

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/Ev86Jglqd7RIp3EiW83nNMUB2ZbihG6pgdDD5Y7aGvRI6A?e=XFdLBK



Tools for bibliography

- Digitals Libraries :
- [IEEE Xplore](#)
- [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"

The screenshot displays the IEEE Xplore Digital Library Advanced Search page. The 'Command Search' tab is selected. The search expression entered in the text box is: ("IoT" OR "Internet of Things" OR "Things or Smart" OR "CPS" OR "CyberPhysical" OR "Cyber-Physical") AND ("Application" OR "Architecture" OR "System") AND "Domain". The interface includes navigation links like 'Browse', 'My Settings', 'Get Help', and 'Subscribe'. A sidebar on the right offers 'Learn More' options: 'Data Fields', 'Search Examples', 'Search Operators', and 'Search Tips'. A 'Reset All' button and a 'Search' button are located at the bottom right of the search area.

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

Results :

2245 papers !

Now we can
use automatic
filters ...

Show

☒ All Results

☐ Open Access

Year

1992

2020

From 1992 To 2020

Author

Affiliation

Publication Title

Publisher

Supplemental Items

Conference Location

Standard Status

Standard Type

Index Terms

Per Page: 25 | Export | Set Search Alerts | Search History

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") x


☐ Conferences (1,853) ☐ Journals (308) ☐ Magazines (40) ☐ Early Access Articles (28)


☐ Books (9) ☐ Courses (5) ☐ Standards (2)

Show

☒ All Results ☐ Open Access

☐ Select All on Page **Sort By: Relevance**

☐ **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
Cited by: Papers (8)
▶ Abstract (html) PDF (210 Kb) CC

☐ **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)
▶ Abstract (html) PDF (2612 Kb) CC

Year

1992

2020

From 1992 To 2020

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") x

☐ Conferences (1,853) ☐ Journals (308) ☐ Magazines (40) ☐ Early Access Articles (28)

☐ Books (9) ☐ Courses (5) ☐ Standards (2)

... and results

Results : 42 papers !

Filters :

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

Showing 1-25 of 42 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") x

▼ Filters Applied: Conferences x Journals x IEEE Internet of Things Journal x 2018 - 2020 x

☐ Early Access Articles (8)

Show

☒ All Results




☐ Open Access


Year ^

Single Year Range

2018 2020

☐ Select All on Page Sort By: Relevance ▼

☐ Fog/Edge Computing-Based IoT (FECIoT): Architecture, Applications, and Research Issues 
Babatunji Omoniwa ; Riaz Hussain ; Muhammad Awais Javed ; Safdar Hussain Bouk ; Shahzad A. Malik
IEEE Internet of Things Journal
Year: 2019 | Volume: 6, Issue: 3 | Journal Article | Publisher: IEEE
Cited by: Papers (5)
▶ Abstract [\(html\)](#)  (4864 Kb) 

☐ From Cloud Down to Things: An Overview of Machine Learning in Internet of Things 
Farzad Samie ; Lars Bauer ; Jörg Henkel
IEEE Internet of Things Journal
Year: 2019 | Volume: 6, Issue: 3 | Journal Article | Publisher: IEEE

Bibliographic Management Tool :

Zotero

EndNote

Bibtex

Mendeley

Zotero

1. 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>

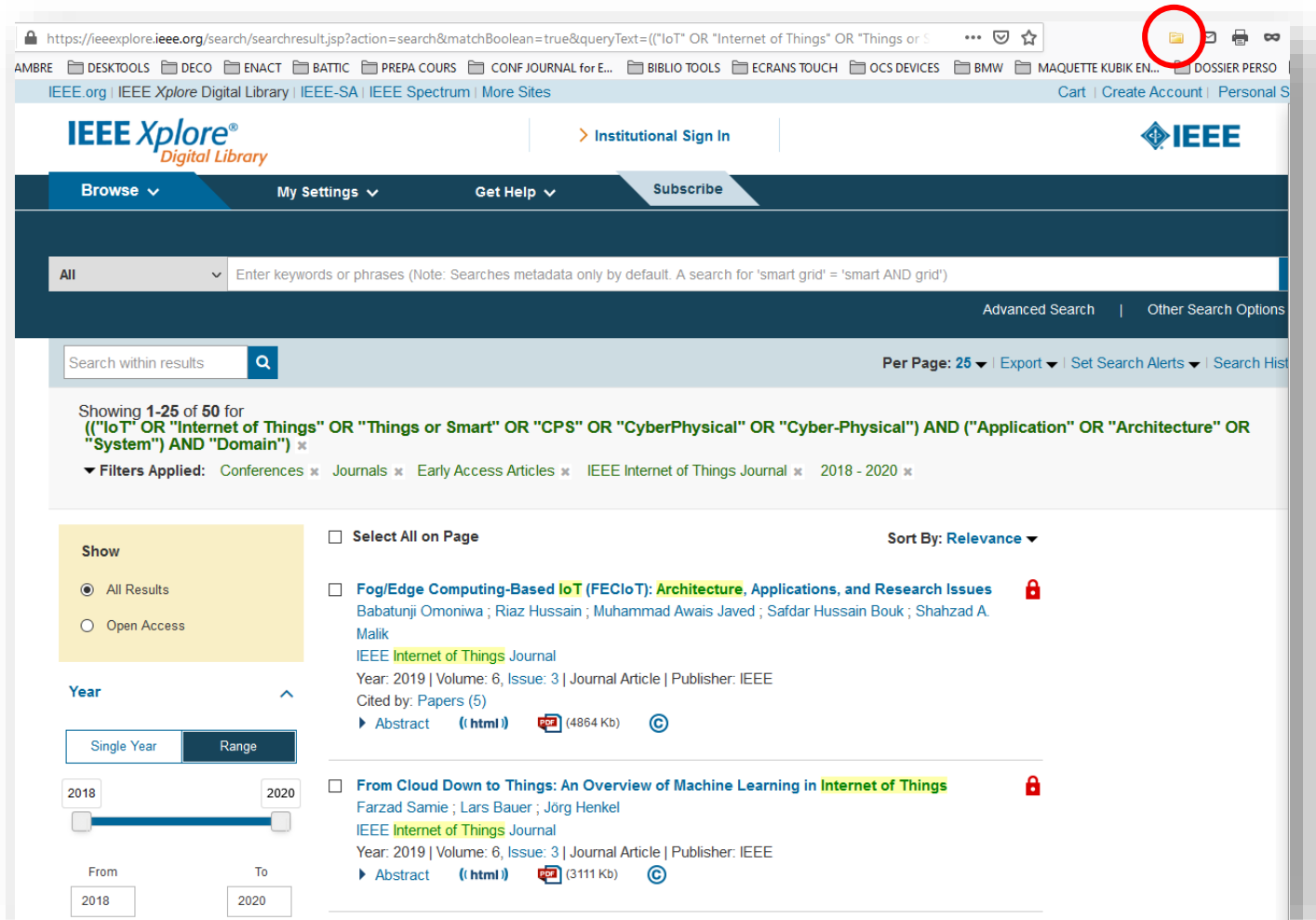
With other plugins and addins:

- <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. : Smart-
city, Smart-
vehicule ...



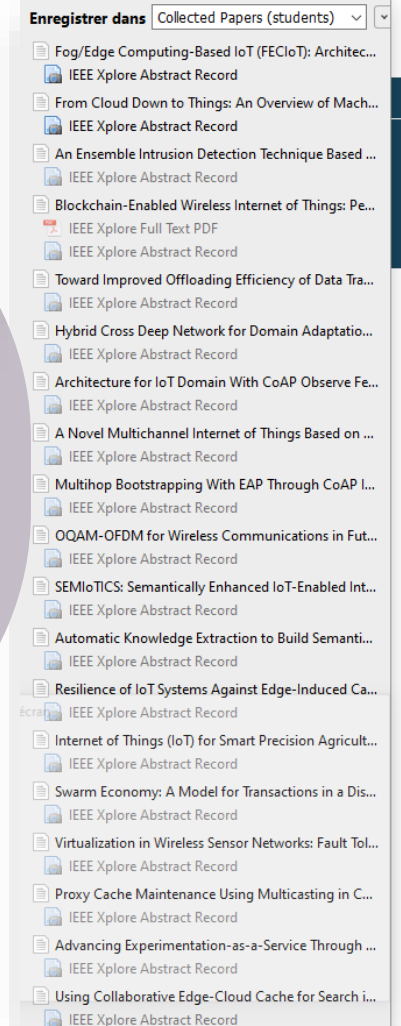
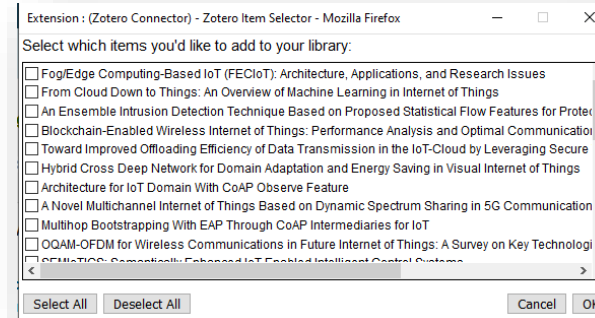
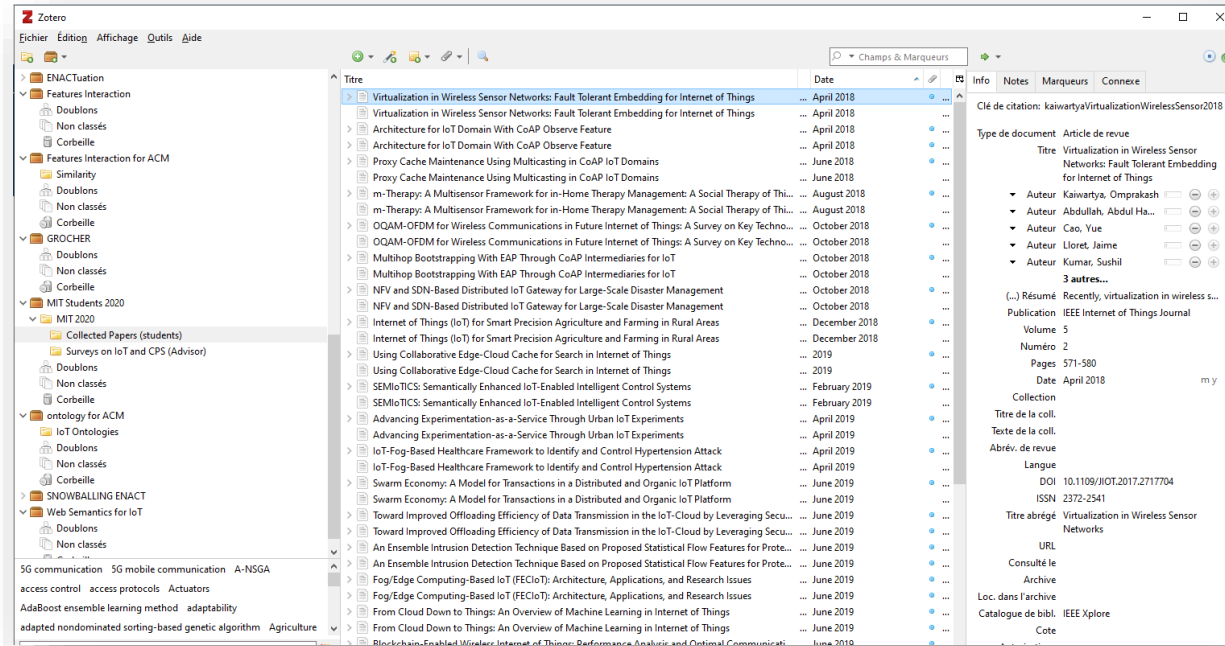
Remark : in
IEEEXplore you can
use wildcard
character char like *

Ex. Smart*

Zotero connector for easily collecting references

Zotero Connector for Chrome :

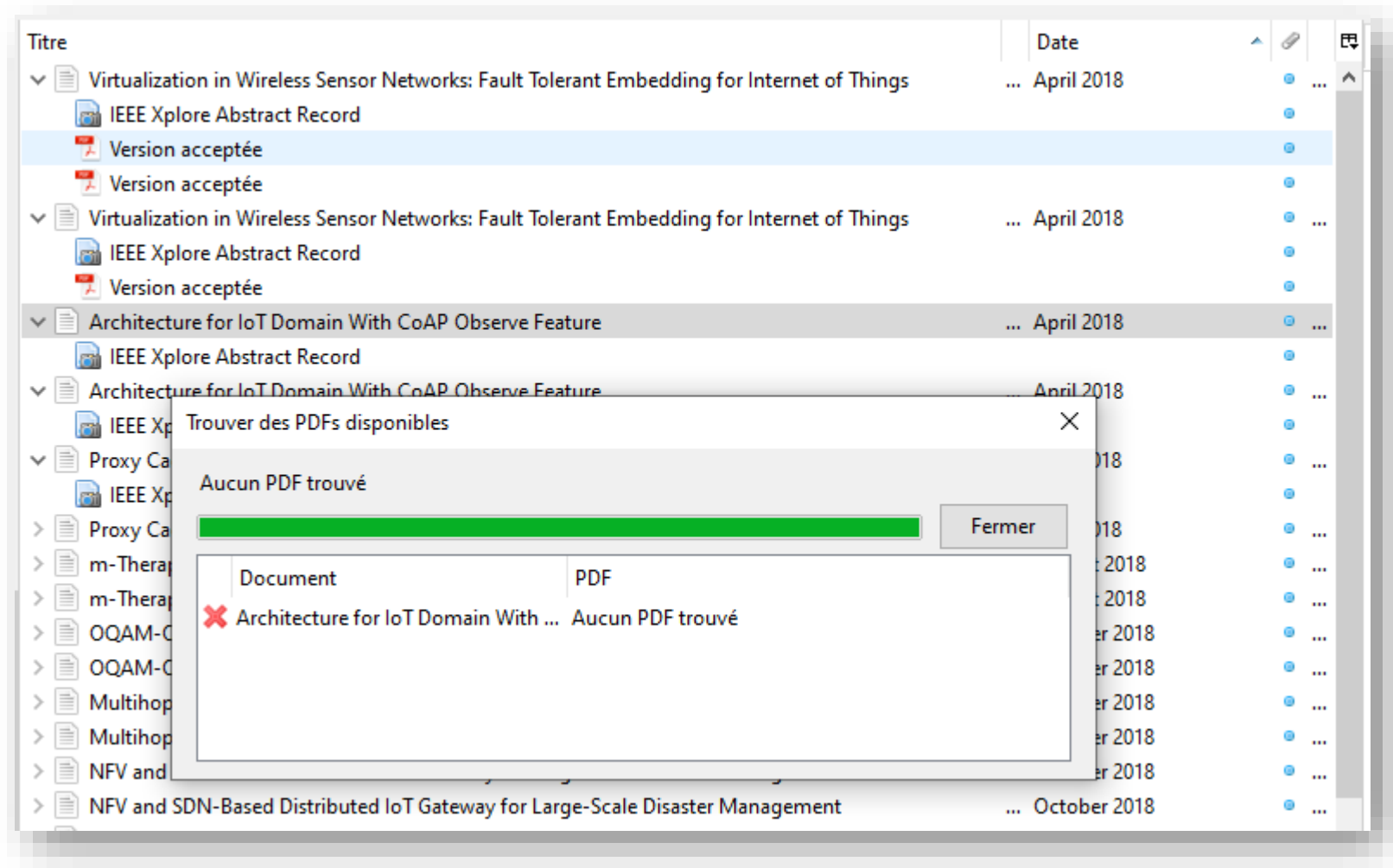
<https://www.zotero.org/download/connectors>




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/wp-content/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 ;-)

