

# 说说期刊那些事

*share*

# 交流提纲

- **1 期刊的发展历史和分类：**
- **2 期刊投稿的影响因素：**  
影响因子，读者范围，审稿时间，审稿制度...
- **3 菜鸟发表处女作的投稿期刊建议：**

# 世界上最早的期刊

- 世界上最早的期刊，也是最早的科学技术期刊有两种：一为1665年1月5日由法国议院参事戴·萨罗律师(Denys de Sallo)创办于巴黎的《学者杂志》(*Journal des Scavans*)；二为1665年3月6日由英国皇家学会秘书亨利·奥尔登伯格(Henry Oldenburg)创办于伦敦的《哲学汇刊——世界各地有创造才能者当前的探索、研究和劳动的若干总结》(*Philosophical Transactions of the Royal Society*, 1776年后改为《英国皇家学会会刊》)。
- 《学者杂志》是在法国高级官员科尔贝的支持下创办的，它是一份文学与科学兼顾的期刊，首次采用Journal一词作为刊名，其办刊宗旨为：“满足我们的好奇心和不用花费多大气力就能学到东西的一种手段”。其内容主要是报道法国和其他国家出版的各类图书，包括新书出版动态、目次和文摘，也发表一些解释自然现象的物理、化学和解剖学实验，以及气象观测记录数据等。可贵的是，这份期刊创造了世界上第一个由科学家组成的编委会，以协助编辑评审稿件并形成了期刊同仁评审体制的雏形。《学者杂志》并未延续下来，创办不久即以干涉法律与神学事务而被查禁，而时隔两个月之后创办的《哲学汇刊》却一直延续至今，成为世界上连续办刊时间最长的学术期刊。

- 英国《自然》周刊简介(Nature) [www.nature.com](http://www.nature.com)
- 《Nature》周刊是世界上最早的国际性科技期刊，自从1869年在**达尔文**支持下创刊以来，始终如一地报道和评论全球科技领域里最重要的突破，其办刊宗旨是“**将科学发现的重要结果介绍给公众...，让公众尽早知道全世界自然知识的每一分支中取得的所有进展**”。《自然》曾发表过的重要研究论文有：X-射线，中子，电子的发现，全息术的发明，DNA的结构，克隆羊多利等。现今由The Nature Publishing Group出版，发展有多种姊妹刊。
- 美国《科学》周刊简介[www.sciencemag.org](http://www.sciencemag.org)
- 《科学》周刊由**托马斯·爱迪生**支持创办于1880年，自1900年起成为美国科学促进会（AAAS）的官方刊物。杂志的早期以报告物理类科学研究著称，有无线电报技术、新的化学元素、以及怀特兄弟飞行试验的最早报道等内容。后来促进会对杂志社进行宏观监控,主要报导科学新闻、研究成果和科研发展趋势,其办刊宗旨是“**发展科学，服务社会**”。《科学》周刊严格的同行评议过程确定了该杂志作为有声望的、可信的新科学信息的来源的地位。

# 核心期刊概念

- 1931年著名文献学家布拉德福首先揭示了文献集中与分散规律，发现某时期某学科1/3的论文刊登在3.2%的期刊上；1967年联合国教科文组织研究了二次文献在期刊上的分布，发现75%的文献出现在10%的期刊中；1971年，SCI的创始人加菲尔德统计了参考文献在期刊上的分布情况，发现24%的引文出现在1.25%的期刊上，等等，这些研究都表明期刊存在“核心效应”，从而衍生了“核心期刊”的概念。

## 核心期刊

——某学科（或某领域）的核心期刊，是指那些发表该学科（或该领域）论文较多、使用率（含被引率、摘转率和流通率）较高、学术影响较大的期刊。

目前：**国际**三大索引：

- **SCI** 《科学引文索引》， Science Citation Index
- **EI** 《工程索引》， The Engineering Index
- **CPCI [ISTP]** 《科技会议录索引》， Conference Proceedings Citation Index (Index to Scientific & Technical Proceedings)

- **国内**有7大核心期刊（或来源期刊）遴选体系：
- 北京大学图书馆 “中文核心期刊”
- 南京大学 “中文社会科学引文索引（**CSSCI**）来源期刊”
- 中国科学技术信息研究所 “中国科技论文统计源期刊”（又称“中国科技核心期刊”）
- 中国社会科学院文献信息中心 “中国人文社会科学核心期刊”
- 中国科学院文献情报中心 “中国科学引文数据库（**CSCD**）来源期刊”
- 中国人文社会科学学报学会 “中国人文社科学报核心期刊”
- 万方数据股份有限公司正在建设中的“中国核心期刊遴选数据库”。



Is SCI 《Science Citation Index》 a journal?

SCI是美国《科学引文索引》的英文简称，其全称为：Science Citation Index,，创刊于1961年，它是根据现代情报学家加菲尔德(Engene Garfield) 1953年提出的引文思想而创立的。

1963年出版 *Science Citation Index*

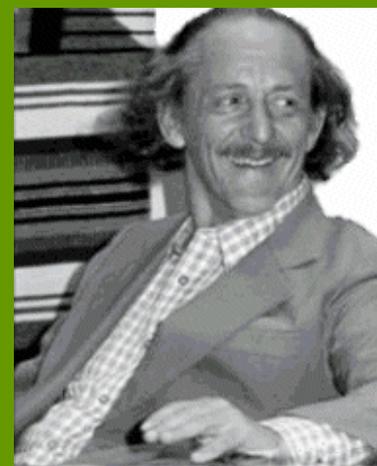
1973年出版 *Social Sciences Citation Index*

1978年出版 *Arts & Humanities Citation Index*

A: yes

B: no

C: I don't know



**Dr. Eugene Garfield**

Founder & Chairman Emeritus  
ISI, Thomson Scientific

“Our ultimate goal is to extend our retrospective coverage of the scientific literature back to the twentieth century. The Century of Science initiative makes that dream come true.”

## 常见问题解答：SCI和SCIE是什么关系？

- SCI光盘版与SCI网络版收录标准完全一致，区别：载体的不同
- SCI载体的发展是随着科学技术手段的进步不断发展的：

SCI纸本期刊 → SCI光盘版 → SCI网络版

- SCI的期刊收录是一个动态变化的过程，会不断收入新学科新地域等的优秀期刊，并持续跟踪和监测，以保证其始终如一的高水准。而光盘版的容量有限，只能兼顾地域性地收入3000多种。
- 查看当前被SCI收录的期刊列表
  - <http://science.thomsonreuters.com/mjl/>

- [Science Citation Index®](#) >
- [Science Citation Index Expanded™](#) > (*Web of Science*)
- [Social Sciences Citation Index®](#) > (*Web of Science*)

### JOURNAL SEARCH



#### SCIENCE CITATION INDEX EXPANDED

- [SEARCH](#) Find a specific journal by title, title words, or ISSN
- [VIEW JOURNAL LIST](#) View a list of all journals
- [VIEW SUBJECT CATEGORY](#) View a list of all journals covered in a specific category
- [VIEW JOURNAL CHANGES](#) View a list of all journal coverage changes

# 交流提纲

- **1 期刊的发展历史和分类:**

- **2 期刊投稿的影响因素:**

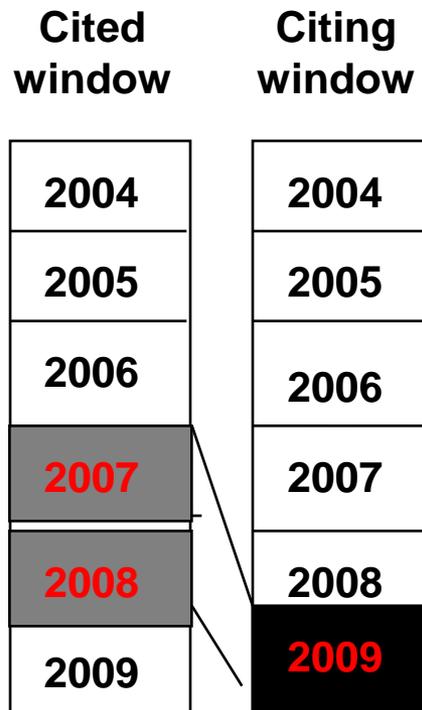
影响因子, 读者范围, 审稿时间, 审稿制度...

- **3 菜鸟发表处女作的投稿期刊建议:**

# Impact Factor (IF)

Impact Factor<sub>2009</sub> =

$$\frac{\text{Number of citations in 2009 to articles published in 2007 and 2008}}{\text{Number of source items published in 2007 and 2008}}$$



*Example*

*Journal of ...* publishes 75 articles in 2008 and 83 articles in 2007.

In 2009 it receives a total of 344 citations to these articles in all the other published journals.

The journal's Impact Factor for 2009 is  $344 \div (75 + 83) = 2.18$



# What the highest Journal Impact Factor Today?



**CA: A Cancer Journal for Clinicians 101.78**

# Journal Citation Reports®

[Information for New Users](#)

<b>Select a JCR edition and year:</b>	<b>Select an option:</b>
<input checked="" type="radio"/> JCR Science Edition 2011	<input type="radio"/> View a group of journals by <span>Subject Category</span>
	<input type="radio"/> Search for a specific journal
	<input checked="" type="radio"/> View all journals
<input type="button" value="SUBMIT"/>	

WELCOME HELP

2011 JCR Science Edition

**Journal Summary List**

Journals from: **All Journals**

Sorted by: Impact Factor

[Journal Title Changes](#)

Journals 1 - 20 (of 8336)

« « « [ 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 ] » » »

Page 1 of 417

*Ranking is based on your journal and sort selections.*

Mark	Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	JCR Data						Eigenfactor® Metrics	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor® Score	Article Influence® Score
<input type="checkbox"/>	1	<a href="#">CA-CANCER J CLIN</a>	0007-9235	10976	101.780	67.410	21.263	19	3.8	0.04500	24.536
<input type="checkbox"/>	2	<a href="#">NEW ENGL J MED</a>	0028-4793	232068	53.298	50.075	11.484	349	7.8	0.66383	21.304
<input type="checkbox"/>	3	<a href="#">ANNU REV IMMUNOL</a>	0732-0582	15990	52.761	42.901	9.174	23	8.2	0.05199	23.427
<input type="checkbox"/>	4	<a href="#">REV MOD PHYS</a>	0034-6861	31368	43.933	44.436	10.026	38	9.8	0.11661	28.900
<input type="checkbox"/>	5	<a href="#">CHEM REV</a>	0009-2655	103702	40.197	42.054	7.158	196	7.9	0.21470	13.333

# statistical data

ISI Web of Knowledge<sup>SM</sup>

Journal Citation Reports<sup>®</sup>

[WELCOME](#) [HELP](#) [RETURN TO LIST](#) [NEXT JOURNAL](#)

2011 JCR Science Edition

Journal: CA-A CANCER JOURNAL FOR CLINICIANS

Mark	Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
	<a href="#">CA-CANCER J CLIN</a>	0007-9235	10976	<a href="#">101.780</a>	<a href="#">67.410</a>	<a href="#">21.263</a>	19	<a href="#">3.8</a>	<a href="#">5.6</a>

[Cited Journal](#) [Citing Journal](#) [Source Data](#) [Journal Self Cites](#)

[CITED JOURNAL DATA](#)

[CITING JOURNAL DATA](#)

[IMPACT FACTOR TREND](#)

[RELATED JOURNALS](#)

## Journal Information

**Full Journal Title:** CA-A CANCER JOURNAL FOR CLINICIANS

**ISO Abbrev. Title:** CA-Cancer J. Clin.

**JCR Abbrev. Title:** CA-CANCER J CLIN

**ISSN:** 0007-9235

**Issues/Year:** 6

**Language:** ENGLISH

**Journal Country/Territory:** UNITED STATES

**Publisher:** WILEY-BLACKWELL

**Publisher Address:** COMMERCE PLACE, 350 MAIN ST, MALDEN 02148, MA,

**Subject Categories:** ONCOLOGY

[SCOPE NOTE](#)

[VIEW JOURNAL SUMMARY LIST](#)

[VIEW CATEGORY DATA](#)

**Eigenfactor<sup>®</sup> Metrics**

**Eigenfactor<sup>®</sup> Score**

0.04500

**Article Influence<sup>®</sup> Score**

24.536

**Additional Links**

National Library of China

[GO](#)

**Journal Rank in Categories:** [JOURNAL RANKING](#)

**Journal Impact Factor**

# Journal Ranking

ISI Web of Knowledge<sup>SM</sup>

Journal Citation Reports<sup>®</sup>



2011 JCR Science Edition

## Rank in Category: CA-A CANCER JOURNAL FOR CLINICIANS

### Journal Ranking <sup>i</sup>

For **2011**, the journal **CA-A CANCER JOURNAL FOR CLINICIANS** has an Impact Factor of **101.780**.

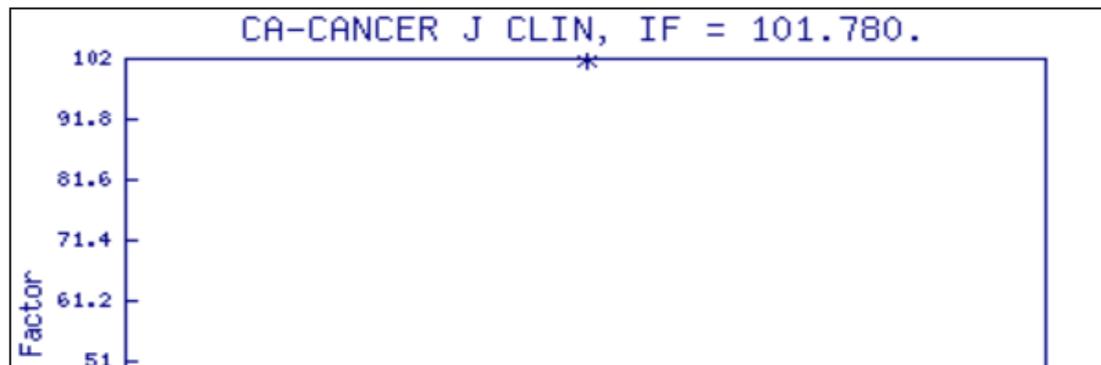
This table shows the ranking of this journal in its subject categories based on Impact Factor.

Category Name	Total Journals in Category	Journal Rank in Category	Quartile in Category
ONCOLOGY	196	1	Q1

### Category Box Plot <sup>i</sup>

For **2011**, the journal **CA-A CANCER JOURNAL FOR CLINICIANS** has an Impact Factor of **101.780**.

This is a box plot of the subject category or categories to which the journal has been assigned. It provides information about the distribution of journals based on Impact Factor values. It shows median, 25th and 75th percentiles, and the extreme values of the distribution.



Select a JCR edition and year:	Select an option:
<input checked="" type="radio"/> JCR Science Edition <input type="text" value="2010"/>	<input type="radio"/> View a group of journals by <input type="text" value="Subject Category"/>
	<input checked="" type="radio"/> Search for a specific journal
	<input type="radio"/> View all journals
<input type="button" value="SUBMIT"/>	

## Journal Citation Reports

### Journal Search

The Journal Search page allows you to search for specific titles.

1. Select a search option from the **Search by** menu. The options are: [Full Journal Title](#), [Abbreviated Journal Title](#), [Title Word](#), and [ISSN](#).
2. Enter a title, a partial title, a title word, or an ISSN. Capitalization does not affect your search.
3. Click the **Search** button.

#### *Search Examples:*

**Full Journal Title:** Enter **JOURNAL OF CELLULAR PHYSIOLOGY**  
or **JOURNAL OF CELL\*** ([more examples](#))

**Abbreviated Journal Title:** Enter **J CELL PHYSIOL** or **J CELL \*** ([more examples](#))

**Title Word:** Enter **CELLULAR** or **CELL\*** ([more examples](#))

**ISSN:** Enter **0021-9541** or other ISSN ([more examples](#))

### Full Journal Title

Enter a journal title or a partial title with a wildcard. As an alternative, click **view list of full journal titles**, and then cut and paste a title from the list.

The asterisk (\*) wildcard represents any number of characters, including no characters. At least one character is required before the asterisk.

#### Examples:

- **Journal of Mathematical Chemistry** matches *Journal of Mathematical Chemistry*.
- **Journal of Math\*** matches *Journal of Mathematical Biology*, *Journal of Mathematical Chemistry*, *Journal of Mathematical Economics*, etc.

### Abbreviated Journal Title

Enter an abbreviated journal title. The abbreviated journal title must be the JCR abbreviated title, not the ISO abbreviated title. You may use the asterisk wildcard to truncate abbreviated titles.

#### Examples:

- **Mol Mater** matches *Mol Mater (Molecular Materials)*.
- **Mol\*** finds *Mol Biol Cell (Molecular Biology of the Cell)*, *Mol Cell Biol (Molecular and Cellular Biology)*, *Mol Mater (Molecular Materials)*, etc.
- **Mol Cancer\*** finds *Mol Cancer Res (Molecular Cancer Research)* and *Mol Cancer Ther (Molecular Cancer Therapeutics)*.

## Title Word

Find journals whose title contains the word you enter. Truncate to find plurals and variant spellings.

### Examples:

- **Ocean** finds *Applied Ocean Research, China Ocean Engineering, Ocean & Coastal Management, etc.*
- **Ocean\*** finds the same titles that **Ocean** finds, as well as *Fish Oceanography, Oceanology*, and other titles that contains a word beginning with *Ocean*.
- **Ocean Eng\*** finds *China Ocean Engineering, Ocean Engineering, and Journal of Waterway Port Coastal and Ocean Engineering-ASCE*.

## ISSN

Find the journal whose [ISSN](#) matches exactly the number you enter. Keep in mind that a journal may have two ISSN's if it is published as printed journal and an electronic journal.

### Examples:

- **0248-4900** finds the journal whose ISSN is 0248-4900.
- **02484900** finds the journal whose ISSN is 0248-4900.

所有数据库 | **选择一个数据库**

检索 | 作者甄别 | 被引参考文献检索 | 化学结构

**Web of Science<sup>SM</sup>**

**被引参考文献检索** (查找引用个人著作)

第 1 步: 输入有关 "被引著作" 的信息。各字

\* 注: 输入与其他字段相组配的卷、期或页可能会

示例: O'Brian C\* OR OBrian C\*

示例: J Comp\* Appl\* Math\* (期刊缩)

示例: 1943 or 1943-1945

添加另一字段 >>

检索

清除

只能进

**期刊名称缩写**

此列表显示作为被引著作的期刊名称缩写。从此列表中复制缩写形式的(黑体字)名称并粘贴到“被引参考文献检索”页面中的“被引著作”字段

使用被引著作索引查找更多的期刊名称缩写, 以及书籍和其他出版物名称的缩写。此索引包括 *Web of Science* 中所有的

单击字母, 按照字母顺序浏览期刊列表。

0-9 **A** B C D E F G H I J K L M N O P Q R S T U V W X Y Z

**期刊列表**

- A + U-ARCHITECTURE AND URBANISM
- A U-ARCHIT URBAN**
- A CRITICAL REVIEW: LASER TECHNOLOGIES FOR DEFENSE AND SECURITY
- P SOC PHOTO-OPT INS**
- A N A E-APPROCHE NEUROPSYCHOLOGIQUE DES APPRENTISSAGES CHEZ L ENFANT
- ANAE**
- A WAKE NEWSLITTER
- WAKE NEWSL**
- AAA-ARBEITEN AUS ANGLISTIK UND AMERIKANISTIK
- AAA-ARB ANGLIST AM**
- AAAS R&D BUDGET AND POLICY PROJECT
- AAAS R&D B**
- AAAS SELECTED SYMPOSIA SERIES
- AAAS SELECT**
- AACE BULLETIN
- AACE BULL**
- AALL PUBLICATIONS SERIES
- AALL PUBL S**
- AAPG BULLETIN
- AAPG BULL**
- AAPG BULLETIN-AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS
- AAPG BULL**
- AAPG MEMOIRS
- AAPG MEMOIR**
- AAPG STUDIES IN GEOLOGY
- AAPG STUD GEOL**
- AAPS JOURNAL
- AAPS J**
- AAPS PHARMSCI
- AAPS PHARMSCI**
- AAPS PHARMSCITECH

# Journal Title Abbreviations

# Journal Citation Reports<sup>®</sup>

<b>Select a JCR edition and year:</b>	<b>Select an option:</b>
<input checked="" type="radio"/> JCR Science Edition 2011 ▾	<input checked="" type="radio"/> View a group of journals by Subject Category ▾
	<input type="radio"/> Search for a specific journal
	<input type="radio"/> View all journals
<input type="button" value="SUBMIT"/>	

*This product is best viewed in 800x600 or higher resolution*

[NOTICES](#)

## Journal Citation Reports<sup>®</sup>

[WELCOME](#) [HELP](#)

### Subject Category Selection

<b>1) Select one or more categories from the list.</b> <a href="#">(How to select more than one)</a>	<ul style="list-style-type: none"><li>CELL &amp; TISSUE ENGINEERING</li><li>CELL BIOLOGY</li><li>CHEMISTRY, ANALYTICAL</li><li>CHEMISTRY, APPLIED</li><li>CHEMISTRY, INORGANIC &amp; NUCLEAR</li><li>CHEMISTRY, MEDICINAL</li><li><b>CHEMISTRY, MULTIDISCIPLINARY</b></li><li>CHEMISTRY, ORGANIC</li><li>CHEMISTRY, PHYSICAL</li></ul>
<b>2) Select to view Journal data or aggregate Category data.</b>	<input checked="" type="radio"/> <input type="button" value="Journal Data"/> View Journal Data - sort by: Journal Title ▾
	<input type="radio"/> <input type="button" value="Category Data"/> View Category Data - sort by: Category Title ▾
<input type="button" value="SUBMIT"/>	

WELCOME HELP

## Journal Summary List

[Journal Title Changes](#)

Journals from: **subject categories CHEMISTRY, MULTIDISCIPLINARY** VIEW CATEGORY SUMMARY LIST

Sorted by:  SORT AGAIN

Journals 1 - 20 (of 154)

**Sort again**

6 | 7 | 8 | >>>

Page 1 of 8

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	JCR Data						Eigenfactor <sup>®</sup> Metrics	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor <sup>®</sup> Score	Article Influence <sup>®</sup> Score
<input type="checkbox"/>	1	<a href="#">ACCOUNTS CHEM RES</a>	0001-4842	39664	21.640	22.507	3.460	126	7.0	0.10120	7.299
<input type="checkbox"/>	2	<a href="#">ACS COMB SCI</a>	2156-8952	81			0.852	88		0.00006	
<input type="checkbox"/>	3	<a href="#">ACS NANO</a>	1936-0851	22409	11.421	11.708	1.631	1141	2.0	0.12083	3.767
<input type="checkbox"/>	4	<a href="#">ACTA CHIM SINICA</a>	0567-7351	2291	0.533	0.531	0.041	461	5.6	0.00281	0.067
<input type="checkbox"/>	5	<a href="#">ACTA CHIM SLOV</a>	1318-0207	1116	1.328	1.278	0.109	119	4.1	0.00299	0.262
<input type="checkbox"/>	6	<a href="#">ACTA PHARMACOL SIN</a>	1671-4083	4685	1.953	2.083	0.380	200	6.1	0.00998	0.513



# A special journal

Journal: Nano Today

Mark	Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
	<a href="#">NANO TODAY</a>	1748-0132	2170	<a href="#">15.355</a>	<a href="#">16.078</a>	<a href="#">2.324</a>	37	<a href="#">2.8</a>	<a href="#">4.0</a>

[Cited Journal](#) [Citing Journal](#) [Source Data](#) [Journal Self Cites](#)

[CITED JOURNAL DATA](#) [CITING JOURNAL DATA](#) [IMPACT FACTOR TREND](#) [RELATED JOURNALS](#)

Journal Information ⓘ

**Full Journal Title:** Nano Today  
**ISO Abbrev. Title:** Nano Today  
**JCR Abbrev. Title:** NANO TODAY  
**ISSN:** 1748-0132  
**Issues/Year:** 6  
**Language:** ENGLISH  
**Journal Country/Territory:** ENGLAND  
**Publisher:** ELSEVIER SCI LTD  
**Publisher Address:** THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND  
**Subject Categories:** CHEMISTRY, MULTIDISCIPLINARY [SCOPE NOTE](#)

**Eigenfactor® Metrics**  
**Eigenfactor® Score**  
0.01213  
**Article Influence® Score**  
5.167

**Additional Links**  
National Library of China

[VIEW JOURNAL SUMMARY LIST](#) [VIEW CATEGORY DATA](#)  
NANOSCIENCE & NANOTECHNOLOGY [SCOPE NOTE](#)  
[VIEW JOURNAL SUMMARY LIST](#) [VIEW CATEGORY DATA](#)  
MATERIALS SCIENCE, MULTIDISCIPLINARY  
[SCOPE NOTE](#) [VIEW JOURNAL SUMMARY LIST](#) [VIEW CATEGORY DATA](#)

**Journal Rank in Categories:** [JOURNAL RANKING](#)

# A special journal

ISI Web of Knowledge<sup>SM</sup>

Journal Citation Reports<sup>®</sup>

[WELCOME](#) [? HELP](#) [RETURN TO JOURNAL](#)

2011 JCR Science Edition

## Rank in Category: Nano Today

### Journal Ranking <sup>i</sup>

For **2011**, the journal **Nano Today** has an Impact Factor of **15.355**.

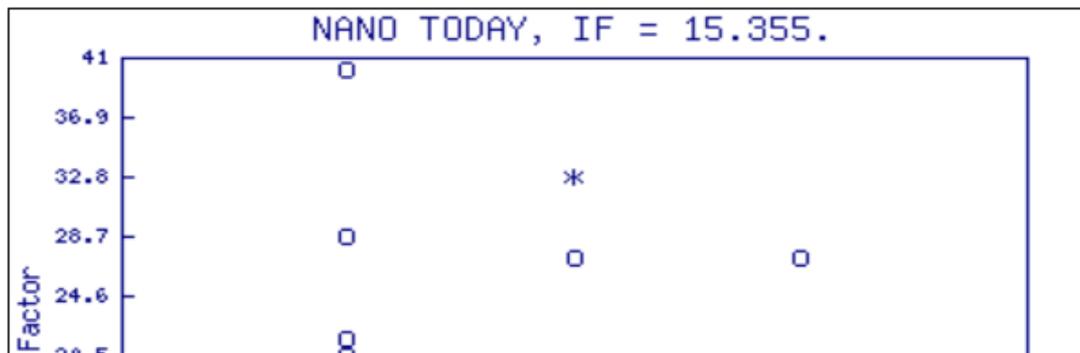
This table shows the ranking of this journal in its subject categories based on Impact Factor.

Category Name	Total Journals in Category	Journal Rank in Category	Quartile in Category
CHEMISTRY, MULTIDISCIPLINARY	154	5	Q1
MATERIALS SCIENCE, MULTIDISCIPLINARY	232	4	Q1
NANOSCIENCE & NANOTECHNOLOGY	66	2	Q1

### Category Box Plot <sup>i</sup>

For **2011**, the journal **Nano Today** has an Impact Factor of **15.355**.

This is a box plot of the subject category or categories to which the journal has been assigned. It provides information about the distribution of journals based on Impact Factor values. It shows median, 25th and 75th percentiles, and the extreme values of the distribution.



# A special journal

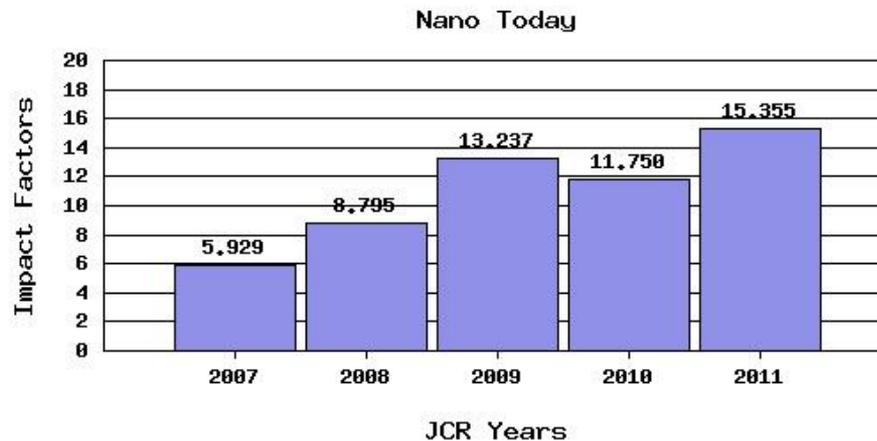
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Journal Citation Reports<sup>®</sup>

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2011 JCR Science Edition

**Impact Factor Trend Graph: Nano Today**  
Click on the "Return to Journal" button to view the full journal information.



*\*Impact Factor -- see below for calculations*

The journal impact factor is a measure of the frequency with which the "average article" in a journal has been cited in a particular year. The impact factor will help you evaluate a journal's relative importance, especially when you compare it to others in the same field. For more bibliometric data and information on this and other journal titles click on the "Return to Journal" button.

NOTE: Title changes and coverage changes may result in no impact factor for one or more years in the above graph.

## 2011 Impact Factor

Cites in 2011 to articles published in:	2010 = 493	Number of articles published in:	2010 = 37
	2009 = 674		2009 = 39
	Sum: 1167		Sum: 76

Calculation:  $\frac{\text{Cites to recent articles}}{\text{Number of recent articles}} = \frac{1167}{76} = 15.355$



## Related Journals: Nano Today

Journal Relatedness is based on the strength of cited and citing relationships. The table below lists journal(s) that likely cover topics related to those covered in NANO TODAY. [More information about these calculations.](#)

Sorted by: R max SORT AGAIN

Page 1 of 7

Journal: [dropdown menu]

- R max
- R max
- Related journal
- R journal to j
- R j to journal

Related journal (j)	Relatedness (R)	
	NANO TODAY to j	j to NANO TODAY
<a href="#">NANO TODAY</a>	249.04	249.04
<a href="#">NAT MATER</a>	118.62	9.23
<a href="#">NAT NANOTECHNOL</a>	112.23	41.39
<a href="#">ADV DRUG DELIVER REV</a>	84.39	11.27

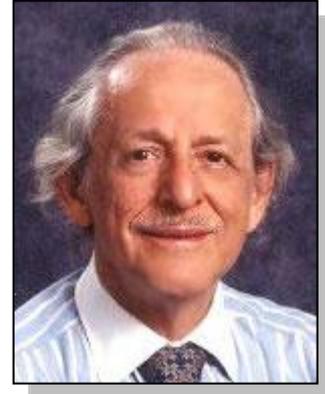
Two values are given in the Relatedness (R) column:

journal to j	Citations from current journal to Related Journal (j)
j to journal	Citations from Related Journal (j) to current journal

The higher of these two values appears in the  $R_{max}$  column. Journals in the table are ranked according to the  $R_{max}$  value. Journals at the top of the table are more likely to have a strong subject connection to the journal identified at the top of the page than journals at the bottom of the table.

<a href="#">MACROMOL BIOSCI</a>	2.69	30.16
<a href="#">TER</a>	29.78	13.65

I first mentioned the idea of an impact factor in 1955. At that time it did not occur to me that impact would one day become the subject of widespread controversy. .... It has been used constructively **to select the best journals for *Current Contents*® and the *Science Citation Index*,®** and for library collections. However, it has been **misused in many situations, especially in the evaluation of individual researchers.**



“The use of JCR and JPI in measuring short and long term journal impact”. Presented by Eugene Garfield at Council of Scientific Editors Annual Meeting held in May 9, 2000.

<http://www.garfield.library.upenn.edu/papers/cseimpactfactor05092000.html>

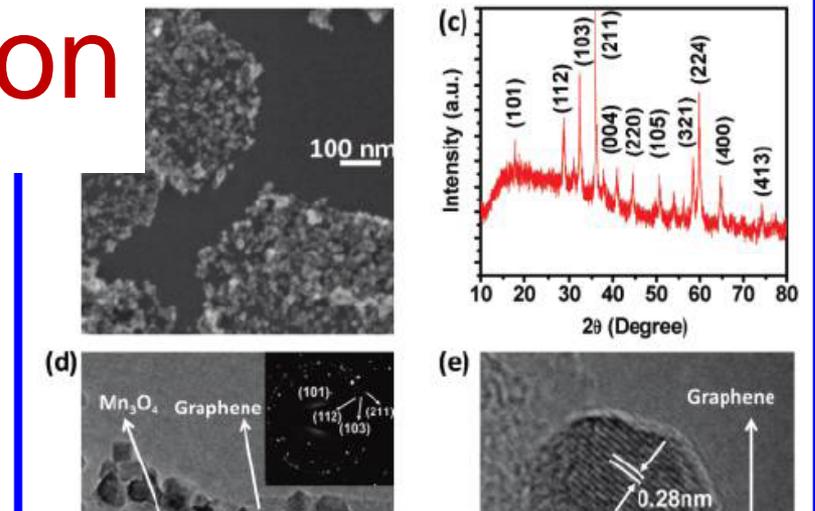
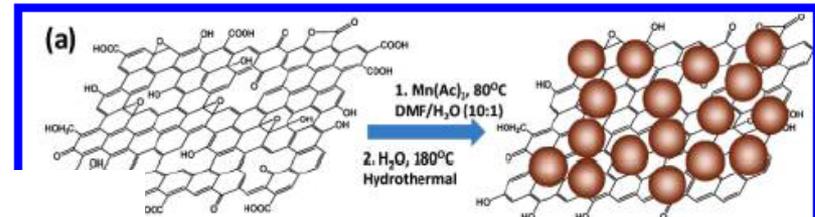
## Mn<sub>3</sub>O<sub>4</sub>–Graphene Hybrid as a High-Capacity Anode Material for Lithium Ion Batteries

Hailiang Wang,<sup>†,§</sup> Li-Feng Cui,<sup>†,§</sup> Yuan Yang,<sup>‡</sup> Hernan Sanchez Casalongue,<sup>†</sup>  
Joshua Tucker Robinson,<sup>†</sup> Yongye Liang,<sup>†</sup> Yi Cui,<sup>\*,‡</sup> and Hongjie Dai<sup>\*,†</sup>

*Department of Chemistry and Laboratory for Advanced Materials and Department of Materials Science and Engineering, Stanford University, Stanford, California 94305*

Received June 17, 2010; E-mail: hdai@stanford.edu; yicui@stanford.edu

**Abstract:** We developed two-step solution-phase reactions to form hybrid materials of Mn<sub>3</sub>O<sub>4</sub> nanoparticles on reduced graphene oxide (RGO) sheets for lithium ion battery applications. Selective growth of Mn<sub>3</sub>O<sub>4</sub> nanoparticles on RGO sheets, in contrast to free



# Speed of Publication

between the graphene substrates and the Mn<sub>3</sub>O<sub>4</sub> nanoparticles grown atop. The Mn<sub>3</sub>O<sub>4</sub>/RGO hybrid could be a promising candidate material for a high-capacity, low-cost, and environmentally friendly anode for lithium ion batteries. Our growth-on-graphene approach should offer a new technique for the design and synthesis of battery electrodes based on highly insulating materials.





## Enhanced cycling performance of Fe<sub>3</sub>O<sub>4</sub>–graphene nanocomposite as an anode material for lithium-ion batteries

Peichao Lian<sup>a</sup>, Xuefeng Zhu<sup>b</sup>, Hongfa Xiang<sup>a</sup>, Zhong Li<sup>a</sup>, Weishen Yang<sup>b</sup>, Haihui Wang<sup>a,\*</sup>

<sup>a</sup> School of Chemistry and Chemical Engineering, South China University of Technology, Wushan Road, Guangzhou 510640, China

<sup>b</sup> State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian 116023, China

### ARTICLE INFO

#### Article history:

Received 1 June 2010

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Available online 28 October 2010

#### Keywords:

Graphene sheets

Fe<sub>3</sub>O<sub>4</sub> nanoparticles

Nanocomposite

Anode material

Lithium-ion batteries

### ABSTRACT

Fe<sub>3</sub>O<sub>4</sub>–graphene nanocomposite was prepared by a gas/liquid interface reaction. The structure and morphology of the Fe<sub>3</sub>O<sub>4</sub>–graphene nanocomposite were characterized by X-ray diffraction, scanning electron microscopy and high-resolution transmission electron microscopy. The electrochemical performances were evaluated in coin-type cells. Electrochemical tests show that the Fe<sub>3</sub>O<sub>4</sub>–22.7 wt.% graphene nanocomposite exhibits much higher capacity retention with a large reversible specific capacity of 1048 mAh g<sup>-1</sup> (99% of the initial reversible specific capacity) at the 90th cycle in comparison with that of the bare Fe<sub>3</sub>O<sub>4</sub> nanoparticles (only 226 mAh g<sup>-1</sup> at the 34th cycle). The enhanced cycling performance can be attributed to the facts that the graphene sheets distributed between the Fe<sub>3</sub>O<sub>4</sub> nanoparticles can prevent the aggregation of the Fe<sub>3</sub>O<sub>4</sub> nanoparticles, and the Fe<sub>3</sub>O<sub>4</sub>–graphene nanocomposite can provide buffering spaces against the volume changes of Fe<sub>3</sub>O<sub>4</sub> nanoparticles during electrochemical cycling.

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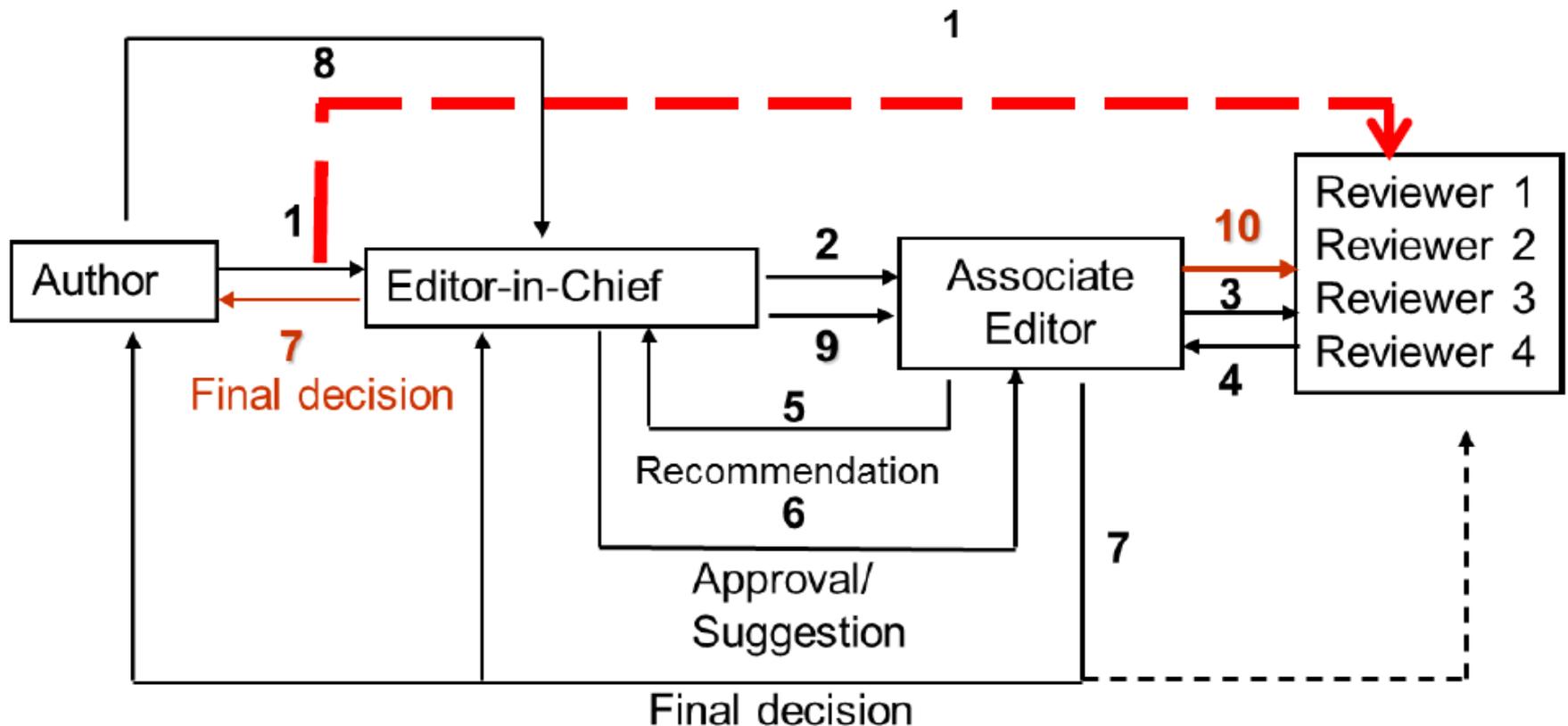
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sources for portable electronic devices and viewed as the promising power source of electric vehicle. Their energy density and power density mainly depend on the physical and chemical properties of

host anode during rapid charge [1,12]. Further advantages over other carbon alternatives in ionic conductivity, low cost and eco-friendliness [5,11–14]. However, its application in practical lithium-ion batteries is still hindered by the poor cycling performance arising from the severe aggregation and huge volume change of Fe<sub>3</sub>O<sub>4</sub>.

# Review Process

Accept subject to minor /  
major revisions / Re-submission



# 交流提纲

- **1 期刊的发展历史和分类:**

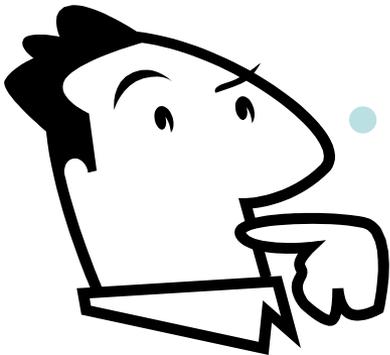
- **2 期刊投稿的影响因素:**

影响因子，读者范围，审稿时间，审稿制度...

- **3 菜鸟发表处女作的期刊投稿建议:**

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<input type="text" value="copper nano*"/> <small>示例: oil spill* mediterranean</small>	检索范围	主题
OR <input type="text" value="cu nano*"/> <small>示例: oil spill* mediterranean</small>	检索范围	主题
AND <input type="text" value=""/> <small>示例: Cancer* OR Journal of Cancer Research and Clinical Oncology</small>	检索范围	出版物名称

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- NANOSCIENCE NANOTECHNOLOGY (640)
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作者: Azam, Ameer

来源出版物: JOURNAL OF ALLOYS AND COMPOUNDS 卷: 540 页: 145-153 DOI: 10.1016/j.jallcom.2012.06.068 出版年: NOV 5 2012

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- 标题: [Inactivation of bacteria under visible light and in the dark by Cu films. Advantages of Cu-HIPIMS-sputtered films](#)

作者: Ehasarian, A.; Pulgarin, Cesar; Kiwi, John

来源出版物: ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 卷: 19 期: 9 页: 3791-3797 DOI: 10.1007/s11356-011-0734-7 出版年: NOV 2012

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<input type="checkbox"/>	NANOTECHNOLOGY	88	2.400 %	
<input type="checkbox"/>	JOURNAL OF PHYSICAL CHEMISTRY C	84	2.291 %	
<input type="checkbox"/>	JOURNAL OF APPLIED PHYSICS	79	2.155 %	
<input type="checkbox"/>	PHYSICAL REVIEW B	78	2.128 %	
<input type="checkbox"/>	APPLIED PHYSICS LETTERS	73	1.991 %	
<input type="checkbox"/>	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	68	1.855 %	
<input type="checkbox"/>	NUCLEAR INSTRUMENTS METHODS IN PHYSICS RESEARCH SECTION B BEAM INTERACTIONS WITH MATERIALS AND ATOMS	62	1.691 %	
<input type="checkbox"/>	APPLIED SURFACE SCIENCE	58	1.582 %	
<input type="checkbox"/>	JOURNAL OF MATERIALS CHEMISTRY	57	1.555 %	
<input type="checkbox"/>	JOURNAL OF PHYSICAL CHEMISTRY B	54	1.473 %	

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<input type="text" value="国家/地区"/> <input type="text" value="文献类型"/> <input type="text" value="编者"/> <input type="text" value="基金资助机构"/>	显示前 <input type="text" value="10"/> 个分析结果. 最少记录数 (阈值): <input type="text" value="2"/>	<input checked="" type="radio"/> 记录数 <input type="radio"/> 已选字段

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<input type="checkbox"/> 查看记录 <input checked="" type="checkbox"/> 排除记录	字段: 国家/地区	记录 计数	%, 共 3666	柱状图	将分析数据保存到文件 <input checked="" type="radio"/> 表格中显示的数据行 <input type="radio"/> 所有数据行
<input type="checkbox"/>	PEOPLES R CHINA	890	24.277 %		
<input type="checkbox"/>	USA	652	17.785 %		
<input type="checkbox"/>	JAPAN	343	9.356 %		
<input type="checkbox"/>	SOUTH KOREA	295	8.047 %		
<input type="checkbox"/>	INDIA	264	7.201 %		
<input type="checkbox"/>	GERMANY	215	5.865 %		
<input type="checkbox"/>	RUSSIA	210	5.728 %		
<input type="checkbox"/>	FRANCE	161	4.392 %		
<input type="checkbox"/>	TAIWAN	149	4.064 %		
<input type="checkbox"/>	IRAN	111	3.028 %		

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<input type="button" value="分析"/>		

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<input checked="" type="button" value="查看记录"/> <input checked="" type="button" value="排除记录"/>	字段: 来源出版物	记录 计数	%, 共 890	柱状图
<input type="checkbox"/>	JOURNAL OF PHYSICAL CHEMISTRY C	26	2.921 %	
<input type="checkbox"/>	NANOTECHNOLOGY	26	2.921 %	
<input type="checkbox"/>	ACTA PHYSICA SINICA	18	2.022 %	
<input type="checkbox"/>	APPLIED SURFACE SCIENCE	18	2.022 %	
<input type="checkbox"/>	ADVANCED MATERIALS RESEARCH	17	1.910 %	
<input type="checkbox"/>	APPLIED PHYSICS LETTERS	16	1.798 %	
<input type="checkbox"/>	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	15	1.685 %	
<input type="checkbox"/>	MATERIALS LETTERS	15	1.685 %	
<input type="checkbox"/>	RARE METAL MATERIALS AND ENGINEERING	15	1.685 %	
<input type="checkbox"/>	MATERIALS CHEMISTRY AND PHYSICS	13	1.461 %	

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组织扩展

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<input checked="" type="checkbox"/> 查看记录 <input checked="" type="checkbox"/> 排除记录	字段: 语种	记录 计数	%, 共 3666	柱状图	将分析数据保存到文件 <input checked="" type="radio"/> 表格中显示的数据行 <input type="radio"/> 所有数据行
<input type="checkbox"/>	ENGLISH	3567	97.300 %		
<input type="checkbox"/>	CHINESE	80	2.182 %		
<input type="checkbox"/>	JAPANESE	5	0.136 %		
<input type="checkbox"/>	UKRAINIAN	3	0.082 %		
<input type="checkbox"/>	POLISH	2	0.055 %		
<input type="checkbox"/>	PORTUGUESE	2	0.055 %		
<input type="checkbox"/>	SPANISH	2	0.055 %		

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时间跨度=所有年份. 数据库=SCI-EXPANDED, SSCI, A&HCI, CPC-I-S, CPC-I-SSH, CCR-EXPANDED, IC.

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刊登物理学科各领域中原创新性成果的前沿研究综述、研究快讯及研究论文。该刊以论文水平高、创新性强,发表速度快的特点,受到国内外物理学工作者的高度重视,被国际著名的SCI等17种核心检索系统收录。2004年在SCI数据库中,影响因子为1.250。该刊被引频次已连续5年居中国物理类期刊第一位,已达到国际期刊的中上水平。在中信所数据库中,该刊被引频次和影响因子已连续7年居中国物理类期刊第一位,曾多次被评为中国科学院优秀期刊一等奖,荣获首届、第二届、第三届国家期刊奖,2001年荣获中国期刊方阵“双高”(高知名度,高学术水平)期刊和2001, 2002, 2003, 2004, 2005年百种中国杰出学术期刊奖。 欢迎各省、市、县图书情报界、科技教育界、高科技企业界及广大物理学工作者订阅。

来源出版物: SPECTROSCOPY AND SPECTRAL ANALYSIS 卷: 32 期: 6 页: 1559-1561 DOI: 10.3964/j.issn.1000-0593(2012)06-1559-03 出版年: JUN 2012  
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作者: Eastman, JA (Eastman, JA); Choi, SUS (Choi, SUS); Li, S (Li, S); Yu, W (Yu, W); Thompson, LJ (Thompson, LJ)

来源出版物: APPLIED PHYSICS LETTERS 卷: 78 期: 6 页: 718-720 DOI: 10.1063/1.1341218 出版年: FEB 5 2001

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摘要: It is shown that a "nanofluid" consisting of copper nanometer-sized particles dispersed in ethylene glycol has a much higher effective thermal conductivity than either pure ethylene glycol or ethylene glycol containing the same volume fraction of dispersed oxide nanoparticles. The effective thermal conductivity of ethylene glycol is shown to be increased by up to 40% for a nanofluid consisting of ethylene glycol containing approximately 0.3 vol % Cu nanoparticles of mean diameter < 10 nm. The results are anomalous based on previous theoretical calculations that had predicted a strong effect of particle shape on effective nanofluid thermal conductivity, but no effect of either particle size or particle thermal conductivity. (C) 2001 American Institute of Physics.

入藏号: WOS:000166737800012

文献类型: Article

语种: English

KeyWords Plus: FLUIDS

通讯作者地址: Eastman, JA (通讯作者), Argonne Natl Lab, Div Mat Sci, 9700 S Cass Ave, Argonne, IL 60439 USA.

2012/11/14

1. Argonne Natl Lab, Div Mat Sci, Argonne, IL 60439 USA

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Fu, H. L. Effect of interfacial nanolayer on thermophoresis in nanofluids. INTERNATIONAL JOURNAL OF THERMAL SCIENCES, NOV 2012.

Yu, Wei. Experimental investigation on the heat transfer properties of Al2O3 nanofluids using the mixture of ethylene glycol and water as base fluid. POWDER TECHNOLOGY, NOV 2012.

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