

IEEE Explore 用户指南

IEL 数据库

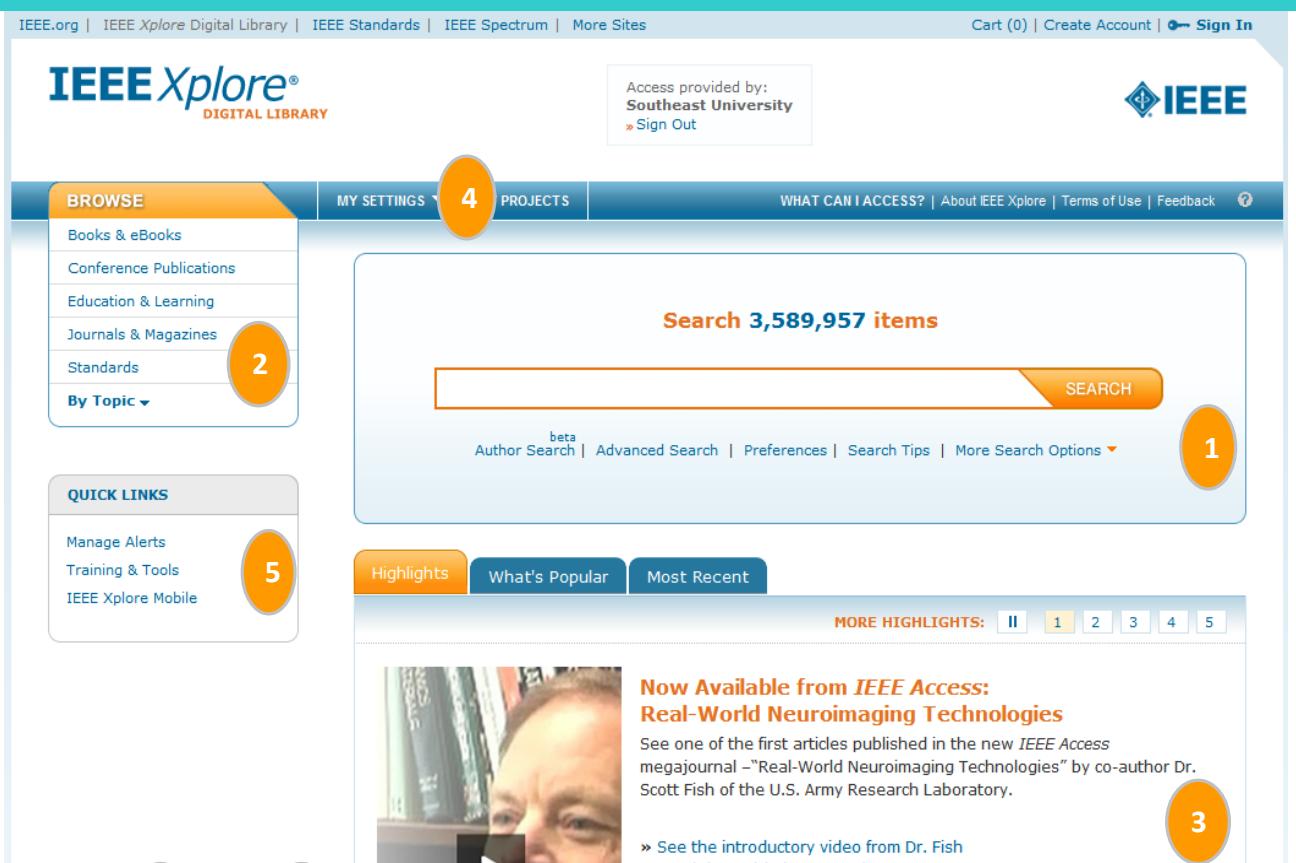
》 IEEE Explore 简介

- IEEE/IEE Electronic Library (IEL) 数据库提供美国电气电子工程师学会 (IEEE) 和英国电气工程师学会 (IEE) 出版的期刊、会议录和标准的全文信息
- 包含 160 多种期刊, 1200 多种会议论文, 3800 多种技术标准, 1000 多种电子书, 以及 300 多种教育课程
- 可获取 300 多万篇全文文献, 且每月大约新增 25000 篇文献
- IEEE 学会下属的 13 个技术学会的 18 种出版物可以浏览全文, 且数据回溯的年限也比较长, 其他出版物一般只提供 1988 年以后的全文检索
- 入口地址 <http://ieeexplore.ieee.org/>

》 IEEE Explore 的使用

● 主页

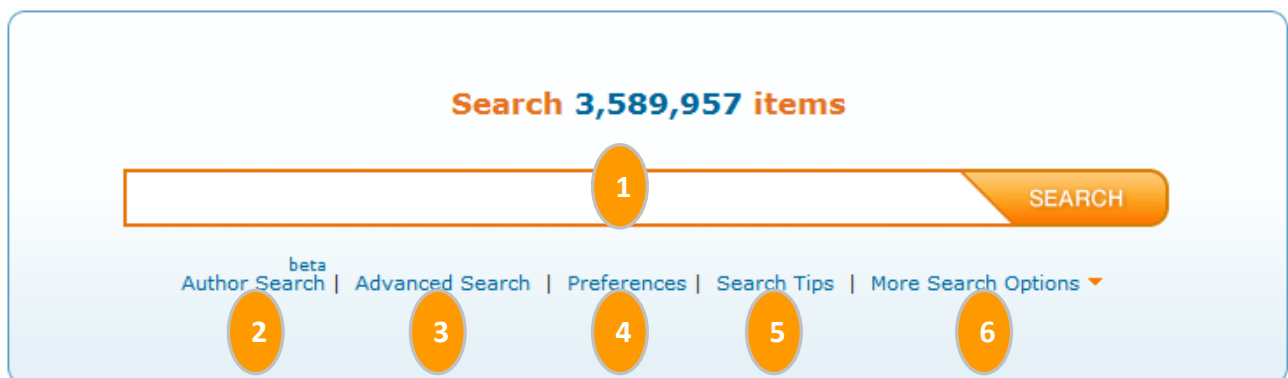
- 基本检索框, 输入关键词进行快速检索
- 浏览电子书、期刊、会议文献、标准及教育课程
- 数据库内容的重大更新、检索次数较多的关键词、下载次数较多的文献、最近更新的文献内容
- 个性化功能: 跟踪提醒、检索历史保存、订购历史、使用权限
- 快速链接: 跟踪提醒设置、培训及工具、移动版数据库



The screenshot shows the IEEE Xplore Digital Library interface. At the top, there is a navigation bar with links to IEEE.org, IEEE Xplore Digital Library, IEEE Standards, IEEE Spectrum, and More Sites. On the right, there are links for Cart (0), Create Account, and Sign In. The main header includes the IEEE Xplore logo and a message: "Access provided by: Southeast University Sign Out". Below the header is a navigation menu with "BROWSE" (highlighted), "MY SETTINGS", and "PROJECTS". The "BROWSE" menu lists categories like Books & eBooks, Conference Publications, Education & Learning, Journals & Magazines, and Standards. A "QUICK LINKS" section includes Manage Alerts, Training & Tools, and IEEE Xplore Mobile. The main content area features a search bar with a "SEARCH" button, a "Search 3,589,957 items" message, and a "beta Author Search" link. Below the search bar are tabs for "Highlights", "What's Popular", and "Most Recent". A featured article titled "Now Available from IEEE Access: Real-World Neuroimaging Technologies" is displayed, along with a "MORE HIGHLIGHTS" section with numbered links 1-5.

- 1 检索框
- 2 浏览
- 3 重要内容更新、最近收录文献、高频检索词及高下载率文献
- 4 个性化功能
- 5 快速链接

● 基本检索



This close-up screenshot focuses on the search bar area. It shows the "Search 3,589,957 items" text above a search input field with a "SEARCH" button. Below the input field, there are several search options: "Author Search", "Advanced Search", "Preferences", "Search Tips", and "More Search Options". Each option is marked with a numbered callout (1-6).

- 1 快速检索框
- 2 作者检索
- 3 高级检索
- 4 设置
- 5 检索贴士
- 6 其它检索选项

● 检索结果

IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites | Cart (0) | Create Account | Sign In

IEEE Xplore[®] DIGITAL LIBRARY

Access provided by: Southeast University Sign Out

IEEE

BROWSE MY SETTINGS MY PROJECTS WHAT CAN I ACCESS? | About IEEE Xplore | Terms of Use | Feedback

SEARCH

Author Search | Advanced Search | Preferences | Search Tips | More Search Options

FILTER THESE RESULTS

Search within results: Search

All Results
My Subscribed Content
Open Access

CONTENT TYPE

- Conference Publications (68,318)
- Journals & Magazines (10,153)
- Books & eBooks (333)
- Early Access Articles (219)
- Standards (16)
- Education & Learning (4)

SEARCH RESULTS

You searched for: vision 79,044 Results returned

Results per page: 25 Sort by: Relevance

1 2 3 4 5 6 Last

Set Search Alert Download Citations Save to Project Email Selected Results Print Export Results

SEARCH HISTORY

Search History is available using your personal IEEE account.

授权图标

- 1 设置检索提醒
- 2 下载引文
- 3 保存到项目
- 4 邮件发送选择的检索结果
- 5 打印
- 6 以 CSV 格式导出检索结果
- 7 检索结果的显示限定条件

● 高级检索

- 选择合适的检索字段、关键词及逻辑算符进行检索

Advanced Search Options

Advanced Keyword/Phrases | Command Search | Publication Quick 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 **1**

AND in **1**

AND in **1**

Content Filter

All Results
 My Subscribed Content
 Open Access **2**

Publisher

Return Results from

<input type="checkbox"/> IEEE(3,045,052)	<input type="checkbox"/> IBM(6,162)
<input type="checkbox"/> AIP(274,456)	<input type="checkbox"/> VDE(4,895)
<input type="checkbox"/> IET(207,652)	<input type="checkbox"/> BIAI(2,509)
<input type="checkbox"/> AVS(36,256)	<input type="checkbox"/> TUP(2,208)
<input type="checkbox"/> MITP(10,477)	

1 选择字段 **2** 检索限定条件

● 命令行检索

- 按数据库提供的检索指令自行编写检索式进行检索

Advanced Search Options

SEARCH EXPRESSION EXAMPLES

"Abstract":ofdm AND "Publication Title":communications

"Author": "Suzuki, T"

(java or XML) AND "software engineering"

1 输入检索式

● 浏览 IEEE Explore

- 可以按题名字顺或主题来浏览电子书、会议文献、期刊杂志、教育课程以及标准

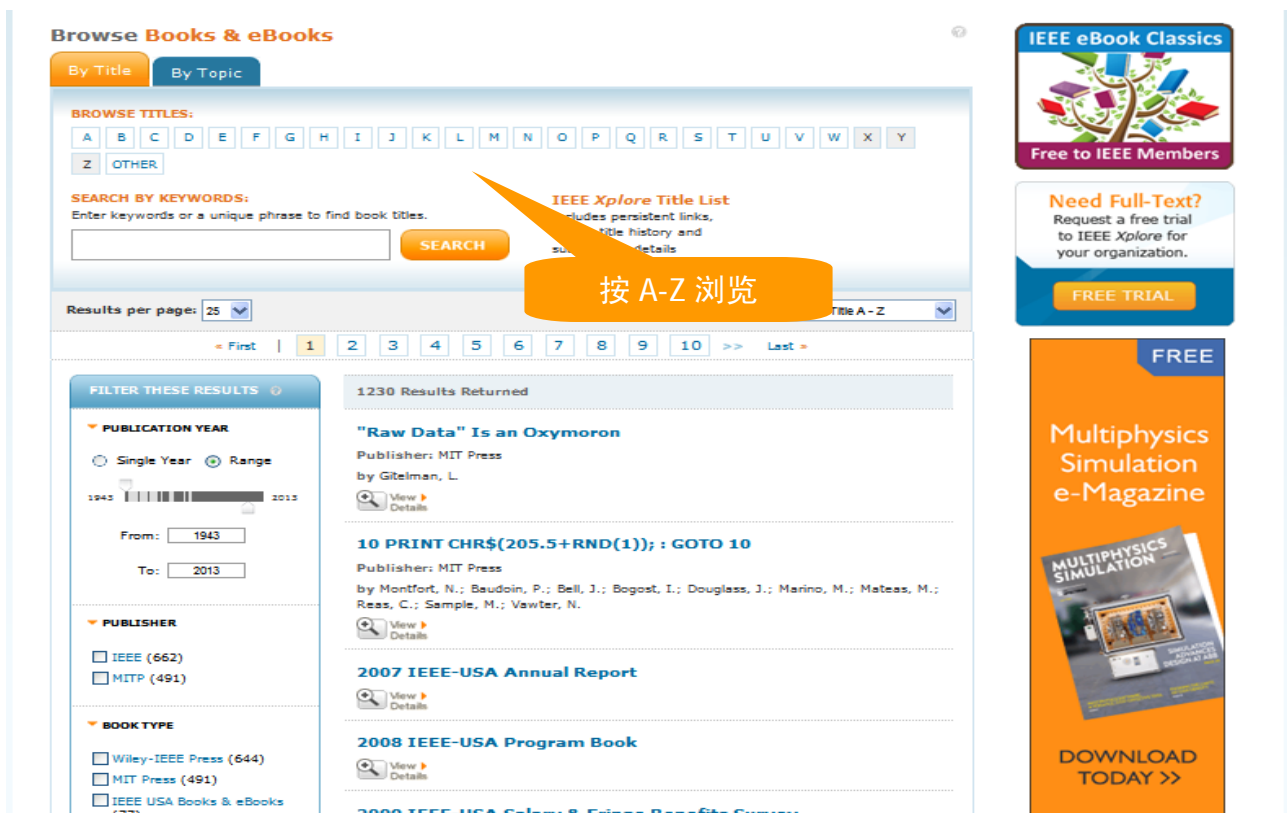


The screenshot shows the top navigation bar of the IEEE Explore website. The 'BROWSE' menu is expanded, showing various categories. An orange callout box points to the 'By Topic' section, which lists numerous engineering and technology topics.

按学科主题浏览

- Books & eBooks
- Conference Publications
- Education & Learning
- Journals & Magazines
- Standards
- By Topic**
 - Aerospace
 - Bioengineering
 - Communication, Networking & Broadcasting
 - Components, Circuits, Devices & Systems
 - Computing & Processing (Hardware/Software)
 - Engineered Materials, Dielectrics & Plasmas
 - Engineering Profession
 - Electronics & Electromagnetics
 - General Topics for Engineers (Math, Science & Engineering)
 - Geoscience
 - Nuclear Engineering
 - Photonics & Electro-Optics
 - Power, Energy, & Industry Applications
 - Robotics & Control Systems
 - Signal Processing & Analysis
 - Transportation

Search 3,589,957



The screenshot shows the 'Browse Books & eBooks' page. It features a navigation bar with 'By Title' and 'By Topic' tabs. The 'By Title' tab is active, showing an alphabetical index (A-Z) and a search box. An orange callout box points to the 'A-Z' link, indicating the browsing method.

按 A-Z 浏览

Results per page: 25 | Title A-Z

1230 Results Returned

"Raw Data" Is an Oxymoron
Publisher: MIT Press
by Gitelman, L.
View Details

10 PRINT CHR\$(205.5+RND(1)); : GOTO 10
Publisher: MIT Press
by Montfort, N.; Baudoin, P.; Bell, J.; Bogost, I.; Douglass, J.; Marino, M.; Mateas, M.; Reas, C.; Sample, M.; Vawter, N.
View Details

2007 IEEE-USA Annual Report
View Details

2008 IEEE-USA Program Book
View Details

2009 IEEE-USA Salary & Fringe Benefits Survey

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MULTIPHYSICS SIMULATION
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● 个性化使用 IEEE Explore



- 要使用个性化功能，首先注册一个账号，点击页面右上方的 Create Account 进行注册。
- 我的设置：邮件通知、订购历史、保存检索式、偏好设置、检索历史



- 邮件通知：选择自己感兴趣的期刊杂志、会议信息及标准，当定制的内容有更新时，系统会及时通过 E-mail 通知您。

- 保存检索历史并通过邮件提醒：点击  ，输入检索名称并勾选“SET ALERT”，当有新的内容与该检索式匹配时，系统会发送邮件通知您。

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SEARCH

Author Search | ^{beta} Advanced Search | Preferences | Search Tips | More Search Options ▾

Table of Contents Alerts

Manage your research quickly and efficiently with convenient Table of Contents Alerts. You will receive an email when a new journal or magazine issue in your area of interest has been posted online

Alerts will be sent to "guyang@seu.edu.cn" in "Plain Text" format. These settings can be updated within the Preferences feature.

Access Saved Searches & Alerts >>

Journals & Magazines Conferences Standards By Version

Table of Contents Alerts Set: 0
 Select/Deselect All Reset Update

- [Access, IEEE](#)
[Most Recent Issue](#) Issues Per Year : 1
- [Aerospace and Electronic Systems Magazine, IEEE](#)
[Most Recent Issue](#) Issues Per Year : 12
- [Aerospace and Electronic Systems, IEEE Transactions on](#)
[Most Recent Issue](#) Issues Per Year : 4
- [Affective Computing, IEEE Transactions on](#)
[Most Recent Issue](#) Issues Per Year : 4

BROWSE ▾ MY SETTINGS ▾ MY PROJECTS WHAT CAN I ACCESS? | About IEEE Xplore | Terms

Author Search | ^{beta} Advanced Search | Preferences | Search Tips | More Search Options ▾

1 FILTER THESE RESULTS ⓘ

Search within results: Search

All Results
 My Subscribed Content
 Open Access

▼ CONTENT TYPE

- Conference Publications (80)
- Journals & Magazines (30)
- Standards (3)
- Early Access Articles (1)

▼ PUBLICATION YEAR

1 SEARCH RESULTS

You searched for: qam and fec

Results per page: Select All on Page

Set Search Alert

1 **A 70-Mb/s variable-rate 1024-QAM cable receiver IC with integrated 10-b ADC and FEC decoder**

Loke Kun Tan ; Putnam, J.S. ; Lu, F. ; D'Luna, L.J. ; Mueller, D.W. ; Kindsfater, K.R. ; Cameron, K.B. ; Joshi, R.B. ; Hawley, R.A. ; Samueli, H.
Solid-State Circuits, IEEE Journal of
Volume: 33 , Issue: 12
Digital Object Identifier: 10.1109/4.735705

using your account.

SAVED SEARCH

Address shown is from information saved in your preferences.

Saved Search Name *:

Query: You searched for: qam and fec


Email Address: guyang@seu.edu.cn

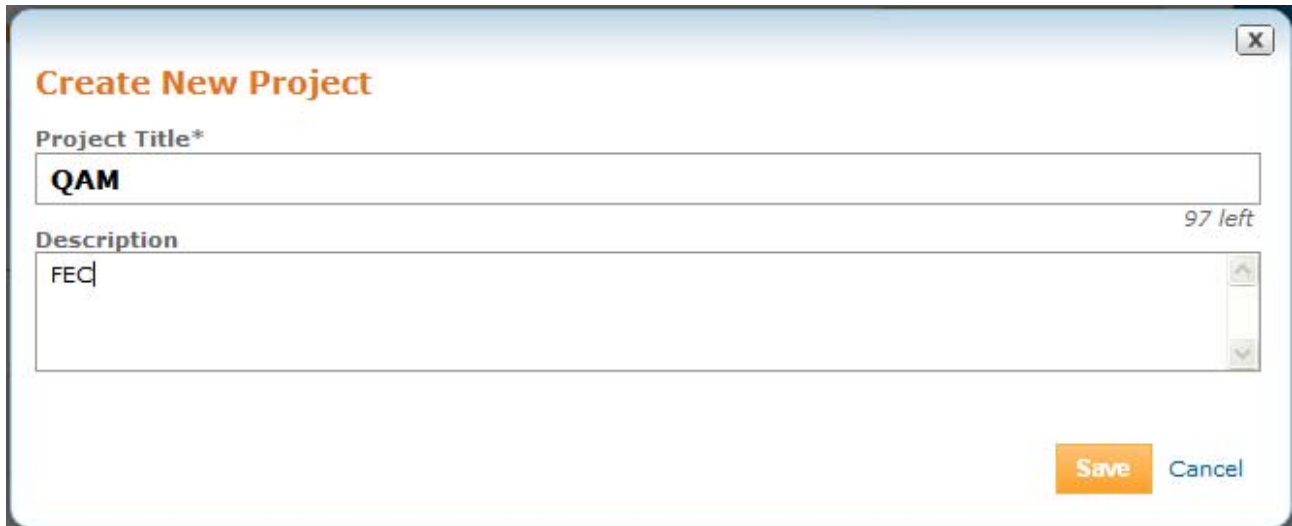
SET ALERT

You will receive email alerts whenever new content that matches your saved search is added to IEEE Xplore. If you don't wish to receive such email alerts, please uncheck this box.

Save Cancel

1 设置检索邮件通知

- 我的项目：创建一个新的项目并保存，在检索结果页面，勾选感兴趣的文献，点击  Save to Project ，保存到已建项目中。

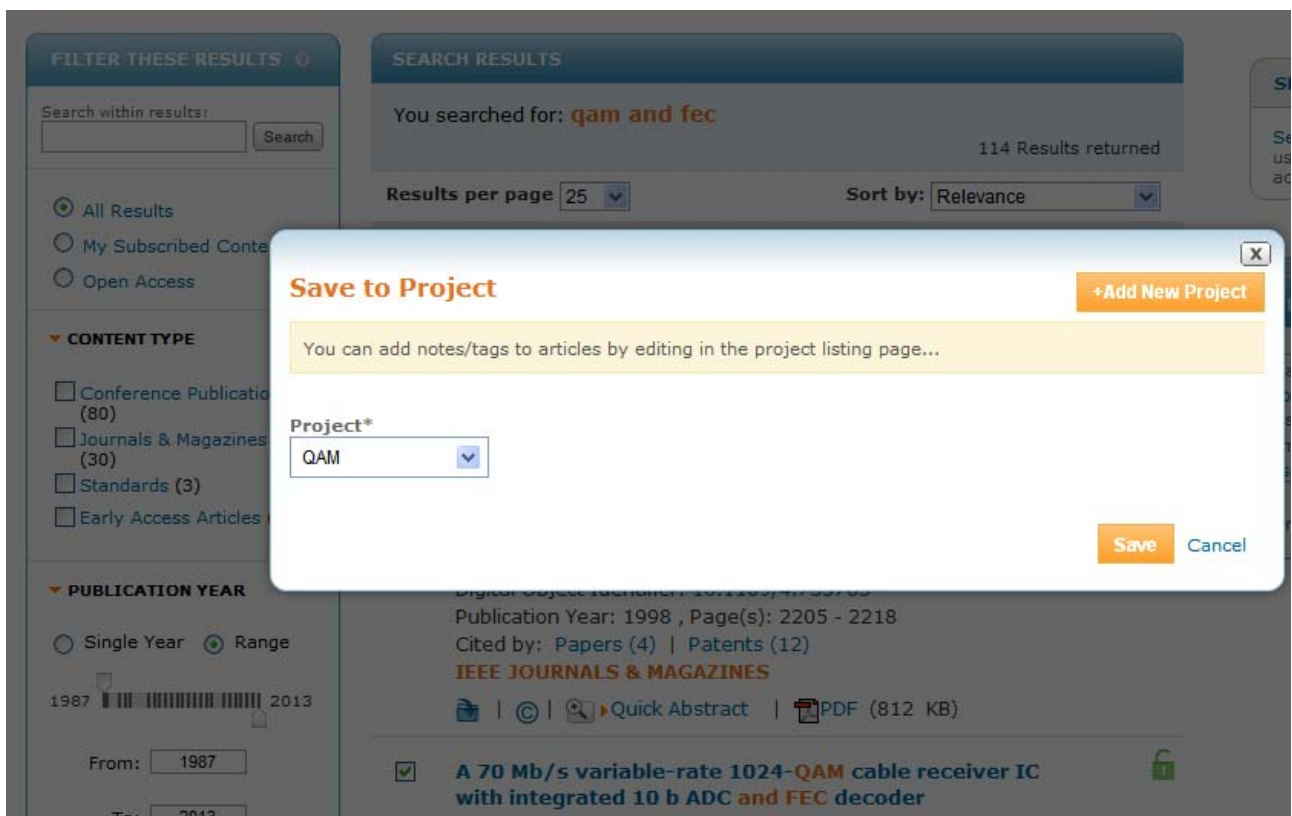


Create New Project

Project Title*
QAM 97 left

Description
FEC

Save Cancel



SEARCH RESULTS

You searched for: **qam and fec** 114 Results returned

Results per page 25 Sort by: Relevance

Save to Project +Add New Project

You can add notes/tags to articles by editing in the project listing page...

Project*
QAM

Save Cancel

Publication Year: 1998 , Page(s): 2205 - 2218
Cited by: Papers (4) | Patents (12)
IEEE JOURNALS & MAGAZINES
Quick Abstract | PDF (812 KB)

A 70 Mb/s variable-rate 1024-QAM cable receiver IC with integrated 10 b ADC and FEC decoder