

# JOURNAL CITATION REPORT(JCR)

碩睿資訊有限公司

# 大綱

1. JCR介紹
  - A. 期刊統計數值說明



# 利用JCR了解學術期刊的重要性

- 某個學科領域中，哪些期刊在學科領域中影響力最大？
- 哪些期刊是綜合性的期刊？
- 哪些期刊是被學者們經常利用和引用的？
- 哪些期刊是熱門期刊？
- 指導研究人員有選擇的瀏覽學術期刊，並且結合實際
- 有選擇的投稿。
- 可以為圖書館的選刊工作提供依據，並可以為每種期
- 刊存放多久後即可歸檔，提供一個合適的時間參考。



## 內容分為兩個版本

- JCR JC Science Edition : 提供科學專輯170多個領域 *6598* 本期刊的引文分析資訊
- JCR Social Sciences Edition : 提供社會科學專輯中所收錄的社會科學50多個學科領域 *1980* 本期刊的引文分析資訊



## JCR數值簡介

- **Impact Factor**：用該期刊前兩年發表論文在當年被引用的次數除以該期刊前兩年發表論文的總數所得到的值。可以用來**評估同一研究領域不同期刊的相對重要性**。
- **5-Year Impact Factor**：對於社會科學領域的期刊該指數，較能看出其期刊影響力(需經過較久的時間引用才會達到高峰)
- **Immediacy Index**：用某一年中發表的文章在當年被引用次數除以同年發表文章的總數得到的指數。用於**評估特定期刊在當年被引用的速度**。
- **Cited Half-life**：指期刊達到50%被引用率所需要的**時間**。該數值有助於圖書館確定期刊的館藏和存檔的策略。



Select a JCR edition and year:	Select an option:
<input checked="" type="radio"/> JCR Science Edition <input type="text" value="2009"/> ▼	<input checked="" type="radio"/> View a group of journals by <input type="text" value="Subject Category"/> ▼
<input type="radio"/> JCR Social Sciences Edition <input type="text" value="2009"/> ▼	<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*

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Subject Category Selection

[Subject Category Scope Notes](#)

<p><b>1) Select one or more categories from the list.</b></p> <p><a href="#">(How to select more than one)</a></p>	<p>ENERGY &amp; FUELS ENGINEERING, AEROSPACE ENGINEERING, BIOMEDICAL ENGINEERING, CHEMICAL ENGINEERING, CIVIL <b>ENGINEERING, ELECTRICAL &amp; ELECTRONIC</b> ENGINEERING, ENVIRONMENTAL ENGINEERING, GEOLOGICAL ENGINEERING, INDUSTRIAL</p>
<p><b>2) Select to view Journal data or aggregate Category data.</b></p>	<p><input checked="" type="radio"/>  <b>View Journal Data</b> - sort by: <input type="text" value="Journal Title"/></p> <p><input type="radio"/>  <b>View Category Data</b> - sort by: <input type="text" value="Category Title"/></p>
<p style="text-align: center;"><input type="button" value="SUBMIT"/></p>	



Journal Summary List

[Journal Title Changes](#)

Journals from: subject categories ENGINEERING, ELECTRICAL & ELECTRONIC [VIEW CATEGORY SUMMARY LIST](#)

Sorted by: Journal Title SORT AGAIN

Journals 1 - 20

MARK ALL UPDATE

- Journal Title
- Total Cites
- Impact Factor
- Immediacy Index
- Current Articles
- Cited Half-Life
- 5-Year Impact Factor
- Eigenfactor(TM) Score
- ArticleInfluence(TM) Score

Navigation: [ 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 ]

Ranking is based on your journal and sort selections.

Mark	Rank	Journal Title	ISSN	JCR Data <sup>i</sup>					Eigenfactor <sup>TM</sup> Metrics <sup>i</sup>		
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor <sup>TM</sup> Score	Article Influence <sup>TM</sup> Score
<input type="checkbox"/>	1	<a href="#">ACM J EMERG TECH COM</a>	1550-4832	72	0.758		0.059	17		0.00073	
<input type="checkbox"/>	2	<a href="#">ADV ELECTR COMPUT EN</a>	1582-7445	47	0.509		0.118	51		0.00000	
<input type="checkbox"/>	3	<a href="#">AEU-INT J ELECTRON C</a>	1434-8411	394	0.508	0.497	0.074	136	4.9	0.00109	0.121
<input type="checkbox"/>	4	<a href="#">ALCATEL TELECOMMUN R</a>	1267-7167	20	0.000	0.050		0		0.00007	0.020
<input type="checkbox"/>	5	<a href="#">ANALOG INTEGR CIRC S</a>	0925-1030	665	0.408	0.518	0.054	111	8.1	0.00204	0.192
<input type="checkbox"/>	6	<a href="#">APPL ARTIF INTELL</a>	0883-9514	621	0.580	0.965	0.111	45	8.7	0.00092	0.221

Journal Citation Reports<sup>®</sup>

WELCOME HELP RETURN TO LIST NEXT JOURNAL

2009 JCR Science Edition

Journal: IEEE SIGNAL PROCESSING MAGAZINE

Mark	Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
<input type="checkbox"/>	<a href="#">IEEE SIGNAL PROC MAG</a>	1053-5888	3176	<a href="#">4.914</a>	<a href="#">5.959</a>	<a href="#">0.500</a>	54	<a href="#">5.9</a>	<a href="#">5.8</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:** IEEE SIGNAL PROCESSING MAGAZINE  
**ISO Abbrev. Title:** IEEE Signal Process. Mag.  
**JCR Abbrev. Title:** IEEE SIGNAL PROC MAG  
**ISSN:** 1053-5888  
**Issues/Year:** 6  
**Language:** ENGLISH  
**Journal Country/Territory:** UNITED STATES  
**Publisher:** IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC  
**Publisher Address:** 445 HOES LANE, PISCATAWAY, NJ 08855-4141  
**Subject Categories:** ENGINEERING, ELECTRICAL & ELECTRONIC

**Eigenfactor<sup>TM</sup> Metrics**  
**Eigenfactor<sup>TM</sup> Score**  
 0.01375  
**Article Influence<sup>TM</sup> Score**  
 2.475

**Additional Links**  
 GO TO ULRICH'S  
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 Holdings GO

VIEW JOURNAL SUMMARY LIST VIEW CATEGORY DATA

SCOPE NOTE

Journal Rank in Categories: JOURNAL RANKING

# IMPACT FACTOR & 5-YEAR IMPACT FACTOR

## Journal Impact Factor

Cites in 2009 to items published in:	2008 = 386	Number of items published in:	2008 = 122
	2007 = 853		2007 = 132
	Sum: 1239		Sum: 254

Calculation: <u>Cites to recent items</u>	<u>1239</u>	= <b>4.878</b>
Number of recent items	254	

## 5-Year Journal Impact Factor

Cites in {2009} to items published in:	2008 = 386	Number of items published in:	2008 = 122
	2007 = 853		2007 = 132
	2006 = 680		2006 = 137
	2005 = 1132		2005 = 146
	2004 = 868		2004 = 112
	Sum: 3919		Sum: 649

Calculation: <u>Cites to recent items</u>	<u>3919</u>	= <b>6.039</b>
Number of recent items	649	

# IMMEDIACY INDEX & CITED HALF-LIFE

## Journal Immediacy Index

Cites in 2009 to items published in 2009 = 97

Number of items published in 2009 = 129

Calculation:  $\frac{\text{Cites to current items}}{\text{Number of current items}} = \frac{97}{129} = \mathbf{0.752}$

## Journal Cited Half-Life

The cited half-life for the journal is the median age of its items cited in the current JCR year. Half of the citations to the journal are to items published within the cited half-life.

**Cited Half-Life: 5.9 years**

Breakdown of the citations *to the journal* by the cumulative percent of 2009 cites to items published in the following years:

Cited Year	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999-all
# Cites from 2009	27	249	380	254	500	208	190	304	252	142	670
Cumulative %	0.85	8.69	20.65	28.65	44.40	50.94	56.93	66.50	74.43	78.90	100

### Cited Half-Life Calculations:

The cited half-life calculation finds the number of publication years from the current JCR year that account for 50% of citations received by the journal. Read help for more information on the calculation.

# 期刊排名

## Journal Citation Reports®



2009 JCR Science Edition

### Journal: IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS

Mark	Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citing Half-life
<input type="checkbox"/>	<a href="#">IEEE J SEL AREA COMM</a>	0733-8716	11664	<a href="#">3.758</a>	<a href="#">4.626</a>	<a href="#">0.296</a>	142	<a href="#">7.7</a>	<a href="#">5.4</a>

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



### Journal Information ⓘ

**Full Journal Title:** IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS

**ISO Abbrev. Title:** IEEE J. Sel. Areas Commun.

**JCR Abbrev. Title:** IEEE J SEL AREA COMM

**ISSN:** 0733-8716

**Issues/Year:** 9

**Language:** ENGLISH

**Journal Country/Territory:** UNITED STATES

**Publisher:** IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC

**Publisher Address:** 445 HOES LANE, PISCATAWAY, NJ 08855-4141

**Subject Categories:** ENGINEERING, ELECTRICAL & ELECTRONIC

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TELECOMMUNICATIONS

[SCOPE NOTE](#)

[VIEW JOURNAL SUMMARY LIST](#)

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**Eigenfactor™ Metrics**

**Eigenfactor™ Score**

0.04188

**Article Influence™**

**Score**

2.178

**Additional Links**

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

Journal Impact Factor ⓘ

Journal Citation Reports<sup>®</sup>

WELCOME



HELP

RETURN TO  
JOURNAL

2009 JCR Science Edition

## Rank in Category: IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS

## Journal Ranking

For **2009**, the journal **IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS** has an Impact Factor of **3.758**.

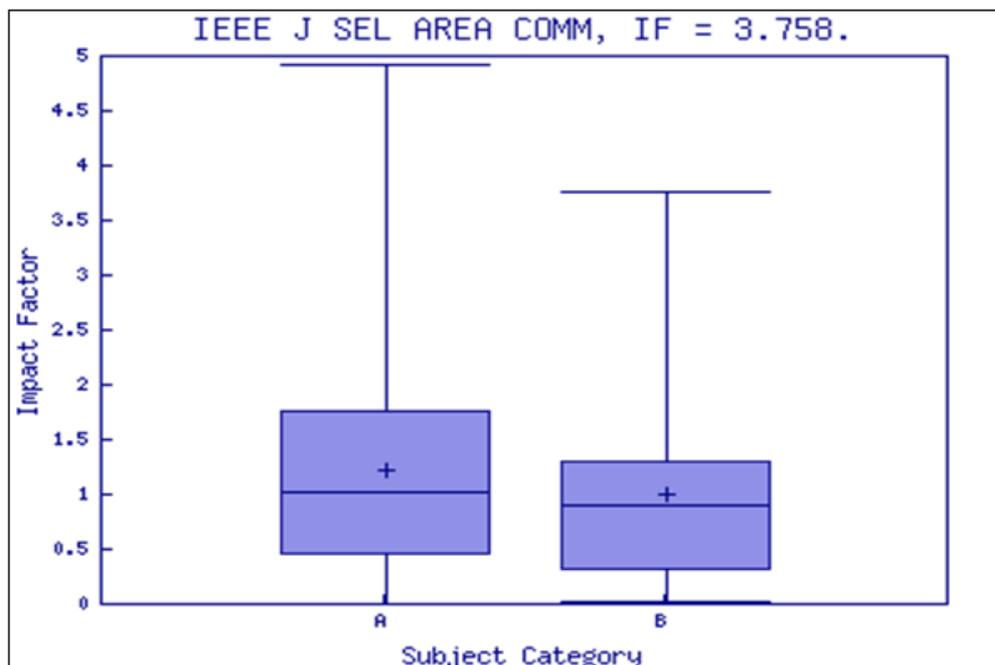
This table shows the ranking of this journal in its subject categories based on Impact Factor.

Category Name	Total Journals in Category	Journal Rank in Category	Quartile in Category
ENGINEERING, ELECTRICAL & ELECTRONIC	246	7	Q1
TELECOMMUNICATIONS	77	2	Q1

## Category Box Plot

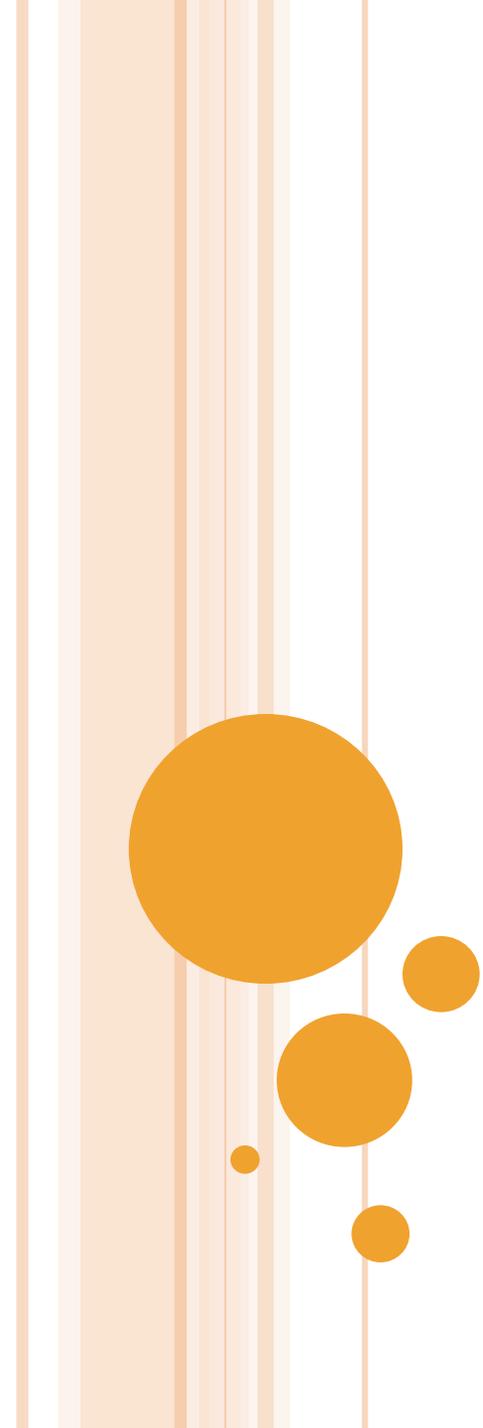
For **2009**, the journal **IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS** has an Impact Factor of **3.758**.

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.



## Key

A - ENGINEERING, ELECTRICAL & ELECTRONIC  
 B - TELECOMMUNICATIONS



# Q&A

Thank you!