Bibliographical Research



With Zotero : https://www.zotero.org/

And

A shared OneDrive folder to put the documents https://unice-my.sharepoint.com/:f:/g/personal/jean-yves-tigli-unice-fr/Ev86Jglqd7Rlp3EiW83nNMUB2ZbihG6pgdDD5Y7aGvRl6A?e=XFdLBK

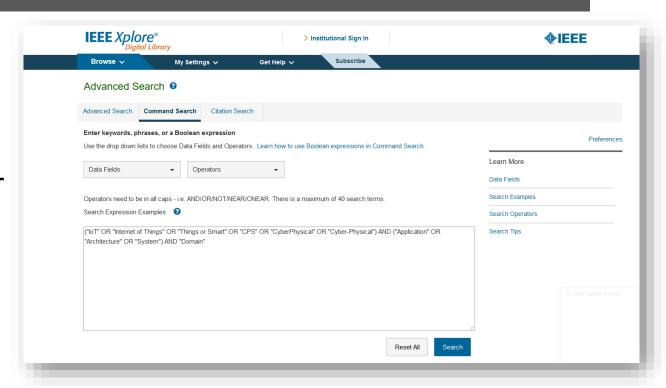


- Digitals Libraries :
- <u>IEEE Xplore</u>
- ACM Digital Library
- Search Engines : Web of Science
- Scopus
- CiteSeerx
- Google Scholar
- Publishers :
- Springer
- Open archive:
- Hyper Articles en Ligne (HAL)
- Social Network :
- ResearchGate
- Exercice : Go and Test them after reading above Web page

Keywords, Queries and Scientific Database

Example on IEEE Xplore:

- [IoT, CPS, Smart], Application, Architecture, System, Domain
- (IoT or Internet of Things or Things or Smart or CPS or CyberPhysical or Cyber-Physical) and (Application or Architecture or System) and Domain



• IEEEXplore query :

("IoT" OR "Internet of Things" OR "Things or Smart" OR "CPS" OR "CyberPhysical" OR "Cyber-Physical") AND ("Application" OR "Architecture" OR "System") AND "Domain"

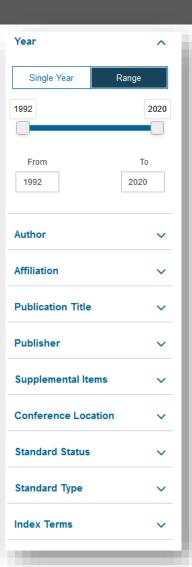
... results ... and filters...

Results:

2245 papers!

Now we can use automatic filters ...





□ Conferences (1,853)

□ Books (9)

Search within results Q			Per Page: 25
Showing 1-25 of 2,245 for (("IoT" OR "Internet of Thing "System") AND "Domain") *		DR "CyberPhysical" OR "Cyber-Phys	sical") AND ("Application" OR "Architecture" OR
☐ Conferences (1,853)	☐ Journals (308)	☐ Magazines (40)	☐ Early Access Articles (28)
☐ Books (9)	☐ Courses (5)	☐ Standards (2)	
Show	☐ Select All on Page		Sort By: Relevance ▼
All Results Open Access	□ IoT routing architecture with autonomous systems of things Soochang Park; Noel Crespi; Hosung Park; Sang-Ha Kim 2014 IEEE World Forum on Internet of Things (WF-IoT) Year: 2014 Conference Paper Publisher: IEEE		
Year	Cited by: Papers (8) ▶ Abstract ((html))		
Single Year Range	□ Energy-efficient Internet of Things monitoring with low-capacity devices Rodrigo J. Carbajales; Marco Zennaro; Ermanno Pietrosemoli; Felix Freitag 2015 IEEE 2nd World Forum on Internet of Things (WF-IoT) Year: 2015 Conference Paper Publisher: IEEE Cited by: Papers (5)		
From To 1992 2020	► Abstract ((html))	2 Kb) ©	

Showing 1-25 of 2,245 for (("IoT" OR "Internet of Things" OR "Things or Smart" OR "CPS" OR "CyberPhysical" OR "Cyber-Physical") AND ("Application" OR "Architecture" OR "System") AND "Domain") *

☐ Magazines (40)

☐ Standards (2)

☐ Early Access Articles (28)

☐ Journals (308)

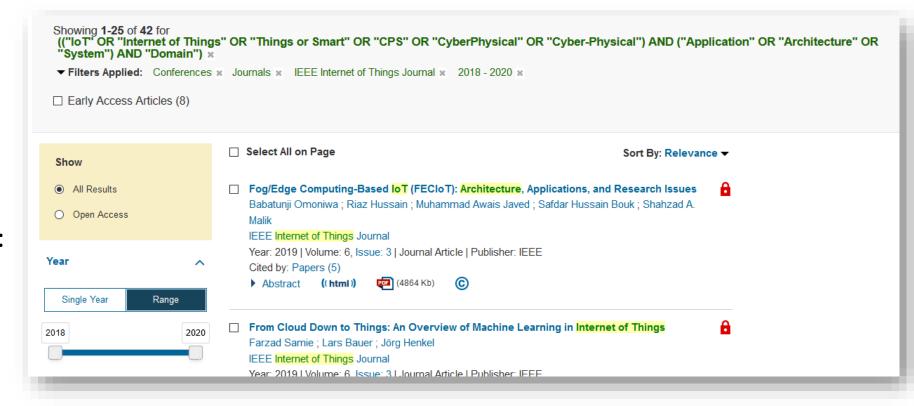
☐ Courses (5)

... and results

Results: 42 papers!

Filters:

- Years : 2018-2020
- Kind of publication: Conferences, Journals
- Selected Journal: IEEE Internet of Things Journal



Bibliographic Management Tool:



Zotero

- Fill in the form with 2 name and email address per group
- 2. Install Zotero on your computer
- 3. On Zotero Application
 - Test it creating and removing some entries in it



... Get references and files from Editor Databases

Zotero connector

Automatically:

- Drag and Drop the pdf file
- Drag and Drop the web page of the paper

Directly from Web browsers with plugins:

Ex. Zotero Connector for Chrome: https://www.zotero.org/download/connectors

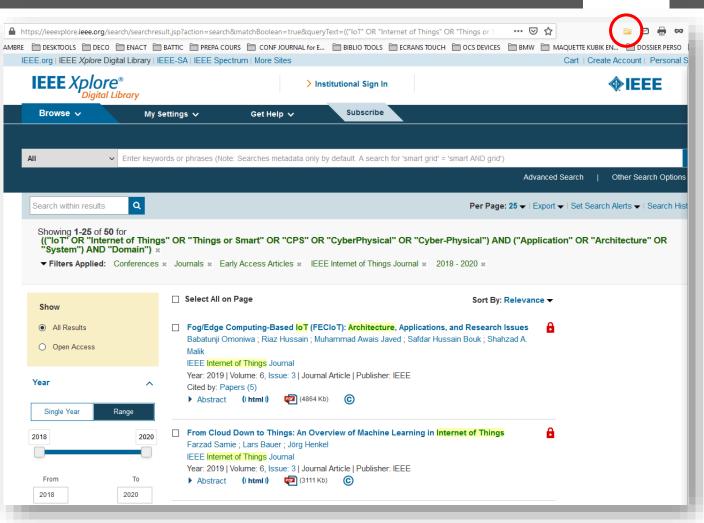
With other plugins and addins:

https://www.zotero.org/support/plugins

With other web sites ...

Manually:

Search for pdf with google:« <Title> filetype:pdf »



To improve next queries

• • •



Add your own keywords, their synonyms, in a "keywords" table Ex. : Framework

Ex.: Smartcity, Smartvehicule ...



Remark: in IEEEXplore you can use wildcard character char like *

Ex. Smart*

Zotero connector for easily collecting references

Extension: (Zotero Connector) - Zotero Item Selector - Mozilla Firefox

Fog/Edge Computing-Based IoT (FECIoT): Architecture, Applications, and Research Issues

An Ensemble Intrusion Detection Technique Based on Proposed Statistical Flow Features for Protect

☐ Blockchain-Enabled Wireless Internet of Things: Performance Analysis and Optimal Communication
☐ Toward Improved Offloading Efficiency of Data Transmission in the IoT-Cloud by Leveraging Secure

Hybrid Cross Deep Network for Domain Adaptation and Energy Saving in Visual Internet of Things

A Novel Multichannel Internet of Things Based on Dynamic Spectrum Sharing in 5G Communication

OQAM-OFDM for Wireless Communications in Future Internet of Things: A Survey on Key Technologi

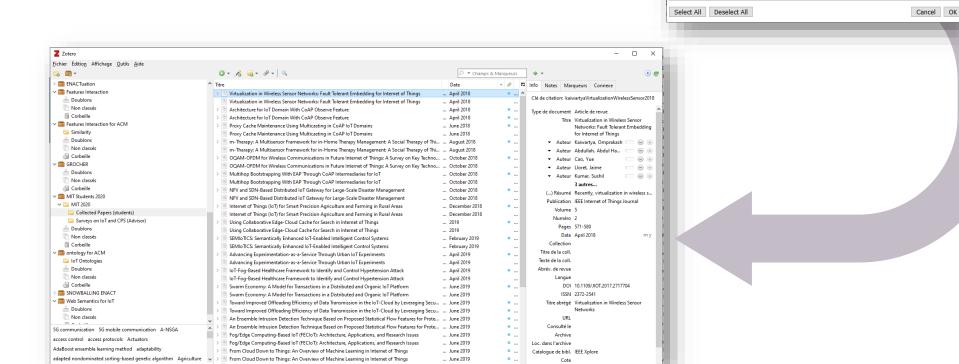
From Cloud Down to Things: An Overview of Machine Learning in Internet of Things

Select which items you'd like to add to your library

Architecture for IoT Domain With CoAP Observe Feature

Multihop Bootstrapping With EAP Through CoAP Intermediaries for IoT

Zotero Connector for Chrome: https://www.zotero.org/download/conn ectors

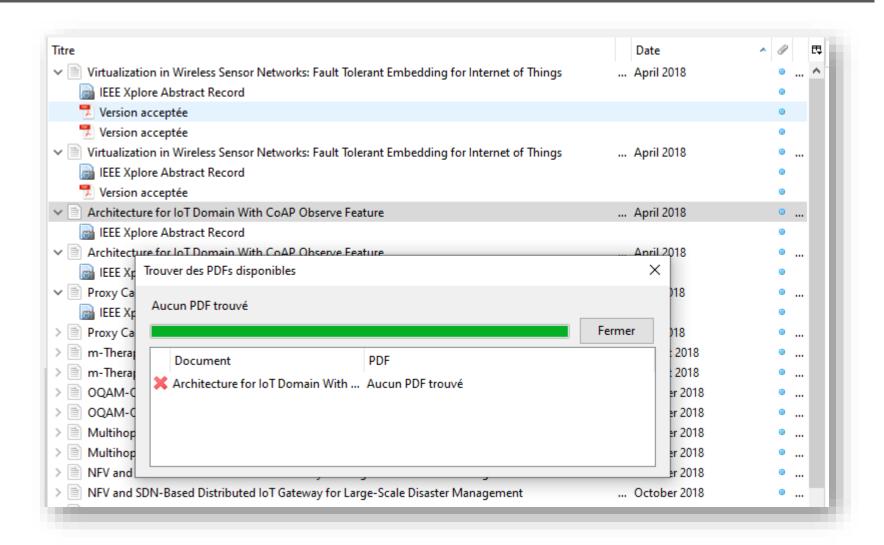




Zotero also search for pdf file on other public reposiroty ...

Sometime it finds some papers that are not free of charge .. !

That's another story!



Exercice: After Installing, test Zotero

- 1. Create a new collection « FSSE4IoT » in your zotero database
- 2. Drag and drop a pdf from an open access editor OR Click on zotero extension to import a reference from a Editor portal.
- 3. Test automatic index
- 4. Generate a corresponding bibliography entry
- 5. Share your collection on the web thanks to your account and zotero web site

Evaluation Agenda

- Before Next Course 21/09/21
 - Make your group with two student
 - Choose your Paper Topic as a Title
 - Send an email to : Jean-Yves.Tigli@univ-cotedazur.fr
 - Subject : [FSSE4IoT Paper] ["name student 1"] ["name student 2"]
 - In the email body: "title of the paper".
 - If you want more details about the topic you want to address, and your background
- Before Session 5, to discuss during the session ...
 - Provide a complete bibliography on your topics (in a BIBLIOGRAPHY SYNTHESIS FILE)
 - Explain what you want to discuss in your paper
 - Propose a plan of your future paper
 - Example:
 - Summary
 - Introduction
 - Various section on what you studied ...
 - Synthesis about your topics
 - Conclusion (perspectives and main trends)
- Before the last Course
 - Provide a 2 or 3 pages paper about your topic using the TEMPLATE_PAPER format



Format of the paper ...

- La Forme compte aussi ...
- Prenez le "Template ACM Access Journal" sous word
- https://ieeeaccess.ieee.org/wpcontent/uploads/2020/04/Access-Template.doc
- N'oubliez pas de remplacer le logo par celui de l'Université Côte d'Azur
- Enlever les paragraphes qui font reference à IEEEAccess
- Attention d'exporter les références depuis Zotero dans le format attendu par le "Template ACM Access Journal"
- Reste plus qu'à écrire le contenu ;-)



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ABSTRACT These instructions give you guidelines for preparing papers for IEEE Access. Use this document as a template if you are using Microsoft Word 6.0 or later. Otherwise, use this document as an instruction set. The electronic file of your paper will be formatted further at IEEE. Paper titles should be written in uppercase and lowercase letters, not all uppercase. Avoid writing long formulas with subscripts in the title; short formulas that identify the elements are fine (e.g., "Nol-Fo-B"). Do not writer 'invitedy' in the title. Full names of authors are preferred in the author field, but are not required. Put a space between authors' initials. The abstract must be a concise yet comprehensive reflection of what is in your article. In particular, the abstract must be self-contained, without abbreviations, footnotes, or references. It should be a microcosm of the full article. The abstract must be between 150–250 words. Be sure that you adhere to these limits; otherwise, you will need to edit your abstract accordingly. The abstract must be written as one paragraph, and should not contain displayed mathematical equations or tabular material. The abstract