excel** 软件开启分析管理





Quick search: All fields ▾



for petroleum



Suggested terms: ?

Petroleum Reservoirs

Petroleum Reservoir Evaluation

Petroleum Reservoir Engineering

Oil Wells

Petroleum Engineering

Turn on AutoSuggest | + Add search field | Reset form

3. Microbial degradation of petroleum hydrocarbons

Varjani, Sunita J. (School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Gandhinagar; Gujarat; 382007, India) **Source:** *Bioresource Technology*, v 223, p 277-286, January 1, 2017

Database: Compendex

Document type: Journal article (JA)

Detailed Show preview ▾ Cited by in Scopus (92)

[Full text ↗](#)

4. Review of the immobilized microbial cell systems for bioremediation of petroleum hydrocarbons polluted environments

Partovinia, Ali (Faculty of New Technologies Engineering, Shahid Beheshti University (SBU), Zirab Campus, Tehran, Iran); **Rasekh, Behnam** **Source:** *Critical Reviews in Environmental Science and Technology*, v 48, n 1, p 1-38, January 2, 2018

Database: Compendex

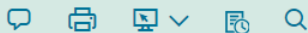
Document type: Journal article (JA)

Detailed Show preview ▾ Cited by in Scopus (1)

[Full text ↗](#)

[Back to results](#)

Full text



Abstract

 Microbial degradation of **petroleum** hydrocarbonsCompendex Refs **93**J.¹ ✉

source *Technology*, v 223, p 277-286, January 1, 2017; ISSN: 09608524, E
rtech.2016.10.037; Publisher: Elsevier Ltd

tion: ¹ School of Biological Sciences and Biotechnology, Indian Institute
; Gujarat; 382007, India

roleum hydrocarbon pollutants are recalcitrant compounds and are class
of these pollutants from environment is a real world problem. Bioremedi
loyed in restoration of **petroleum** hydrocarbon polluted environments th
degradation activity. **Petroleum** hydrocarbons utilizing microorganisms :
. They naturally biodegrade pollutants and thereby remove them from th
drocarbon pollutants from environment by applying oleophilic microorg
rtium of microorganisms) is ecofriendly and economic. Microbial biodeg
pollutants employs the enzyme catalytic activities of microorganisms to e
This article provides an overview about bioremediation for **petroleum** hy
anation about hydrocarbon metabolism in microorganisms with a specia

PlumX Metrics

[See details](#)

Citations

Citation Indexes: 92

Usage

Abstract Views: 71

Link-outs: 29

Captures

Readers: 401

Social Media

“学术大牛”

Related Documents

Journals

**The application of a carrier-based
bioremediation strategy for marine oil
spills**

Sheppard, Petra J. ; Simons, Keryn L. ; ...
(2014) *Marine Pollution Bulletin*
Database: *Compendex*

**A Review on Phytoremediation of Crude
Oil Spills**

Yavari, Sara ; Malakahmad, Amirhossei...
(2015) *Water, Air, and Soil Pollution*
Database: *Compendex*

**Merits and limitations of TiO₂-based
photocatalytic pretreatment of soils
impacted by crude oil for expediting
bioremediation**

Yang, Yu ; Javed, Hassan ; Zhang, Dann...
(2017) *Frontiers of Chemical Science and*

追踪“小牛”法

Author		Author affiliation		Year		Publisher	
<input type="checkbox"/> Wang, Wei	(1194)	<input type="checkbox"/> University Of Chinese Academy Of Sciences	(3096)	<input type="checkbox"/> 2018	(269)	<input type="checkbox"/> Elsevier Ltd	(144352)
<input type="checkbox"/> Zhang, Wei	(1139)	<input type="checkbox"/> U.S. Geological Survey	(2262)	<input type="checkbox"/> 2017	(64800)	<input type="checkbox"/> Elsevier	(121944)
<input type="checkbox"/> Li, Wei	(1112)	<input type="checkbox"/> State Key Laboratory Of Water Resources And Hydropower Engineering Science, Wuhan University	(2049)	<input type="checkbox"/> 2016	(94832)	<input type="checkbox"/> American Chemical Society	(67892)
<input type="checkbox"/> Wang, Jun	(883)	<input type="checkbox"/> Csiro Land And Water	(1818)	<input type="checkbox"/> 2015	(92476)	<input type="checkbox"/> Institute Of Electrical And Electronics Engineers Inc.	(26782)
<input type="checkbox"/> Wang, Yan	(806)	<input type="checkbox"/> State Key Laboratory Of Urban Water Resource And Environment, Harbin Institute Of Technology	(1705)	<input type="checkbox"/> 2014	(97399)	<input type="checkbox"/> Springer Verlag	(25231)
View all >		View all >		View all >		View all >	

1.年轻有为

2.文章质量中上：多为1-2区或高分文章

3.多在经费少、实验条件一般情况下发文章

4.文章思维型强，有故事感，多交叉

重复查找很 辛苦



Search history

6 searches



Combine searches:

e.g. (#1 AND #2) NOT #3



View

Combine searches

Search query

Actions

#6 422073 results in (Compendex) for: ((petroleum) WN All fields)
Details ▾



#5 385 results in (Compendex) for: (((Li, Jianrong)) WN AU)
Details ▾



#4 1269 results in (Compendex) for: ((blueberry) WN All fields)
Details ▾



#3 124 results in (Compendex) for: (((Blueberry) WN ALL)) AND ((2018) WN YR)
Details ▾



#7 1269 results in (Compendex) for: ((Blueberry) WN All fields)



Search ▾

Results ▾ ⁶

Alerts ¹

Selected records ⁰

More ▾



文献追踪



Stork

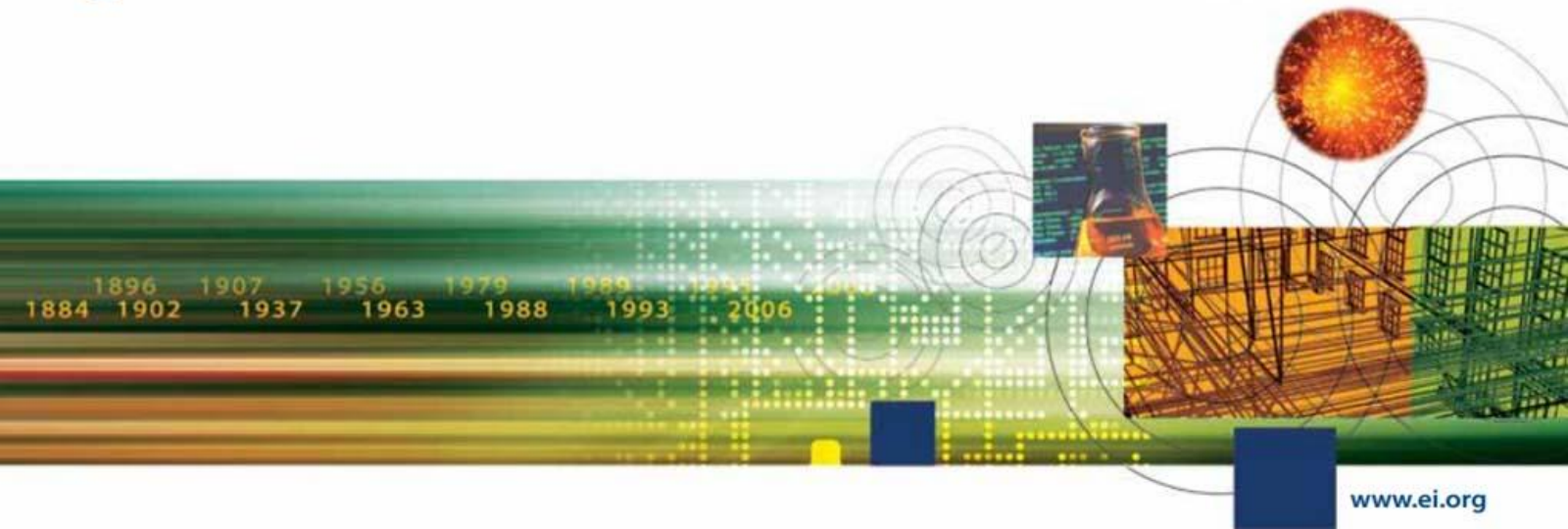
您忠实的科研助理，每日帮您搜索、筛选和推送新的重要科学文献

免费注册

[已注册用户登录](#)



Expert Search - 专家检索



Expert Search – 专家检索



Expert Search – 专家检索

输入检索词汇和检索字段代码

0 records



Create account

Expert search

Search for:

Eg.:smith wn AU and ("autonomous navigation" or radar*)



Reset form

检索代码

Databases ▾ Date ▾ Sort by ▾ Autostemming ▾ Search codes ^ Browse indexes ▾

Database	Code = Field	Code = Field
c = Compendex	AB = Abstract (c,i,n,pc,cm,cb,el,ep,g,f,u,e,k)	CVM= Major term as a reagent (el,ep)
i = Inspec	AN = Accession number (c,i,n,pc,el,ep,g,f,k)	CVM# Major term with no role (el,ep)
n = NTIS	AF = Affiliation/Assignee (c,i,n,pc,cm,el,ep,g,f,u,e)	MS = Map Scale (f)
pc = PaperChem	ALL = All fields (c,i,n,pc,cm,cb,el,g,f,u,e,k)	MP = Map Type (f)
cm = Chimica	ANN = Annotation (f)	MI = Material identity number (i)
cb = CBNB	AI = Astronomical indexing (i)	AG = Monitoring agency (n)
el = EnCompassLIT	AU = Author/Inventor (c,i,n,pc,el,ep,g,f,u,e,k)	NT = Notes (n)
ep = EnCompassPAT	AV = Availability (n,cb,f)	NU = see Numerical Data Codes (c,i)
n = GFOR&SF	CR = CAS registry number (cm,cb,el,en)	NI = Numerical indexing (i)

Codes displayed will depend on your current database selection

通配符

- *右截词-命中检索词起始部分相同的记录
- Learn* 命中learn, learns, learning, learned, learnt, learner(s), learner' s, learnability, learnable
- ? 有限截词-问号个数代表字符数
- 如**distance?** 可检出复数; **Wom?n** 命中**woman, women**
- \$词根运算符等价于Auto stemming功能
- \$ **manage** 命中 **manage, managing, managed, manager,**
- **managers , management, managements.**

位置算符

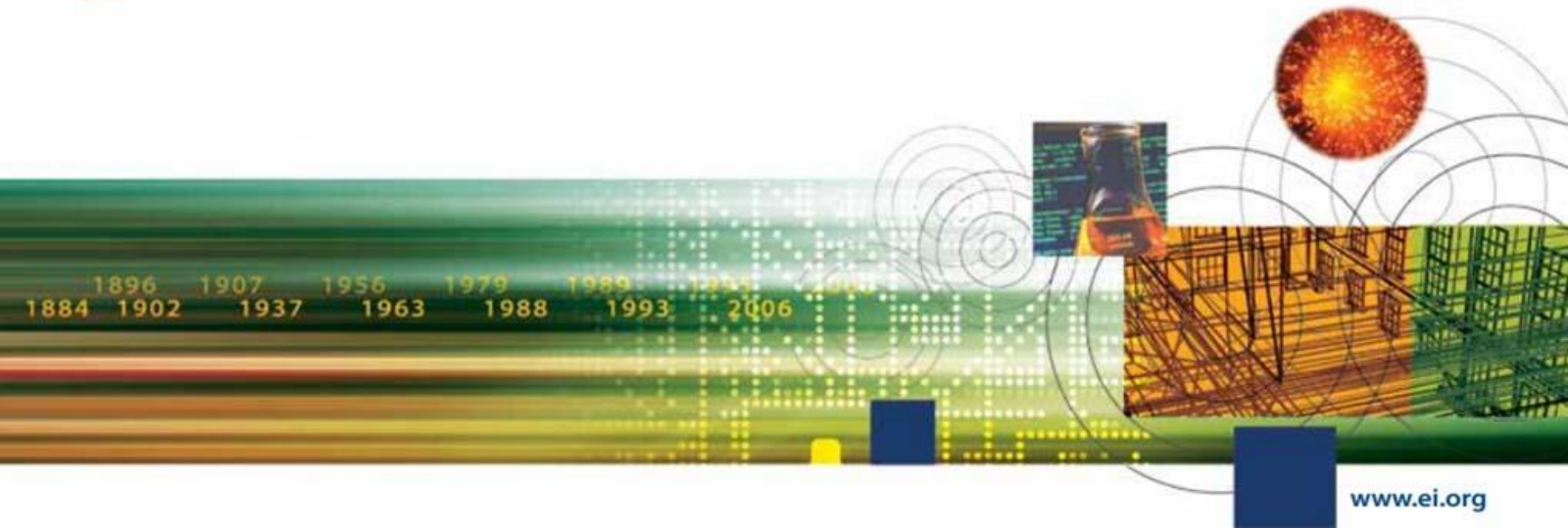
- 词组检索 “ ” 或{ }- 词间不能插词，词序不能颠倒
- “International Space Station” 命中包含有词组
“International Space Station” 的记录
- 词组检索不能使用通配符与字根符

- **Onear/n-** 两个词之间可插入**0 - n**个词，词序不能颠倒,如
- **Distance Onear/3 learning**

- **Near/n-** 两个词之间可插入**0 - n**个词，词序可以颠倒，如
- **Distance near/3 learning**



Thesaurus Search - 词库检索



Thesaurus Search – 叙词检索



叙词表的作用

- **叙词表是由专业的规范词组成，它可以将同一主题不同表述的词，按主题内容规范在标准的专业词下，避免了由于词汇书写不同造成漏检，或词义概念混淆导致错检的问题。**

- **控制词汇**
 - 不使用其他的术语
- **每年更新**
 - 词汇工作组和索引工作人员决定变化
 - 叙词表新版本
- **具体范围标记**
 - 受控词的信息

- **分面层次**
 - 分面: 按类别分组
 - 层次: 上位类/下位类
- **自动显示的款目**
 - 有信心检索专属性的任一层次
- **相互参照**
 - 引导用户使用有效款目

Example

An engineer wants to evaluate peer-reviewed literature on rechargeable batteries.

They need to survey all recent publications and don't want to miss anything.

术语表达

材料种类

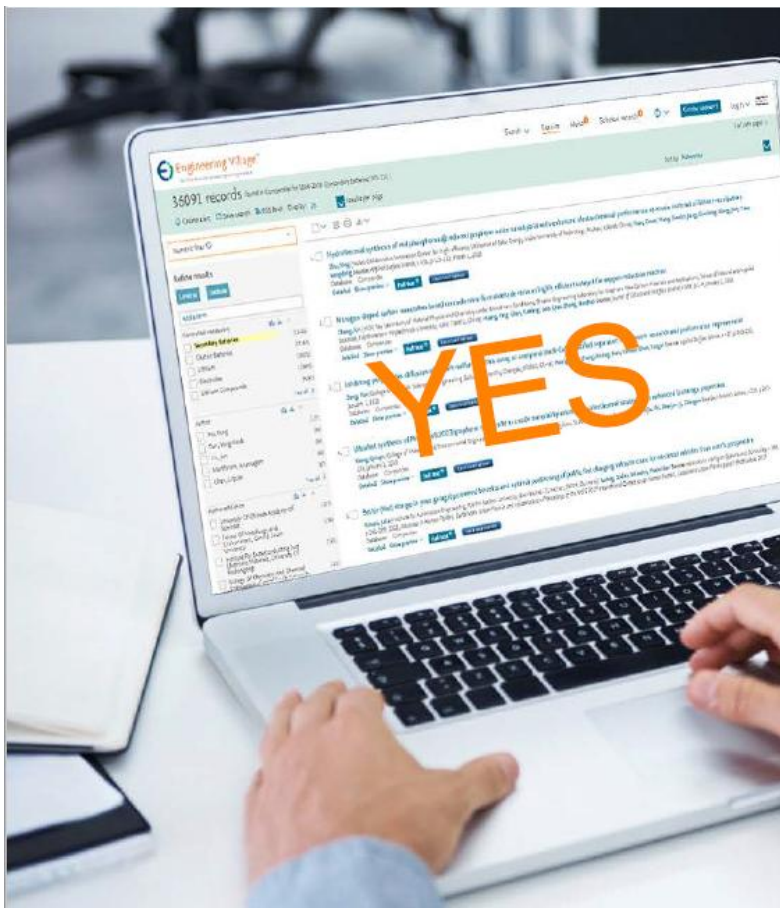
不同机理

电池类型

engineer

提高主题检索效率的方法（准且全）

- 从文中选词检索易漏检或误检
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Comparison of geotechnical properties from large-diameter long cores and borings in deep water Gulf of Mexico

Abstract: Large-diameter long piston cores (Jumbo Piston Corer, JPC) and Large-diameter Gravity Cores (LGC) were taken immediately adjacent to previously drilled geotechnical borings at three floating platform sites: Auger, Jolliet, and Marlin. This task was included as part of a more comprehensive NSF program on seabed processes in the deep water Gulf of Mexico. Sediment properties measured included bulk density, magnetic susceptibility, compression wave velocity, vane shear strength, and unconsolidated-undrained triaxial strength. A comprehensive geotechnical-testing program confirms the samples are high quality and shear strengths within the 63-ft core depth were comparable to the results of tests on the geotechnical borings. The exception occurred when gassy deposits were encountered. The use of the LGC and Multi-Sensor Core Logger (MSCL) in conjunction with the JPC proved to be valuable in assessing the quality and continuity of the piston cores. At the Auger and Marlin sites, there was good agreement between the sediment properties obtained from the borings and cores over the cored depth of 63 ft. At the Jolliet site, the values of strength obtained from the core in the upper 10 to 20-ft, were considerably higher than those obtained from the nearby boring. With modifications, the long coring system can be extended to take 100-ft samples. The use of large-diameter piston and gravity cores can provide an economical alternative to traditional borings for the design of shallow foundations for subsea completions, pipelines, suction caissons, and identification of geohazards.

Controlled terms: [Core drilling](#) - [Density \(specific gravity\)](#) - [Geotechnical engineering](#) - [Hazards](#) - [Magnetic susceptibility](#) - [Mooring](#) - [Offshore pipelines](#) - [Petroleum geology](#) - [Production platforms](#) - [Sediments](#) - [Shear strength](#)

Uncontrolled terms: [Compression wave velocity](#) - [Geotechnical properties](#) - [Large diameter long piston cores](#) - [Sensor core logger](#)

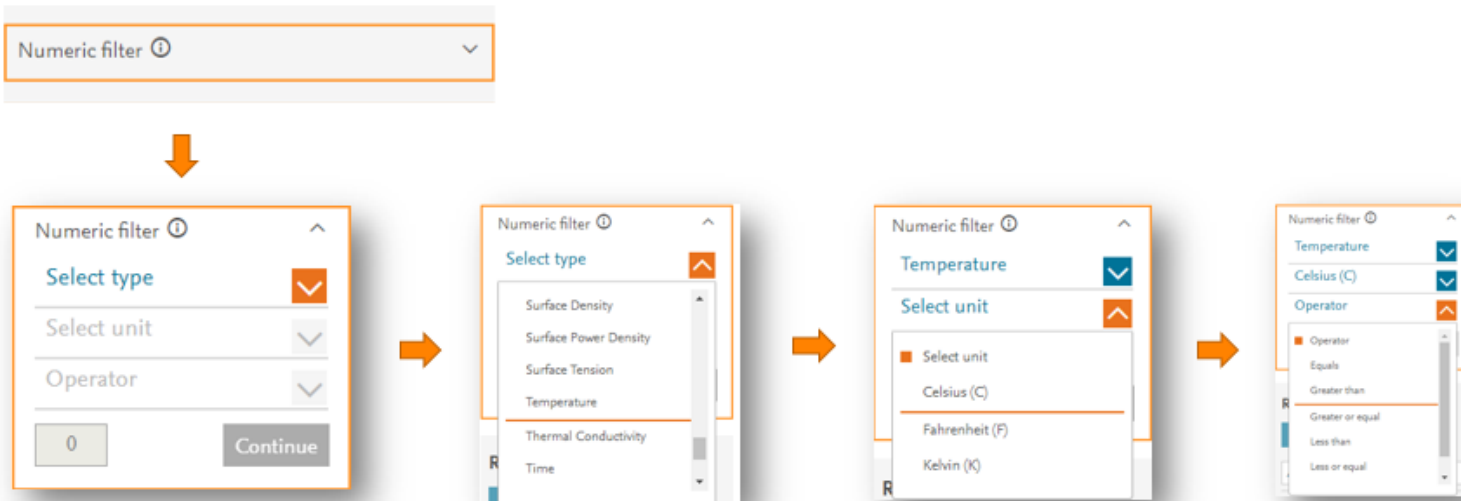
Classification code: [481.1](#)Geology - [483.2](#)Foundations - [511.1](#)Oil Field Production Operations - [674.2](#)Marine Drilling Rigs and Platforms - [701.2](#)Magnetism: Basic Concepts and Phenomena - [931.2](#)Physical Properties of Gases, Liquids and Solids

Numerical data indexing Size 1.92e+01m, Size 3.05e+00m to 6.10e+00m Size 3.05e+01m

数值检索

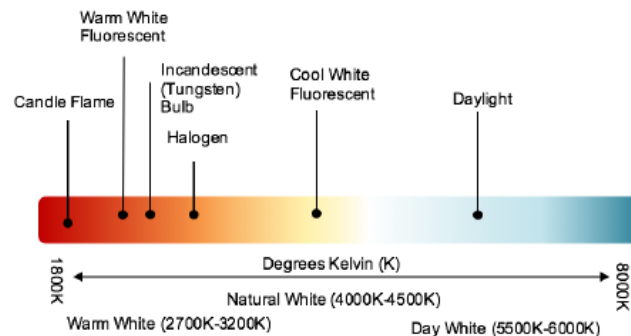
Engineering Village是唯一支持Compendex和Inspec数值搜索的平台。数值数据通常描述工程文献中最重要的方面。通过数字数据索引，研究人员可以访问可能未通过纯文本搜索发现的文档。

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实例：LED灯泡的研发

工程师参与一个LED灯泡的研发项目。该工程师需要开发日照白的LED灯泡，由于色彩取决于灯泡的温度，因此该工程师在EV上进行了基于温度的搜索。



Quick search:



for



Turn off AutoSuggest | + Add search field | Reset form

Refine <<

Numeric filter ⓘ ^

Temperature



Kelvin (K)



Range



5500

6000

Continue

Title: White light-emitting diodes based on ultrasmall CdSe nanocrystal electroluminescence

Abstract: ... hese LEDs have excellent color characteristics, defined by their pure white CIE color coordinates (0.333, 0.333). correlated color temperatures of **5461-6007 K**. and color rendering Indexes as high as 96.6. ...

Numerical data indexing: temperature 5.46e+03K to 6.01e+03K

实例：声音识别精度的研究

工程师在研究一个声音识别的研究，为了达到实用级别需要在一定噪音环境下也能够精确识别。为了了解相关文献，该工程师进行了以下搜索：

Quick search: All fields for

AND All fields for

Turn off AutoSuggest | + Add search field | Reset form

Refine <<

Numeric filter ⓘ ^

Percentage

Percent (%)

Greater or equal

Title: Voice operated home automation system based on Kinect sensor

Abstract: ... It is **more than 95%** when the distance between user and Kinect sensor is 4 m and when there is about **53 dB noise**...

Numerical data indexing: Decibel 5.30e+01dB,
Percentage 9.50e+01%, Size 4.00e+00m

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Abstract
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Compendex Refs 43

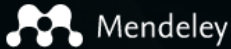
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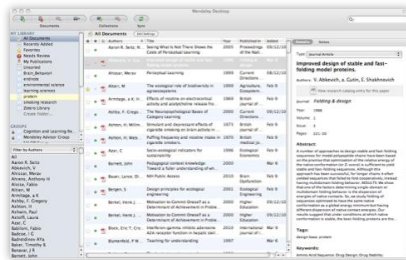
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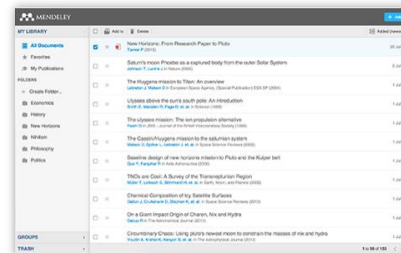
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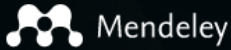


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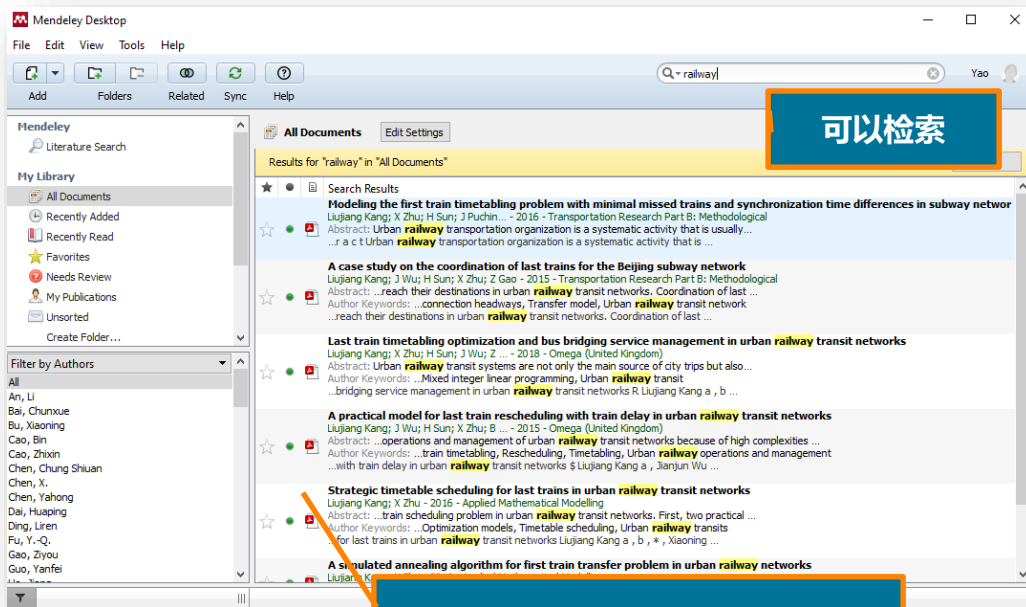
Authors	Title	Year	Published In	Added
Kang, Lujiang; Zhu, Xiaorong	Strategic timetable scheduling for last trains in urban railway transit networks	2017	Applied Mathematical Modelling	7:09pm
Liu, Y.-Q.; Liu, H.-T.; Chen, X.; Yang, H.; Liu, Y.; Zhang, H.-Q.	Investigation on the improvement of line edge sticking by array mask design of TFT-LCD	2018	Chinese Journal of Liquid Crystals and ...	Sep 18
Liu, X.-W.; Tian, M.; Li, L.-Q.; Pu, Y.-Q.; Liu, Y.	Analysis and improvement of a larger size TFT-LCD block	2016	Chinese Journal of Liquid Crystals and ...	Sep 18
Kang, Lujiang; Zhu, Xiaorong	Strategic timetable scheduling for last trains in urban railway transit networks	2016	Applied Mathematical Modelling	Sep 18
Kang, Lujiang; Zhu, Xiaorong; Sun, Hujun; Wu, Jianjun; Gu...	Last train timetable optimization and bus bridging service management in urban railway transit networks	2015	Omega (United Kingdom)	Sep 18
Kang, Lujiang; Wu, Jianjun; Sun, Hujun; Zhu, Xiaorong	A practical model for last train rescheduling with train delay in urban railway transit networks	2018	Omega (United Kingdom)	Sep 18
Kang, Lujiang; Zhu, Xiaorong; Sun, Hujun; Puchinger, Jabo...	Modeling the first train timetable problem with minimal missed trains and synchronization time differences in sub...	2016	Transportation Research Part B: M...	Sep 18
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Kang, Lujiang; Wu, Jianjun; Sun, Hujun; Zhu, Xiaorong	A case study on the coordination of last trains for the Beijing subway network	2015	Transportation Research Part B: M...	Sep 18
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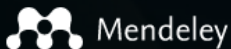


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Highlights and make notes

The screenshot shows the Mendeley Desktop interface. The main window displays a PDF document titled "Functional ankle instability in young athletes" by T. Golditz et al. The document content includes the title, authors, affiliations, and the beginning of the abstract. A yellow highlight is applied to the sentence: "Ankle stability proves to be a very important element to prevent spine injuries as it acts as a base to carry the body weight of individual. It also has a important function which is to improve posture of individual. Ankle injuries are often the most frustrating injury as compared to other joints because it is the most frequent used joint".

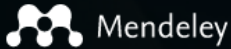
A note box is overlaid on the highlighted text, containing the following text:

增加备注

Ankle stability proves to be a very important element to prevent spine injuries as it acts as a base to carry the body weight of individual. It also has a important function which is to improve posture of individual. Ankle injuries are often the most frustrating injury as compared to other joints because it is the most frequent used joint

The right sidebar of the Mendeley Desktop window shows the "Notes" tab, where the added note is visible. The note text is: "Ankle stability proves to be a very important element to prevent spine injuries as it acts as a base to carry the body weight of individual. It also has a important function which is to improve posture of individual. Ankle injuries are often the most frustrating injury as compared to other joints because it is the most frequent used joint".

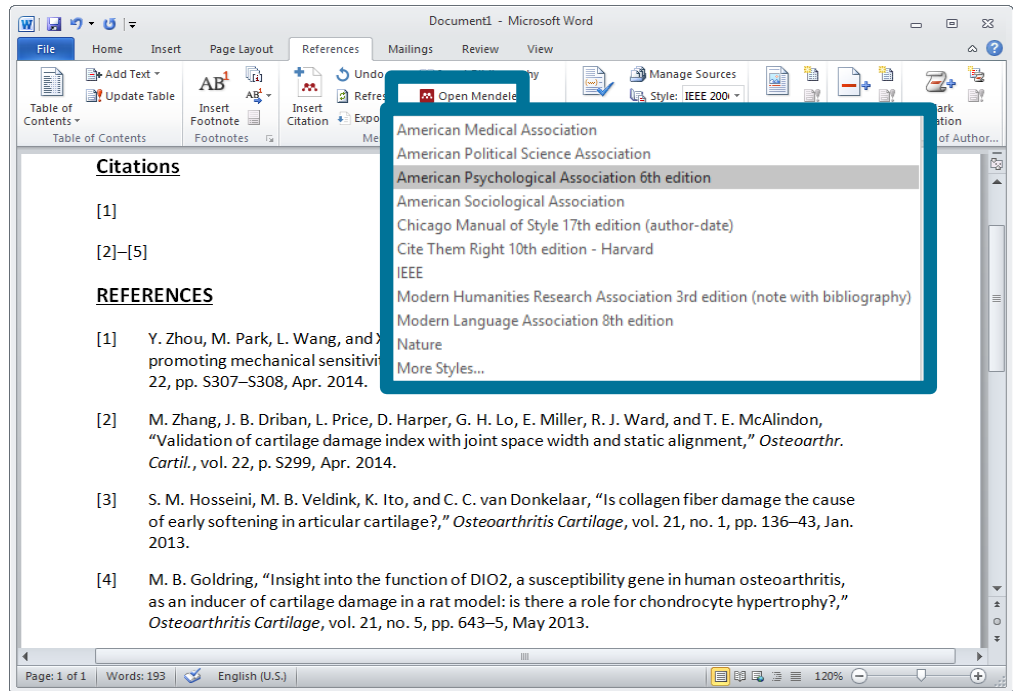
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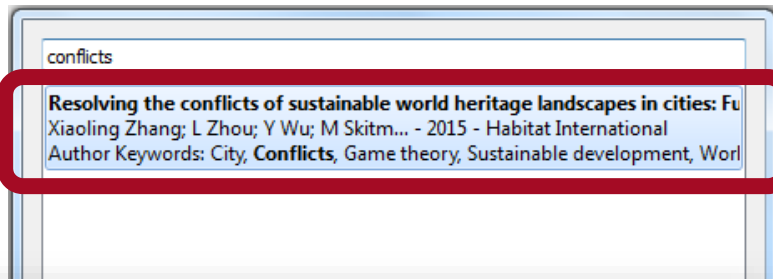
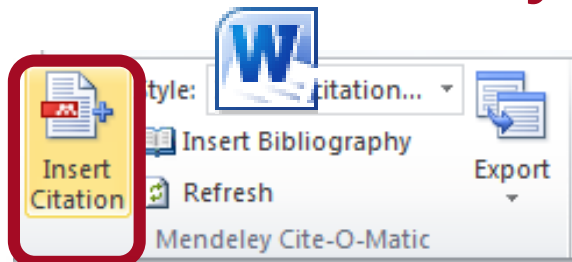
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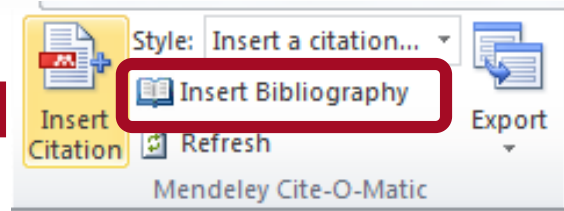
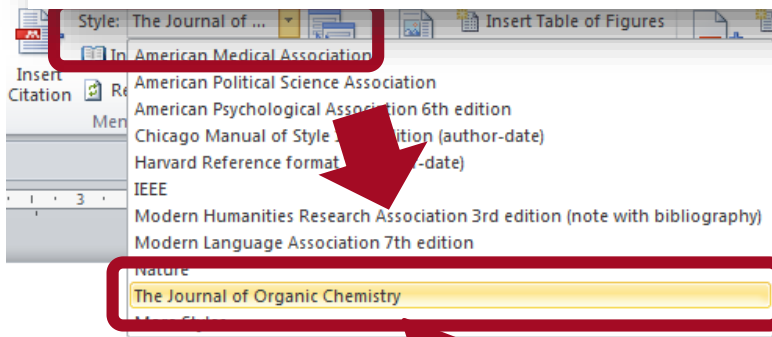


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(1) Zhang, X.; Zhou, L.; Wu, Y.; Skitmore, M.; Deng, Z. *Habitat Int.* 2015, 46, 91–100.

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I am a urological surgeon and translational researcher by training and background and spent over 11 years at the University of Cambridge developing the clinical urological services there and forming a new translational research group.


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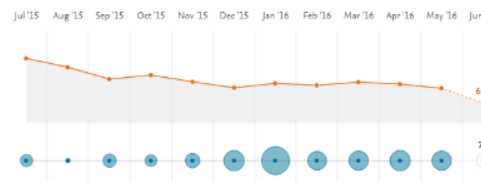
 A glycolytic phenotype is associated with prostate cancer progression and aggressiveness: A role for monocarboxylate transporters as metabolic targets for therapy

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 Selective Targeting of the TPX2 Site of Importin- α Using Fragment-Based Ligand Design

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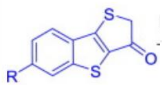


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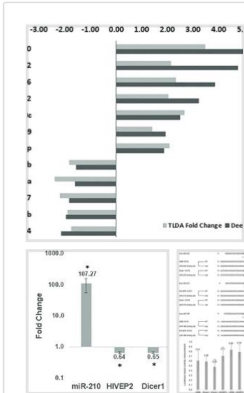
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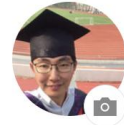
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Zhou L, Xi Y, Wang W, Lin B, Wang X, et. al.
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