

# IEEE Newsletter

— 2022 年 7 月特刊：IEEE Xplore 平台功能更新速递

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IEEE（电气电子工程师学会）是目前全球最大的非营利性专业技术学会，在全球 160 多个国家拥有超过 42 万名会员。IEEE 在电气电子、计算机、半导体、通讯、电力能源、生物医学工程、航天系统工程、消费电子等领域具有技术权威性。IEEE 出版技术期刊 190 多种，每年在全球举办技术会议 1,800 多场，制定国际和行业现行技术标准 1,000 多条。

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## IEEE Xplore 平台功能更新速递

### 1. 优化作者主页，增加被引数据与 IEEE 获奖视频，使文章发表情况可视化。

The screenshot displays the IEEE Xplore author profile for Frede Blaabjerg. The profile includes a header with navigation links (IEEE.org, IEEE Xplore, IEEE-SA, IEEE Spectrum), a search bar, and user options (Subscribe, Cart, Create Account, Personal Sign In). The author's name and a 'Follow This Author' button are visible. A video player is prominently featured, showing a presentation of the 2020 IEEE Edison Medal to Frede Blaabjerg, sponsored by Samsung. To the right of the video, citation statistics are shown: 667 publications and 68,875 citations, with a 'Citations by Year' bar chart for 2022. Below the video, a list of co-authors is provided, including Mehdi Abapour, Mostafa Abarzadeh, Derek Abbott, Almoataz Y. Abdelaziz, and Benrabah Abdeljabar, with a 'Show All Co-Authors (1560)' link. The biography section describes his career at ABB-Scandia, Aalborg University, and his current research interests in power electronics and wind turbines.

2. 文章的摘要部分若有图片或视频，则检索结果页面、文章所在出版物的当期/往期目录页面会显示文章摘要部分的图片或视频缩略图。

Showing 1-25 of 19,381 for **machine learning** ✕

▼ Filters Applied: Journals ✕

Conferences (95,374)     Early Access Articles (2,357)     Magazines (1,611)     Books (848)

Courses (47)     Standards (22)

Publications you may be interested in: (Beta)

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**Show**

All Results  
 Open Access Only

**Year**

Single Year    Range

1916    2021

From    To

1916    2021

Select All on Page

**Sort By: Relevance** ▼

**SemiBoost: Boosting for Semi-Supervised Learning**  
Pavan Kumar Mallapragada; Rong Jin; Anil K. Jain; Yi Liu  
IEEE Transactions on Pattern Analysis and Machine Intelligence  
Year: 2009 | Volume: 31, Issue: 11 | Journal Article | Publisher: IEEE  
Cited by: Papers (192)  
▶ Abstract    [html](#)    (4237 Kb)   

**Nonconvex Online Support Vector Machines**  
Seyda Ertekin; Leon Bottou; C. Lee Giles  
IEEE Transactions on Pattern Analysis and Machine Intelligence  
Year: 2011 | Volume: 33, Issue: 2 | Journal Article | Publisher: IEEE  
Cited by: Papers (65) | Patents (1)  
▶ Abstract    [html](#)    (2536 Kb)   



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▼ Filters Applied: Journals ✕

Conferences (112,775)  
 Standards (35)

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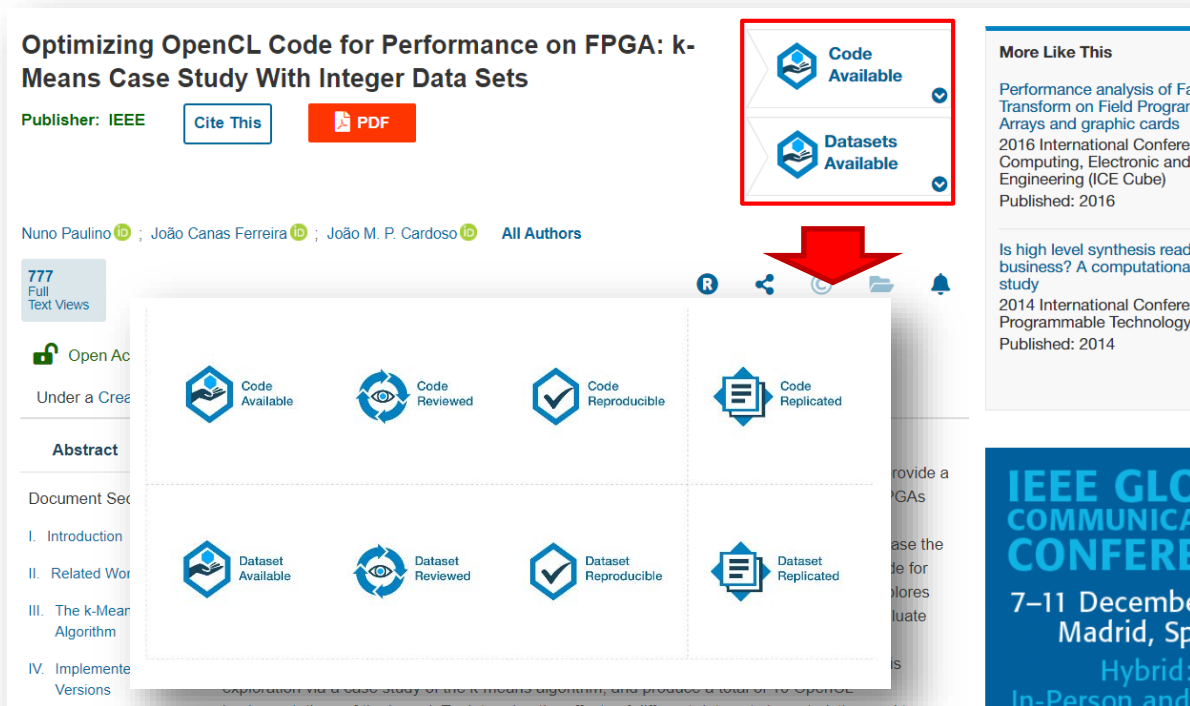
From    To

1916    2021

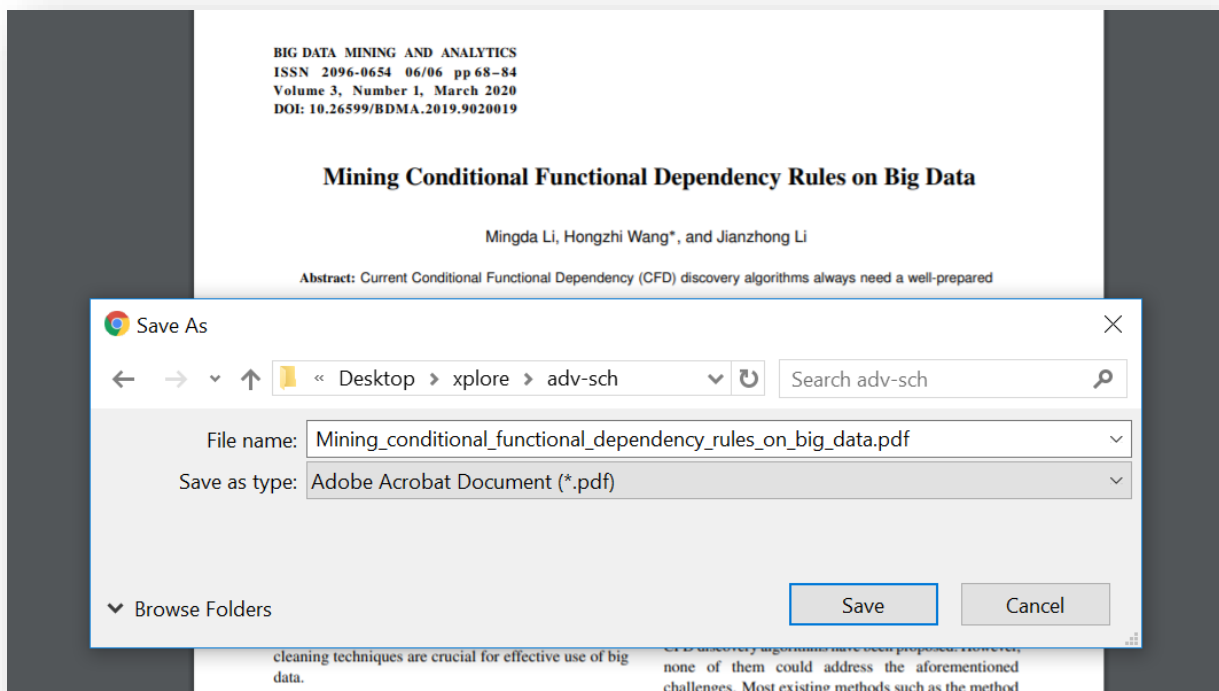
**Nonconvex Online Support Vector Machines** ✕

Go to article >

3. 优化研究可复制性标签。对研究数据和代码的可用性、是否经过同行评审、以及可复制性进行标注。



4. 下载 PDF 文档时，以文章标题替代文档编号成为默认文件名。



## 5. 为个人账号，增加 My Research Projects，方便对个人感兴趣的文章进行标注与管理。

The screenshot shows an IEEE Xplore article page for "Iterative Learning of Human Behavior for Adaptive Gait Pattern Adjustment of a Powered Exoskeleton". The article is published by IEEE and has 292 full-text views. A red box highlights the "My Research Projects" icon in the top right corner. A dialog box is open, showing the "My Research Projects" tab. The dialog box contains a message: "You have selected 1 item for export to My Research Projects." Below this, there is a dropdown menu for "Add to Project", a text area for "Document Notes" (with a character count of 0 / 1,000), and a text area for "Add Document Tags" (with a character count of 0 / 50). There are "Enter" and "Save" buttons, and a "Create a New Project" link.

可以在 My Settings 下的 My Research Projects 对文件夹进行管理。最多可设立 15 个文件夹，每个文件夹可保存最多 1000 篇文章。

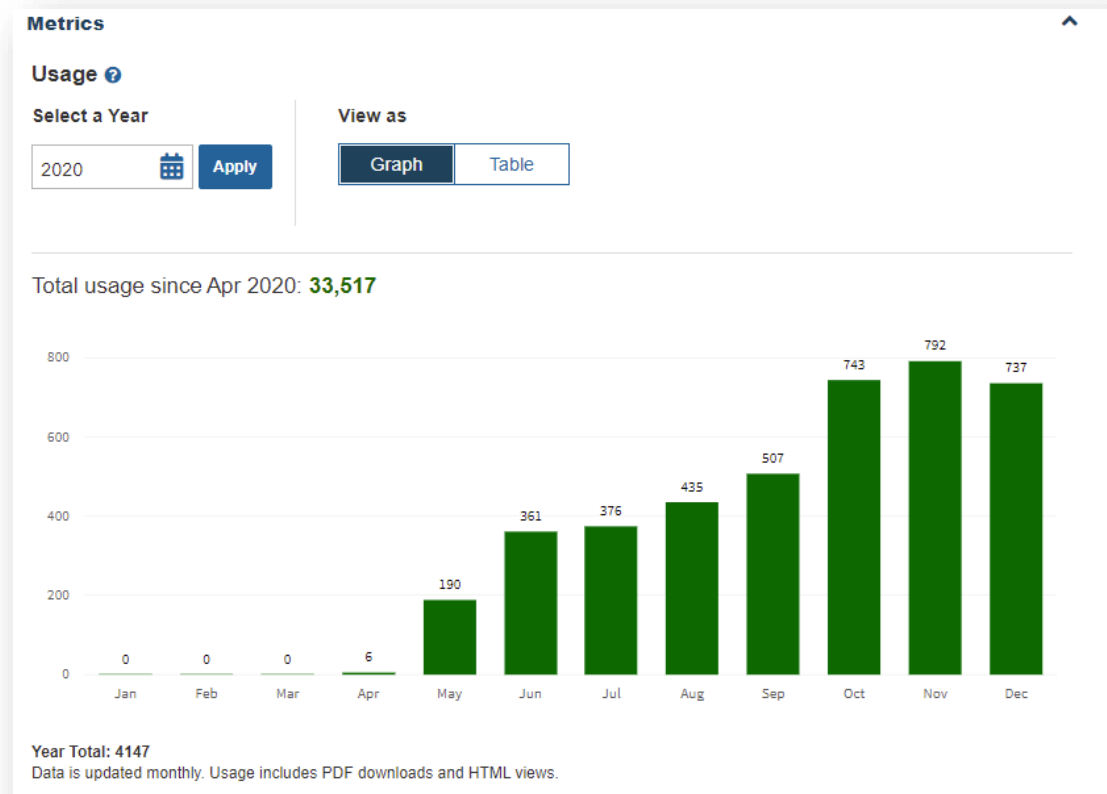
The screenshot shows the IEEE Xplore website's navigation bar. The "My Settings" dropdown menu is open, and "My Research Projects" is highlighted with a red box. Other options in the menu include Alerts, My Favorites, MyXploreApp, Preferences, Purchase History, Search History, and What can I access?. The background shows the "My Research Projects" page with a "Create a New Project" button and a "COVID-19" section with 26 documents.

## 6. 支持对参考文献和施引文献进行多篇下载。

The screenshot shows the IEEE Citations interface with a 'Download PDFs' modal dialog open. The modal contains the following information:

- Download PDFs** (with a help icon)
- A maximum of 10 PDFs can be downloaded at a time.
- Document Titles**
- Two selected items for download:
  - Masaharu Goto, Naoki Kobayashi, Gang Ren, Mitsunori Ogiwara, "Multi-scale Sequential Pattern Discovery and Alignment for Long-Duration Waveform Similarity Quantification and Interpretation"
  - Abdullah B. Khudhair, Rana F. Ghani, "IoT Based Smart Video Surveillance System Using Convolutional Neural Network"
- Buttons: **Cancel** and **Download**

## 7. 增强文章阅读量的可视化。





### 8. 为年刊期刊，增加按月份筛选文章的选项。

The screenshot shows the IEEE Transactions on Signal and Information Processing over Networks website. The page features a navigation bar with options like 'Home', 'Popular', 'Early Access', 'Current Volume', 'All Issues', and 'About Journal'. A search bar is present with the text 'Search within results'. Below the search bar, there are two article listings. The first article is 'Learning Graphs From Linear Measurements: Fundamental Trade-Offs and Applications' by Tongxin Li, Lucien Werner, and Steven H. Low, published in February 2020. The second article is 'Distributed Learning Algorithms for Optimal Data Routing in IoT Networks' by Michele Rossi, Marco Centenaro, Aly Ba, Salma Eleuch, Tomaso Erseghe, and Michele Zorzi, published in 2020. A 'Refine' sidebar on the left contains a filter for 'February 2020', which is highlighted with a red box. The sidebar also includes sections for 'Author', 'Affiliation', and 'Supplemental Items'. On the right side of the page, there are two promotional banners: one for 'Need Full-Text access to IEEE Xplore for your organization?' and another for 'IEEE Authors: Increase Your Research Impact'.



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