

课程安排

课次	课题	时间
第一讲	文献检索与管理	3月19日 20:00-21:30
第二讲	科技论文阅读与解析	3月21日 20:00-21:30
第三讲	科技论文写作—方法篇	3月23日 20:00-21:30
第四讲	科技论文写作—技巧篇	3月26日 20:00-21:30
第五讲	论文投稿流程与常见问题	3月28日 20:00-21:30
福利课	Science一作经验分享会	3月31日 15:00-16:00

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课程学习群

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群名称 : 英文科技论文写作④

群 号 : 723735417

第一讲：文献检索与管理

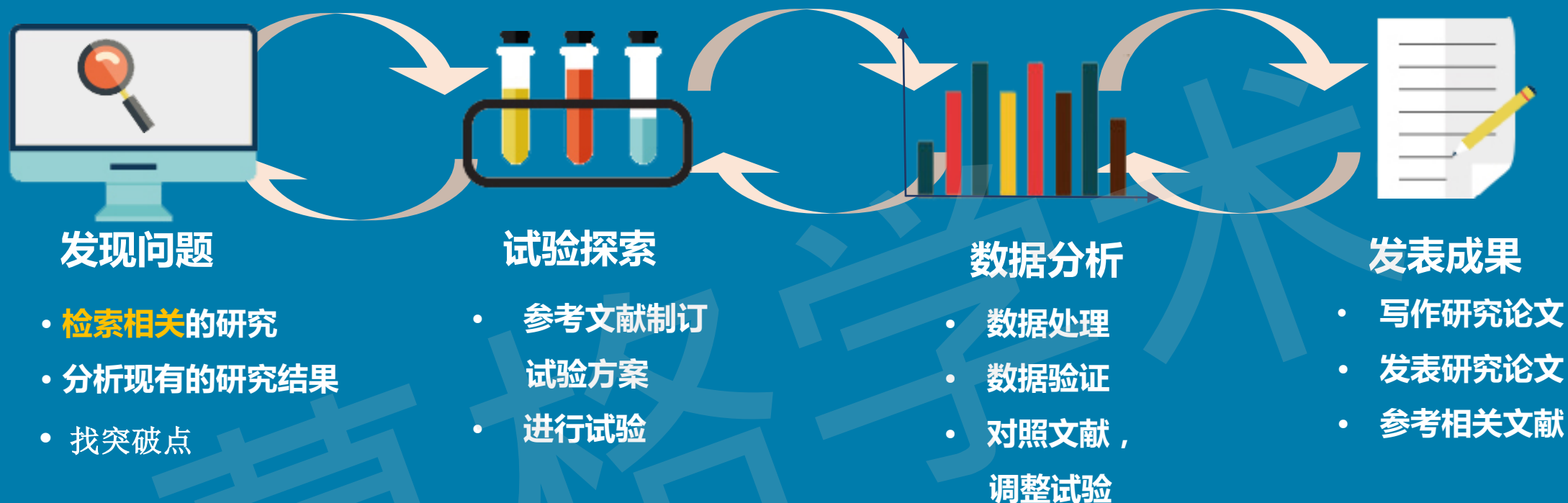


慕格学术

大纲

1. 文献的重要性
2. 文献检索
3. 学术社交网站
4. 文献管理

1. 文献的重要性



美国科学基金会统计，一个科研人员花费在查找和消化科技资料上的时间需占全部科研时间的**51%**，计划思考占**8%**，实验研究占**32%**，书面总结占**9%**。

2. 文献检索

2. 文献检索

2.1 概述

- 2.1.1 文献检索的基本步骤
- 2.1.2 如何查找参考文献
- 2.1.3 如何获取参考文献全文

2.2 文献检索的途径

- 2.2.1 数据库
- 2.2.2 搜索引擎

2.3 文献追踪

2.1.1 文献检索的基本步骤



2.1.2 如何查找参考文献

① 推荐（导师、同学、参加会议与研讨会时结交的同领域人士）

② 查找：

a. 关键词：topic, question, theory, methodology

b. 作者：领域有建树的学者

c. 领域：跨学科博览，扩展自己的知识体系

检索技巧

检索策略的调整：

①检索结果较少，可以扩检

- 将检索词的上位类词、近义词等补充进去
- 调整逻辑算符，如改“and”为“or”
- 精确检索改“模糊检索”
- 取消或放宽检索限定，如检索年限，检索期刊等
- 增加或修改检索入口，如增加文摘、全文、全字段检索等

②检索结果过多

- 缩检，方法与扩检相反。--结果中检索（精炼、两次检索）

2.1.3 如何获取参考文献全文

- ① 全文数据库/搜索引擎
- ② 学术圈社交网络
- ③ 文献求助（论坛）
- ④ 通过文章通讯作者邮箱索取
- ⑤ 图书馆文献传递服务

2. 文献检索

2.1 概述

2.2 文献检索的途径

2.2.1 数据库

2.2.2 搜索引擎

2.3 文献追踪

2.2.1 数据库

功能划分

全文数据库：是收录文献全文的数据库，以 sciencedirect、springer 为代表；

文摘数据库：是收录摘要、文献来源和文献引证关系的数据库，以三大索引数据库SCI(科学引文索引)、EI(工程索引)、ISTP(科技会议录索引)为代表，（三大索引数据库统一于 ISI web of knowledge）

收费商业学术数据库

免费学术数据库

收费商业学术文献数据库

WEB OF SCIENCE™

ELSEVIER



ScienceDirect

 Springer Link



Scopus

 Taylor & Francis Online

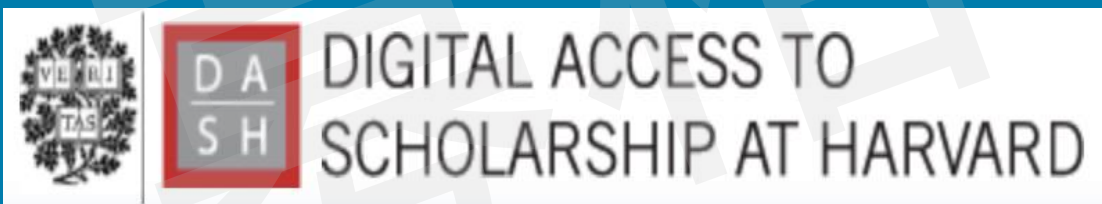


Wiley Online Library

 Cnki 中国知网
cnki.net

 万方数据
WANFANG DATA

免费学术文献数据库



很多大学免费提供本校硕士博士论文，以及期刊论文全文下载

Web of Science 数据库

Web of Science

- 1. ISI Web of Science 是全球最大、覆盖学科最多的综合性学术信息资源，收录了8700多种核心学术期刊。
- 2. 强大的检索技术：主题检索、引文检索、化学结构检索、高级检索等，确保信息检索的全面与准确
- 3. 丰富而独特的引文信息：参考文献、施引文献、相关文献，揭示科学研究课题的过去、现在与将来
- 4. 以知识为基础的相关信息资源导航和链接：期刊目次、期刊影响因子、全文、主题深度标引、馆藏、文献传递系统、专家库、OpenURL服务等，迅速获取全文
- 5. Email 定题服务，随时了解最新进展
- 6. 通过ISI Essential Science Indicators可以系统地、有针对性地分析国际科技文献,综合全面的定量数据、清晰准确的统计以及与其它信息资源的有价值的连接。

SCI检索能够帮助我们发现:

Web of ScienceInCitesJournal Citation ReportsEssential Science IndicatorsEndNotePublons

Web of Science

Clarivate Analytics

检索我的工具检索历史标记结果列表

选择数据库所有数据库

进一步了解

为您的同行评审工作得到认可，
这是免费服务！

基本检索被引参考文献检索高级检索

示例: oil spill* mediterranean

+ 添加另一字段 | 清除所有字段

主题

检索

单击此处获取有关改善检索的建议。

主题

标题

作者

作者识别号

编者

团体作者

出版物名称

DOI

时间跨度

所有年份

从 1900 至 2018

更多设置

- 这篇论文的主要内容是什么？
- 有没有关于这一课题的综述？
- 还有谁在从事这方面的研究？写过哪些论文？
- 某项研究工作有没有研究论文发表？
- 这个领域的研究通常都发表在哪些杂志上？
- 某研究机构或大学最近发表了哪些文章？
-

一般检索步骤

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

Web of Science

Clarivate Analytics

检索 我的工具 检索历史 标记结果列表

选择数据库 所有数据库 进一步了解

基本检索 被引参考文献检索 高级检索

示例: oil spill* mediterranean + 添加另一字段 清除所有字段

1. 选择检索项

2. 输入检索词

3. 设定出版年份检索范围

4. 检索

主题

标题

作者

作者识别号

编者

团体作者

出版物名称

DOI

检索

单击此处获取有关改善检索的建议。

时间跨度

☒ 所有年份

☐ 从 1900 至 2018

更多设置

排序检索结果

Web of Science 检索结果

“thermal barrier coatings”共检索到9,385条结果

检索结果: 9,385
(来自 Web of Science 核心合集)

您的检索: 主题: (thermal barrier coatings) ...更多内容

创建跟踪服务

排序方式: 日期 被引频次 使用次数 相关性

排序方式, 如被引频次、出版日期等

选择页面 保存至 EndNote online 添加到标记结果列表

创建引文报告 分析检索结果

1. Materials science - Thermal barrier coatings for gas-turbine engine applications
作者: Padture, NP; Gell, M; Jordan, EH
SCIENCE 卷: 296 期: 5566 页: 280-284 出版年: APR 12 2002
被引频次: 1,649 (来自 Web of Science 的核心合集)
使用次数

2. Mechanisms controlling the durability of thermal barrier coatings
作者: Evans, AG; Mumm, DR; Hutchinson, JW; 等
PROGRESS IN MATERIALS SCIENCE 卷: 46 期: 5 页: 505-553 出版年: 2001
被引频次: 1,320 (来自 Web of Science 的核心合集)
使用次数

3. Ceramic materials for thermal barrier coatings
作者: Cao, XQ; Vassen, R; Stoever, D
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 卷: 24 期: 1 页: 1-10 出版年: 2004
被引频次: 747 (来自 Web of Science 的核心合集)
使用次数

4. Zirconates as new materials for thermal barrier coatings
被引频次: 571

过滤结果依据:

☐ 领域中的高被引论文 (21)

☐ 领域中的热点论文 (1)

☐ 开放获取 (654)

精炼

出版年

☐ 2017 (819)

- 在检索结果界面上, 通过左上角的排序功能, 您可以按照收录日期、被引用次数、相关度、第一作者姓名、来源期刊、出版年代等方式对检索结果重新排序。

精炼检索结果

Web of Science InCites Journal Citation Reports Essential Science Indicators

Web of Science

检索

检索结果: 9,385
(来自 Web of Science 核心合集)

您的检索结果

创建跟踪服务

精炼检索结果

在如下结果集内检索...

过滤结果依据:

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Context Sensitive Lin 出版商处的全文 查看摘要
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Context Sensitive Lin 出版商处的全文 查看摘要
被引频次: 571
(来自 Web of Science 的核心合集)
使用次数

5. Irena: tool suite for modeling and simulation of materials
作者: Ilavsky, Jan; Jemian, Peter R
JOURNAL OF APPLIED CRYSTALLOGRAPHY 卷: 39 期: 1 页: 1-10 出版年: 2006
Context Sensitive Lin 出版商处的全文 查看摘要
被引频次: 508
(来自 Web of Science 的核心合集)
使用次数

6. Materials design for the next generation of gas-turbine engines
作者: Clarke, DR; Levi, CG
ANNUAL REVIEW OF MATERIALS SCIENCE AND ENGINEERING 卷: 36 期: 1 页: 1-10 出版年: 2006
Context Sensitive Lin 出版商处的全文 查看摘要
被引频次: 504
(来自 Web of Science 的核心合集)
使用次数

7. CURRENT STATUS OF THERMAL BARRIER COATINGS
作者: MILLER, DA
ANNUAL REVIEW OF MATERIALS SCIENCE AND ENGINEERING 卷: 36 期: 1 页: 1-10 出版年: 2006
Context Sensitive Lin 出版商处的全文 查看摘要
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Web of Science 类别

文献类型

- ☐ ARTICLE (7,378)
- ☐ PROCEEDINGS PAPER (2,490)
- ☐ REVIEW (208)
- ☐ MEETING ABSTRACT (25)
- ☐ EDITORIAL MATERIAL (23)

更多选项/分类...

精炼

如何快速了解领域信息？

多角度的数据挖掘和可视化的全景分析

- 机构发展分析
- 发表年代分析
- 学科领域分析
- 发表论文的主要途径
- 主要的合作机构
- 收录论文最多的作者

分析检索结果

Web of Science

InCites

Journal Citation Reports

Essential Science Indicators

EndNote

Publons

登录

帮助

简体中文

Web of Science

Clarivate Analytics

检索

我的工具

检索历史

标记结果列表

检索结果: 9,385
(来自 Web of Science 核心合集)

您的检索: 主题: (thermal barrier coating) ...更多内容

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排序方式: 日期 被引频次 使用次数 相关性 更多

第 1 页, 共 939 页

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添加到标记结果列表

创建引文报告

分析检索结果

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2. Mechanisms controlling the durability of thermal barrier coatings...
作者: Evans, AG; Mumm, DR; Hutchinson, JW; 等
PROGRESS IN MATERIALS SCIENCE 卷: 46 期: 1 页: 503-558 出版年: 2001
Context Sensitive Lin 出版商处的全文 查看摘要

3. Ceramic materials for thermal barrier coatings...
作者: Cao, XQ; Vassen, R; Stoever, D
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 卷: 24 期: 1 页: 1-10 出版年: 2004
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4. Zirconates as new materials for thermal barrier coatings...
作者: Vassen, R; Cao, XQ; Tietz, F; 等
JOURNAL OF THE AMERICAN CERAMIC SOCIETY 卷: 83 期: 8 页: 2023-2028 出版年: AUG 2000
Context Sensitive Lin 出版商处的全文 查看摘要

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被引频次: 747
(来自 Web of Science 的核心合集)

使用次数

被引频次: 571
(来自 Web of Science 的核心合集)

使用次数

精炼检索结果

在如下结果集内检索...

过滤结果依据:

领域中的高被引论文 (21)

领域中的热点论文 (1)

开放获取 (654)

精炼

出版年

Web of Science 类别

MATERIALS SCIENCE MULTIDISCIPLINARY (3,253)

MATERIALS SCIENCE COATINGS FILMS (2,388)

Web of ScienceInCitesJournal Citation ReportsEssential Science IndicatorsPublons

Web of Science

结果分析<<返回上一页9,385 个记录。 主题: (thermal barrier coating)

根据此字段排列记录:

设置显示选项:

排序方式:

作者

显示前 10 个分析结果。

最少记录数 (阈值): 2

☒ 记录数

☐ 已选字段

分析

作者分析

请使用以下复选框查看相应记录。您可以选择查看已选择的记录, 也可以排除这些记录 (并查看其他记录)。

查看记录

排除记录

将分析数据保存到文件

☒ 表格中显示的数据行

☐ 所有数据行 (最多 200,000)

	字段: 作者	记录数	占 9385 的 %	柱状图
<input type="checkbox"/>	GONG SK	141	1.502 %	I
<input type="checkbox"/>	VASSEN R	126	1.343 %	I
<input type="checkbox"/>	WANG Y	122	1.300 %	I
<input type="checkbox"/>	GUO HB	117	1.247 %	I
<input type="checkbox"/>	CAO XQ	98	1.044 %	I
<input type="checkbox"/>	WANG L	86	0.916 %	I
<input type="checkbox"/>	ZHOU YC	82	0.874 %	I
<input type="checkbox"/>	CLARKE DR	80	0.852 %	I
<input type="checkbox"/>	XIAO P	80	0.852 %	I
<input type="checkbox"/>	SCHULZ U	76	0.810 %	I

查看记录

将分析数据保存到文件

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排序方式:

机构

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查看记录

排除记录

将分析数据保存到文件

☒ 表格中显示的数据行

☐ 所有数据行 (最多 200,000)

	字段: 出版年	记录数	占 9385 的 %	柱状图
<input type="checkbox"/>	2017	797	8.797 %	■
<input type="checkbox"/>	2016	735	8.113 %	■
<input type="checkbox"/>	2014	673	7.428 %	■
<input type="checkbox"/>	2015	638	7.042 %	■
<input type="checkbox"/>	2013	535	5.905 %	■
<input type="checkbox"/>	2012	517	5.706 %	■
<input type="checkbox"/>	2011	505	5.574 %	■
<input type="checkbox"/>	2010	480	5.298 %	■
<input type="checkbox"/>	2008	466	5.143 %	■
<input type="checkbox"/>	2009	434	4.790 %	■

查看记录

将分析数据保存到文件

募格学术²⁵

创建引文报告

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Web of Science

Clarivate Analytics

检索 我的工具 检索历史 标记结果列表

检索结果: 9,385
(来自 Web of Science 核心合集)

您的检索: 主题: (thermal barrier coating) ...[更多内容](#)

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SCIENCE 卷: 296 期: 5566 页: 280-284 出
 [出版商处的全文](#)

☐ 2. Mechanisms controlling the durability of therm
作者: Evans, AG; Mumm, DR; Hutchinson, JW; 等
PROGRESS IN MATERIALS SCIENCE 卷:
 [出版商处的全文](#) [查看摘要](#)

☐ 3. Ceramic materials for thermal barrier coatings
作者: Cao, XQ; Vassen, R; Stoeber, D
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 卷: 24 期: 1 页: 1-10 出版年: 2004
 [出版商处的全文](#) [查看摘要](#)

☐ 4. Zirconates as new materials for thermal barrier coatings
作者: Vassen, R; Cao, XQ; Tietz, F; 等
JOURNAL OF THE AMERICAN CERAMIC SOCIETY 卷: 83 期: 8 页: 2023-2028 出版年: AUG 2000
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☐ 领域中的热点论文 (1)

☐ 开放获取 (654)

[精炼](#)

出版年

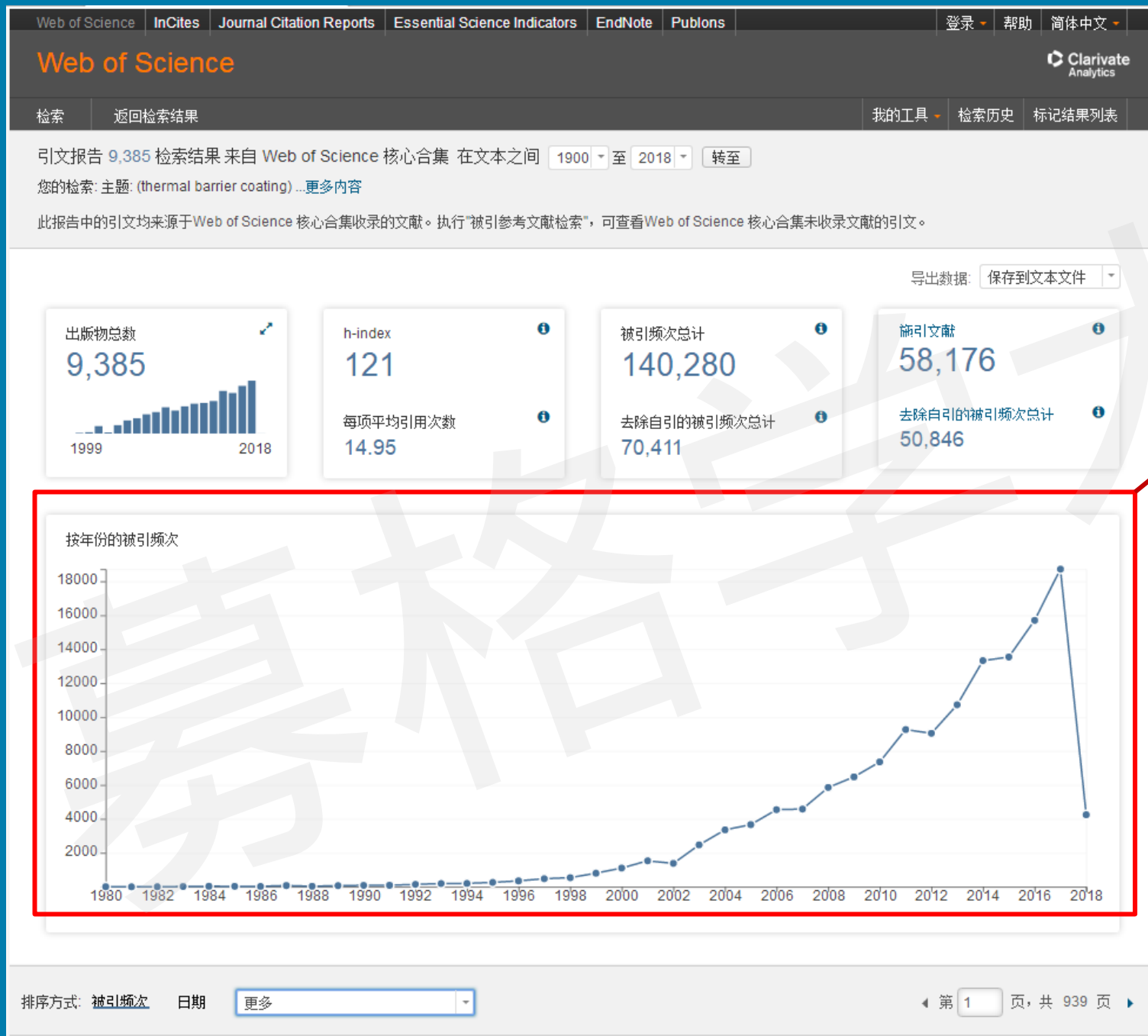
Web of Science 类别

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☐ MATERIALS SCIENCE COATINGS FILMS (2,388)

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作者: Padture, NP; Gell, M; Jordan, EH
SCIENCE 卷: 296 期: 5566 页: 280-284 出版年: APR 12 2002
- ☐ 2. **Mechanisms controlling the durability of thermal barrier coatings**
作者: Evans, AG; Mumm, DR; Hutchinson, JW; 等.
PROGRESS IN MATERIALS SCIENCE 卷: 46 期: 5 页: 505-553 出版年: 2001
- ☐ 3. **Ceramic materials for thermal barrier coatings**
作者: Cao, XQ; Vassen, R; Stoever, D
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY 卷: 24 期: 1 页: 1-10 出版年: 2004
- ☐ 4. **Zirconates as new materials for thermal barrier coatings**
作者: Vassen, R; Cao, XQ; Tietz, F; 等.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY 卷: 83 期: 8 页: 2023-2028 出版年: AUG 2000
- ☐ 5. **Irena: tool suite for modeling and analysis of small-angle scattering**
作者: Ilavsky, Jan; Jemian, Peter R.
JOURNAL OF APPLIED CRYSTALLOGRAPHY 卷: 42 页: 347-353 出版年: APR 2009

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90	77	84	108	33	747	49.80
49	50	73	60	13	571	30.05
82	75	64	79	25	508	50.80

2. 文献检索

2.1 概述

2.2 文献检索的途径

2.2.1 数据库

2.2.2 搜索引擎

2.3 文献追踪

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作者 AG Evans , DR Mumm , JW Hutchinson , GH Meier , FS Pettit

摘要 The durability of thermal barrier coatings is governed by a sequence of crack nucleation, propagation and coalescence events that accumulate prior to final...

出版源 《Progress in Materials Science》, 2001, 46 (5) :505-553

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DR Mumm , AG Evans - 《Key Engineering Materials》 被引量: 32 2001

[Finite Element Modeling of the Different Failure Mechanisms of a Plasma Sprayed Thermal Barrier Coatings System](#)
M Ranjbar-Far , J Absi , G Mariaux - 《Journal of Thermal Spray Technology》 被引量: 10 2012

[Bond strength, bond stress and spallation mechanisms of thermal barrier coatings](#)
M Gell , J Eric , V Krishnakumar , ... - 《Surface & Coatings Technology》 被引量: 130 1999

[Microstructure characterization of thermal barrier coating systems after controlled exposure to a high temperature](#)
JD Osorio , JP Hernández-Ortiz , A Toro - 《Ceramics International》 被引量: 11 2014

[Analysis of Thermally Grown Oxide Developed by Thermal Barrier Coatings with the Aid of Selective Deep Etching](#)
HM Tawancy - 《Metallography Microstructure & Analysis》 被引量: 1 2013

[Thermal barrier coating application processes](#)
MJ Maloney , DA Litton , KW Schlichting , ... - US 被引量: 1 2013

[Some recent trends in research and technology of advanced thermal barrier coatings ☆](#)
U Schulz , C Leyens , K Fritscher , ... - 《Aerospace Science & Technology》 被引量: 344 2003

[Remaining Fatigue Life Assessment of Plasma Sprayed Thermal Barrier Coatings](#)
P Robin , F Gitzhofer , P Fauchais , ... - 《Journal of Thermal Spray Technology》 被引量: 28 2010

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Thermal barrier coatings

RL Jones - Metallurgical and c
Abstract The fundamental driv
been the continuing quest for e
1940-1970, the temperature capa
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[图书] Thermal barrier coatings

H Xu, H Guo - 2011 - books.google.com

Effective coatings are essential to counteract the effects of corrosion and degradation of exposed materials in high-temperature environments such as gas turbine engines. Thermal barrier coatings reviews the latest advances in processing and performance of thermal
☆ 99 被引用次数: 43 相关文章

Thermal barrier coating

K Amano, H Takeda, T Suzuki, M Tamatani... - US Patent ..., 1988 - Google Patents

According to the present invention there is provided a thermal barrier coating wherein multilayers of (I) a ZrO₂ layer containing a luminous activator and stabilized by Y₂O₃, CaO, MgO or a mixture thereof and (II) a ZrO₂ layer containing a luminous activator different from
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J Thornton - Materials Forum, 1998

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Thermal barrier coating

NE Ballard - US Patent 4,332,618, 1982 - Google Patents

A thermal barrier coating adapted to provide a thermally insulating protective barrier on a component, the coating being capable of being applied to the components by spraying methods and being ductile when exposed to high temperatures. The coating comprises a
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Thermal Barrier Coatings

DR Clarke, SR Phillpot - 《Materials today》 - 2005 - 被引量: 174

ABSTRACT Somewhat surprisingly, the experimental investigation of thermal conductivity at very high temperatures has been a largely neglected field since the work of Kingery and colleagues in the 1950s6. They measured the thermal con...
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Mechanisms controlling the durability of thermal barrier coatings

AG Evans, DR Mumm, JW Hutchinson, ... - 《Progress in Mate...》 - 2001 - 被引量: 1068

The durability of thermal barrier coatings is governed by a sequence of crack nucleation, propagation and coalescence events that accumulate prior to fi...

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thermal barrier coatings

Ceramic materials for thermal barrier coatings

XQ Cao, R Vassen, D Stoever - 《Journal of the E...》 - 2004 - 被引量: 766

This paper summarizes the basic properties of ceramic materials for thermal barrier coatings.

Ceramics, in contrast to metals, are often more resistant ...

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Mechanical properties

Thermal barrier coatings

Thermal Barrier Coatings for Gas-Turbine Engine Applications

NP Padture, M Gell, EH Jordan - 《Science》 - 2002 - 被引量: 675

Hundreds of different types of coatings are used to protect a variety of structural engineering materials from corrosion, wear, and erosion, and to provide lubrication and thermal insulation. Of all these, thermal barrier coatings (TB...

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Thermal barrier coatings

按相关性

研究点分析

thermal barrier coatings

yttria stabilized zirconia

laser chemical vapor deposition

high deposition rate

thermal conductivity

plasma spray

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Thermal barrier coatings

RL Jones - Metallurgical and ceramic protective coatings, 1996 - Springer

Abstract The fundamental driving force for the development of thermal barrier coatings has been the continuing quest for ever higher temperatures in gas turbines. Over the period 1940-1970, the temperature capability of superalloys for gas turbine blades, which is

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Effective coatings are essential to counteract the effects of corrosion and degradation of exposed materials in high-temperature environments such as gas turbine engines. Thermal barrier coatings reviews the latest advances in processing and performance of thermal

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Thermal barrier coating

K Amano, H Takeda, T Suzuki, M Tamatani... - US Patent ..., 1988 - Google Patents

According to the present invention there is provided a thermal barrier coating wherein multilayers of (I) a ZrO₂ layer containing a luminous activator and stabilized by Y₂O₃, CaO, MgO or a mixture thereof and (II) a ZrO₂ layer containing a luminous activator different from

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NE Ballard - US Patent 4,332,618, 1982 - Google Patents

A thermal barrier coating adapted to provide a thermally insulating protective barrier on a component, the coating being capable of being applied to the components by spraying methods and being ductile when exposed to high temperatures. The coating comprises a

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DR Clarke, SR Phillpot - 《Materials Today》 - 2005 - 被引量: 174

ABSTRACT Somewhat surprisingly, the experimental investigation of thermal conductivity at very high temperatures has been a largely neglected field since the work of Kingery and colleagues in the 1950s6. They measured the thermal con...

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Thermal Barrier Coatings



Mechanisms controlling the durability of thermal barrier coatings

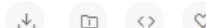
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Ceramic materials for thermal barrier coatings

XQ Cao, R Vassen, D Stoeber - 《Journal of the E... - 2004 - 被引量: 766

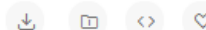
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Ceramics, in contrast to metals, are often more resistant ...

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Mechanical properties

Thermal barrier coatings



Thermal Barrier Coatings for Gas-Turbine Engine Applications

NP Padture, M Gell, EH Jordan - 《Science》 - 2002 - 被引量: 675

Hundreds of different types of coatings are used to protect a variety of structural engineering materials from corrosion, wear, and erosion, and to provide lubrication and thermal insulation. Of all these, thermal barrier coatings (TB...

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thermal barrier coatings

yttria stabilized zirconia

laser chemical vapor deposit

high deposition rate

thermal conductivity

plasma spray

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- 3 ceramics 111
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- 5 high deposition rate 5
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- 7 cannon firings erosi... 5
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- 9 plasma spray 10
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Thermal barrier coatings

WJ Brindley - Journal of Thermal Spray Technology, 1996 - Springer

If you've flown in a turbine-powered aircraft recently, you almost certainly flew in a plane that used thermal barrier coatings (TBCs) in the engines. What's more, if the plane you rode in used current generation turbine engines, the TBCs were included as a part of the initial

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[PDF] Thermal barrier coatings

SJ Grisaffe, SR Levine, JS Clark - 1978 - ntrs.nasa.gov

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D Zhu, RA Miller - us ARMY, 1997 - researchgate.net

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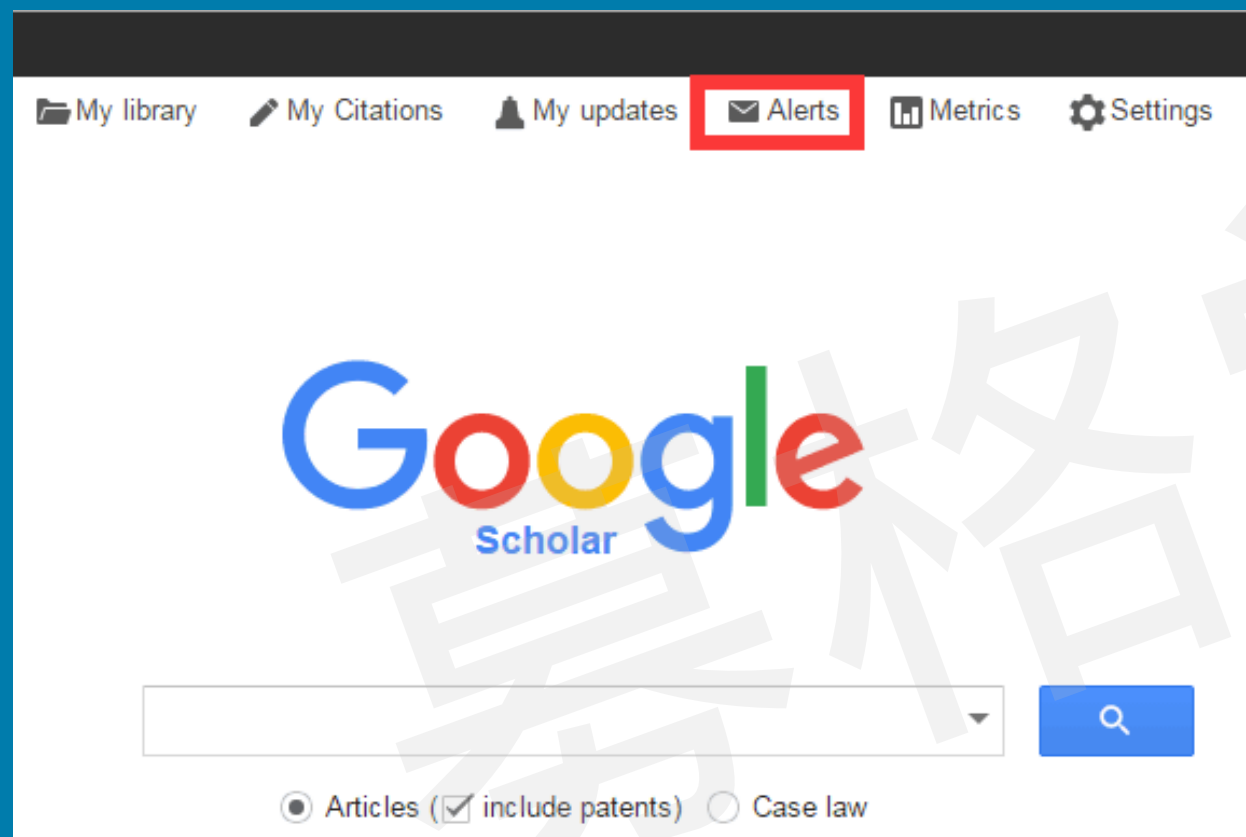
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Varistor ceramics DR Clarke Journal of the American Ceramic Society 82 (3), 485-502	1208	1999
Effective thermal conductivity of particulate composites with interfacial thermal resistance CW Nan, R Birringer, DR Clarke, H Gleiter Journal of Applied Physics 81 (10), 6692-6699	1177	1997
On the optical band gap of zinc oxide V Srikant, DR Clarke Journal of Applied Physics 83 (10), 5447-5451	1150	1998
Size dependent hardness of silver single crystals Q Ma, DR Clarke Journal of Materials Research 10 (4), 853-863	1141	1995
On the equilibrium thickness of intergranular glass phases in ceramic materials DR Clarke Journal of the American Ceramic Society 70 (1), 15-22	760	1987

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引用	32092	11559
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3.2 ResearchGate

The screenshot shows the ResearchGate website interface. At the top, there is a navigation bar with the ResearchGate logo (R⁶) on the left. In the center, there are three tabs: 'Home', 'Questions', and 'Jobs', which are highlighted with a red rectangular box. To the right of these tabs is a search bar with the placeholder text 'Search' and a magnifying glass icon. Further right are icons for a location pin, an envelope, a speech bubble with a '4' badge, and a user profile picture.

Below the navigation bar, the main content area is divided into two columns. The left column features a profile card for 'Muhammad Saeed'. The card includes a teal banner with the text 'With 319 new reads, Muhammad Saeed was the most read researcher from their institution last week' and a 'Like' button. Below the banner, the user's name 'Muhammad Saeed' is displayed, followed by their affiliation '25.18 · Northwest A & F University', their department 'Department of Animal Science', and links to 'Follow' and 'Message'. To the right of the text is a circular profile picture and the statistics '102 Publications · 84 Citations'.

Below the profile card is a section titled 'Suggested for you' with a document icon. It features a card for an article titled 'The genome-wide transcription response underlying the dorsal processes and dorsal setae of the body in *Dasyaphis mirabilis* (Aphididae: Calaphidinae)'. The card indicates it is an 'Article' from 'Mar 2018' and includes links for 'Request full-text', 'Follow', and 'Share'. The article has '15 Reads'.

The right column contains a section titled 'Do you have a research question?' with a prompt to 'Ask questions in Q&A to get help from experts in your field.' and buttons for 'Ask a question' and 'Ask me later'. Below this is a section titled 'Ad you may be interested in' featuring a Coursera advertisement for 'Applied Data Science with Python'. The ad includes a network diagram and text about gaining new insights into data. A 'Learn more' button is at the bottom.

At the bottom of the right column, there is a section titled 'Jobs you may be interested in' with a 'View more' link. The first job listing is 'Two Postdoctoral Positions -'.

3.2 ResearchGate

R^G Home **Questions** Jobs Search

Q&A Get answers to your research questions and share your expertise.

Ask

Questions we think you can answer

Katie Healy asked a question in Green Fluorescent Protein

Differing mRNA expression kinetics in different cell types. Mechanisms?

New Question Asked 14 hours ago

Hello, I am transfecting different immune cells with GFP mRNA (transcribed in vitro) in order to figure out the optimal conditions for subsequent experiments. As expected, I am observing an overall decrease in GFP expression over time, but I am noticing that at 72h some cells are still very high...

Answer [Follow](#) 5 Reads

Kathryn J Howard asked a question in NTP

Does any one have a supplier recommendation for inexpensive , yet reliable, NTP's for RNA work in gram quantities?

New Question Asked 12 hours ago

US suppliers preferred.

Your skills and expertise (29)

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Who to follow

Lei Ou

3.2 ResearchGate

R^g Home Questions **Jobs** Search

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We recommend jobs based on the information in your profile. Complete your profile to get the best suggestions.

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3.2 ResearchGate

The screenshot shows the ResearchGate profile of David R. Clarke. The interface includes a top navigation bar with 'Home', 'Questions', and 'Jobs' links, a search bar, and user interaction icons. The profile header features a circular profile picture, the name 'David R. Clarke', and a h-index of 47.11. A blue 'Follow' button is highlighted with a red box. Below the header is a tabbed menu with 'Overview', 'Contributions', 'Info', 'Scores', and 'Research Interests', where 'Overview' is selected. The overview section displays three statistics: 524 Research items, 34,489 Reads, and 22,952 Citations, all enclosed in a red box. The 'Affiliation' section lists 'Harvard University' with its location and department, accompanied by the university's crest. At the bottom, a '28 Following' section is highlighted with a red box, showing a row of profile pictures of users followed by David R. Clarke. A red arrow points from the 'Follow' button to a 'Message' button, which is also highlighted with a red box. Below the 'Message' button, it says 'You follow David. Unfollow'.

ResearchGate Profile: David R. Clarke

Follow

Overview Contributions Info Scores Research Interests

524 Research items
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Affiliation

Harvard University
Location: Cambridge, United States
Department: Area of Materials Science and Mechanical Engineering

28 Following

Message

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3.2 ResearchGate

Current research

Projects (3)

Ceramic materials

Project

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Thermal Barrier Coatings

Article

Jun 2005 · Materials Today

David R. Clarke · Simon Robert Phillpot



3.2 ResearchGate

The screenshot shows the ResearchGate profile of David R. Clarke. The profile includes a circular profile picture, the name "David R. Clarke", and a blue "Follow" button. Below the profile information are tabs for "Overview", "Contributions", "Info", "Scores", and "Research Interests". The "Contributions" tab is selected, showing a list of research items on the left and a list of projects on the right. The research items list includes "Projects (3)", "Research Items (524)", "Article (487)", "Chapter (18)", "Conference Paper (18)", "Data (1)", and "Full-texts (35)". The projects list includes "Ceramic materials", "HERMIT", and "Thin films". The "Projects (3)" and "Research Items (524)" items are highlighted with red boxes. The "Ceramic materials" project has a "Project" label, a "View" button, and a "Follow" button. The "HERMIT" project has a "Project" label, a "View" button, and a "Follow" button. The "Thin films" project has an "Archived project" label, a "View" button, and a "Follow" button. The "Research" tab is also visible, showing a list of research items.

Research

- Projects (3)
- Research Items (524)
- Article (487)
- Chapter (18)
- Conference Paper (18)
- Data (1)
- Full-texts (35)
- Questions
- Answers

Projects (3)

Ceramic materials

Project

View Follow

HERMIT

Project

View Follow

Thin films

Archived project

View Follow

1 Update

3.3

LinkedIn领英

in 领英

搜索

主页

人脉

职位

消息

通知

我

更多

升级帐号

Daniele Mandrioli

MD. Associate Director at Cesare Maltoni Cancer Research Center, Ramazzini Institute

Ramazzini Institute, Cesare Maltoni Cancer Research Center • University of California, Berkeley

意大利 • 217,000 人

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...

转发会员档案

InMail

关注

举报/屏蔽

My work focuses on Cancer Research (EBT).

In cancer research my work focuses on bioassays design and development at Ramazzini Institute, investigating the role of endogenous carcinogens in TSCA and EU REACH.

EBT aims to translate successful methods already in use in evidence based medicine and developing new tools specific for toxicology for evaluating and assessing internal and external validity of toxicological studies. I am investigating EBT applied to animal studies (cancer bioassays) and Conflict of Interest (COI) as source of bias.

联系方式及个人信息

Daniele 职业档案

展开

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LinkedIn

看过本页的会员还看了

Ennio Michele Brass

vice presidente presso museo del parco di portofino

Paola Presečki

Psychiatrist at Psychiatric Hospital "Sveti Ivan"

luca mozzati

storico dell'arte, fotografo, consulente progetti a carattere storico artistico

Chanel Mercado

Student at Monsignor Pace high school

3.3 LinkedIn 领英

工作经历



Associate Director

Ramazzini Institute, Cesare Maltoni Cancer Research Center
2012 年 1 月 1 日 0:00:00 - 至今 • 6.000 年



Adjunct Assistant Professor

Icahn School of Medicine at Mount Sinai
2015 年 1 月 1 日 0:00:00 - 至今 • 3.000 年



Postdoctoral Researcher

Johns Hopkins Bloomberg School of Public Health
2013 年 1 月 1 日 0:00:00 - 2015 年 1 月 1 日 0:00:00 • 2.000 年



Postdoc

UC Berkeley
2010 年 1 月 1 日 0:00:00 - 2011 年 1 月 1 日 0:00:00 • 1.000 年

教育经历



University of California, Berkeley

Post Doctorate, Cell/Cellular and Molecular Biology



Università di Bologna / University of Bologna

Doctor of Medicine (M.D.), Medicine, 110/110 cum laude



Humboldt-Universität zu Berlin

Medical Clinical Sciences/Graduate Medical Studies
2007 年 7 月 14 日 16:00:00 - 2008 年 7 月 14 日 16:00:00

11.0 出版作品

00

Aneuploidy: a common and early evidence-based biomarker for carcinogens and reproductive toxicants

2016 年 10 月 12 日 0:00:00 • Environmental Health 201615:97

其他作者



[查看作品](#)

Relationship between Research Outcomes and Risk of Bias, Study Sponsorship, and Author Financial Conflicts of Interest in Reviews of the Effects of Artificially Sweetened Beverages on Weight Outcomes: A Systematic Review of Reviews

2016 年 9 月 8 日 0:00:00 • PLoS One. 2016 Sep 8;11(9):e0162198

其他作者



[查看作品](#)

Differences in the carcinogenic evaluation of glyphosate between the International Agency for Research on Cancer (IARC) and the European Food Safety Authority (EFSA).

2016 年 3 月 3 日 0:00:00 • J Epidemiol Community Health.

3.3 LinkedIn 领英

精选技能

Research · 15.000

 Roberto Lucchini和其他 1.000 位同行专家认可了该技能

 2.000 位 Daniele 的 Ramazzini Institute 同事认可了该技能

Science · 9.000

 2.000 位 Daniele 的 Ramazzini Institute 同事认可了该技能

Cell Biology · 7.000

 2.000 位 Daniele 的 Ramazzini Institute 同事认可了该技能

Daniele 也擅长...

Molecular Biology · 6.000

Biochemistry · 2.000

Cell Culture · 2.000

English · 2.000

Medicine · 1.000

Life Sciences · 6.000

Toxicology · 5.000

Cancer Research · 4.000

Environmental He... · 2.000

Conflict Of Interest

人脉关系



您



Shi-Jiang (John) Lu

Shi-Jiang (John) 可以将您引荐给认识 Daniele 的人 ▶



Daniele Mandrioli

3.4 MENDELEY



MENDELEY DATA Browse My datasets New dataset

Put your research data online today

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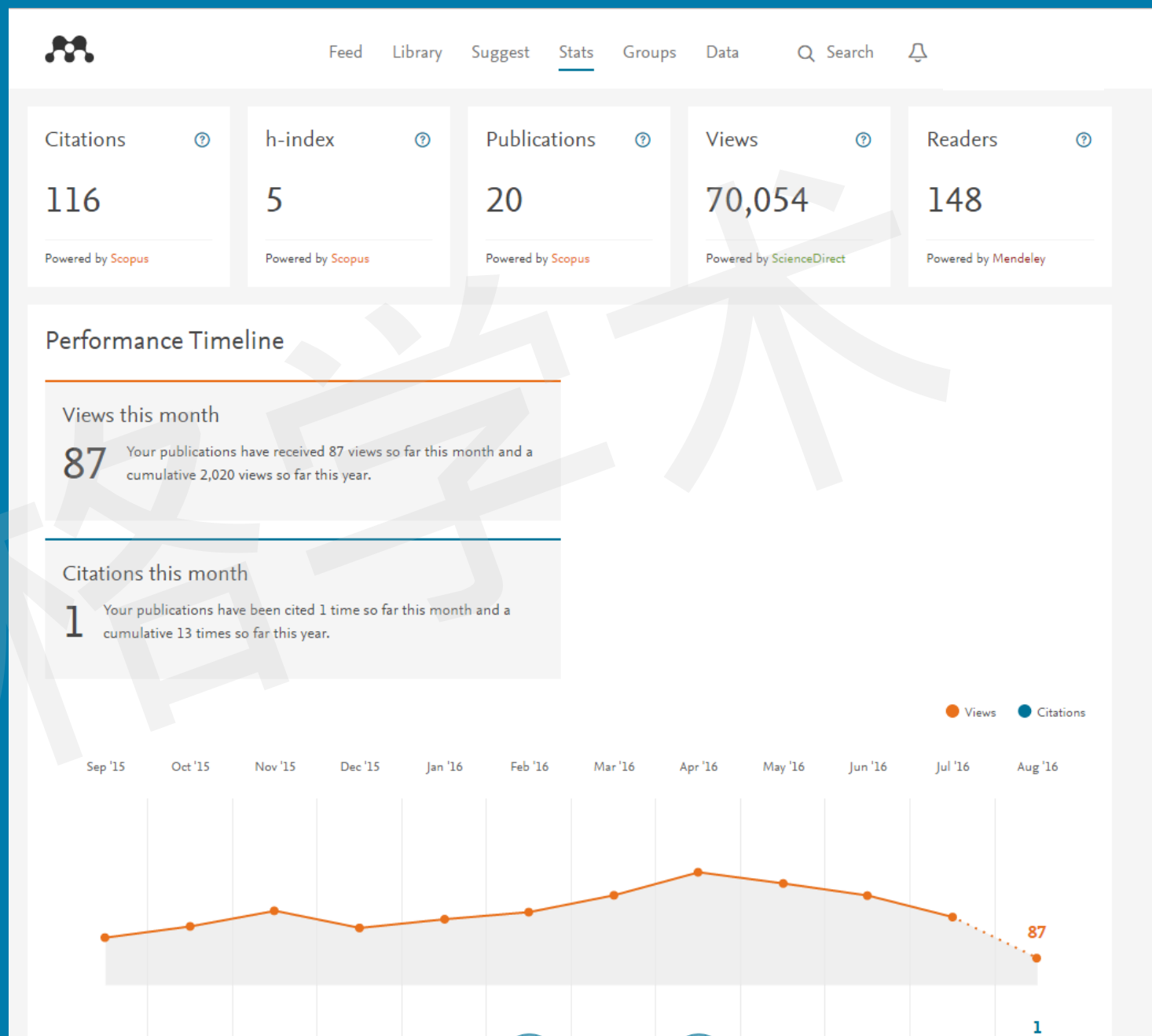
▼

For datasets big and small

Store your research data online

Quickly and easily upload files of any type and we will host your research data for you. Your experimental research data will have a permanent home on the web that you can refer to.

3.4 MENDELEY



3.4 MENDELEY

The screenshot shows a Mendeley profile for Torgeir Dingsøyr. The header includes navigation links: Feed, Library, Suggest, Stats, Groups, Data, Search, and a user profile icon. The profile section features a photo of Torgeir Dingsøyr, his name, title (Dr. Ing, Senior Scientist at SINTEF ICT), and statistics (2338 Readers, 15 Publications). There are buttons for 'Message' and 'Follow'. Below the profile, the 'Research Interests' section lists 'Software process improvement', 'Knowledge management', and 'Agile software development'. The 'Publications' section shows a list of works, with the first one, 'Managing Knowledge in Global Software Development Projects', highlighted. This publication entry includes the authors 'Dingsøyr T, Smitte D', the year 'IT Professional (2013)', and '5 Readers'. A red box highlights the '+ Save' and 'Full text' links for this publication. Below it, another publication 'A Decade of Agile Methodologies: Towards Explaining Agile Software Development' is visible, with authors 'Dingsøyr T, Sridhar S, Balijepally V, Moe N' and '687 Readers'. The left sidebar shows 'Followers (3)' with profiles of Oscar M. Rodriguez, Albert Mauricio Va..., and Christoph Johann..., and 'Following (1)' with Christoph Johann....

Feed Library Suggest Stats Groups Data Search Icey IL

Torgeir Dingsøyr
Dr. Ing
Senior Scientist
SINTEF ICT
2338 Readers 15 Publications
Message Follow

Research Interests
Software process improvement
Knowledge management
Agile software development

Followers (3)
 Oscar M. Rodrigue...
Instituto Tecnológico ...
Follow
 Albert Mauricio Va...
Follow
 Christoph Johann ...
University of Leiden S...
Follow

Following (1)
 Christoph Johann ...
Follow

Publications All (15)
Managing Knowledge in Global Software Development Projects
Dingsøyr T, Smitte D
IT Professional (2013)
5 Readers
+ Save Full text
A Decade of Agile Methodologies: Towards Explaining Agile Software Development
Dingsøyr T, Sridhar S, Balijepally V, Moe N
Journal of Systems and Software (2012)
687 Readers
+ Save Full text

3.4 MENDELEY

The screenshot displays the Mendeley Desktop application window. The interface includes a menu bar (File, Edit, View, Tools, Help), a toolbar with icons for adding files, folders, and syncing, and a search bar. The left sidebar contains a 'Mendeley' section with 'Literature Search' and 'Mendeley Suggest', a 'My Library' section with 'All Documents', 'Recently Added', 'Recently Read', 'Favorites', 'My Publications', and 'Unsorted', and a 'Groups' section with 'Create Group...'. Below the sidebar is a 'Filter by Authors' list. The main area shows a table of documents under the 'All Documents' tab. The table has columns for Authors, Title, Year, Published In, and Added. The first document is 'Exomic Sequencing Identifies PALB2 as a Pancreatic Cancer Susceptibility Gene' by Jones, Sian; Mruban, R... published in Science in 2009. A details panel on the right shows the document's type (Journal Article), authors (S. Jones, R. Mruban, M. Kamiyama et al.), journal (Science), year (2009), volume (324), issue (5924), and pages (217). The abstract is also visible. A 'Details' panel at the bottom shows 'GENERAL NOTES' and 'PRIVATE ANNOTATIONS'.

Mendeley Desktop

File Edit View Tools Help

Add Files Folders Related Share Sync

Search...

xiaolin XM

Mendeley

- Literature Search
- Mendeley Suggest

My Library

- All Documents
- Recently Added
- Recently Read
- Favorites
- My Publications
- Unsorted
- Create Folder...

Groups

- Create Group...

Trash

- All Deleted Documents

Filter by Authors

- All
- Atkinson, Alan
- Borges, Michael
- Brune, Kieran
- Chen, Y.
- Chu, S T
- Eshleman, James R.
- Goggins, Michael
- Mruban, Ralph M.
- Iacobuzio-Donahue, Christine A.
- Jaffee, Elizabeth M.
- Javed, A.
- Jones, Sian
- Kamiyama, Mihoko
- Kern, Scott E.
- Kinzler, Kenneth W.
- Klein, Alison P.
- Lee, Gary
- Li, P.
- Liang, G. Y.
- Lin, Jimmy Cheng-Ho
- Little, B E
- Maitra, Anirban
- Molchan, I. S.

All Documents Edit Settings

★	●	📄	Authors	Title	Year	Published In	Added
★	●	📄	Jones, Sian; Mruban, R...	Exomic Sequencing Identifies PALB2 as a Pancreatic Cancer Susceptibility Gene	2009	Science	9月 29
★	●	📄	Zhu, C.; Zhao, X.; Ch...	Spallation Behaviour of Alumina Scale Formed on FeCrAlY Alloy After Isothermal Oxidation	2016	Oxidation of Metals	9:43am
★	●	📄	Wang, Xin; Ooi, Thian ...	The influence of la doping on the oxidation mechanism and stresses in the thermally grown oxide on CMEX-4 with Pt-aluminide bond coat	2009	Oxidation of Metals	9:43am
★	●	📄	Peccianti, M; Pasquar...	Demonstration of a stable ultrafast laser based on a nonlinear microcavity	2012	Nature Communications	9:43am
★	●	📄	Zhu, C.; Li, P.; Jave...	An investigation on the microstructure and oxidation behavior of laser remelted air plasma sprayed thermal barrier coatings	2012	Surface and Coatings Technology	9:43am

Details Notes Contents

Type: Journal Article

Exomic Sequencing Identifies PALB2 as a Pancreatic Cancer Susceptibility Gene

Authors: S. Jones, R. Mruban, M. Kamiyama et al.

View research catalog entry for this paper

Journal: Science

Year: 2009

Volume: 324

Issue: 5924

Pages: 217

Abstract:

Through complete sequencing of the protein-coding genes in a patient with familial pancreatic cancer, we identified a germline, truncating mutation in PALB2 that appeared responsible for this patient's predisposition to the disease. Analysis of 96 additional patients with familial pancreatic cancer revealed three distinct protein-truncating mutations, thereby validating the role of PALB2 as a susceptibility gene for pancreatic cancer. PALB2 mutations have been previously reported in patients with familial breast cancer, and the PALB2 protein is a binding partner for BRCA2. These results illustrate that complete, unbiased sequencing of protein-coding genes can lead to the identification of a gene responsible for a hereditary disease.

Tags:

Author Keywords:

GENERAL NOTES B I U

PRIVATE ANNOTATIONS

xiaolin He 2m ago

Add a note...

1 of 5 documents selected

3.4 MENDELEY



Demonstration of a stable ultrafast laser based on a nonlinear microcavity

by M Peccianti, A Pasquazi, Y Park, B E Little, S T Chu, D J Moss, R Morandotti

[Save reference to library](#) [Share](#) [f](#) [t](#) [e](#)

Overview

Related research

Nature Communications (2012)

Volume: 3, Publisher: Nature Publishing Group, a division of Macmillan Publishers Limited. All Rights Reserved., Pages: 765

ISSN: 2041-1723
ISBN: 2041-1723 (Electronic) | 2041-1723 (Linking)
DOI: 10.1038/ncomms1762
PubMed: 22473009

[Get full text at journal](#)

Abstract

Ultrashort pulsed lasers, operating through the phenomenon of mode-locking, have had a significant role in many facets of our society for 50 years, for example, in the way we exchange information, measure and diagnose diseases, process materials, and in many other applications. Recently, high-quality resonators have been exploited to demonstrate optical combs. The ability to phase-lock their modes would allow mode-locked lasers to benefit from their high optical spectral quality, helping to realize novel sources such as precision optical clocks for applications in metrology, telecommunication, microchip-computing, and many other areas. Here we demonstrate the first mode-locked laser based on a microcavity resonator. It operates via a new mode-locking method, which we term filter-driven four-wave mixing, and is based on a CMOS-compatible high quality factor microring resonator. It achieves stable self-starting oscillation with negligible amplitude noise at ultrahigh repetition rates, and spectral linewidths well below 130 kHz.

Related [Papers](#) [Groups](#)

[Demonstration of a stable erbium-fiber-laser-based frequency comb based on a single rubidium atomic resonator](#)
Dong Hou, Bo Ning, Jiutao Wu, Zhong Wang, Jianye Zhao in *Applied Physics Letters* (2013)
[Save reference](#) [Get full text at journal](#) 8 readers

Multi-color ultrafast laser platform for nonlinear optical

Authors on Mendeley

Marco Peccianti
Post Doc
University of Sussex
10 followers

Readership Statistics

106 Readers on Mendeley

by Discipline

- 60% Physics and Astronomy
- 33% Engineering
- 3% Agricultural and Biological Sciences

by Academic Status

- 35% Student > Ph. D. Student
- 24% Researcher
- 8% Student > Master

by Country

- 5% United States
- 2% United Kingdom
- 2% Italy


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[group - China - Univers...](#)
[group - Italy - CNR](#)
[group - USA - Infinera](#) [GVD](#) [Hydex](#)

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3.5 RESEARCHERID

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Clarke, David R [Get A Badge](#) [ResearcherID Labs](#)

ResearcherID: D-2616-2009
URL: <http://www.researcherid.com/rid/D-2616-2009>
Keywords: materials; oxides; thermal barrier coatings; piezospectroscopy

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Sub-org/Dept:
Role: Faculty
Past Institutions: University of Cambridge; national physical laboratory; University of California, Berkeley; Massachusetts Institute of Technology, MIT; Rockwell International Science Center; IBM Research; University of CA-Santa Barbara

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343 publication(s) ◀◀ Page 1 of 35 Go ▶▶ Sort by: Publication Year ▼ Results per page: 10 ▼

- Title: Aqueous Epitaxial Growth of ZnO on Single Crystalline Au Microplates added 29-Jun-13
Author(s): Joo, J. H.; Greenberg, K. J.; Baram, M.; et al.
Source: Crystal Growth & Design Volume: 13 Issue: 3 Pages: 986-991 Published: 2013
Times Cited: 4
DOI: 10.1021/cg301582a 
- Title: Tunable lenses using transparent dielectric elastomer actuators added 29-Jun-13
Author(s): Shian, S.; Diebold, R. M.; Clarke, D. R.
Source: Optics Express Volume: 21 Issue: 7 Pages: 8669-8676 Published: 2013
Times Cited: 70
DOI: 10.1364/oe.21.008669 
- Title: Dielectric elastomer actuators under equal-biaxial forces, uniaxial forces, and uniaxial constraint of stiff fibers added 25-Jun-13
Author(s): Lu, T. Q.; Huang, J. H.; Jordi, C.; et al.
Source: Soft Matter Volume: 8 Issue: 22 Pages: 6167-6173 Published: 2012
Times Cited: 67
DOI: 10.1039/c2sm25692d 

3.6 ORCID

Open Researcher and Contributor ID

“开放科研人员与贡献
者的身份识别码”

The screenshot shows the ORCID iD profile for Lisa M. DeBruine. The profile includes the following information:

- ORCID ID:** 0000-0002-7523-5539
- Country:** United Kingdom
- Keywords:** visual adaptation, social perception, masculinity, facial resemblance, faces, attractiveness, aftereffects, kin recognition
- Email:** lisa.debruine@glasgow.ac.uk
- Other IDs:** ResearcherID: A-7850-2008, Scopus Author ID: 8541824900
- Education (4):**
 - McMaster University: Hamilton, Ontario, Canada** (2000-09 to 2004-09-01)
PhD (Department of Psychology)
Source: Lisa M. DeBruine | Created: 2014-04-24
 - University of Michigan: Ann Arbor, MI, United States** (1999-09 to 2000-05-01)
Graduate Certificate (Women's Studies)
Source: Lisa M. DeBruine | Created: 2014-04-24
 - University of Michigan: Ann Arbor, MI, United States** (1998-09 to 2000-05-01)
MSc (Biology)
Source: Lisa M. DeBruine | Created: 2014-04-24
 - University of Michigan: Ann Arbor, MI, United States** (1994-09 to 1998-05-01)
BSc (Biopsychology & Anthropological Zoology)
Source: Lisa M. DeBruine | Created: 2014-04-24
- Employment (3):**
 - University of Glasgow: Glasgow, Scotland, United Kingdom** (2012-06 to present)
Reader (Institute of Neuroscience and Psychology)
Source: Lisa M. DeBruine | Created: 2014-04-24

The ORCID logo and tagline "Connecting Research and Researchers" are visible at the top left. Navigation links for "FOR RESEARCHERS", "FOR ORGANIZATIONS", "ABOUT", "HELP", and "SIGN IN" are at the top right. A statistic "2,674,014 ORCID iDs and counting. See more..." is also present.

4. 文献管理

4. 文献管理

- 只有对感兴趣的领域的文献进行分类，在读文献时才不会迷路；
- 文献少的时候，可以按照搜索主题词或数据库分类；
- 文献量增加时，建议利用专门的文献管理软件，
如NoteExpress、Reference Manager、Endnote、Biblioscape。

4.1 文献的简单分类

名称	大小	类型	修改日期
2008-3-31关键词fiber irradiation 在Elsevier Science期刊中查到的资料		文件夹	2008-4-11 16:54
2008-3-31关键词fiber irradiation杂志Radiation Physics and Chemistry中查到的资料		文件夹	2008-4-21 16:35
2008-4-20 molecular imprinting关键词在Elsevier查到的部分资料		文件夹	2008-4-21
2008-4-20 molecular imprinting关键词在John Wiley和ACS查到的部分资料		文件夹	2008-4-21
2008-4-20醋酸乙烯酯-接枝关键词在维普上查的资料		文件夹	2008-4-21
1995-Modification of cotton, rayon and silk fibers by radiation induced graf...	437 KB	Adobe...	2008-3-27
1997-Radiation grafting of dimethylaminopropylacrylamide and dimethylaminopr...	506 KB	Adobe...	2008-3-27
2007-Radiosynthesis of hydrogel confined to hollow-fiber membranes for the d...	298 KB	Adobe...	2008-3-27
2007-Variation of mechanical and thermal properties of the thermoplastics re...	330 KB	Adobe...	2008-3-27

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注意下载的时候就归类，将不同类别或内容的文献分别置于不同的文件夹中。

对于全文文献以出版时间和题目命名

International Journal of Inorganic Materials 1999, 1, 97–102 Mesoporous silica with controlled porous structure and regular morphology (BMS的制备)

杂志，卷数，页码，文题。跟个括号加一目了然的附注

4.2 文献管理软件

- Endnote
- Mendeley
- Reference Manager
- Zotero
- ReadCube
- NoteExpress (国产的)