

# IEEE Xplore 期刊全文（ASPP）数据库导航

## 一、数据库介绍

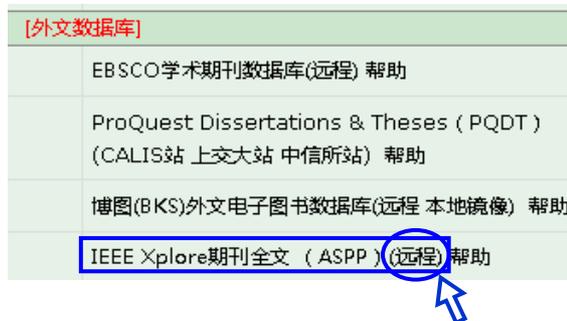
IEEE 在科学与技术研究方面的出版物频繁地被各类专利引用，引用量远高于同类出版社。IEEE 出版大约 180 多本期刊杂志，每年在全球范围内举办 1700 多场会议。每年，Thomson Reuters®的期刊引用报告 Journal Citation Reports (JCR)通过检验每本期刊的被引用频率来判断学术期刊的影响力。JCR 报告显示 IEEE 期刊 在核心技术领域保持领先。

IEEE All-Society Periodicals Package（简称 ASPP），是 IEEE 旗下最完整的在线数据资源之一，提供 IEEE 各技术协会出版的 183 种核心技术期刊的访问，包括当今世界在电气工程、通信和计算机科学领域近三分之一的文献，无限量访问超过 320,000 篇文献，文献回溯至 2010 年。学科覆盖电气电子、计算机、通信、自动化、能源电力、空间技术、生物工程等多个领域。ASPP 经过同行评审的期刊专注于理论和实验论文、以及在研究、设计和规范方面的实际应用，提供了相关主题有价值的研究。

## 二、使用说明

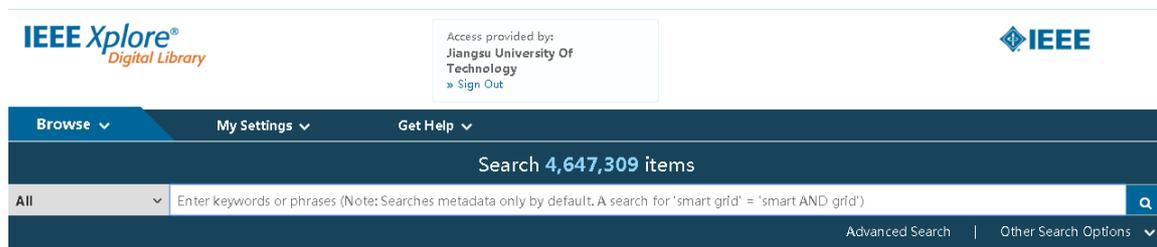
### 1. 进入数据库

进入图书馆主页（<http://lib.jsut.edu.cn>），在“馆藏资源”列表中点击进入“数据库”列表，在“外文数据库”列表中找到“IEEE Xplore 期刊全文（ASPP）”点击“远程”链接（如下图）。



## 2. 在“IEEE Xplore 期刊全文 (ASPP) 数据库”中进行检索

进入链接指向的 IEEE Xplore 搜索引擎界面后，搜索栏界面如下图。



以“sensor networks”为例进行关键词检索，多个关键词搜索时，用逗号隔开：

搜索结果自动按类型分类为：  
期刊杂志、会议文章、已完成  
同行评审等待出版的文章

在此处选择需要显示的搜索结果，  
选择“My Subscribed Content”  
即可显示所有本校可下载资源

搜索以后可以对检索的结果进行进一步的筛选，缩小搜索范围，如下图所框出部分：

**Year** ^

Single Year | Range

1945 ————— 2019

From To

1945 2019

**Author** ∨

**Affiliation** ∨

**Publication Title** ∨

**Publisher** ∨

**Supplemental Items** ∨

**Conference Location** ∨

**Index Terms** ∨

Cited by: Papers (21)  
**IEEE Journals & Magazines**  
▶ Abstract [\(html\)](#) (3167 Kb)

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**Intrusion Detection based on k-coverage in Mobile Sensor Networks with Empowered Intruders**

Haiping Huang ; Tianhe Gong ; Rong Zhang ; Lieliang Yang ; Jiancong Zhang ; Fu Xiao  
IEEE Transactions on Vehicular Technology  
Year: 2018 , ( Early Access )  
Page s: 1 - 1  
**IEEE Early Access Articles**  
▶ Abstract (1811 Kb)

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**Wireless sensor networks and LTE-A network convergence**

Garth V. Crosby ; Farzam Vafa  
38th Annual IEEE Conference on Local Computer Networks  
Year: 2013  
Page s: 731 - 734  
Cited by: Papers (6)  
**IEEE Conferences**  
▶ Abstract [\(html\)](#) (705 Kb)

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**Robust Calibration for Localization in Clustered Wireless Sensor Networks**

Jung Jin Cho ; Yu Ding ; Yong Chen ; Jiong Tang  
IEEE Transactions on Automation Science and Engineering  
Year: 2010 , Volume: 7 , Issue: 1

也可进行高级搜索:

## Advanced Search Options

Advanced Keyword/Phrases | Command Search | Citation Search | Preferences ?

**ENTER KEYWORDS OR PHRASES, SELECT FIELDS, AND SELECT OPERATORS**  
Note: Refresh page to reflect updated preferences.

Search :  Metadata Only  Full Text & Metadata ?

in

AND  in

AND  in

Add New Line | Reset All | **SEARCH**

**CONTENT FILTER**

All Results  
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在查看文献本身的同时，可以在文献的最下方的选项卡中查看文章本身相关的各项详细信息：

Authors	∨
Figures	∨
References	∨
Citations	∨
Keywords	∨
Metrics	∨

在 References 以及 Citations 选项卡中，可以利用“Citation Map”对引用的相关文献进行查询和追溯：

### Citation Map

This view provides a high-level visual representation of references and citing documents for this article. To view the full listing, select "View All References" or "View All Citations".

[View All References](#) [View All Citations](#)

Viewing: **Energy-Aware Approaches for Energy Harvesting Powered Wireless Sensor Nodes**

References in this Article	This Article	Citations to this Article
1 Characterisation of a knee-joint energy harvester powering a wireless communication sensing node		1 An HTTP-based environmental monitoring system using power harvesting
2 Energy harvesting sensor nodes: Survey and implications		2 Strain Energy Harvesting Powered Wireless Sensor System Using Adaptive and Energy-Aware Interface for Enhanced Performan...
3 Recent progress in piezoelectric conversion and energy harvesting using nonlinear electronic interfaces a...		3 Single Piezoelectric Transducer as Strain Sensor and Energy Harvester Using Time-Multiplexing Operation
4 Implementation of a single supply pre-biasing circuit for piezoelectric energy harvesters		4 Vibration and Thermal Energy Harvesting System for Automobiles with Impedance Matching and Wake-up
5 120% harvesting energy improvement by maximum power extracting control for high sustainability magnetic p...		5 Secrecy Outage Performance Analysis for Energy Harvesting Sensor Networks With a Jammer Using Relay Selection Strategy