

工欲善其事，必先利其器

—Web of Science新平台助力创新科学研究

袁庆文

科睿唯安

2022.11.7

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 - 如何选择合适的投稿期刊？
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1. 数据与资源： Web of Science简介

Web of Science 平台

全面了解世界自然科学、社会科学和人文艺术的研究



34,000+ 种
期刊

21,000+ 种
核心合集集中的期刊

20 亿+ 篇
参考文献

1.79 亿+ 条
文献记录

1,650 万 + 条
基金资助信息

9,720万 条
专利记录

1,100万 个
数据集

1900年
最早的数据回溯年限

225,000 条
会议记录

123,900+ 种
图书

WOS平台在科研中的价值



广度



质量



深度



独特



Web of Science Group

Web of Science核心合集数据库

期刊

- Science Citation Index Expanded (科学引文索引)
178 学科的9500多种高质量学术期刊
- Social Sciences Citation Index (社会科学引文索引)
58 社会科学学科的3500多种权威学术期刊
- Arts & Humanities Citation Index (艺术与人文引文索引)
28 人文艺术领域1800多种国际性的学术期刊
- Emerging Sources Citation Index (新兴资源引文索引)
254 学科的7700多种国际性学术期刊

会议

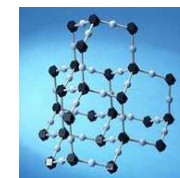
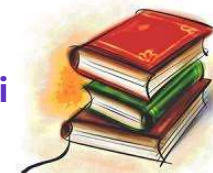
- Conference Proceedings Citation Index- Science+ Social Science & Humanities
(会议录引文索引- 自然科学版+ 社会科学与人文版)
超过225,000 会议录, 涉及250多个学科

图书

- Book Citation Index - Science + Social Science & Humaniti
(图书引文索引-自然科学版 + 社会科学与人文版)
收录超过123,900 学术专著, 同时每年增加10,000种新书

化学

- IC/CCR(化学类数据库)
包括超过125万种化学反应信息及655万种化合物



WOS平台在科研中的价值



广度



质量



深度



独特

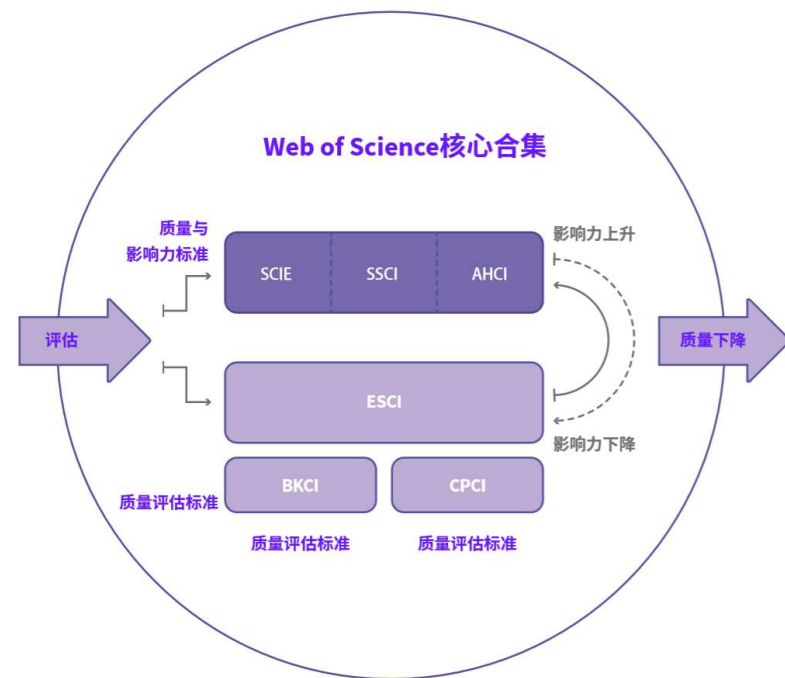


Web of Science Group

Web of Science核心合集数据库

- ❖ 根据文献计量学中的布莱德福定律 (Bradford's law), 在各个学科领域中, 少数的核心期刊汇集了足够的信息, 反映科学发展中最重要的成果与进展, 因而WOS核心合集仅收录各学科领域中的重要学术期刊。
- ❖ Web of Science™核心合集严格遵循50多年来一贯的选刊标准, 遴选全球最具学术影响力的高质量期刊。
- ❖ 完整收录每一篇文章的全部信息, 包括全面的**引文信息**。

客观、择优、动态收录



确认期刊收录状态、精准访问期刊官网

The screenshot displays the Web of Science search interface. At the top left is the Clarivate logo. The top right corner features a language dropdown set to '简体中文' and a '产品' (Products) menu. The main header includes 'Web of Science™ 检索'. A vertical navigation menu on the left contains icons for home, search, and user profile. The central search area is titled '文献' (Literature) and '研究人员' (Researchers). Below the title, it shows the selected database as 'Web of Science 核心合集' and the index as 'All'. There are three tabs: '文献' (selected), '被引参考文献' (Cited References), and '化学结构' (Chemical Structures). The search input field contains the text '示例: oil spill* mediterranean'. Below the input field are buttons for '+ 添加行' (Add Row), '+ 添加日期范围' (Add Date Range), and '高级检索' (Advanced Search). At the bottom right of the search area are '清除' (Clear) and '检索' (Search) buttons. The footer includes the Clarivate logo and a help icon with the number '15'.

主期刊列表

Web of Science

Master Journal List

使用情况报告

InCites Benchmarking & Analytics

Journal Citation Reports™

Essential Science Indicators

Reference Manager

EndNote

EndNote Click

主期刊列表-下载期刊列表



Master Journal List

[Search Journals](#)

[Match Manuscript](#)

[Downloads](#)

[Help Center](#)

Welcome, qingwen yuan

[Settings](#)

[Log Out](#)



The power of the Web of Science™ on your mobile device, wherever inspiration strikes.

[Dismiss](#)

[Learn More](#)

Collection List Downloads

[Web of Science Core Collection](#)

[Additional Web of Science Indexes](#)

Web of Science Core Collection

Last Updated: August 21, 2021

The Web of Science Core Collection™ includes the Science Citation Index Expanded™ (SCIE), Social Sciences Citation Index™ (SSCI), Arts & Humanities Citation Index™ (AHCI), and Emerging Sources Citation Index™ (ESCI). Web of Science Core Collection includes only journals that demonstrate high levels of editorial rigor and best practice. The Journal Citation Reports™ includes journals from the SCIE and SSCI.

Each collection list download includes the journal title, ISSN/eISSN, publisher name and address, language, and category.



Science Citation Index Expanded (SCIE)



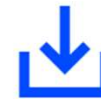
Social Sciences Citation Index (SSCI)



Arts & Humanities Citation Index (AHCI)



Emerging Sources Citation Index (ESCI)



JCR 2021

下载SCIE最新期刊列表

Additional Web of Science Indexes

Last Updated: August 21, 2021

WOS平台在科研中的价值



广度



质量



深度

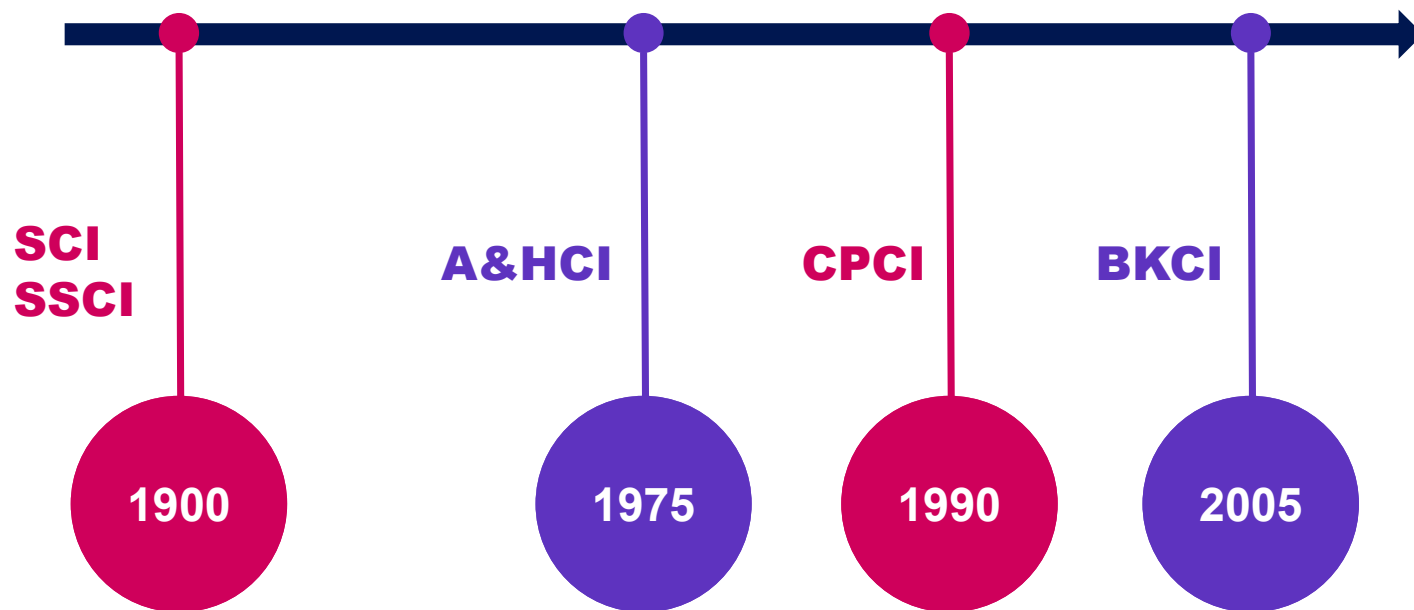


独特



Web of
Science
Group

Web of Science核心合集数据库



- 基于早期的期刊、报告、出版物来定位当前研究；
- 追溯某一观点从首次提出至今的历史脉络与方法论；
- 进行更深入、更全面的检索，并跟踪百年的研究发展趋势。

WOS平台在科研中的价值



广度



质量



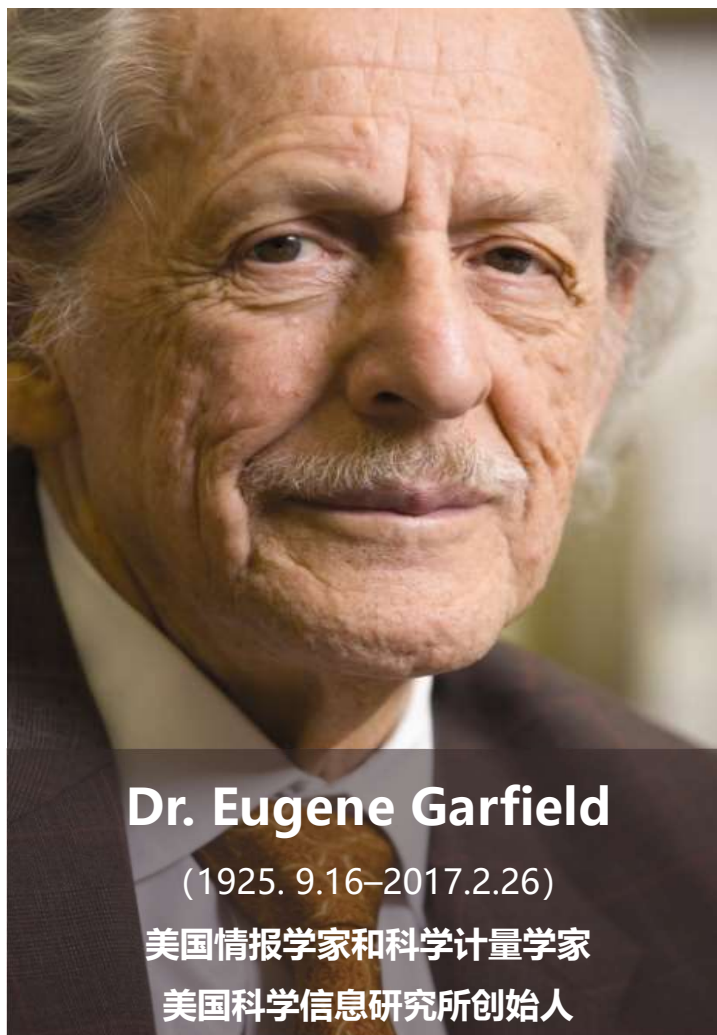
深度



独特



Web of Science核心合集数据库



Dr. Eugene Garfield

(1925. 9.16–2017.2.26)

美国情报学家和科学计量学家

美国科学信息研究所创始人

Citation Index
引文索引

Citation Indexes for Science

A New Dimension in Documentation
through Association of Ideas

Eugene Garfield

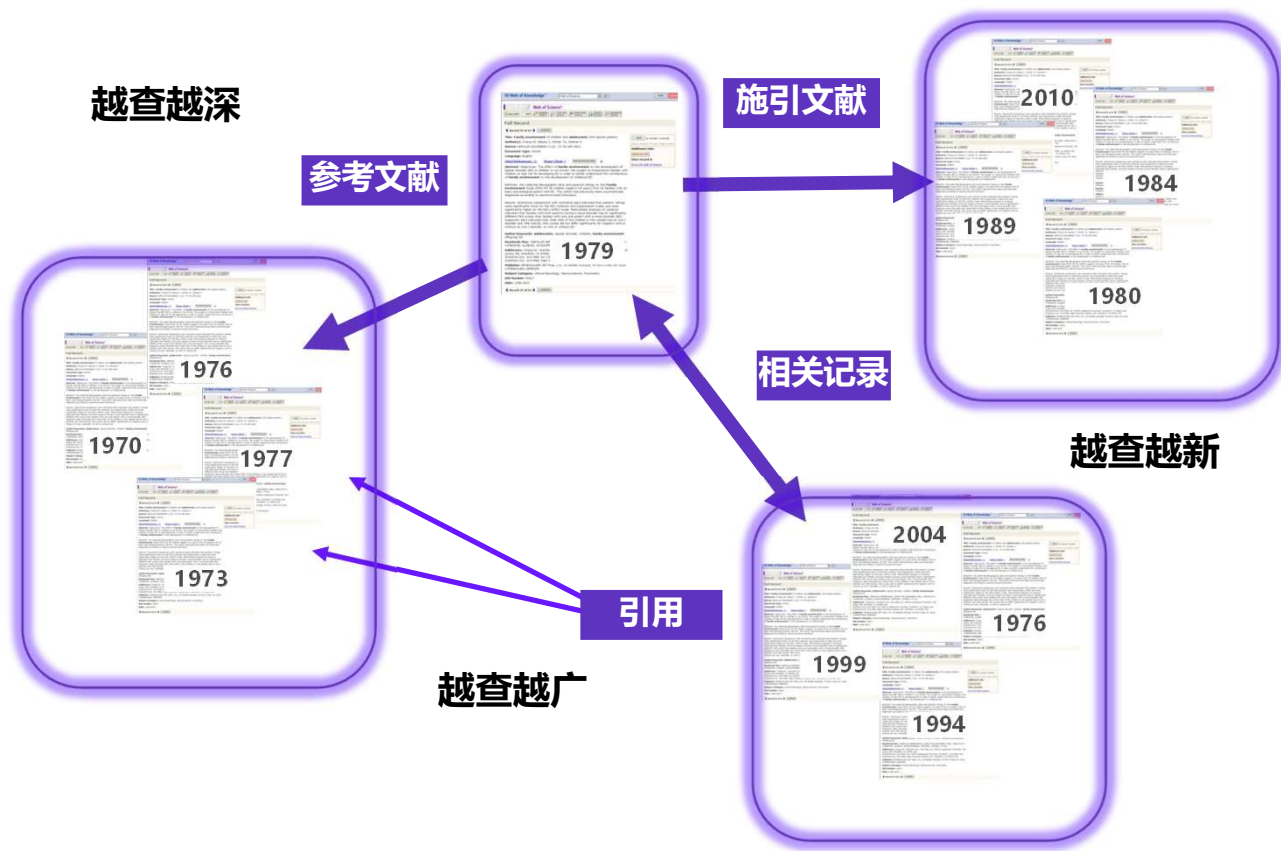
“The uncritical citation of disputed data by a writer, whether it be deliberate or not, is a serious matter. Of course, knowingly propagandizing unsubstantiated claims is particularly abhorrent, but just as many naive students may be swayed by unfounded assertions presented by a writer who is unaware of the criticisms. Buried in scholarly journals, critical notes are increasingly likely to be overlooked with the passage of time, while the studies to which they pertain, having been reported more widely, are

approach to subject control of the literature of science. By virtue of its different construction, it tends to bring together material that would never be collated by the usual subject indexing. It is best described as an association-of-ideas index, and it gives the reader as much leeway as he requires. Suggestiveness through association-of-ideas is offered by conventional subject indexes but only within the limits of a particular subject heading.

If one considers the book as the macro unit of thought and the periodical article

Dr. Garfield 1955年在 *Science* 发表论文提出将引文索引作为一种新的文献检索与分类工具：将**一篇文献**作为检索字段从而跟踪一个Idea的发展过程及学科之间的交叉渗透的关系。

划重点：引文索引 OR 关键字检索



从一篇高质量的文献出发，沿着
科学研究的发展道路前行

访问方式

Web of science.com

The screenshot shows the Web of Science search page. At the top left is the Clarivate logo. The main header reads "Web of Science™ 检索". On the right, there is a navigation menu with "Journal Citation Reports™" highlighted in a red box. A green box labeled "JCR" is positioned to the right of this menu item. On the left side, a vertical navigation bar contains several items: "标记结果列表", "历史", "研究人员个人信息", and "保存的检索式和跟踪". The main search area is divided into two tabs: "文献" (Literature) and "研究人员" (Researchers). Below the "文献" tab, there is a dropdown menu for "选择数据库: Web of Science 核心合集" and "引文索引: All". A green box labeled "数据库选择" is placed over this area. Below that, there are three search method options: "文献", "被引参考文献", and "化学结构". A green box labeled "检索方式" is placed over these options. A search input field contains the text "主题" and "示例: oil spill* mediterranean". Below the input field are buttons for "+ 添加行", "+ 添加日期范围", and "高级检索". At the bottom right of the search area are "清除" and "检索" buttons. The footer contains the Clarivate logo and a help icon with the number "15".

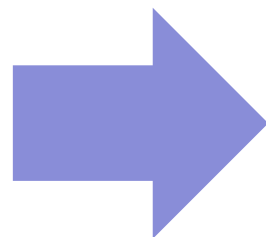
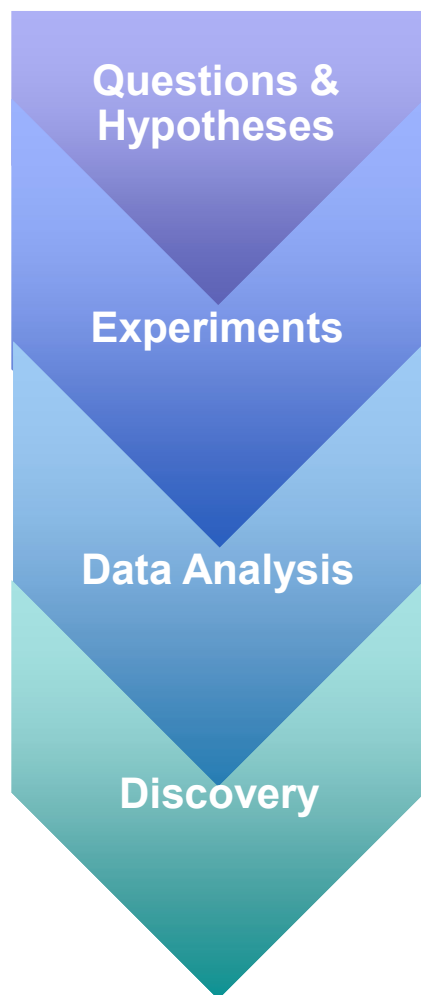
2. Web of Science在科研选题与 投稿选刊中的应用

Research Workflow



- 检索相关研究 分析现有研究结果 发现问题 提出假说
- 制定实验方案 定义实验步骤 试验 资料汇总
- 数据可视化 数据验证 调整试验 验证假说
- 撰写研究论文 发表论文

Web of Science在科研选题与投稿选刊中的应用



- 如何洞悉本领域的研究前沿?
- 如何高效开展课题调研?
- 如何高效管理文献, 实现文献资源共享?
- 如何快速获取最新研究进展?
- 如何选择合适的投稿期刊?

选题的方法与思路

1. 如何洞悉本领域的研究前沿?

如何洞悉本领域的研究前沿?

Research Fronts 研究前沿报告

科睿唯安与中国科学院合作发布《2014研究前沿》、《2015研究前沿》、《2016研究前沿》、《2017研究前沿》、《2018研究前沿》、《2019研究前沿》、《2020研究前沿》、《2021研究前沿》



如何洞悉本领域的研究前沿?

学科分类 (11个大学科领域)

- 农业、植物学和动物学
- 地球科学
- 生物科学
- 物理学
- 数学
- 经济学、心理学及其他社会科学
- 生态与环境科学
- 临床医学
- 化学与材料科学
- 天文学与天体物理学
- 信息科学

Research Fronts 研究前沿报告



生态与环境科学

1. 热点前沿及重点热点前沿解读	21
1.1 生态与环境科学领域 Top 10 热点前沿发展态势	21
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2. 新兴前沿及重点新兴前沿解读	30
2.1 新兴前沿概述	30
2.2 重点新兴前沿解读——“大气二氧化氮水平与新冠肺炎死亡率升高相关”	30

《2021研究前沿》生态与环境科学领域Top10热点前沿

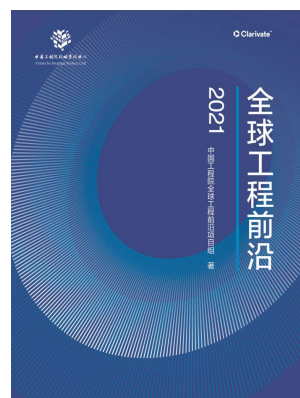


表 7 生态与环境科学领域 Top 10 热点前沿

排名	热点前沿	核心论文	被引频次	核心论文平均出版年
1	空气、水体、物体表面等环境中新型冠状病毒的检测与传播	31	1843	2020
2	新冠肺炎疫情期间的封锁隔离措施对空气质量的影响	27	1295	2020
3	昆虫衰退现状、灭绝危机与驱动因素	20	1828	2019.4
4	燃煤及工业烟气中汞污染的消除	27	1225	2018.9
5	微塑料在土壤中的暴露及对土壤生态系统的影响	29	2657	2018.2
6	全氟和多氟烷基化合物的分布、暴露、毒理和污染控制技术	36	3008	2018.1
7	低成本大气颗粒物传感器性能评估	17	1395	2018.1
8	气溶胶与大气边界层相互作用及其对空气质量的影响	22	1977	2018
9	全球空气污染造成的死亡率和疾病负担估计	3	1884	2018
10	物种界定方法的改进	11	1351	2018

与工程院合作全球工程前沿

全球工程焦点 2017



《2021全球工程前沿》报告基于 Web of Science 核心合集 2015~2020 年的 SCI 期刊论文和会议论文数据，结合专家提名，经过论证、问卷调查和研讨，围绕 9 个领域，遴选出 93 个年度工程研究前沿和 93 个工程开发前沿。其中能源与矿业工程领域在研究前沿与开发前沿各有 12 项入选，化工冶金与材料工程领域各有 11 项入选，机械与运载工程、信息与电子工程、土木水利与建筑工程、环境与轻纺工程、农业、医药卫生、工程管理等领域均各有 10 项入选。

《2021全球工程前沿》报告下载地址：

<https://img02.ma.scrmtch.com/18476/1812/resource/1639484553/%E5%85%A8%E7%90%83%E5%B7%A5%E7%A8%8B%E5%89%8D%E6%B2%BF2021-%E5%B0%8F-%E7%A7%91%E7%9D%BE%E5%94%A5%E5%A5%89.pdf>

2021年 化工、冶金与材料工程领域Top 10 工程研究前沿

表 1.1.1 化工、冶金与材料工程领域 Top 11 工程研究前沿

序号	工程研究前沿	核心 论文数	被引 频次	篇均 被引频次	平均 出版年
1	新型高性能陶瓷储能材料及电容器	80	11 828	147.85	2017.0
2	CO ₂ 合成多碳平台化合物	250	21 383	85.53	2016.4
3	核制氢耦合冶金技术研究	51	3 161	61.98	2016.7
4	高性能聚合物受体及其在柔性全聚合物太阳能电池中的应用	171	22 224	129.96	2017.2
5	低碳高效先进气体分离纯化材料设计 and 应用	261	21 148	81.03	2016.5
6	半导体光存储材料与器件研究	121	14 841	122.65	2017.0
7	快速自愈合高分子材料设计	151	40 410	267.62	2016.4
8	多相微观界面演变行为	212	10 128	47.77	2016.6
9	新型智能生物材料仿生设计与材料生物学理论	133	13 224	99.43	2017.1
10	极地船舶用低温钢等关键材料的研究	91	399	4.38	2018.3
11	高催化活性纳米酶的设计与应用	114	14 133	123.97	2017.4

2. 如何高效开展课题调研?

如何高效开展课题调研?

❖ 查找本课题相关的论文

▪ 如何快速获取该领域的高影响力的论文?

❖ 分析研究进展与发展趋势

- ✓ 了解某特定课题在不同学科的分布情况
- ✓ 分析某研究课题的总体发展趋势
- ✓ 了解与自己研究方向有关的科研机构
- ✓ 找到该研究课题中潜在的合作伙伴
- ✓ 密切关注该研究领域的顶尖研究小组的发表成果

如何快速获取该领域的高影响力的论文?

查文献

查1篇论文?

很容易!

查某课题领域论文?



案例：“卡脖子”技术——光刻机技术

光刻机 (lithography) 又名：掩模对准曝光机，曝光系统，光刻系统等，是制造芯片的核心装备。它采用类似照片冲印的技术，把掩模版上的精细图形通过光线的曝光印制到硅片上。

“卡脖子”的35项关键技术

2020-09-24 科技日报

科技日报曾推出系列文章报道制约我国工业发展的35项“卡脖子”技术，引起了广泛关注与讨论。现摘录如下：

1、光刻机

《这些“细节”让中国难望顶级光刻机项背》

制造芯片的光刻机，其精度决定了芯片性能的上限。在“十二五”科技成就展览上，中国生产的最好的光刻机，加工精度是90纳米。这相当于2004年上市的奔腾四CPU的水准。而国外已经做到了十几纳米。

光刻机里有两个同步运动的工件台，一个载底片，一个载胶片。两者需始终同步，误差在2纳米以下。两个工作台由静到动，加速度跟导弹发射差不多。在工作时，相当于两架大飞机从起飞到降落，始终齐头并进一架飞机上伸出一把刀，在另一架飞机的米粒上刻字，不能刻坏了。

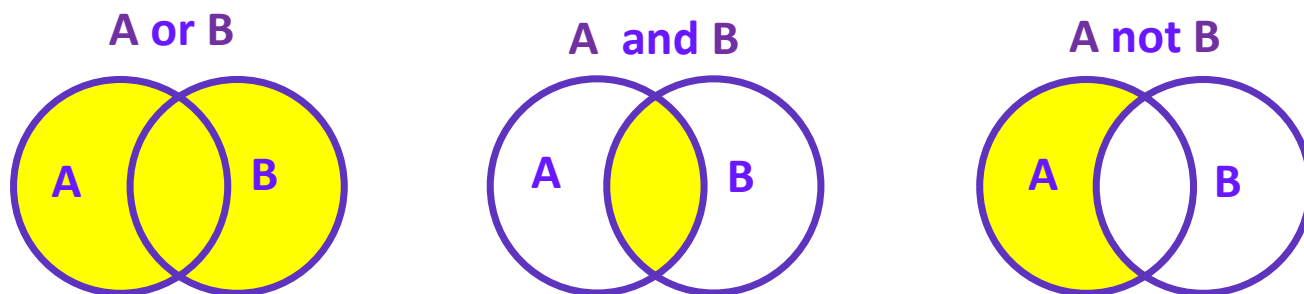
35项中国被卡脖子的关键技术			
1	光刻机	19	高压柱塞泵
2	芯片	20	航空设计软件
3	操作系统	21	光刻胶
4	触觉传感器	22	高压共轨系统
5	真空蒸镀机	23	透射式电镜
6	手机射频器件	24	掘进机主轴承
7	航空发动机短舱	25	微球
8	iCLIP技术	26	水下连接器
9	重型燃气轮机	27	高端焊接电源
10	激光雷达	28	锂电池隔膜
11	适航标准	29	燃料电池关键材料
12	高端电容电阻	30	医学影像设备元器件
13	核心工业软件	31	数据库管理系统
14	ITO靶材	32	环氧树脂
15	核心算法	33	超精密抛光工艺
16	航空钢材	34	高强度不锈钢
17	铣刀	35	扫描电镜
18	高端轴承钢		

资料来源：《科技日报》报道“卡脖子”的35项关键技术

如何快速找到高影响力的文献?

The screenshot shows the Web of Science search interface. At the top, there is a navigation bar with the Clarivate logo on the left, '简体中文' (Simplified Chinese) and '产品' (Products) on the right. Below this, the 'Web of Science' logo and '检索' (Search) are visible. A user profile 'qingwen yuan' is shown in the top right. The main search area has two tabs: '文献' (Literature) and '研究人员' (Researchers). Under the '文献' tab, the search criteria are: '选择数据库: Web of Science 核心合集' (Select database: Web of Science Core Collection) and '引文索引: Science Citation Index Expanded (SCI-EXPANDED)--1900-至今' (Citation Index: Science Citation Index Expanded (SCI-EXPANDED)--1900-Present). There are three sub-tabs: '文献' (Literature), '被引参考文献' (Cited References), and '化学结构' (Chemical Structure). A search input field is highlighted with a red box, containing the text 'Lithography' and an example '示例: oil spill* mediterranean'. Below the input field are buttons for '+ 添加行' (Add row), '+ 添加日期范围' (Add date range), and '高级检索' (Advanced search). A purple callout box on the right contains the following information: '主题检索' (Topic search), '*关键词: Lithography' (*Keywords: Lithography), '数据库范围: SCIE' (Database range: SCIE), and '出版年: 1900-2022' (Publication year: 1900-2022).

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- Kozawa, Takahiro 237

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1 **Lithography** Technology for Micro- and Nanofabrication

Baek, D.; Lee, S.H.; (...); Lee, S.H.

2021 | NANOTECHNOLOGY FOR BIOAPPLICATIONS 1309, pp.217-233

Micro and nanofabrication technologies are integral to the development of miniaturized systems. **Lithography** plays a key role in micro and nanofabrication techniques. Since high functional miniaturized systems are required in various fields, such as the development of a chemical and biological analysis, and biomedical researches, **lithography** techniques have been developed and applied...

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2 Extreme ultraviolet **lithography**: overview and development status

Silverman, P.J.

Jan-mar 2005 | JOURNAL OF MICROLITHOGRAPHY MICROFABRICATION AND MICROSYSTEMS 4 (1)

Extreme ultraviolet (EUV) **lithography** has emerged as the most likely successor to 193-nm **lithography**. We provide a technical overview of **lithography** and a discussion of the advantages of EUV **lithography** over alternative technologies. The key challenges in developing EUV **lithography** for high-volume production are discussed. A brief assessment is given of the cost of ownership of EUV lithography...

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1 The optical properties of metal nanoparticles: The influence of size, shape, and dielectric environment 8,179 被引频次

Kelly, KJ; Coronado, E; (...); Schatz, GC 64 参考文献

Jan 23 2003 | JOURNAL OF PHYSICAL CHEMISTRY B 107 (3) , pp.668-677

The optical properties of metal nanoparticles have long been of interest in physical chemistry, starting with Faraday's investigations of colloidal gold in the middle 1800s. More recently, new lithographic techniques as well as improvements to classical wet chemistry methods have made it possible to synthesize noble metal nanoparticles with a wide range of sizes, shapes, and dielectric environm ... 显示更多

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2 Ultrahigh electron mobility in suspended graphene 5,862 被引频次

Bolotin, KI; Sikes, KJ; (...); Stormer, HL 24 参考文献

Jun 2008 | SOLID STATE COMMUNICATIONS 146 (9-10) , pp.351-355

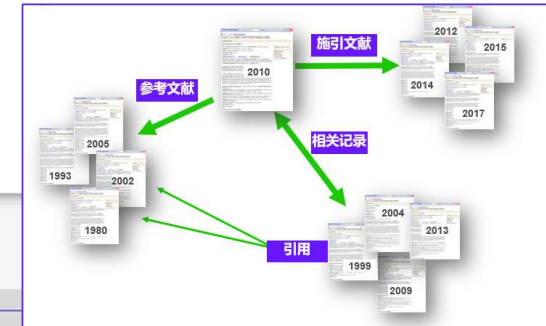
We have achieved mobilities in excess of 200,000 cm² V⁻¹s⁻¹ at electron densities of similar to 2x10¹¹ cm⁻² by suspending single layer graphene. Suspension similar to 150 nm above a Si/SiO₂ gate electrode and electrical contacts to the graphene was achieved by a combination of electron beam lithography and etching. The specimens were cleaned in situ by employing current-induced heati ... 显示更多

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作者: Kelly, KL (Kelly, KL); Coronado, E (Coronado, E); Zhao, LL (Zhao, LL); Schatz, GC (Schatz, GC)

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JOURNAL OF PHYSICAL CHEMISTRY B

卷: 107 期: 3 页: 668-677
DOI: 10.1021/jp026731y
出版时间: JAN 23 2003
已索引: 2003-01-23
文献类型: Article



摘要
The optical properties of metal nanoparticles have been a subject of intense research recently, new lithographic techniques as well as computational chemistry methods have made it possible to synthesize noble metal nanoparticles with a wide range of sizes, shapes, and dielectric environments. This review discusses recent progress in the theory of nanoparticle optical properties, particularly methods for solving Maxwell's equations for light scattering in a complex environment. Included is a description of the qualitative features of dipole and quadrupole plasmon resonances for spherical and nonspherical particles, and numerical methods for calculating extinction and scattering cross-sections, local field enhancements, and other optical properties for nanoparticles of various shapes.

关键词
Keywords Plus: ENHANCED RAMAN-SCATTERING; SURFACE PLASMON RESONANCE; DISCRETE DIPOLE APPROXIMATION; NANOSPHERE; LITHOGRAPHY; ELECTROMAGNETIC THEORY; SILVER NANOPARTICLES; RAY SCATTERING

作者信息
通讯作者地址: Schatz, GC (通讯作者)
Northwestern Univ, Dept Chem, 2204 Sheridan Rd, Evanston, IL 60201-3073, USA

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美国西北大学George Schatz教授, 2005年当选美国国家科学院院士。研究兴趣主要集中在纳米材料的光学、结构和热性质, 包括等离子体纳米颗粒, 等离子体超材料等。他获得的奖项包括ACS的德拜奖和Langmuir奖, 以及皇家化学学会的伯克和Boys-Rahman奖等。George C. Schatz教授是美国物理学会, 皇家化学学会, 美国化学学会和美国科学促进会的会员。

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1 Anisotropic gold nanostructures applied to improve solar energy conversion
Zhang, AR; Zhang, YP; (...); Du, YK 各向异性金纳米结构应用于提高太阳能转换率 苏州大学与海南大学合作成果
Dec 2022 | APPLIED MATERIALS TODAY 29 226 参考文献

The synthesis of anisotropic gold nanostructures has developed drastically in the last decade. Under the background of carbon neutrality, the search for highly efficient, stable, and non-polluting catalysts has become a tireless pursuit of scholars. Gold is a plasmon metal with tunable electronic and optical properties, so gold-based nanostructures have received significant research attention f ... 显示更多

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2 High-throughput synthesis of silver nanoplates and optimization of optical properties by machine learning
Kashiwagi, T; Sue, K; (...); Ono, T 银纳米板的高通量合成和机器学习的光学性质优化
Nov 23 2022 | CHEMICAL ENGINEERING SCIENCE 262 48 参考文献

High-throughput synthesis of silver nanoplates was performed by two-step reduction via the seed particles to clarify how the absorption spectrum is controlled by the concentrations of AgNO3 and citrate for the seed particle synthesis and that of the seed particles for the nanoplate synthesis. A wide variety of the concentrations, whose combination amounted to 486 conditions, was explored with a ... 显示更多

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作者: Kelly, KL (Kelly, KL); Coronado, E (Coronado, E); Zhao, LL (Zhao, LL); Schatz, GC (Schatz, GC)

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卷: 107 期: 3 页: 668-677

DOI: 10.1021/jp026731y

出版时间: JAN 23 2003

已索引: 2003-01-23

文献类型: Article

摘要

The optical properties of metal nanoparticles have long been of interest in physical chemistry, starting with Faraday's investigations of colloidal gold in the middle 1800s. More recently, new lithographic techniques as well as improvements to classical wet chemistry methods have made it possible to synthesize noble metal nanoparticles with a wide range of sizes, shapes, and dielectric environments. In this feature article, we describe recent progress in the theory of nanoparticle optical properties, particularly methods for solving Maxwell's equations for light scattering from particles of arbitrary shape in a complex environment. Included is a description of the qualitative features of dipole and quadrupole plasmon resonances for spherical particles; a discussion of analytical and numerical methods for calculating extinction and scattering cross-sections, local fields, and other optical properties for nonspherical particles; and a survey of applications to problems of recent interest involving triangular silver particles and related shapes.

关键词

Keywords Plus: ENHANCED RAMAN-SCATTERING; SURFACE-PLASMON RESONANCE; DISCRETE-DIPOLE APPROXIMATION; NANOSPHERE LITHOGRAPHY; ELECTROMAGNETIC THEORY; SILVER NANOPARTICLES; RAYLEIGH-SCATTERING; PERIODIC ARRAY; GOLD; EXTINCTION

作者信息

通讯作者地址: Schatz, GC (通讯作者)

Northwestern Univ, Dept Chem, 2145 Sheridan Rd, Evanston, IL 60208 USA

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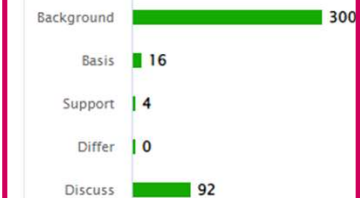
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1 [Determination of size and concentration of gold nanoparticles from UV-Vis spectra](#) 2,439
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[Haiss, W; Thanh, NTK; \(...\); Fernig, DG](#)

Jun 1 2007 | [ANALYTICAL CHEMISTRY](#) 79 (11), pp.4215-4221 24
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The dependence of the optical properties of spherical gold nanoparticles on particle size and wavelength were analyzed theoretically using multipole scattering theory, where the complex refractive index of gold was corrected for the effect of a reduced mean free path of the conduction electrons in small particles. To compare these theoretical results to experimental data, gold nanoparticles in ... [显示更多](#)

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2 [Kinetically Controlled Seeded Growth Synthesis of Citrate-Stabilized Gold Nanoparticles of up to 200 nm: Size Focusing versus Ostwald Ripening](#) 1,131
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[Bastus, NG; Comenge, J and Puentes, V](#)

Sep 6 2011 | [LANGMUIR](#) 27 (17), pp.11098-11105 33
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Monodisperse citrate-stabilized gold nanoparticles with a uniform quasi-spherical shape of up to similar to 200 nm and a narrow size distribution were synthesized following a kinetically controlled seeded growth strategy via the reduction of HAuCl4 by sodium citrate. The inhibition of any secondary nucleation during homogeneous growth was controlled by adjusting the reaction conditions: temper ... [显示更多](#)

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2	Single molecule emission characteristics in near-field microscopy <i>近场显微镜中的单分子发射特性</i>	227 被引频次	25 参考文献
3	[Not available]	12,212 被引频次	0 参考文献

Each entry includes the author(s), journal name, volume, issue, and page numbers. For example, entry 1 is by ADRIAN, FJ, published in CHEMICAL PHYSICS LETTERS 78 (1), pp.45-49 in 1981. Entry 2 is by Bian, RX; Dunn, RC; (...); Leung, PT, published in PHYSICAL REVIEW LETTERS 75 (26), pp.4772-4775 in Dec 25 1995. Entry 3 is by Bohren, C. and Huffman, D., published in 1983 by Wiley, New York.

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1 TLR Antagonism by Sparstolonin B Alters Microbial Signature and Modulates Gastrointestinal and Neuronal Inflammation in Gulf War Illness Preclinical Model


8
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[Bose, D; Mondal, A; \(...\); Chatterjee, S](#)
Aug 2020 | [BRAIN SCIENCES](#) 10 (8)

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作者: [Bose, D](#) (Bose, Dipro)¹; [Mondal, A](#) (Mondal, Ayan)¹; [Saha, P](#) (Saha, Punnag)¹; [Kimono, D](#) (Kimono, Diana)¹; [Sarkar, S](#) (Sarkar, Sutapa)^{1, 8}; [Seth, RK](#) (Seth, Ratanesh K.)¹; [Janulewicz, P](#) (Janulewicz, Patricia)²; [Sullivan, K](#) (Sullivan, Kimberly)²; [Horner, R](#) (Horner, Ronnie)³; [Klimas, N](#) (Klimas, Nancy)^{4, 5}; ...[更多内容](#)

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卷: 10 期: 8

文献号: 532

DOI: 10.3390/brainsci10080532

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摘要

The 1991 Persian Gulf War veterans presented a myriad of symptoms that ranged from chronic pain, fatigue, gastrointestinal disturbances, and cognitive deficits. Currently, no therapeutic regimen exists to treat the plethora of chronic symptoms though newer pharmacological targets such as microbiome have been identified recently. Toll-like receptor 4 (TLR4) antagonism in systemic inflammatory diseases have been tried before with limited success, but strategies with broad-spectrum TLR4 antagonists and their ability to modulate the host-microbiome have been elusive. Using a mouse model of Gulf War Illness, we show that a nutraceutical, derived from a Chinese herb Sparstolonin B (SsnB) presented a unique microbiome signature with an increased

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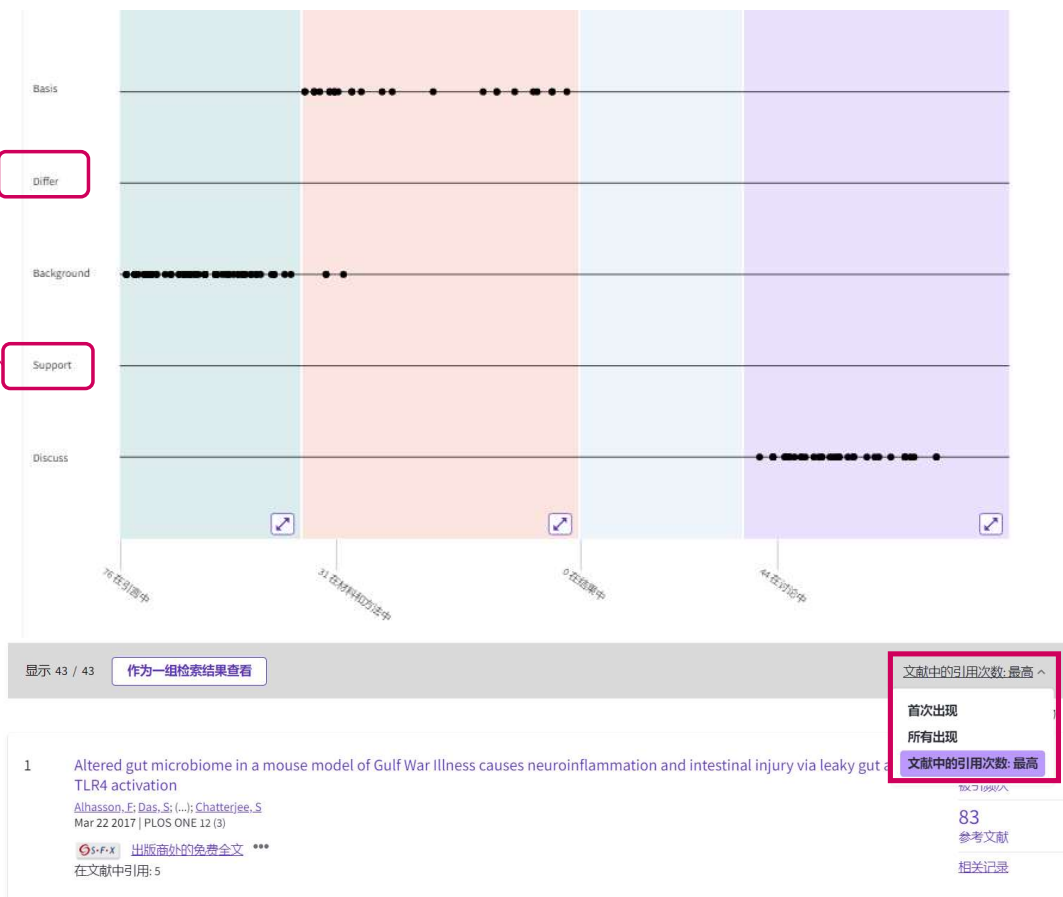
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1 **Interparticle coupling effect on the surface plasmon resonance of gold nanoparticles: From theory to applications** 2,104
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Nov 2007 | [CHEMICAL REVIEWS](#) 107 (11), pp.4797-4862

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2 **Electrodynamics in computational chemistry** 13
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[Zhao, LL; Zou, SL; \(...\); Schatz, GC](#)
2005 | THEORY AND APPLICATIONS OF COMPUTATIONAL CHEMISTRY: THE FIRST FORTY YEARS, pp.47-65

This chapter is concerned with the interaction of light with particles that are sufficiently large in size that classical electrodynamics can be used to describe the optical properties of the particle. Most of the review is concerned with metal nanoparticles (silver and gold), where the linear optical properties (extinction, absorption, scattering) are strongly dependent on particle size, shape ... [显示更多](#)

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0/1,244 添加到标记结果列表 导出 ▾ 排序方式: 使用次数 (最近 180 天): 最多优先 ▾ < 1 / 25 >

1 **Three-dimensional direct lithography of stable perovskite nanocrystals in glass** 29 被引频次

[Sun, K; Tan, DZ; \(...\); Qiu, JB](#)
Jan 21 2022 | [SCIENCE](#) 375 (6578) , pp.307-+ 59 参考文献

Material composition engineering and device fabrication of perovskite nanocrystals (PNCs) in solution can introduce organic contamination and entail several synthetic, processing, and stabilization steps. We report three-dimensional (3D) direct lithography of PNCs with tunable composition and bandgap in glass. The halide ion distribution was controlled at the nanoscale with ultrafast laser-indu ... [显示更多](#)

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0/1,793 [添加到标记结果列表](#) [导出](#) 排序方式: 使用次数 (最近 180 天): 最多优先 < 1 / 36 >

1 Photo-curing 3D printing technique and its challenges **197** 被引频次

[Quan, HY; Zhang, J; \(...\); Zhu, XQ](#)
Mar 2020 | [BIOACTIVE MATERIALS](#) 5 (1), pp.110-115 **28** 参考文献

In recent ten years, 3D printing technology has been developed rapidly. As an advanced technology, 3D printing has been used to fabricate complex and high-precision objects in many fields. 3D printing has several technologies. Among these technologies, photo-curing 3D printing was the earliest and most mature technology. In 1988, the first 3D printing machine which was based on photo-curing and ... [显示更多](#)

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2 3D Printed Flexible Strain Sensors: From Printing to Devices and Signals **60** 被引频次

[Liu, HD; Zhang, HJ; \(...\); Huang, W](#)
Feb 2021 | Jan 2021 (在线发表) | [ADVANCED MATERIALS](#) 33 (8) **103** 参考文献

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1 Photo-curing 3D printing of high-precision objects in most mature technology. In recent ten years, 3D printing has become the most mature technology. In this paper, a photo-curing 3D printing process is proposed to fabricate high-precision objects. The process parameters are optimized by using a response surface methodology (RSM). The results show that the proposed process can fabricate high-precision objects with a high yield rate. The process parameters are optimized by using a response surface methodology (RSM). The results show that the proposed process can fabricate high-precision objects with a high yield rate.

2 3D Printed Flexible Structures for Wearable Devices. The revolutionary and pioneering exploitation of wearable devices has attracted much attention in recent years. However, the fabrication of flexible structures is still a challenge. In this paper, a 3D printing process is proposed to fabricate flexible structures. The process parameters are optimized by using a response surface methodology (RSM). The results show that the proposed process can fabricate flexible structures with a high yield rate.

1 Optimization methods for 3D lithography process utilizing DMD-based maskless grayscale photolithography system. Ma, XX; Kato, S; Tabata, O. Conference on Optical Microlithography XXVIII 2015 | OPTICAL MICROLITHOGRAPHY XXVIII 9426. Digital Micromirror Device (DMD)-based grayscale lithography is a promising tool for three dimensional (3D) microstructuring of thick-film photoresist since it is a maskless process, provides possibility for the free-form of 3D microstructures, and therefore rapid and cost-effective microfabrication. However, process parameter determination lacks efficient optimization tool, and thus convention... 显示更多

2 Soft lithography. Xia, YN and Whitesides, GM. 1998 | ANNUAL REVIEW OF MATERIALS SCIENCE 28, pp.153-184. Soft lithography represents a non-photolithographic strategy based on self-assembly and replica molding for carrying out micro- and nanofabrication. It provides a convenient, effective, and low-cost method for the formation and manufacturing of micro- and nanostructures. In soft lithography, an elastomeric stamp with patterned relief structures on its surface is used to generate patterns and st... 显示更多

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1 Light-driven artificial molecular machines 46 被引频次
Zheng, YB; Hao, QZ; (...); Huang, TJ
Aug 25 2010 | JOURNAL OF NANOPHOTONICS 4
Artificial molecular machines represent a growing field of nanoscience and nanotechnology. Stimulated by chemical reagents, electricity, or light, artificial molecular machines exhibit precisely controlled motion at the molecular level; with this ability molecular machines have the potential to make significant impacts in numerous engineering applications. Compared with molecular machines power ... 显示更多
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2 Thoughts about an article of Yamato and coll. 1 被引频次
Vicens, J
Oct 2008 | JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY 62 (1-2) , pp.193-196
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作者: Pauly, D (Pauly, Daniel)¹; Zeller, D (Zeller, Dirk)

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NATURE COMMUNICATIONS

卷: 7

文献号: 10244

DOI: 10.1038/ncomms10244

出版时间: JAN 2016

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nature COMMUNICATIONS

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Received 27 Feb 2015 | Accepted 19 Nov 2015 | Published 19 Jan 2016

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Daniel Pauly¹ & Dirk Zeller¹

1 ?

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[Quan, HY; Zhang, I; \(...\); Zhu, XQ](#)

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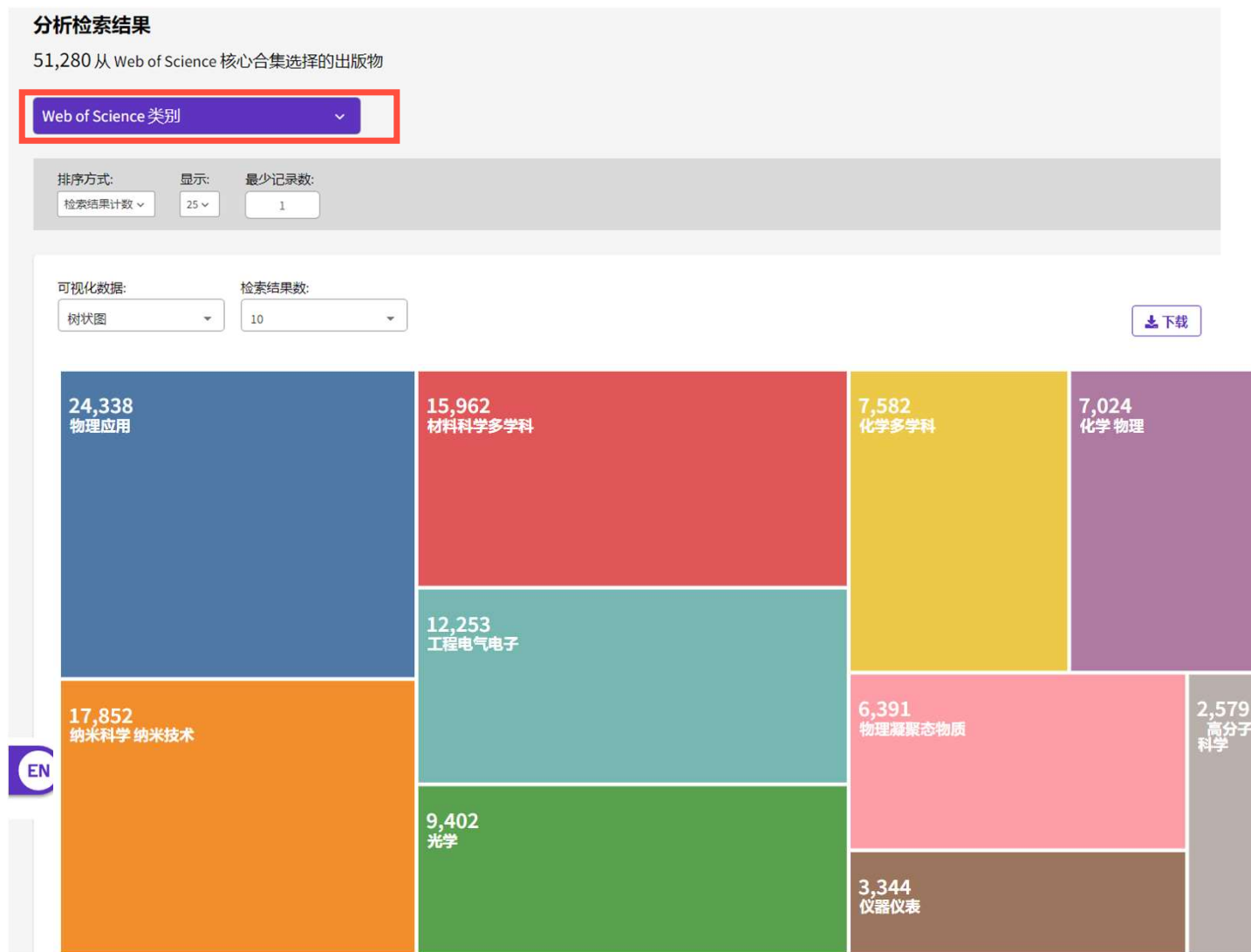
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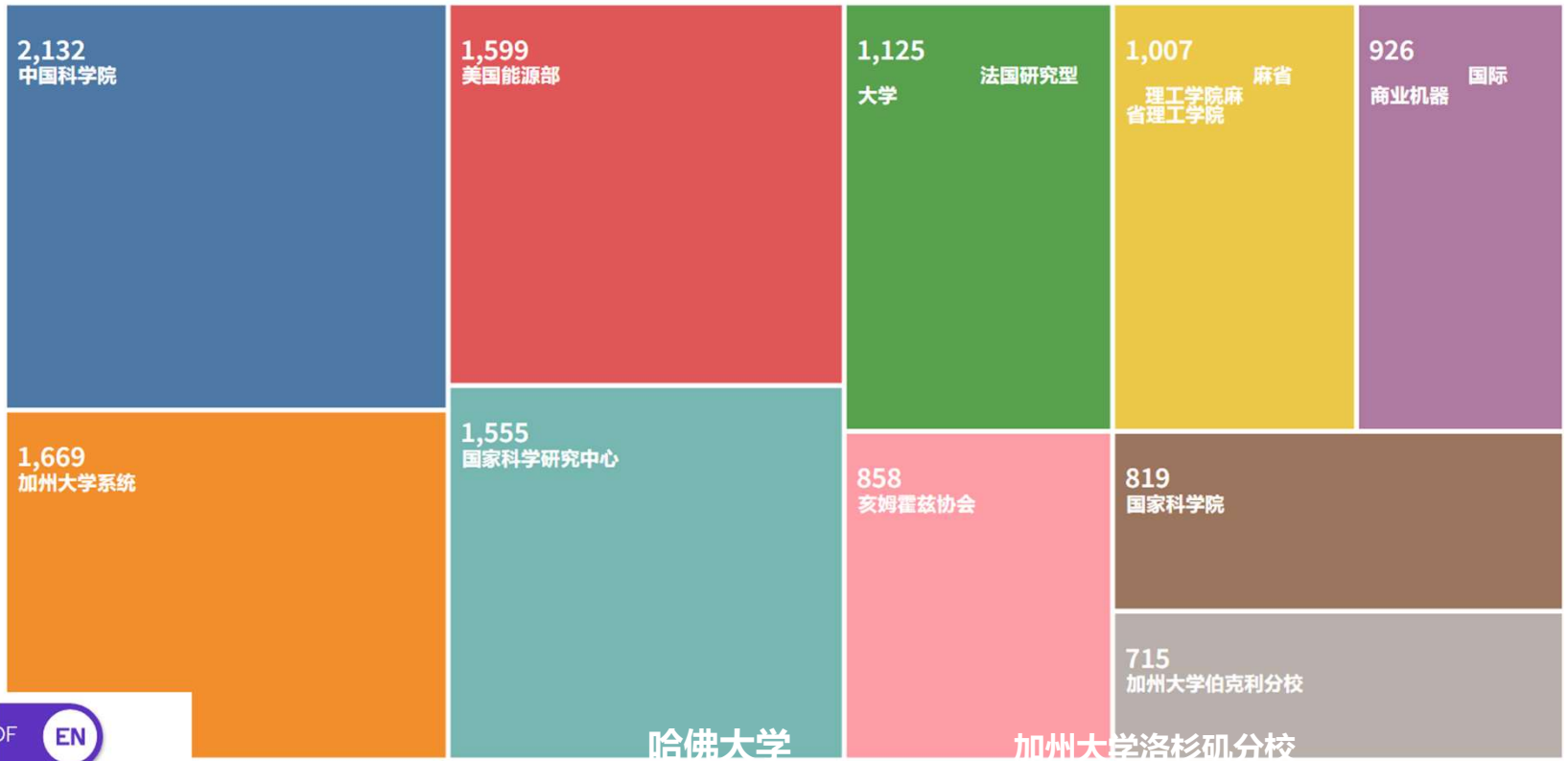
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The screenshot displays the Web of Science search results page for the topic 'Lithography'. The search results are from the Science Citation Index Expanded (SCI-Expanded) database, showing 51,280 results. The interface includes a search bar, navigation buttons like '分析检索结果', '引文报告', and '创建跟踪服务', and a sidebar with filters. A dropdown menu is open over the '导出' (Export) button, listing various export formats such as EndNote Online, EndNote Desktop, RefWorks, RIS, BibTeX, Excel, and InCites. The 'InCites' option is highlighted with a red dashed box. A red callout box with the text 'WOS 导出自定义文献数据集' (WOS Export Custom Literature Dataset) points to the 'InCites' option. The search results list includes entries like 'Flexible sensor based on Hair...' and 'Synthesis chemical methods f...'. The 'InCites' option is highlighted with a red dashed box.

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识别“光刻机”主要布局的微观引文主题

基于InCites平台

研究方向	Web of Science 论文数	学科规范化的引文影响力	Q1 期刊中的论文
<input type="checkbox"/> 5.295.709 Lithography 光刻机	6,561	1.04	1,730
<input type="checkbox"/> 2.160.174 Microfluidics 微流体	5,432	0.73	2,500
<input type="checkbox"/> 2.67.47 SERS 表面增强拉曼散射	3,404	1.00	1,000
<input type="checkbox"/> 2.167.305 Self-Assembled Monolayers 自组装单层	1,705	0.70	1,000
<input type="checkbox"/> 5.38.991 Photonic Crystals 光子晶体	1,597	1.08	944
<input type="checkbox"/> 2.53.884 Block Copolymers	1,343	1.28	908
<input type="checkbox"/> 5.31.937 Silicon Nanowires	1,329	1.08	757
<input type="checkbox"/> 5.88.109 Exchange Bias	1,068	1.02	514
<input type="checkbox"/> 2.53.459 Protein Adsorption	942	1.22	619
<input type="checkbox"/> 5.38.198 Silicon Photonics	825	1.16	433
<input type="checkbox"/> 2.160.365 Superhydrophobic	808	0.88	500
<input type="checkbox"/> 4.58.253 Metamaterials	765	1.17	465
<input type="checkbox"/> 5.33.18 GaAs	703	0.86	235
<input type="checkbox"/> 5.33.75 GaN	571	1.14	278
<input type="checkbox"/> 2.114.914 Stretchable Electronics	558	0.77	358

根据具体研究主题可筛选出 Q1 期刊中的论文

根据具体研究主题可筛选出Q1期刊中的论文

1/796 研究方向 5.295.709 Lithography上的Q1期刊中的论文

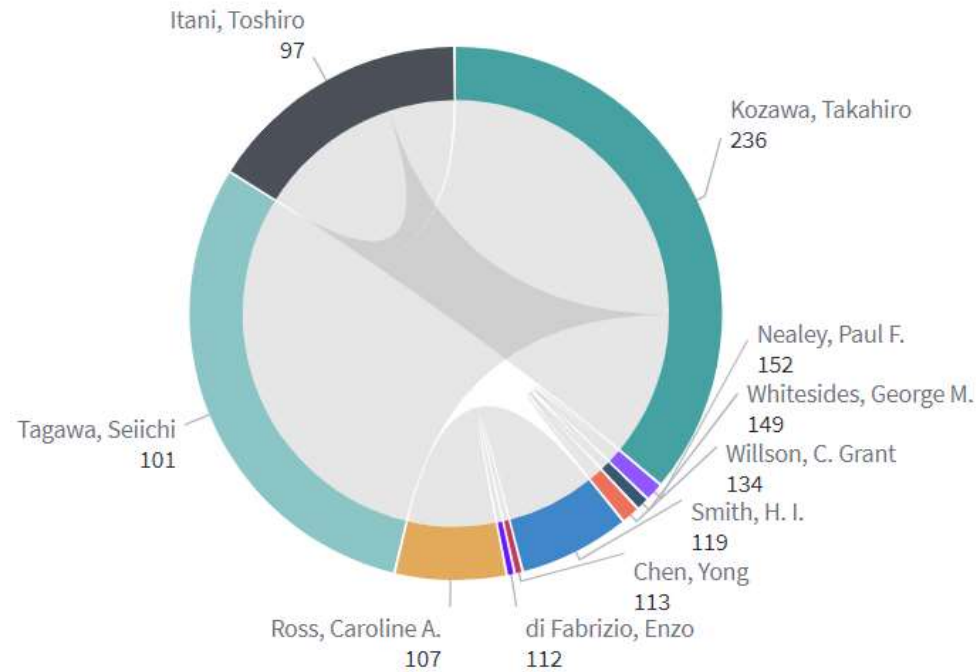
研究方向 详细信息
5.295.709 Lithography
Q1 期刊中的论文 [在 Web of Science 中查看](#) **作为一组文献返回到wos去查看**

每页显示行数 10 **查看具体发表的期刊出版物** 献总数 << 1-10 >>

论文标题	作者	来源	研究方向	文献类型	卷	期	页	出版年
Electron beam lithography: resolution limits and applications	Vieu, C; Carcenac, F; Pepin, A; Chen, Y; Mejias, M; et al.	APPLIED SURFACE SCIENCE	5.295.709 Lithography	Article	164	不可用	111-117	2000
Pushing the limits of lithography	Ito, T; Okazaki, S	NATURE	5.295.709 Lithography	Review	406	6799	1027-1031	2000
Lithographic imaging techniques for the formation of nanoscopic features	Wallraff, GM; Hinsberg, WD	CHEMICAL REVIEWS	5.295.709 Lithography	Review	99	7	1801-1821	1999
EUV LITHOGRAPHY	Wagner, Christian	PHOTONIC TECHNOLOGIES	5.295.709	News Item	4	1	24-26	2010

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 有哪些科研人员发表了该领域的SCI论文?



该课题的研究高发文作者TOP15合作分析

3. 如何高效管理文献， 实现与课题组文献资源共享？



文献管理与写作工具——EndNote® online

The screenshot shows the Web of Science website interface. At the top, there is a navigation bar with the Clarivate logo on the left and '简体中文' and '产品' on the right. Below this, the 'Web of Science' logo is followed by navigation links: '检索', '标记结果列表', '历史', and '跟踪服务'. The main content area has a purple header with the text '探索跨学科内容' and '来自最值得您信赖的全球引文数据库'. Below this is a search bar with '选择数据库: Web of Science 核心合集' and '引文索引: All'. There are tabs for '文献', '作者', '被引参考文献', and '化学结构'. A search input field contains '示例: liver disease' and a dropdown menu is set to '所有字段'. There are buttons for '+ 添加行', '+ 添加日期范围', and '高级检索'. A product menu is open on the right, listing various services, with 'EndNote' highlighted in a red box. A red callout box on the right contains the text 'EndNote only'. A large red callout box at the bottom right contains the text 'EndNote账号与Web of Science通用 如有WOS账号, 可以直接登录EndNote'.

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选择数据库: Web of Science 核心合集 引文索引: All

文献 作者 被引参考文献 化学结构

所有字段 示例: liver disease

+ 添加行 + 添加日期范围 高级检索

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EndNote® online – 导入文献资源

Clarivate 简体中文 产品

Web of Science™ 检索 标记结果列表 历史 跟踪服务 qingwen yuan

检索 > 检索结果 > 检索结果

132 条来自 Science Citation Index Expanded (SCI-Expanded)的结果:

High-entropy alloys (主题) 分析检索结果 引文报告 创建跟踪服务

精炼依据: 高被引论文 全部清除

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在结果中检索...

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- 高被引论文 132
- 热点论文 10
- 综述论文 27
- 开放获取 71

出版年

- 2021 10
- 2020 19
- 2019 19
- 2018 15
- 2017 14

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2/132	添加到标记结果列表	导出	相关性	<	1	/ 3	>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	EndNote Online					
1	Outstanding tensile proper room and cryogenic temper	EndNote Desktop	I FeCoNiCrTi0.2 high-entropy alloy at	90			
	Tong, Y; Chen, D; (...); Kai, JJ	添加到我的 Publons 个人信息		被引频次			
	Feb 15 2019 ACTA MATERIALIA 165	纯文本文件		69			
	A FeCoNiCrTi0.2 high-entropy alloy was fabricated, and its tensile prop	RIS	-precipitates but with the same composition	参考文献			
	structure evolution were investigat	BibTeX	atures (77 K) and the corresponding defect-				
	出版商外的全文	Excel	r parent alloy, the prec ... 显示更多	相关记录			
		制表符分隔文件					
<input checked="" type="checkbox"/>	2	可打印的 HTML 文件	ion phase or amorphous phase	805			
	Guo, S and Liu, CT	InCites		被引频次			
	Dec 2011 PROGRESS IN NATURAL	FECYT CVN	pp.433-446	72			
	The alloy design for equiatomic mu	更多导出选项	istically analyzing the atomic size difference,	参考文献			
	mixing enthalpy, mixing entropy, el		on among constituent elements in solid				
	solutions forming high entropy all		ses form and only form ... 显示更多	相关记录			
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检索

我的参考文献

我的所有参考文献(2605)

[未归档] (101)

临时列表(0)

回收站(12) 清空

▼ 我的组

case (60)

Zhao Xin Paper (112)

冠状病毒SCI (3)

细胞自噬 (2332)

其他人共享的组

Chiroptera (0)

创建文献分组
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作者	出版年	标题
<input type="checkbox"/> Guo, S.	2011	Phase stability in high entropy alloys: Formation of solid-solution phase or amorphous phase Progress in Natural Science-Materials International 添加到文献库: 17 Sep 2021 上次更新日期: 17 Sep 2021 在 Web of Science™ 中查看 → 来源文献记录, Related Records, 被引频次: 805 SFX Demo OpenURL Link 全文
<input type="checkbox"/>	2019	Outstanding tensile properties of a precipitation-strengthened FeCoNiCrTi0.2 high-entropy alloy at room and cryogenic temperatures Acta Materialia 添加到文献库: 17 Sep 2021 上次更新日期: 17 Sep 2021 在 Web of Science™ 中查看 → 来源文献记录, Related Records, 被引频次: 90 SFX Demo OpenURL Link 全文
<input type="checkbox"/> Cai, J. H.	2018	A novel hierarchical ZnO-nanosheet-nanorod-structured film for quantum-dot-sensitized solar cells Electrochimica Acta 添加到文献库: 03 Aug 2021 上次更新日期: 03 Aug 2021 在 Web of Science™ 中查看 → 来源文献记录, Related Records, 被引频次: 11 SFX Demo OpenURL Link 全文

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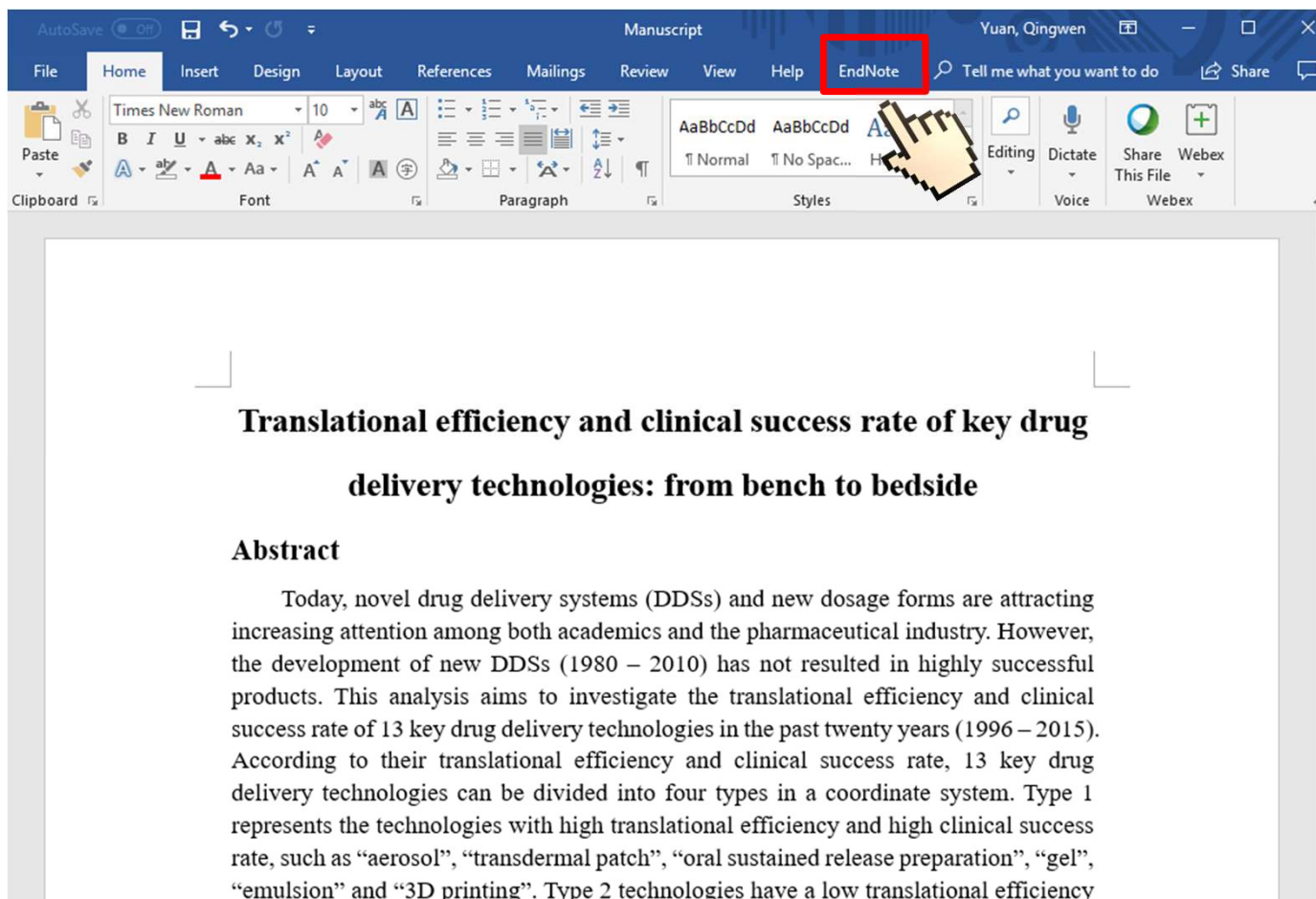
规范引用参考文献-Endnote® online

Cite While You Write™ - 实现word与Endnote® online之间的对接

The screenshot shows the EndNote online web interface. At the top left is the Clarivate Analytics logo and 'EndNote'. A navigation bar contains '我的参考文献', '收集', '组织', '格式化', '匹配', '选项', and '下载项'. The '格式化' (Format) menu is highlighted with a red box, and a sub-menu is open showing '书目', 'Cite While You Write™ 插件' (highlighted with a red box), '格式化论文', and '导出参考文献'. A red banner in the center reads '下载并安装Cite While You Write™'. On the left is a sidebar with '快速检索' (Quick Search) and '我的参考文献' (My References) sections. The main area displays a list of references under '我的所有参考文献' (All My References) with columns for '作者' (Author), '出版年' (Year), and '标题' (Title). Three references are visible, including one from 2020 about sediment benchmarks and another from 2018 about remote sensing. A search box and navigation controls are at the top of the list.

规范引用参考文献-Endnote® online

Cite While You Write™ - 实现word与Endnote® online之间的对接



规范引用参考文献-Endnote® online

如何利用EndNote插入参考文献?

The screenshot shows the Microsoft Word interface with the EndNote ribbon active. The 'Insert Citations' button is highlighted with a red box and a hand cursor. The EndNote ribbon is outlined in green. The search dialog box is open, showing a search for 'Hafren, A'. The dialog box has a search bar with 'Hafren, A' and an 'End' button. Below the search bar is a table with columns 'Author', 'Year', and 'Title'. The first row is highlighted in blue and contains the text 'Hafren, 2018, Turnip Mosaic Virus Counteracts Selective Autophagy of the Viral Silencing Suppressor HCpro'. Below the table is a 'Reference Type:' dropdown menu set to 'Journal Article'. Below the dropdown menu are fields for 'Author:', 'Year:', 'Title:', 'Journal:', 'Volume:', and 'Issue:', with corresponding values: 'Hafren, A.', '2018', 'Turnip Mosaic Virus Counteracts Selective Autophagy of the Viral Silencing Suppressor HCpro', 'Plant Physiology', '176', and '1'. At the bottom of the dialog box are 'Insert', 'Cancel', and 'Help' buttons. The 'Insert' button is highlighted with a red box and a hand cursor.

Translational efficiency and clinical success rate of key delivery technologies: from bench to bedside

Abstract

Today, novel drug delivery systems (DDSs) and new dosage forms are attracting increasing attention among both academics and the pharmaceutical industry. However, the development of new DDSs (1980 – 2010) has not resulted in highly successful products. This analysis aims to investigate the translational efficiency and clinical success rate of 13 key drug delivery technologies in the past twenty years (1996 – 2016). According to their translational efficiency and clinical success rate, 13 key drug delivery technologies can be divided into four types in a coordinate system. Type 1 represents the technologies with high translational efficiency and high clinical success rate, such as “aerosol”, “transdermal patch”, “oral sustained release preparation”, “emulsion” and “3D printing”. Type 2 technologies have a low translational efficiency and high clinical success rate and only include “cyclodextrin”. Type 3 represents technologies with high translational efficiency and low clinical success rate, including “microneedle”, “antibody-drug-conjugate”, and “liposome”. Type 4 technologies have low translational efficiency and low clinical success rate, such as “gene therapy” and “nanoparticle”. Type 1 and type 2 techniques have high technology readiness levels as most of them are the first generation (1G) drug delivery technologies.

规范引用参考文献-Endnote® online

如何利用EndNote插入参考文献?

The image displays two overlapping screenshots of the EndNote online interface. The top screenshot shows a document titled 'Manuscript' with the 'EndNote' tab selected. The 'Style' dropdown menu is set to 'Cell', which is highlighted with a red box. A red box also highlights the citation '(Hay et al., 2014)' within the text. A pink callout box labeled '文中参考文献' (In-text reference) points to this citation. The bottom screenshot shows the same document with the 'References' list visible at the bottom, enclosed in a pink box. The first reference is highlighted in yellow: 'Hafren, A., Ustun, S., Hochmuth, A., Svenning, S., Johansen, T., and Hofius, D. (2018). Turnip Mosaic Virus Counteracts Selective Autophagy of the Viral Silencing Suppressor HCpro. *Plant Physiology* 176, 649-662.' A pink callout box labeled '文后参考文献' (Reference list) points to this entry.

规范引用参考文献-Endnote® online

如何统一做格式化处理?

Cell

选择Nature Reviews

Nature Reviews

References

Hafren, A., Ustun, S., Hochmuth, A., Svenning, S., Johansen, T., and Hofius, D. (2018). Turnip Mosaic Virus Counteracts Selective Autophagy of the Viral Silencing Suppressor HCpro. *Plant Physiology* 176, 649-662.

Hay, M., Thomas, D.W., Craighead, J.L., Economides, C., and Rosenthal, J. (2014). Clinical development success rates for investigational drugs. *Nat Biotechnol* 32, 40-51.

Ouyang, D., and Smith, S.C. (2015). Computational Pharmaceutics: Application of Molecular Modeling in Drug Delivery. John Wiley & Sons: London, UK.

Park, K. (2016). Drug delivery of the future: Chasing the invisible gorilla. *J Control Release* 240, 2-8.

Raemdonck, K., and De Smedt, S.C. (2015). Lessons in simplicity that should shape the future of drug delivery. *Nat Biotechnol* 33, 1026-1027.

Rowland, M., Noe, C.R., Smith, D.A., Tucker, G.T., Crommelin, D.J., Peck, C.C., Rocci Jr, M.L., Besançon, L., and Shah, V.P. (2012). Impact of the pharmaceutical sciences on health care: a reflection over the past 50 years. *J Pharm Sci-us* 101, 4075-4099.

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- 1 Hafren, A. et al. Turnip Mosaic Virus Counteracts Selective Autophagy of the Viral Silencing Suppressor HCpro. *Plant Physiology* 176, 649-662, doi:10.1104/pp.17.01198 (2018).
- 2 Hay, M., Thomas, D. W., Craighead, J. L., Economides, C. & Rosenthal, J. Clinical development success rates for investigational drugs. *Nat Biotechnol* 32, 40-51 (2014).
- 3 Smietana, K., Siatkowski, M. & Möller, M. Trends in clinical success rates. *Nat Rev Drug Discov* 15, 379-390 (2016).
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- 5 Zhang, W. et al. Big data analysis of global advances in pharmaceutics and drug delivery 1980-2014. *Drug Discov Today*, doi:10.1016/j.drudis.2017.05.012 (2017).
- 6 Park, K. Drug delivery of the future: Chasing the invisible gorilla. *J. Control. Release* 240, 2-8 (2016).
- 7 Thakur, S. S., Parekh, H. S., Schwable, C. H., Gan, Y. & Ouyang, D. Solubilization of Poorly Soluble Drugs: Cyclodextrin-Based Formulations. *Computational Pharmaceutics: Application of Molecular Modeling in Drug Delivery*, John Wiley & Sons, Chichester, 31-51 (2015).
- 8 Yun, Y. H., Lee, B. K. & Park, K. Controlled drug delivery: historical perspective for the next generation. *J. Control. Release* 219, 2-7 (2015).
- 9 Yin, H. et al. Non-viral vectors for gene-based therapy. *Nat Rev Genet* 15, 541-555 (2014).
- 10 Time to deliver. *Nat Biotechnol* 32, 961, doi:10.1038/nbt.3045 (2014).
- 11 Raemdonck, K. & De Smedt, S. C. Lessons in simplicity that should shape the future of drug

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Web of Science™ 检索 qingwen yuan

检索 > "molecular machine*" OR n... > "molecular machine*" OR nanite* OR nanomachine* (主题) 的结果

9,201 条来自 Science Citation Index Expanded (SCI-Expanded)的结果:

Q "molecular machine*" OR nanite* OR nanomachine* (主题) 分析检索结果 引文报告 **创建跟踪服务**

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- 热点论文 3
- 综述论文 2,280
- 在线发表 45
- 开放获取 4,489

0/9,201 添加到标记结果列表 导出

1 Nitric oxide and macrophage function 3,259 被引频次
MacMicking, J; Xie, QW and Nathan, C
1997 | ANNUAL REVIEW OF IMMUNOLOGY 15, pp.323-350
At the interface between the innate and adaptive immune systems lies the high-output isoform of nitric oxide synthase (NOS2 or iNOS). This remarkable **molecular machine** requires at least 17 binding reactions to assemble a functional dimer. Sustained catalysis results from the ability of NOS2 to attach calmodulin without dependence on elevated Ca²⁺. Expression of NOS2 in macrophages is controlled ... 显示更多
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2 Development by self-digestion: Molecular mechanisms and biological functions of autophagy 3,028 被引频次
Levine, B and Klionsky, DJ
Apr 2004 | DEVELOPMENTAL CELL 6 (4), pp.463-477

“定题跟踪”：可实时跟踪某课题、某作者、某机构、某期刊等的最新研究进展

创建跟踪服务 & 管理保存的检索历史

The image displays the Clarivate Web of Science interface for managing search tracking services. On the left, a modal window titled '创建检索跟踪' (Create Search Tracking) is shown, containing a form with the following fields and options:

- 跟踪名称 (Tracking Name): heavy metal and fish
- 向我发送电子邮件跟踪 (Send me email tracking)
- 创建 (Create) button

On the right, the main '检索跟踪' (Search Tracking) management page is visible. It includes a sidebar with navigation options: 引文跟踪 (Citation Tracking), 期刊跟踪 (Journal Tracking), 检索跟踪 (Search Tracking), and 检索跟踪 (Web of Science Classic). The main content area shows a search tracking entry for 'heavy metal and fish' with the following details:

- 姓名 (Name): heavy metal and fish
- 主题 (Topic): "heavy metal" AND fish* (主题)
- 数据库 (Database): Web of Science 核心合集
- 活动 (Activity): 活动
- 重新运行检索 (Re-run search) button
- 更少选项 (More options) link

The '检索详细信息' (Search Details) section provides further information:

- 数据库 (Database): Web of Science 核心合集
- 创建日期 (Creation Date): July 1, 2021
- 说明 (可选) (Description (Optional)): 说明

The '跟踪首选项' (Tracking Preferences) section includes:

- 电子邮件收件人 (Email Recipient): dan.li@clarivate.com (编辑)
- 频率 (Frequency): 每周 (Weekly)
- 没有新结果时继续接收电子邮件 (Continue to receive email when no new results)
- 不想再跟踪? (Don't want to track anymore?) with a 删除 (Delete) button

A purple callout box on the right side of the main page lists the configuration options:

设定选项:

- 跟踪名称
- 电子邮件跟踪
- 频率

创建“引文跟踪” - 随时掌握最新研究进展

检索 > 检索结果 > 检索结果 > Microstructures and proper... > Microstructures and proper...



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< 2 / 5,857 >

Microstructures and properties of high-entropy alloys

作者: Zhang, Y (Zhang, Yong)¹; Zuo, TT (Zuo, Ting Ting)¹; Tang, Z (Tang, Zhi)²; Gao, MC (Gao, Michael C.)^{3,4}; Dahmen, KA (Dahmen, Karin A.)⁵; Liaw, PK (Liaw, Peter K.)²; Lu, ZP (Lu, Zhao Ping)¹

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PROGRESS IN MATERIALS SCIENCE

卷: 61 页: 1-93

DOI: 10.1016/j.pmatsci.2013.10.001

出版时间: APR 2014

文献类型: Review

摘要

This paper reviews the recent research and development of high-entropy alloys (HEAs). HEAs are loosely defined as solid solution alloys more than five principal elements in equal or near equal atomic percent (at.%). The concept of high entropy introduces a new path of advanced materials with unique properties, which cannot be achieved by the conventional micro-alloying approach based on only one element. Up to date, many HEAs with promising properties have been reported, e.g., high wear-resistant HEAs, Co_{1.5}CrFeNi_{1.5}Ti and Al_{0.2}Co_{1.5}CrFeNi_{1.5}Ti alloys; high-strength body-centered-cubic (BCC) AlCoCrFeNi HEAs at room temperature, and NbMoTaV HEA at elevated temperatures. Furthermore, the general corrosion resistance of the Cu_{0.5}NiAlCoCrFeSi HEA is much better than that of the conventional steel. This paper first reviews HEA formation in relation to thermodynamics, kinetics, and processing. Physical, magnetic, chemical, and properties are then discussed. Great details are provided on the plastic deformation, fracture, and magnetization from the perspectives of noise and Barkhausen noise measurements, and the analysis of serrations on stress-strain curves at specific strain rates or testing temperatures.

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创建

文献资源快速分享

The screenshot shows the Web of Science search results page. At the top, the Clarivate logo is on the left, and '简体中文' and '产品' are on the right. Below the logo, 'Web of Science™' is followed by navigation links: '检索', '标记结果列表', '历史', and '跟踪服务'. A user profile 'Dan Li' is visible in the top right.

The main content area shows the search results for the query '"heavy metal*" AND fish* (主题)'. The search bar contains the query, and buttons for '分析检索结果', '引文报告', and '创建跟踪服务' are to its right. A red box highlights the '复制检索式链接' button. Below the search bar, there are options for '出版物' and '您可能也想要...' with a 'New' tag.

On the left side, there is a '精炼检索结果' section with a search input '在结果中检索...' and a '快速过滤' section with various filters like '高被引论文', '热点论文', '综述论文', '在线发表', '开放获取', and '相关数据'. Below this is an '出版年' filter with a dropdown arrow and a list of years (2021) and counts (308).

The main results list shows two entries. The first entry is 'Effects of heavy metal accumulation on the 96-h LC50 values in tench Tinca tinca L., 1758' by Shah, SL and Altindag, A. A red box highlights the '...' menu icon, and another red box highlights the '复制入藏号' and '复制论文链接' options. The second entry is 'Indicators for heavy metal monitoring - Additional attributes' by Rayment, G. A red box highlights the '复制入藏号' and '复制论文链接' options.

Red annotations include '复制检索式链接' on the left and '复制入藏号或论文链接' on the right, pointing to the highlighted menu options.

复制检索式链接

复制入藏号或论文链接

5. 如何选择合适的投稿期刊?

如果稿件投向了不合适的期刊会遭遇...

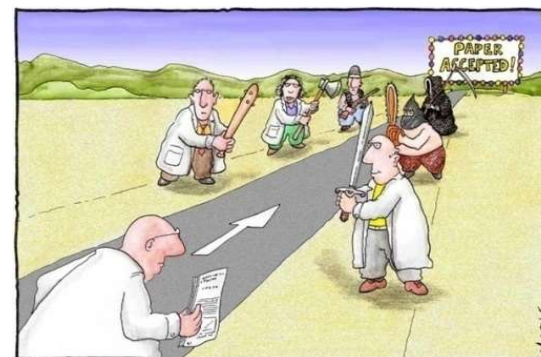


因研究内容“不适合本刊”，而被退稿或使稿件延迟数周或数月发表。

埋在一份同行很少问津的期刊中，达不到与小同行交流的目的。也可能从没有被人引用。



少有同行关注



不公正的同行评议

由于编辑和审稿人对作者研究领域的了解比较模糊，导致稿件受到较差或不公正的同行评议。

投稿选刊——分析检索结果：出版物标题分析



Web of Science™ 检索 qingwen yuan

检索 > Lithography (主题) and 综... > Lithography (主题) 的结果

51,280 条来自 Science Citation Index Expanded (SCI-Expanded)的结果:

Q Lithography (主题) **分析检索结果** 引文报告 创建跟踪服务

复制检索式链接

出版物 您可能也想要...

精炼检索结果

在结果中检索...

按标记结果列表过滤

快速过滤

- 高被引论文 185
- 热点论文 2
- 综述论文 1,793
- 在线发表 110
- 开放获取 11,706
- 相关数据 54
- 被参考文献深度分析 1,754

作者

0/51,280 添加到标记结果列表 导出

1 Photo-curing 3D printing technique and its challenges
Quan, HY; Zhang, I; (...); Zhu, XQ
Mar 2020 | [BIOACTIVE MATERIALS](#) 5 (1), pp.110-115
In recent ten years, 3D printing technology has been developed rapidly. As an advanced technology, 3D printing has been used to fabricate complex and high-precision objects in many fields. 3D printing has several technologies. Among these technologies, photo-curing 3D printing was the earliest and most mature technology. In 1988, the first 3D printing machine which was based on photo-curing and ... 显示更多
出版商处的免费全文 ...

2 3D Printed Flexible Strain Sensors: From Printing to Devices and Signals
Liu, HD; Zhang, HJ; (...); Huang, W
Feb 2021 | Jan 2021 (在线发表) | [ADVANCED MATERIALS](#) 33 (8)
The revolutionary and pioneering advancements of flexible electronics provide the boundless potential to become one of the leading trends in the exploitation of wearable devices and electronic skin. Working as substantial intermediates for the collection of external mechanical signals, flexible strain

60 被引频次
103 参考文献

相关记录 ?

强大的分析功能——18字段：

- 作者
- 出版年
- 来源期刊
- 文献类型
- 会议名称
- 国家/地区
- 基金资助机构
- 授权号
- 团体作者
- 机构
- 机构扩展
- 语种
- WOS学科类别
- 编者
- 丛书名称
- 研究方向...

投稿选刊

分析检索结果——
出版物标题分析

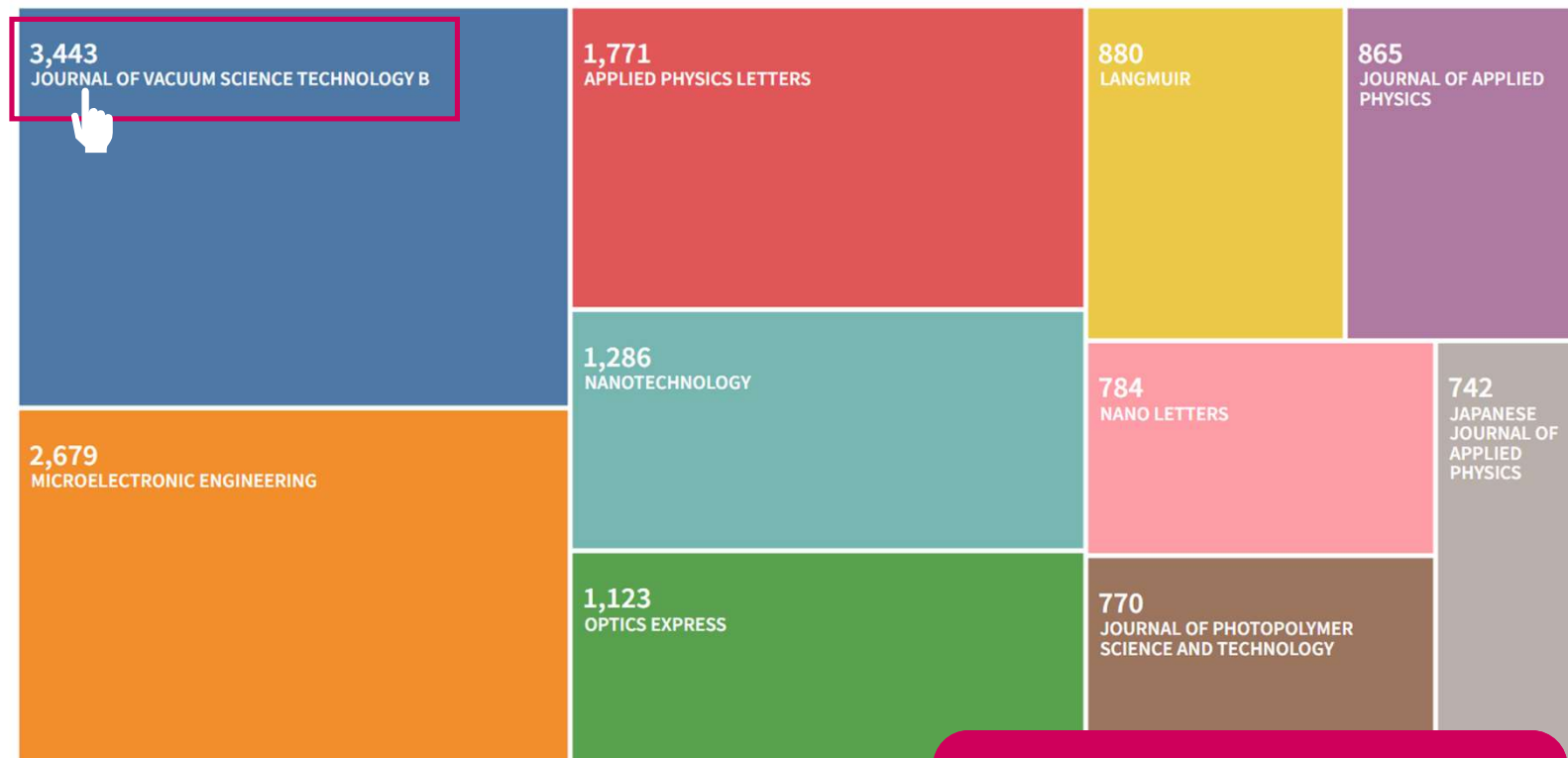
“光刻机”相关研究



“光刻机”相关研究有哪些可以参考的投稿期刊?



借鉴同领域更多科研人员的投稿经验



发现相关的学术期刊进行投稿
- 分析备选期刊的录用倾向性
- 尤其是跨学科的领域投稿指导

投稿选刊

和JCR无缝连接全面了解目标期刊

“光刻机”相关研究

“光刻机”相关研究期刊表现如何？

Web of Science™ 检索

检索 > ... > Lithography (主题) and JO... > Lithography (主题) and JOURNAL OF VACUUM SCIENCE TECHNOLOGY B (出...

3,443 条来自 Science Citation Index Expanded (SCI-Expanded)的结果:

Q 菜单
文件夹
刷新
分享
通知

精炼依据: 出版物标题: JOURNAL OF VACUUM SCIENCE TECHNOLOGY B X 全部清除

复制检索式链接

出版物 您可能也想要...

精炼检索结果

在结果中检索...

按标记结果列表过滤

被引参考文献深度分析

开放获取 301
被引参考文献深度分析 28

作者
显示研究人员个人信息
Smith, H.I. 76

0/3,443 添加到标记结果列表 导出

1 Theoretical research on suppression ratio of dynamic gas lock control
Sun, JZ; Wang, KB; (...); Ding, JB
Jul 2022 JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B 40 (4)
被引参考文献深度分析
Dynamic gas lock (DGL) is an important technology for contamination control of diffusion from the dirty compartment into the clean one and allows passage of EUV proposed for EUV scanners. The suppression ratio is the key index of DGL, but the
出版商处的全文

2 Stochastic defect removal coating for high-performance extren

期刊影响因子™
2021 五年
1.572 1.445

JCR 学科类别 类别排序 类别分区

JCR 学科类别	类别排序	类别分区
ENGINEERING, ELECTRICAL & ELECTRONIC 其中 SCIE 版本	211/276	Q4
NANOSCIENCE & NANOTECHNOLOGY 其中 SCIE 版本	96/109	Q4
PHYSICS, APPLIED 其中 SCIE 版本	126/161	Q4

来源: Journal Citation Reports 2021. 进一步了解

Journal Citation Indicator™ New
2021 2020
0.3 0.31

JCI 学科类别 类别排序 类别分区

JCI 学科类别	类别排序	类别分区
ENGINEERING, ELECTRICAL & ELECTRONIC 其中 SCIE 版本	265/344	Q4
NANOSCIENCE & NANOTECHNOLOGY 其中 SCIE 版本	106/138	Q4
PHYSICS, APPLIED 其中 SCIE 版本	134/178	Q4

期刊引文指标是衡量期刊在最近三年内发表的可引用项目 (文献和审阅) 的平均类别归一化影响力 (CNCI)。它用于帮助您根据期刊影响因子 (JIF) 以外的其他指标评估期刊。
进一步了解

16 ?

投稿选刊

EndNote自动匹配
找出最适合您稿件的期刊

我的这篇论文有哪些投稿期刊推荐？

The screenshot shows the EndNote web interface. At the top, the navigation bar includes 'Web of Science', 'InCites', 'Journal Citation Reports', 'Essential Science Indicators', 'EndNote', 'Publons', and 'Kopernio'. The 'EndNote' tab is highlighted with a hand icon. Below the navigation bar, the 'Web of Science' logo is visible on the left, and the 'Clarivate Analytics' logo is on the right. A secondary navigation bar contains '我的参考文献', '收集', '组织', '格式化', '匹配', '选项', and '下载项'. The '匹配' (Match) button is highlighted with a hand icon. The main content area is titled '找出最适合您稿件的期刊' (Find the most suitable journal for your manuscript) and includes the subtext '由 Web of Science™ 提供技术支持' (Powered by Web of Science™). The interface is divided into two columns. The left column, titled '输入稿件详细信息:' (Enter manuscript details:), contains two text input fields: '*标题:' (Title) and '*摘要:' (Abstract), both with '在此处输入' (Enter here) prompts. Below these fields is a '*必填' (Required) label. Underneath is a '参考文献:' (References) section with a '选择分组' (Select group) dropdown menu and a blue arrow button. A note below reads: '包含参考文献后, 我们就可以利用更多与您稿件有关的数据点进行匹配' (After including references, we can use more data points related to your manuscript for matching). The right column, titled '工作原理' (How it works), contains the following text: '只要很少的一些信息, 例如标题、摘要和参考文献, 我们就可以帮您找出最适合投稿的期刊。' (With very little information, such as title, abstract, and references, we can help you find the most suitable journal for submission.); '通过我们正在申请专利的技术, 您可以对来自 Web of Science 的数百万数据点和引文关系进行分析, 探寻这些出版物与您引文数据之间的关联。' (Through our patented technology, you can analyze millions of data points and citation relationships from Web of Science to explore connections between these publications and your citation data.); '只需要几秒钟, 系统就会为您送上 JCR® 数据、关键的期刊信息以及出版商详情, 帮助您比较各项选择并进行投稿。' (It only takes a few seconds for the system to provide you with JCR® data, key journal information, and publisher details to help you compare options and submit.); and '只有 Clarivate Analytics 才能通过强大的 Web of Science 平台, 为您的稿件发表选择提供支持。' (Only Clarivate Analytics can provide support for your manuscript submission options through the powerful Web of Science platform.); and a link '详细了解稿件匹配的工作原理' (Learn more about how the manuscript matching process works). At the bottom of the left column, a blue button labeled '查找期刊 >' (Find journals >) is highlighted with a hand icon. The footer of the interface includes a language selection bar with options: '查看' (View), '简体中文' (Simplified Chinese), '繁体中文' (Traditional Chinese), 'English', 'Deutsch', '日本語', '한국어', 'Português', and 'Español'.



投稿选刊

EndNote自动匹配
找出最适合您稿件的期刊

我的这篇论文有哪些投稿期刊推荐？

Clarivate Analytics | EndNote

我的参考文献 收集 组织 格式化 匹配 选项 下载项

找出最适合您稿件的期刊 由 Web of Science™ 提供技术支持

9 匹配期刊

匹配分数	JCR Impact Factor 当前年份 5 年	期刊	相似论文								
	1.697 2021 1.689 5 年	AIP ADVANCES	0								
<p>最高的关键词评级</p> <ul style="list-style-type: none"> extreme ultraviolet dynamic gas lock suppression ratio formula variable cross section contamination diffusion gas flow utilization 		<p>JCR 类别</p> <table border="1"> <thead> <tr> <th>类别中的评级</th> <th>类别中的四分位置</th> </tr> </thead> <tbody> <tr> <td>MATERIALS SCIENCE, MULTIDISCIPLINARY</td> <td>282/345 Q4</td> </tr> <tr> <td>NANOSCIENCE & NANOTECHNOLOGY</td> <td>95/109 Q4</td> </tr> <tr> <td>PHYSICS, APPLIED</td> <td>120/161 Q3</td> </tr> </tbody> </table> <p>出版商: 1305 WALT WHITMAN RD, STE 300, MELVILLE, NY 11747-4501 ISSN: ***** eISSN: 2158-3226</p>	类别中的评级	类别中的四分位置	MATERIALS SCIENCE, MULTIDISCIPLINARY	282/345 Q4	NANOSCIENCE & NANOTECHNOLOGY	95/109 Q4	PHYSICS, APPLIED	120/161 Q3	<p>该信息是否有帮助? <input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否</p> <p>提交 >> 期刊信息 >></p>
类别中的评级	类别中的四分位置										
MATERIALS SCIENCE, MULTIDISCIPLINARY	282/345 Q4										
NANOSCIENCE & NANOTECHNOLOGY	95/109 Q4										
PHYSICS, APPLIED	120/161 Q3										
	7.392 2021 6.596 5 年	APPLIED SURFACE SCIENCE	0								
	3.847 2021 4.05 5 年	SENSORS	0								
	16.744 2021 14.61 5 年	CHEMICAL ENGINEERING JOURNAL	0								

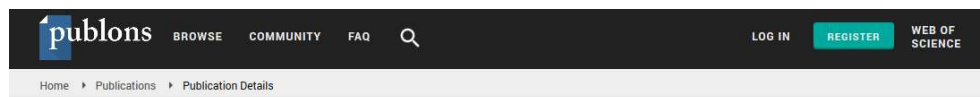
同行评议

Publons带您了解同行评议
和审稿之路

Web of Science Academy 在线学院免费了解同行评议全流程

The screenshot displays the Web of Science Academy user interface. At the top, there is a navigation bar with the Clarivate Web of Science logo, a search bar, and utility icons. Below this is a purple header with a 'Back' button and the page title 'Web of Science Academy'. The main content area is divided into two columns: 'All Courses' and 'My Courses'. The 'All Courses' section features a search bar and a grid of course cards. The first card is 'Mentoring in peer review' (ENROLLED, EN, E-Learning). The second is 'Co-reviewing with a mentor' (OPEN ENROLLMENT, EN, E-Learning, marked 'New'). The third is 'Reviewing in the Sciences' (ENROLLED, EN, E-Learning). The 'My Courses' section shows '2 Items', including 'Reviewing in the Sciences' and 'Mentoring in peer review', both marked 'In progress' and 'EN | E-Learning'.

New ! 同行评审数据： 文献全记录界面显示Publons透明同行评议徽章



Deintensification in older patients with type 2 diabetes: A systematic review of approaches, rates and outcomes

Published in Diabetes, Obesity and Metabolism on July 01, 2019

WEB OF SCIENCE (FREE ACCESS)

[VIEW FULL BIBLIOGRAPHIC RECORD](#)

REVIEW BADGES

- 5 pre-pub reviews
- 0 post-pub reviews

IDENTIFIERS

- publons.com/pj/18064533/
- doi.org/10.1111/DOM.13724
- ncbi.nlm.nih.gov/pubmed/30938038

ABSTRACT

Aim To assess deintensification approach antidiabetic medication and other therap cardiometabolic conditions. Methods We of Science and Cochrane databases to 3 deintensification and outcomes, and was cohorts and interventional studies) with approaches included complete withdraw one medication, but the majority of studi antihyperglycaemic medication. Rates of studies reported no deterioration in HbA1c

DECISION LETTER

2019/03/27

Dear Dr. Seidu

Thank you very much for submitting this revised manuscript. Following further review, we are pleased to tell you that it is now acceptable for publication in Diabetes, Obesity and Metabolism.

The journal currently has an impact factor of 5.98 and is currently ranked 18th in the Endocrine Category. Congratulations!

This journal has recently begun a pilot of 'transparent peer review', which means that all anonymous peer reviewer comments and your point-by-point responses to them will be made accessible to readers when your paper is published online. Indeed the journal will carry its own separate DOI number which allows the document to be cited. We think that making our peer review process and editorial decision-making, prior to publication, transparent will be welcomed by the wider scholarly community. Your support for this pilot is much appreciated.

ONGOING DISCUSSION (0 COMMENTS - CLICK TO TOGGLE)

AUTHOR RESPONSE

2019/03/19

Referee 1

Comments to the Author

Perhaps delete lines 36-51 as there is a lot of repetition with the preceding section and place lines 45-48, which defines de-intensification rates, into the previous section.

RESPONSE: We thank referee 1 for this observation. Upon reading the manuscript again, we agree that there is a lot of repetition in this section from what is already written in the introduction. However, we had to insert this section in upon recommendation from referee 2 as he/she wanted us to base our definitions on the PICO (Population, Intervention, Comparator, and Outcome) framework. This framework definition makes more sense in the methods section rather than the introduction stage, where we are expected to set the scene. Both reviewers make very good points which clarify the manuscript and yet avoid repetition. Therefore, rather than deleting the PICO definition lines, we have now carefully shortened that side and re-worded it to minimise the repetitions as pointed out by reviewer 1.

Publons透明同行评议徽章

- 来自参与“Publons透明同行评议”项目的出版社
- 含评审意见，作者反馈，编委最终意见等

目录

1. **数据与资源：Web of Science简介**
2. **Web of Science在科研选题与投稿选刊中的应用**
 - 如何洞悉本领域的研究前沿？
 - 如何高效开展课题调研？
 - 如何高效管理文献，实现文献资源共享？
 - 如何快速获取最新研究进展？
 - 如何选择合适的投稿期刊？
3. **更多资源**

3. 更多资源

更多帮助 & 资源

Clarivate 简体中文 产品

Web of Science™ 检索 qingwen yuan

文献 研究人员

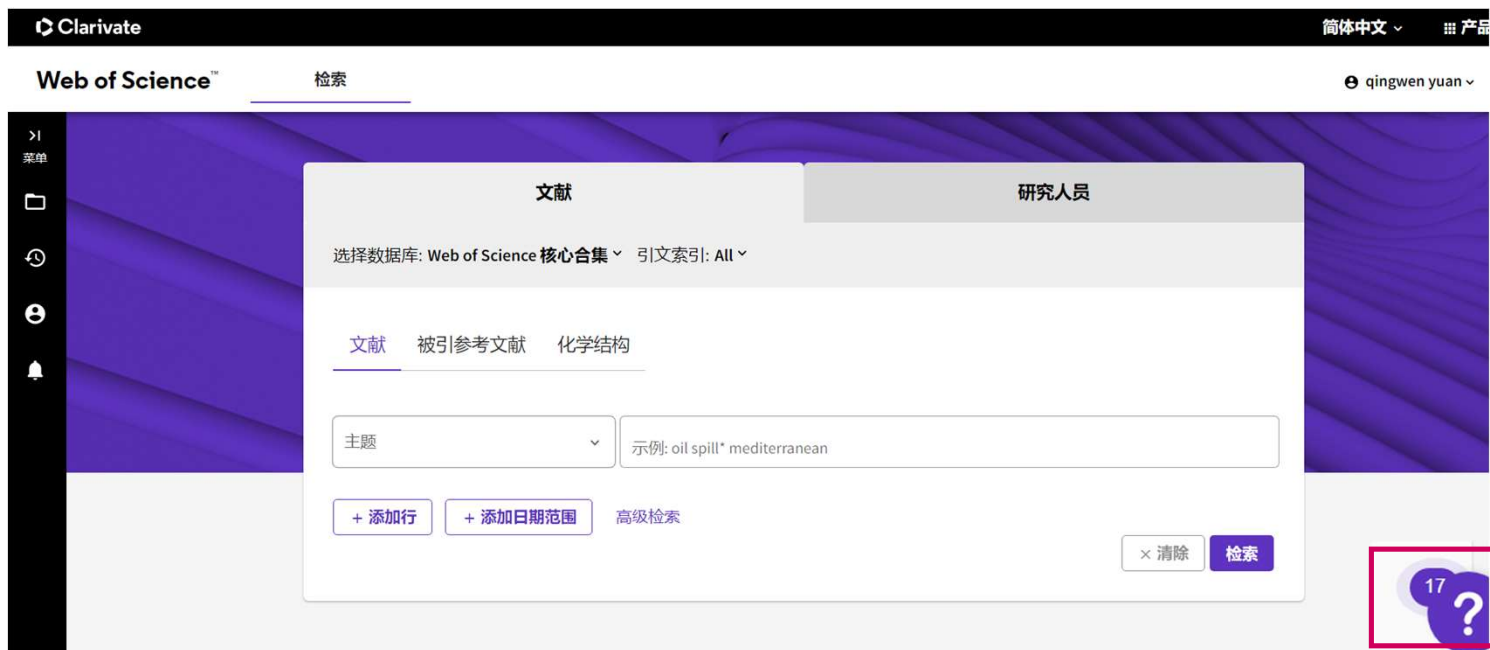
选择数据库: Web of Science 核心合集 引文索引: All

文献 被引参考文献 化学结构

主题 示例: oil spill* mediterranean

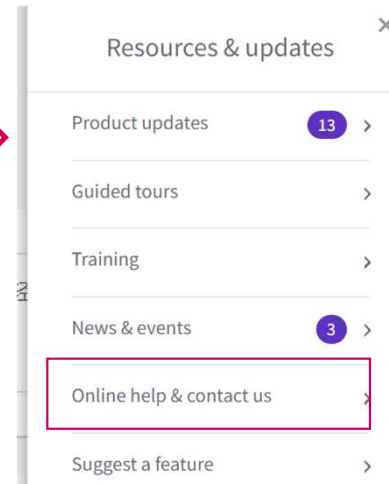
+ 添加行 + 添加日期范围 高级检索

清除 检索


A screenshot of the Web of Science search interface. The page has a dark purple header with the Clarivate logo and language options. Below the header, there's a search bar and navigation tabs for '文献' (Literature) and '研究人员' (Researchers). The search bar contains a text input with the example 'oil spill* mediterranean'. There are buttons for '+ 添加行', '+ 添加日期范围', '高级检索', '清除', and '检索'. A red arrow points from a help icon (a blue circle with a white question mark and the number 17) on the search bar to the right-hand side of the image.

Resources & updates


- Product updates 13 >
- Guided tours >
- Training >
- News & events 3 >
- Online help & contact us >
- Suggest a feature >

A screenshot of the 'Resources & updates' sidebar menu. The menu is white with a grey border and a close button (X) in the top right corner. It lists several items: 'Product updates' with a blue badge containing the number 13, 'Guided tours', 'Training', 'News & events' with a blue badge containing the number 3, 'Online help & contact us' (highlighted with a red box), and 'Suggest a feature'. Each item has a right-pointing chevron icon.

更多学习资源



Web of Science Help

Search 

您在此处: [Web of Science 合集](#) > [Web of Science 核心合集](#) > [Web of Science 核心合集](#)

Web of Science 核心合集概述

Web of Science 核心合集是世界领先的引文数据库。其中包含来自全球最有影响力的期刊（包括开放访问的期刊）以及会议录文献和书籍的论文记录。部分标题的覆盖范围可追溯到 1900 年。覆盖范围将取决于机构的订阅深度。如需 Web of Science 核心合集所涵盖期刊的完整列表，请查阅[主期刊列表](#)。

索引

Web of Science 核心合集有 10 个索引，内容包含来自数以千计的学术期刊、书籍、丛书、会议的信息。

— Journal Citation Indexes

Science Citation Index Expanded™

Science Citation Index Expanded 是针对科学期刊文献的多学科索引。It includes all cited references captured from indexed articles.

出版年: 1900 年至今

Some disciplines covered include:

- Agriculture
- 天文学
- Biochemistry
- Biology
- Biotechnology
- Chemistry
- 计算机科学
- 材料科学
- Mathematics
- 神经科学
- Oncology
- Pediatrics
- Pharmacology
- Physics
- 植物学
- Psychiatry
- Surgery
- 兽医学

Web of science帮助文档: <http://webofscience.help.clarivate.com/zh-cn/Content/wos-core-collection/wos-core-collection.htm>

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谢谢!

科睿唯安解决方案团队

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GXY
北京 海淀

客户经理：顾潇颖



扫一扫上面的二维码图案，加我为朋友。