How to Write a Quality Technical Paper and Where to Publish within IEEE – Part 2

George Plosker
IEEE Client Services Manager
September 2015

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Prepare

Step by step…

Your research problem must contribute new and important knowledge to your field

- **Conduct a Literature Review**
- Take Notes & Keep Track
- Gather References & Citations
- Draft an Outline

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Tools to start your literature review

- Full-text databases
  - IEEE *Xplore*®
  - Other relevant scientific publishers
- Abstracting and Indexing databases
- For more resources, contact your institution's library

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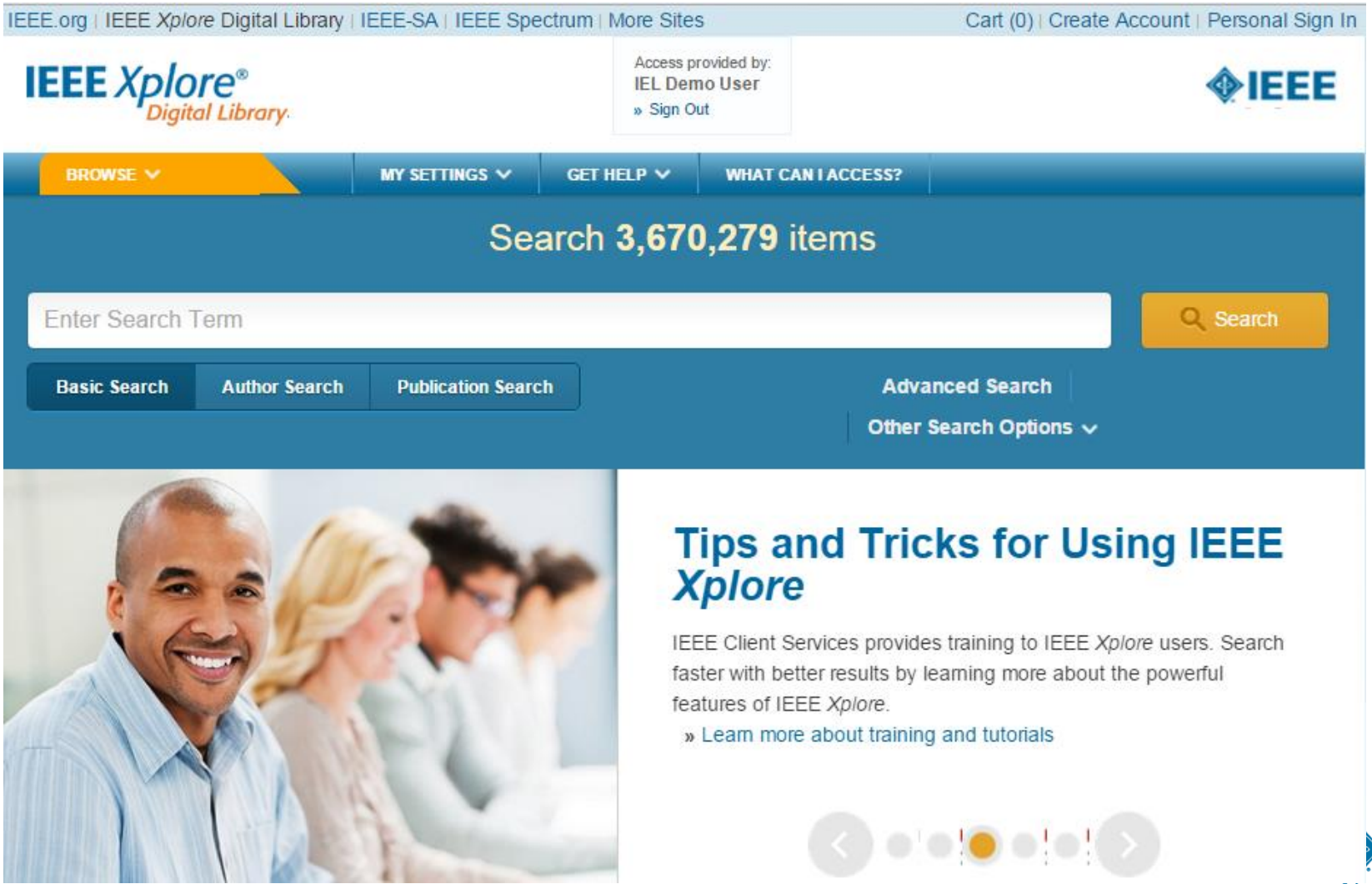
Getting started



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Start simply

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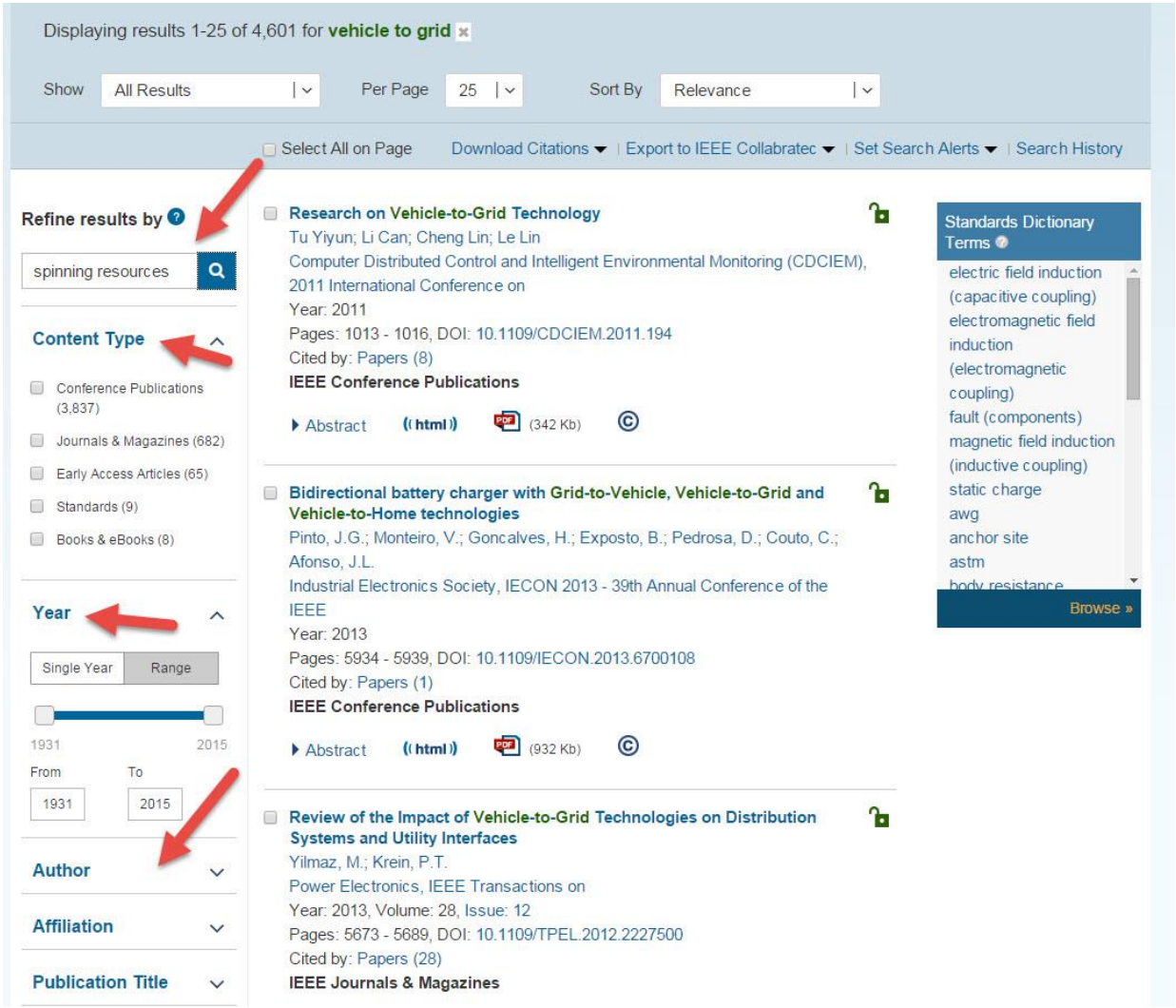
Then narrow, or refine



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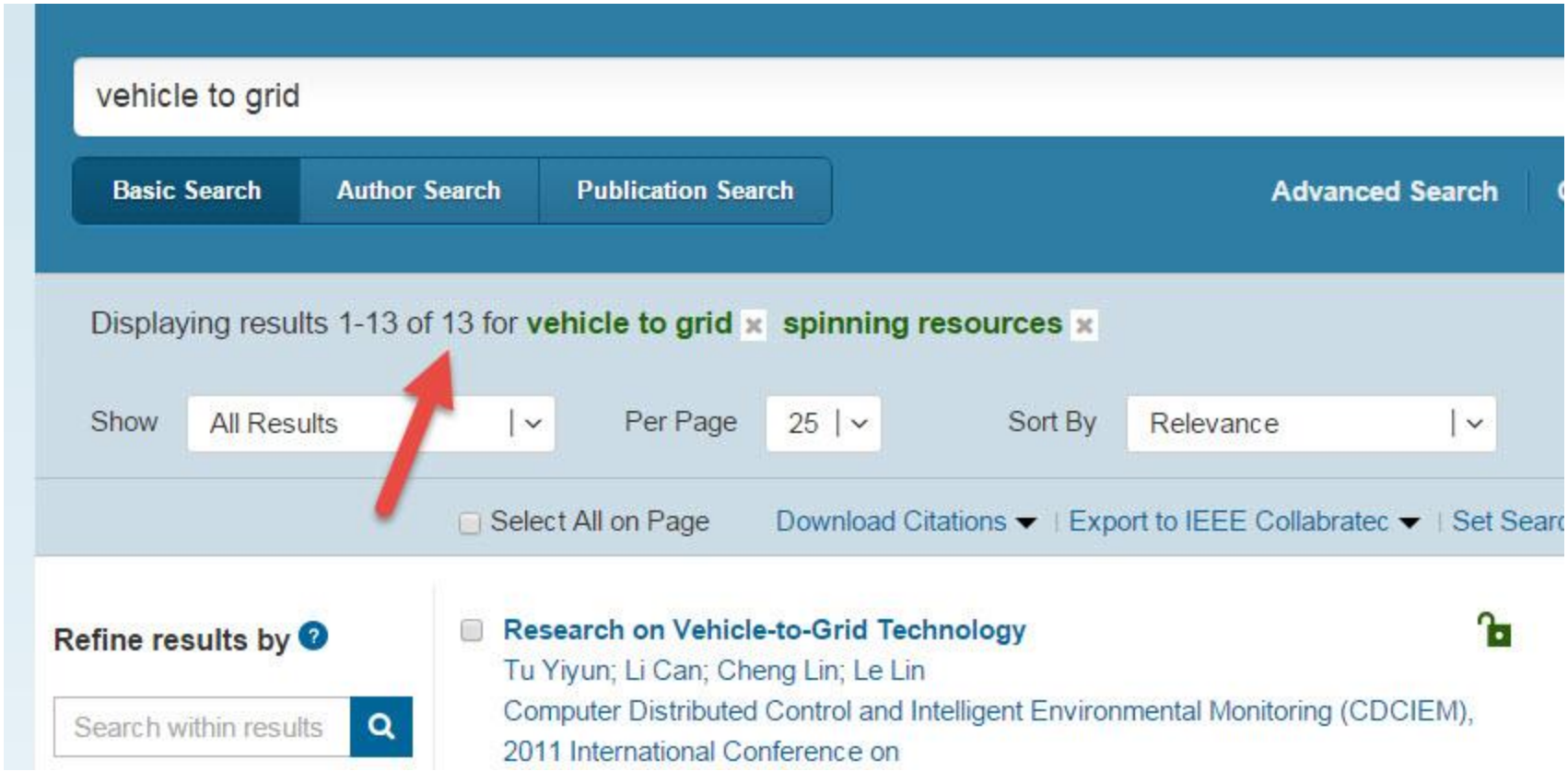

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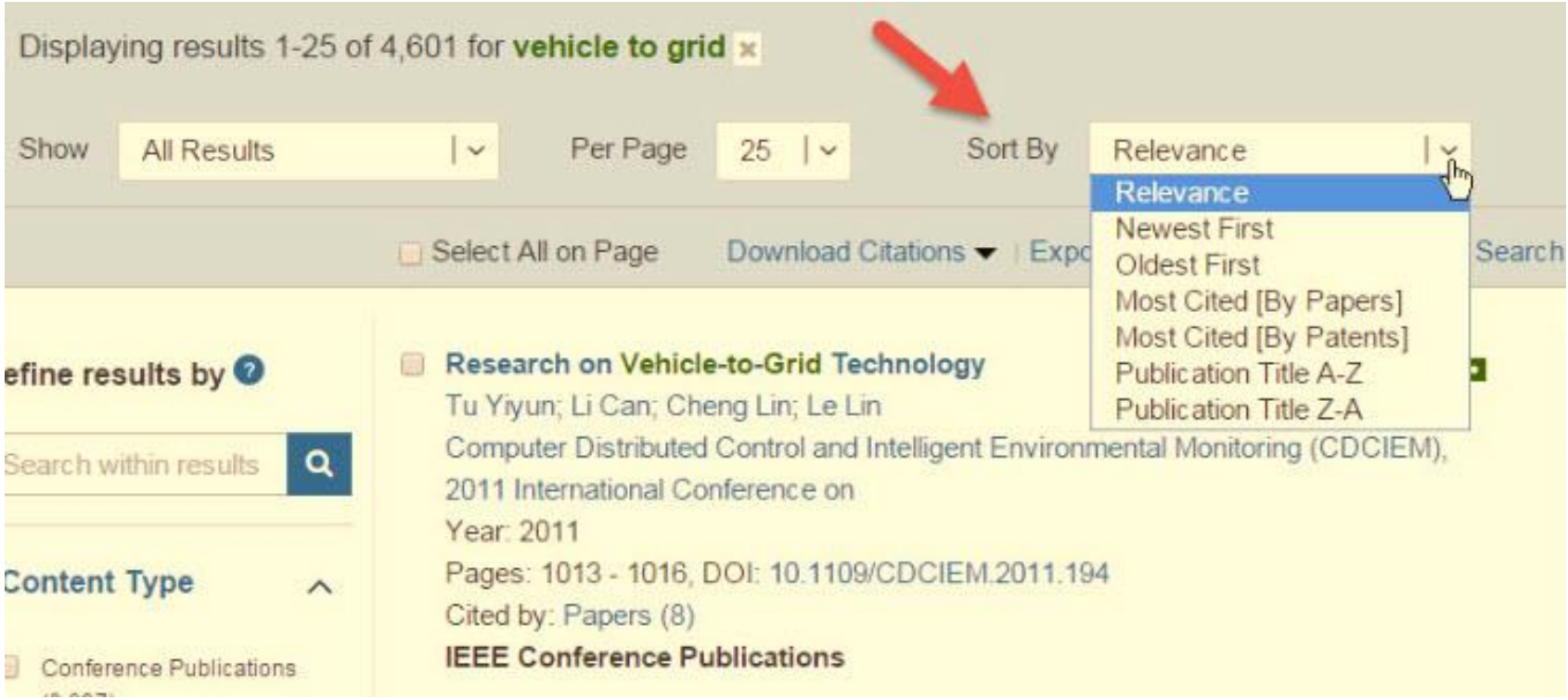
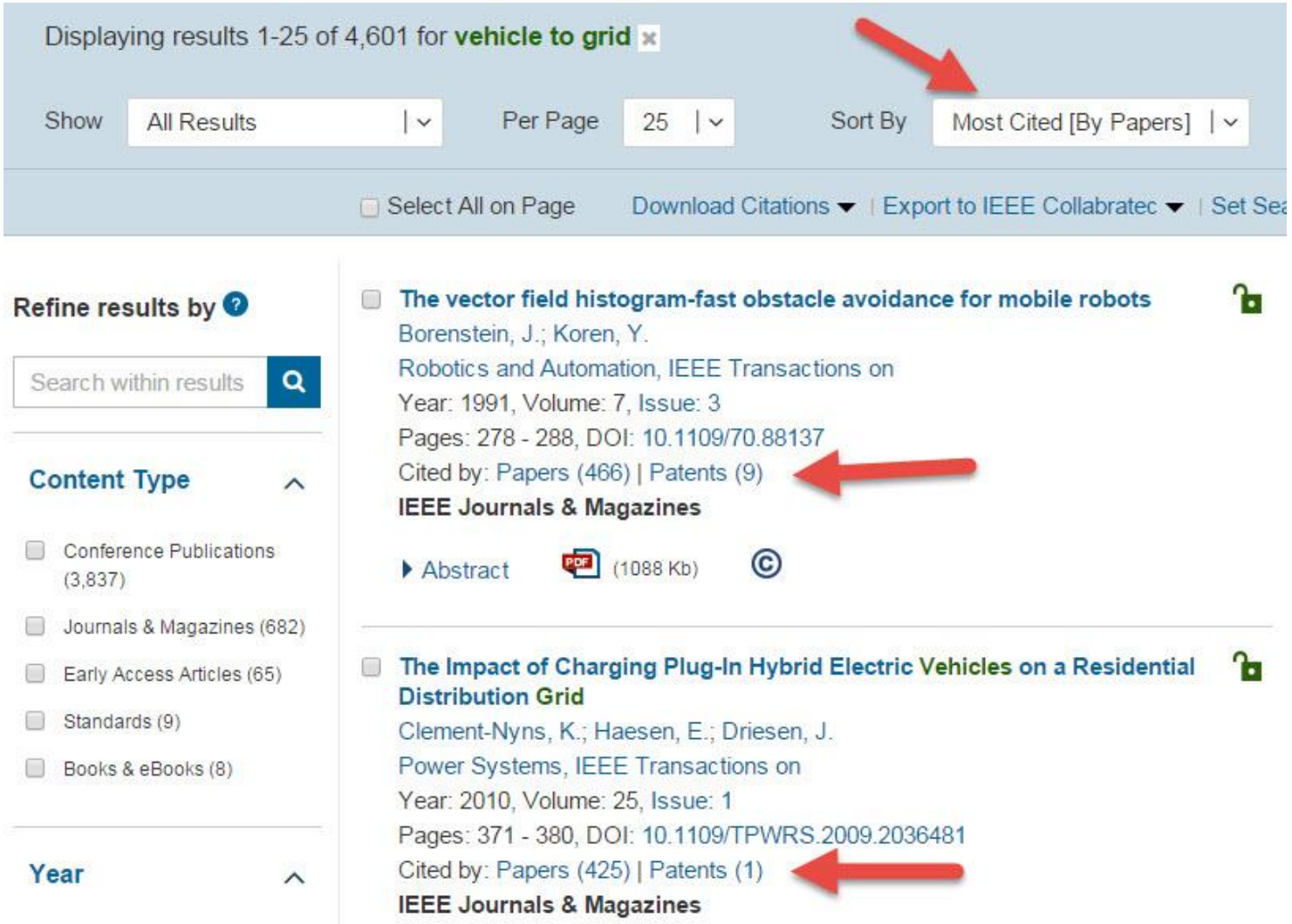


Most cited – by papers or patents



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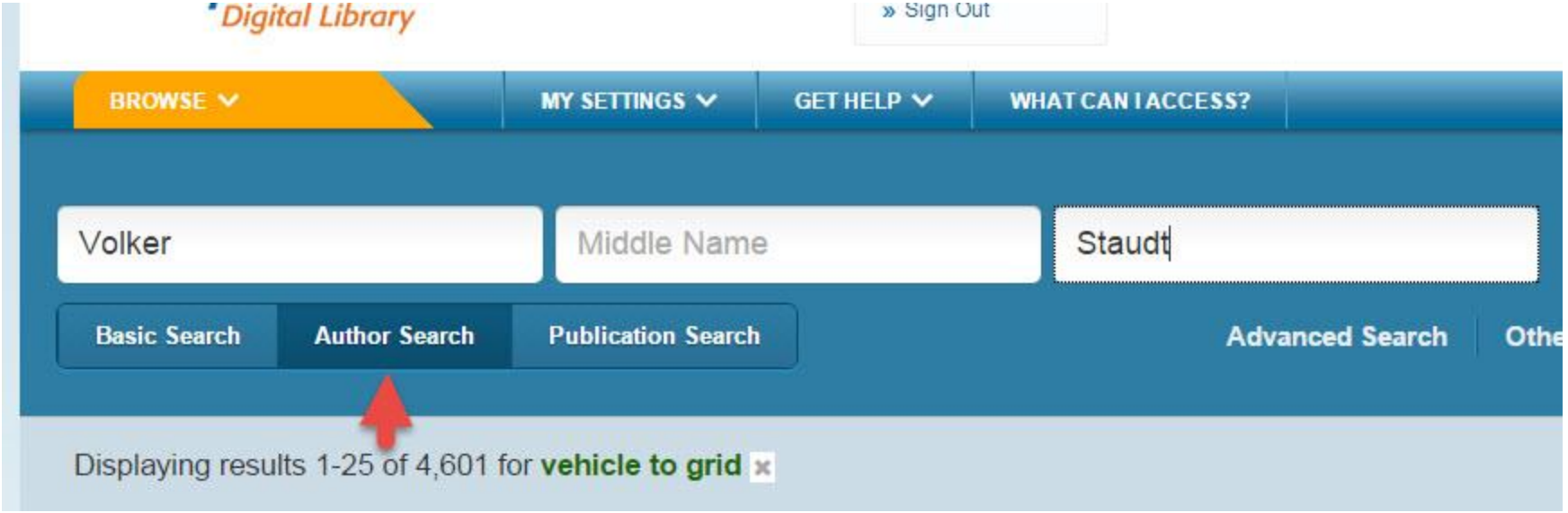
Once you know key authors



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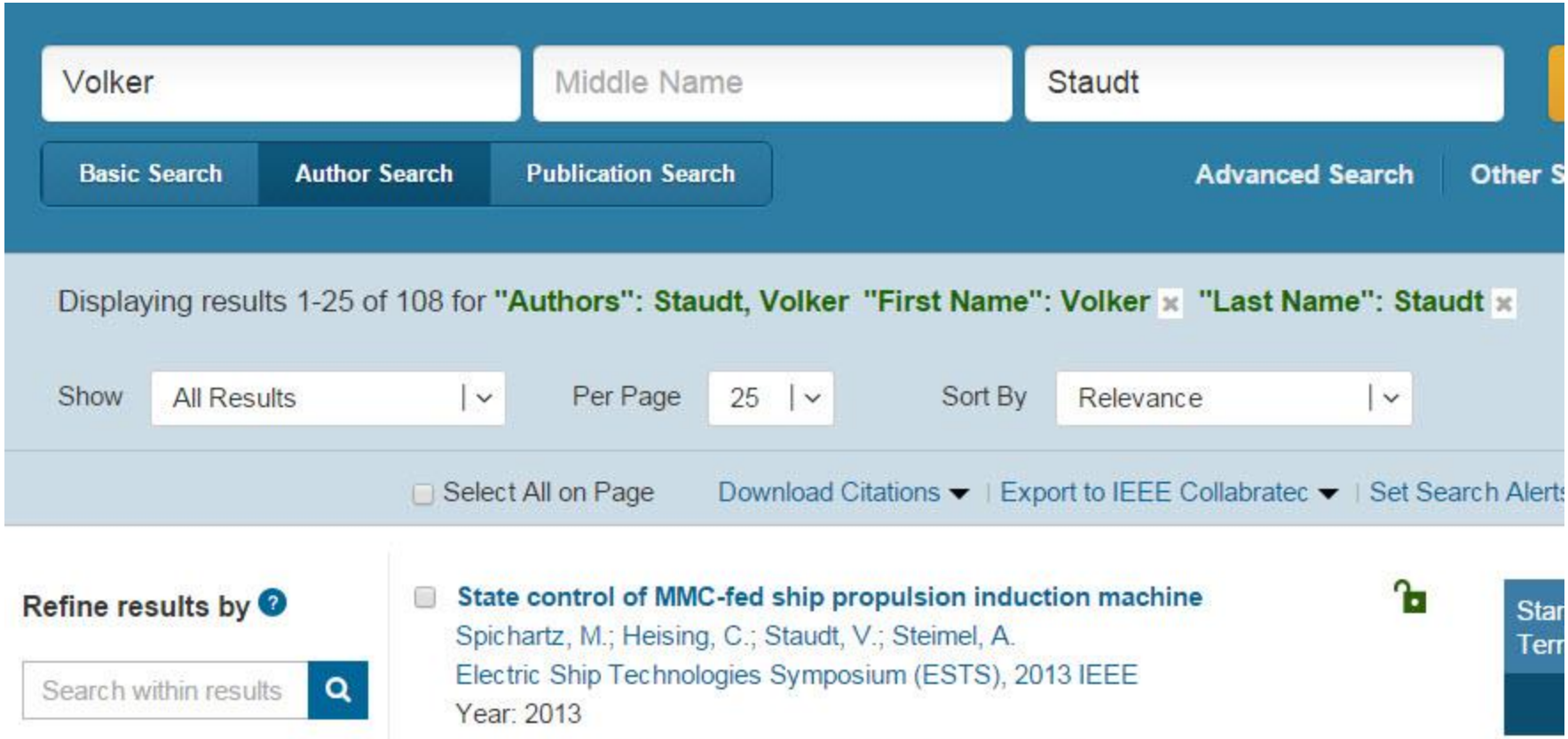

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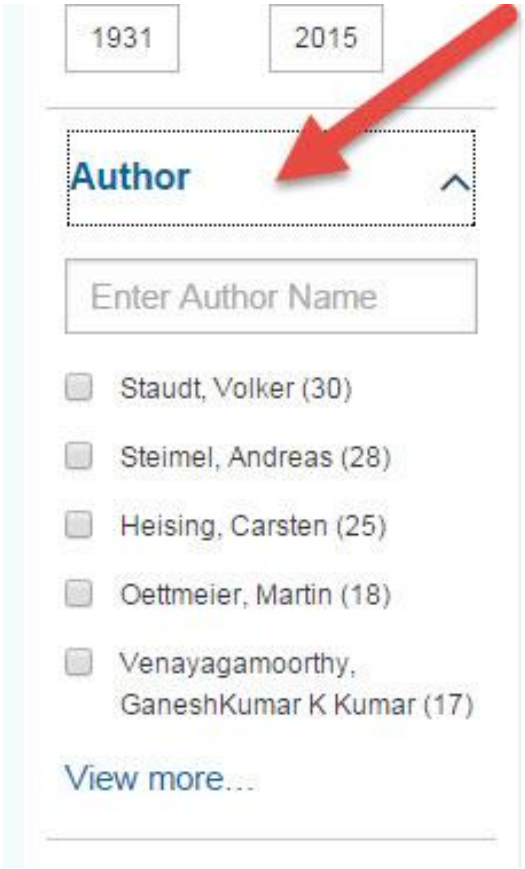

Review of the Impact of Vehicle-to-Grid Technologies on Distribution Systems and Utility Interfaces

Yilmaz, M.; Krein, P.T.

Power Electronics, IEEE Transactions on

Year: 2013, Volume: 28, Issue: 12

Pages: 5673 - 5689, DOI: 10.1109/TPEL.2012.2227500

Cited by: Papers (28)

IEEE Journals & Magazines

▸ Abstract ((html)) (838 Kb) ©

Modeling the Benefits of Vehicle-to-Grid Technology to a Power System

Yuchao Ma; Houghton, T.; Cruden, A.; Infield, D.

Power Systems, IEEE Transactions on

Year: 2012, Volume: 27, Issue: 2

Pages: 1012 - 1020, DOI: 10.1109/TPWRS.2011.2178043

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- Gather References & Citations
- Draft an Outline

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  - Boolean operators
  - Phrase nesting
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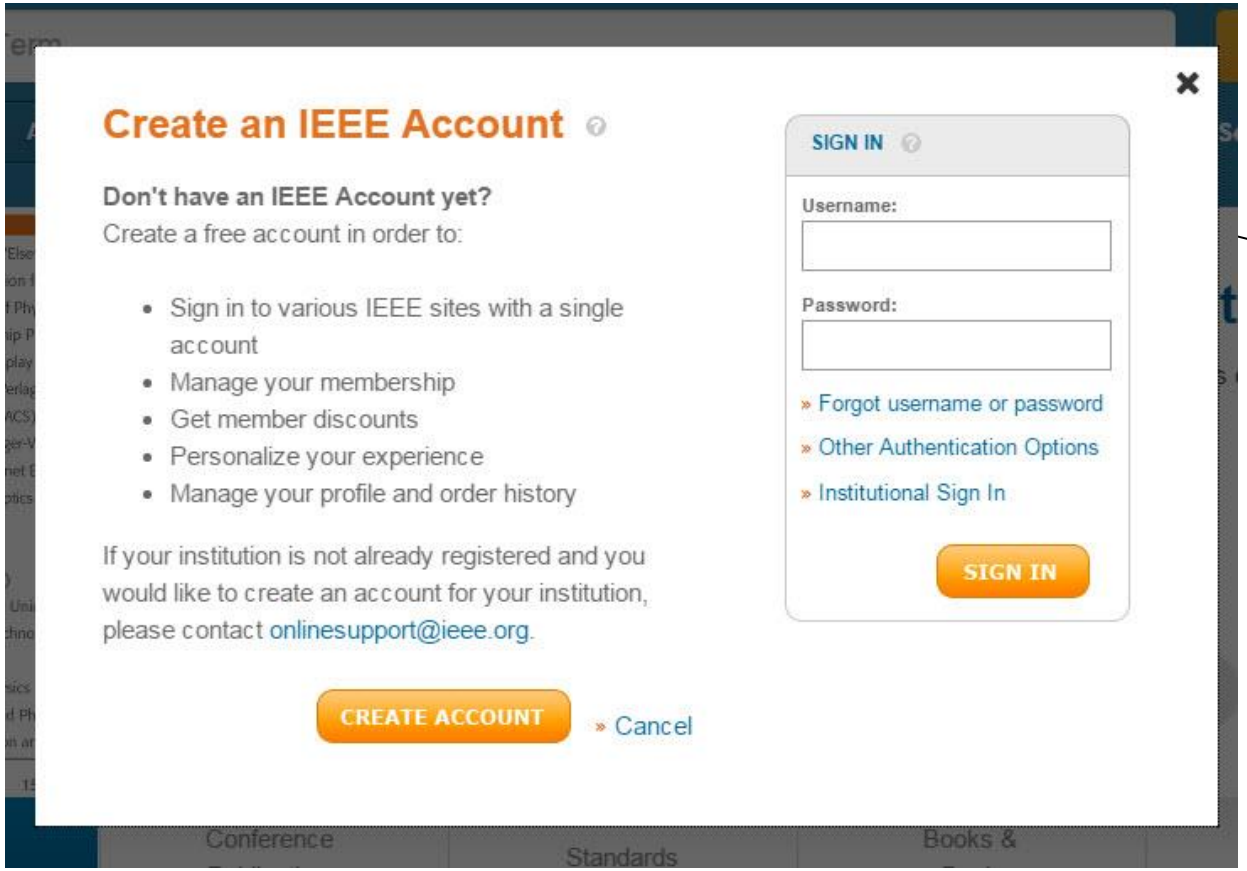

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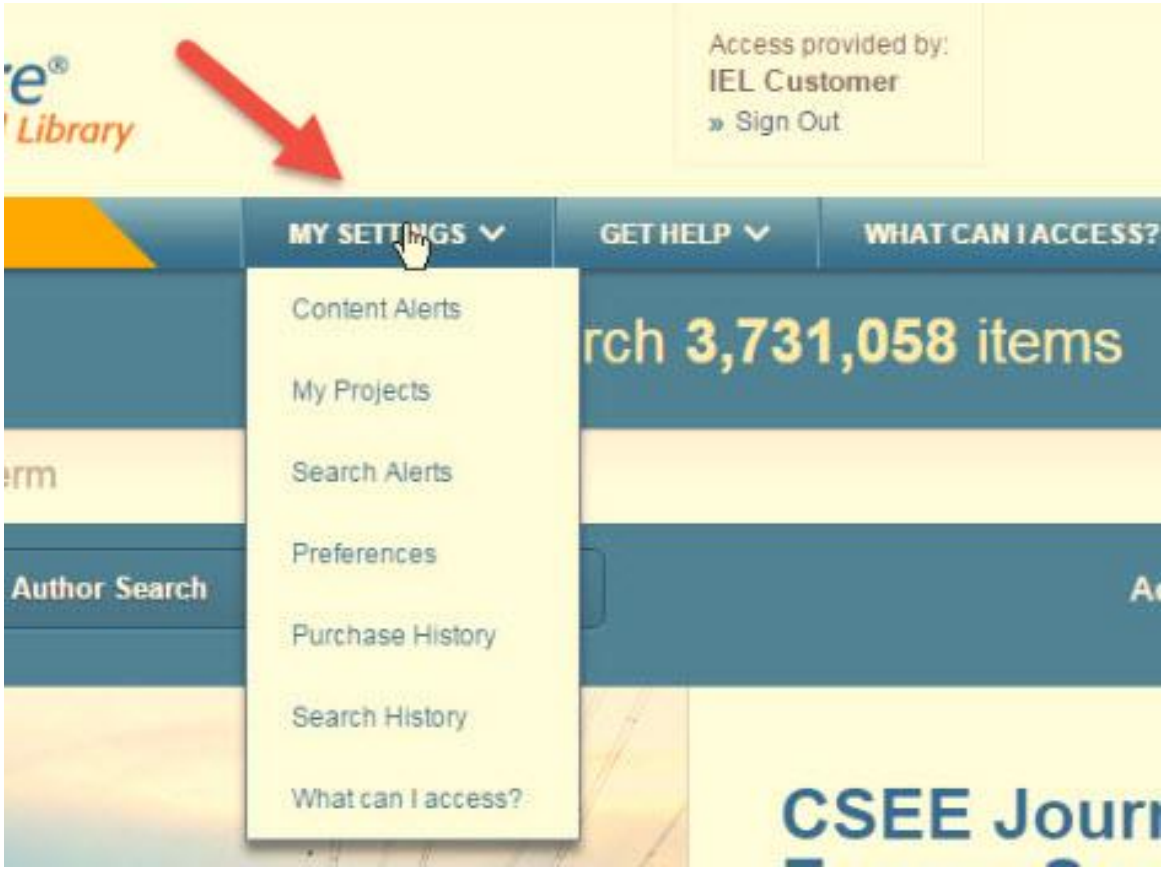

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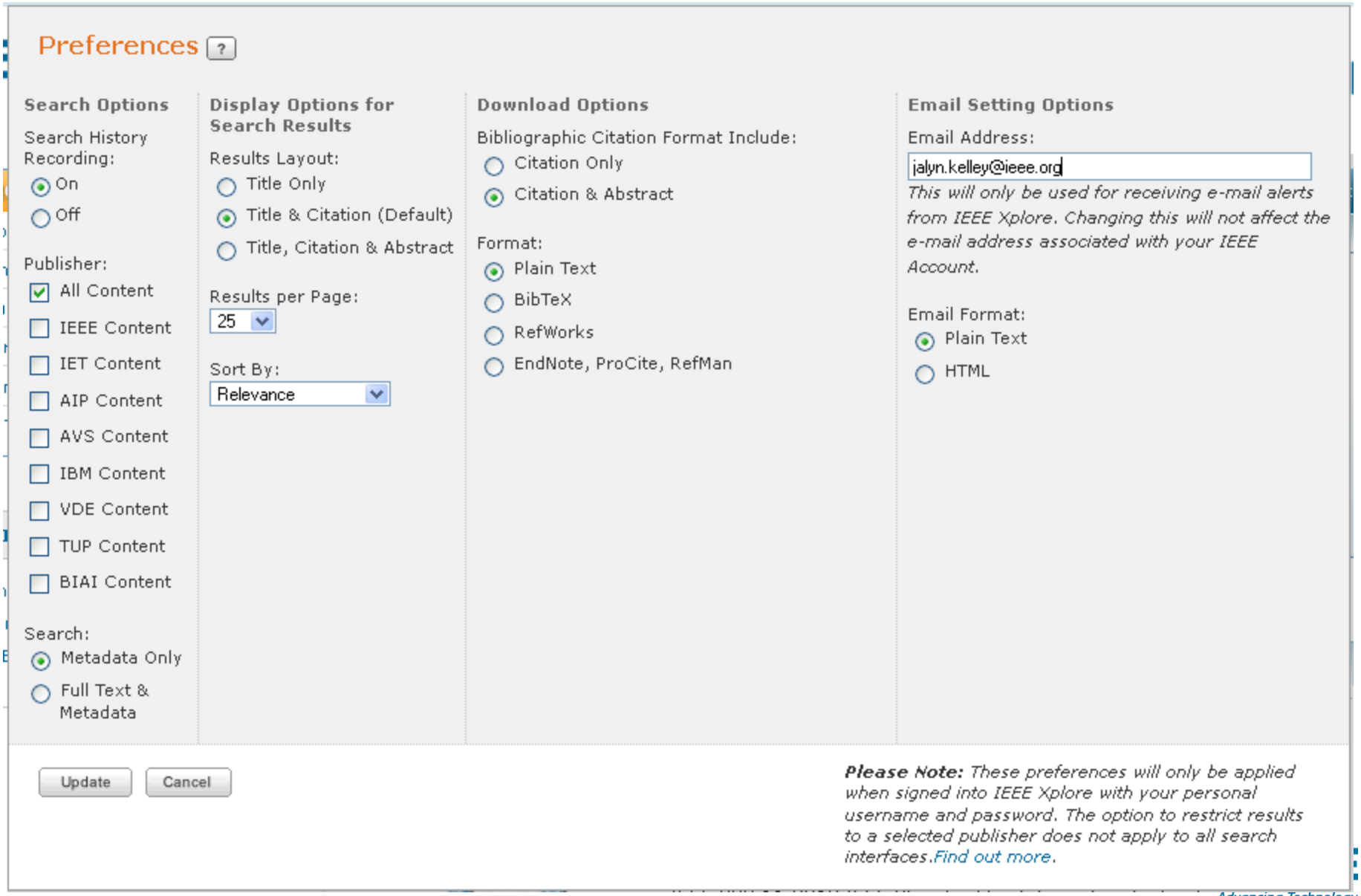

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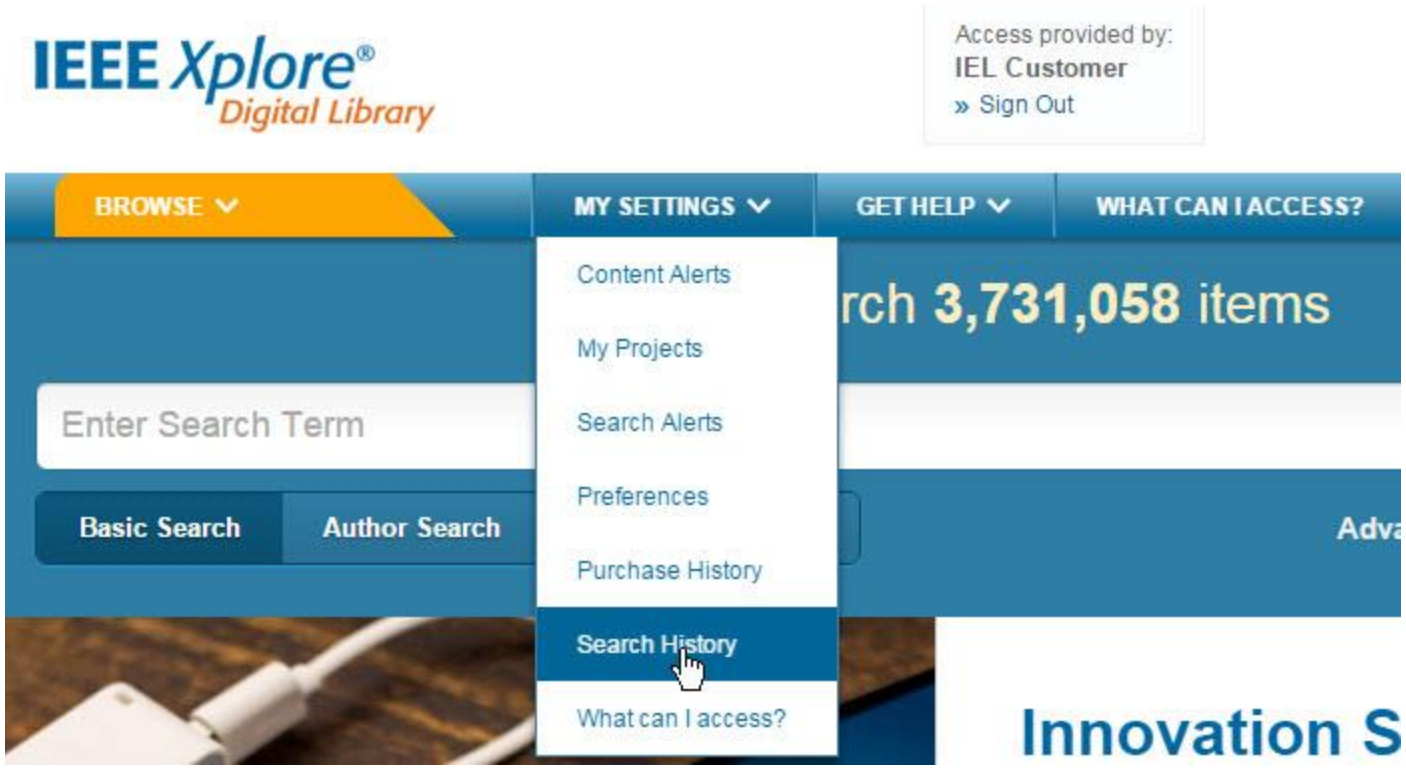

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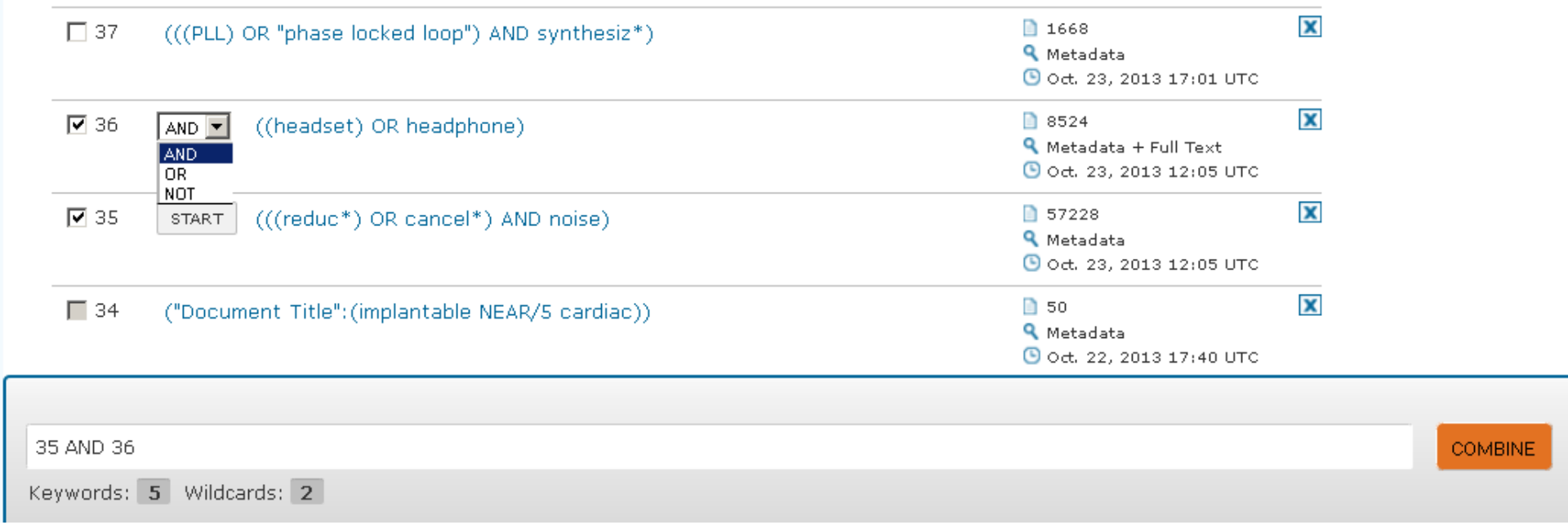

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You searched for: (((((reduc*) OR cancel*) AND noise))) AND (((headset) OR headphone))

378 Results returned

Results per page 25 | Sort by: Relevance

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Evaluation of Speech Intelligibility for Feedback Adaptive Active Noise Cancellation Headset

Jiun-Hung Lin ; Shih-Tsang Tang ; Wei-Ru Han ; Chih-Yuan Chuang ; Liu, Ping-Ting ; Shuenn-Tsong Young

Biomedical and Pharmaceutical Engineering, 2006. ICBPE 2006. International Conference on

Publication Year: 2006 , Page(s): 24 - 29

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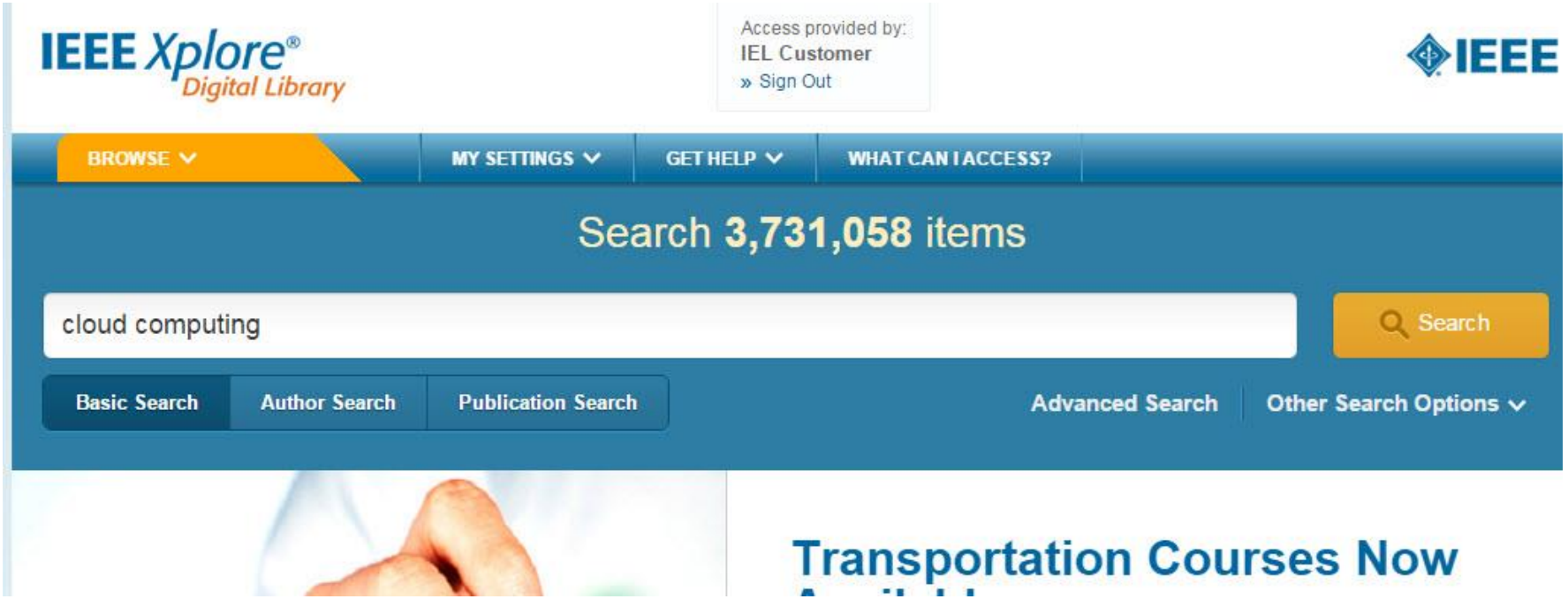

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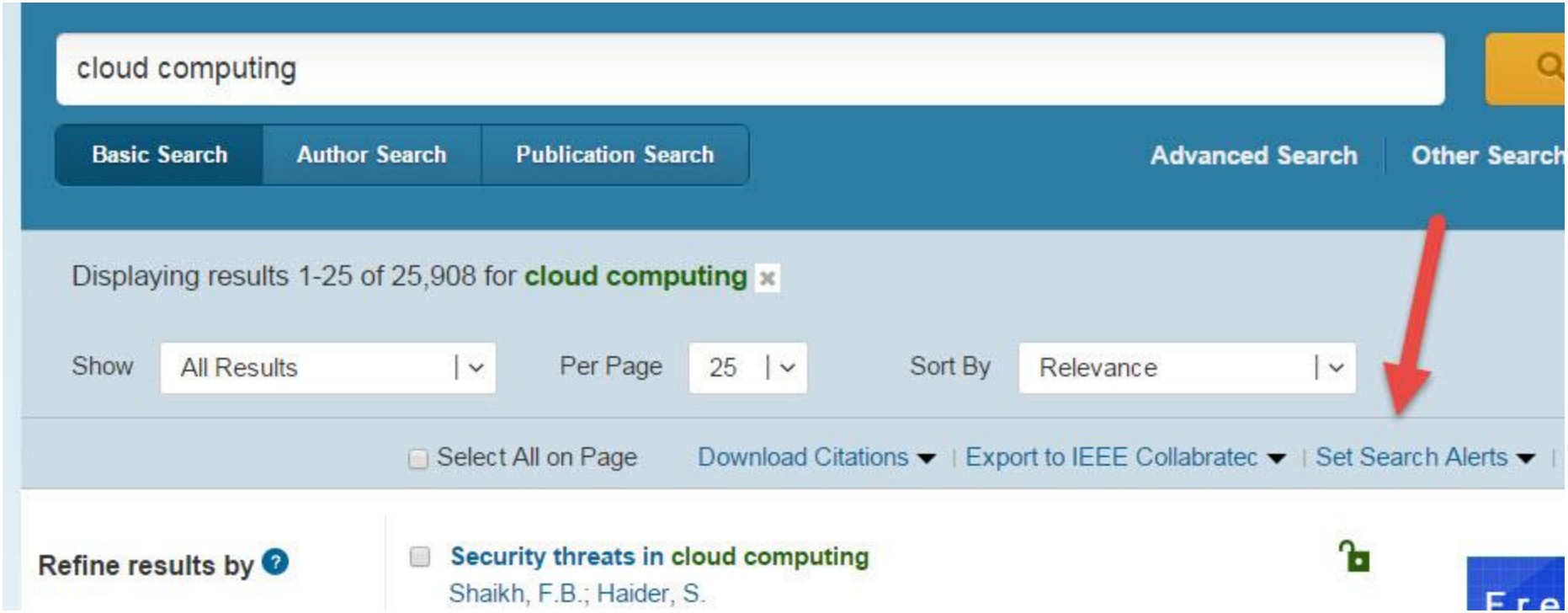

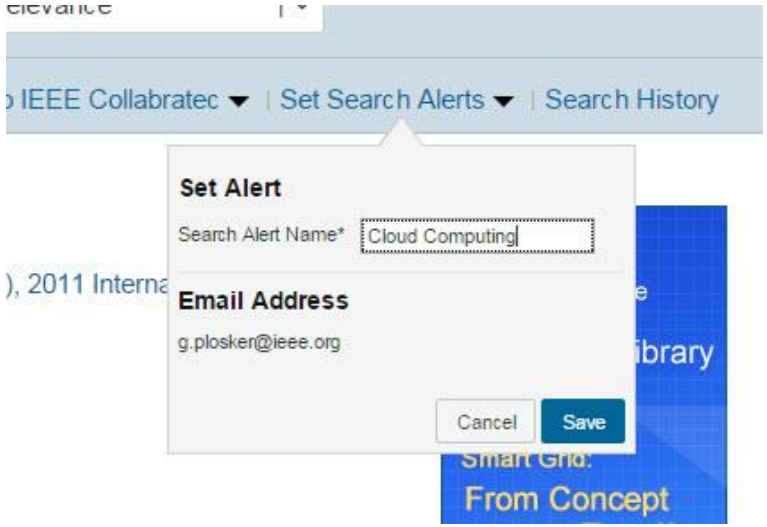

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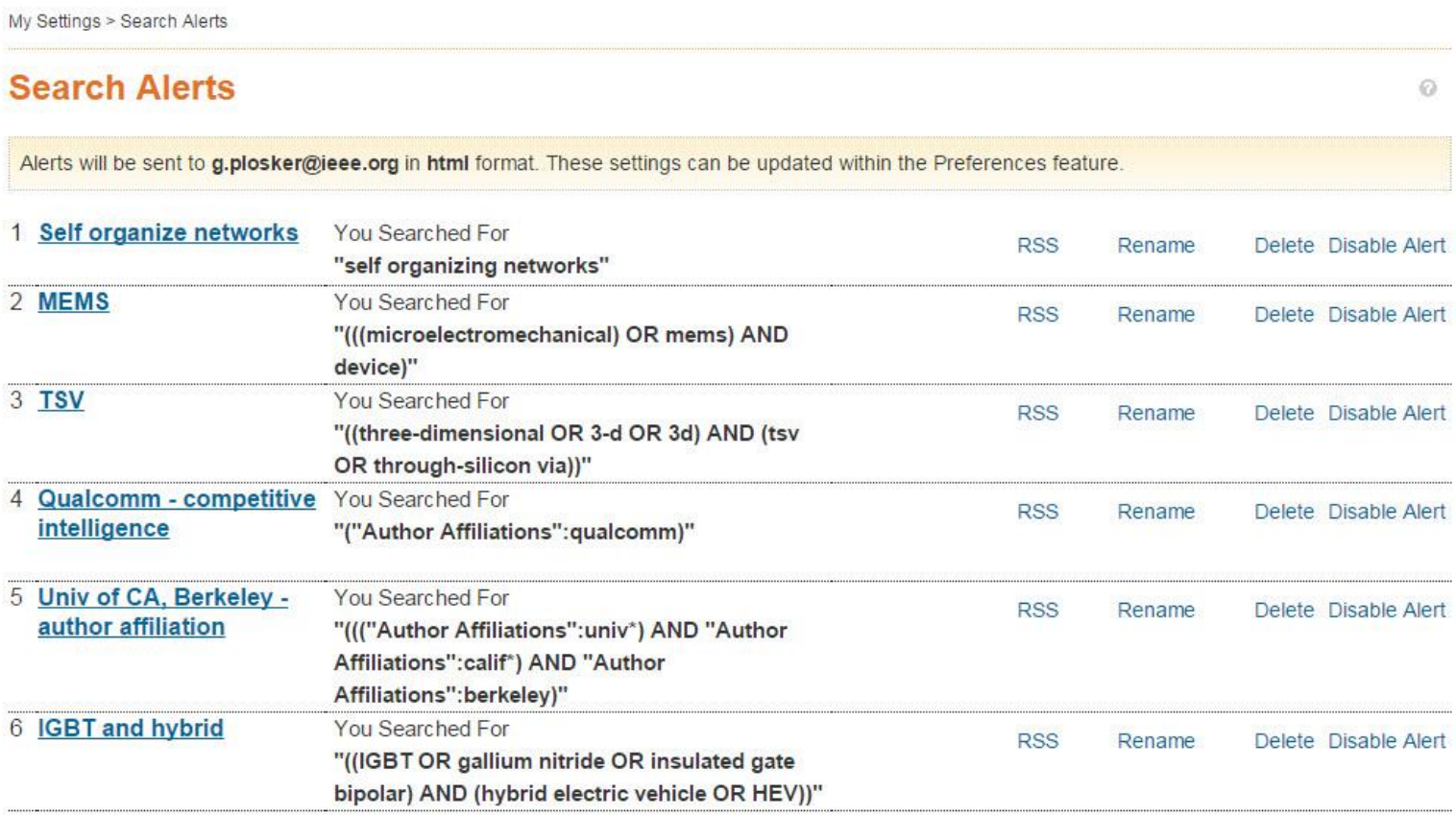

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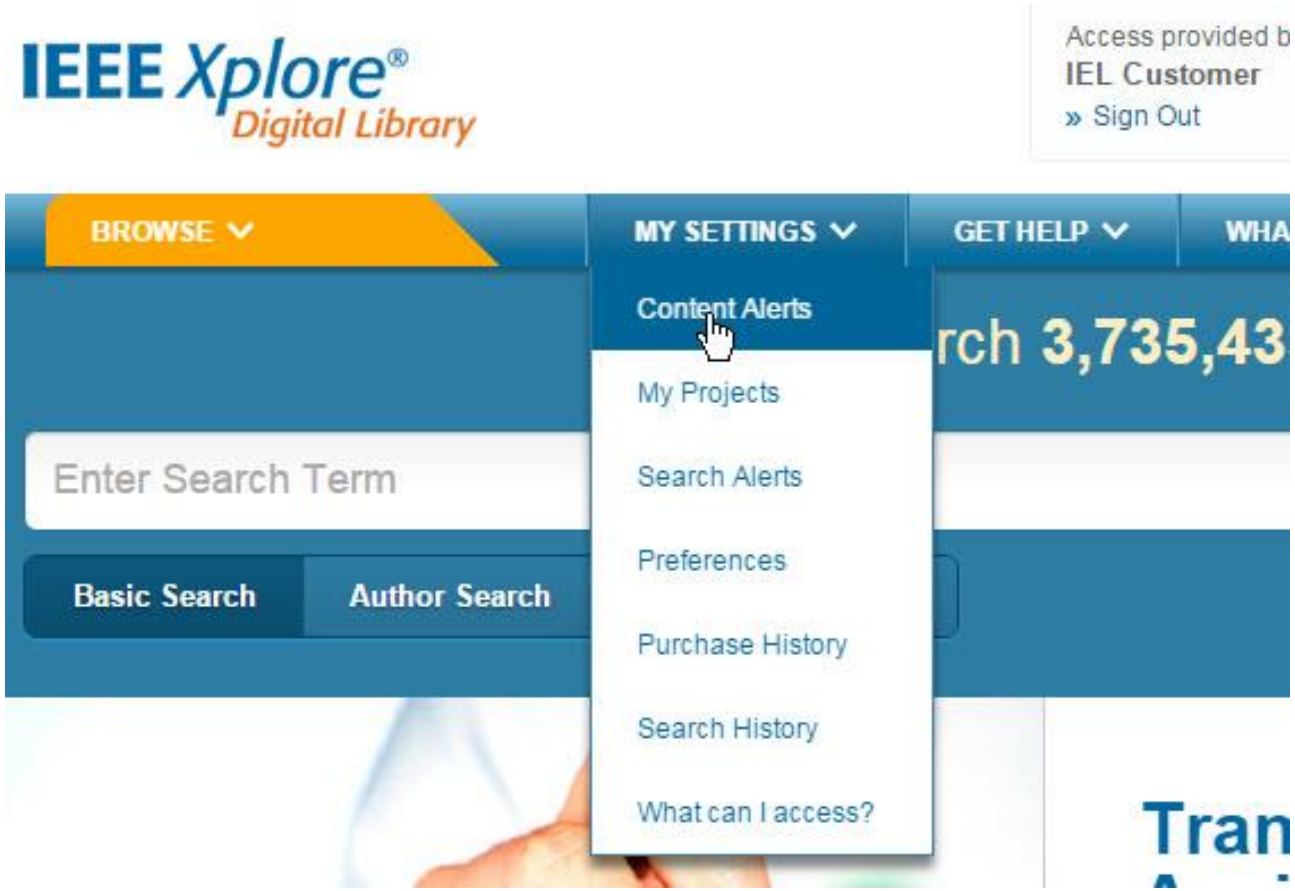

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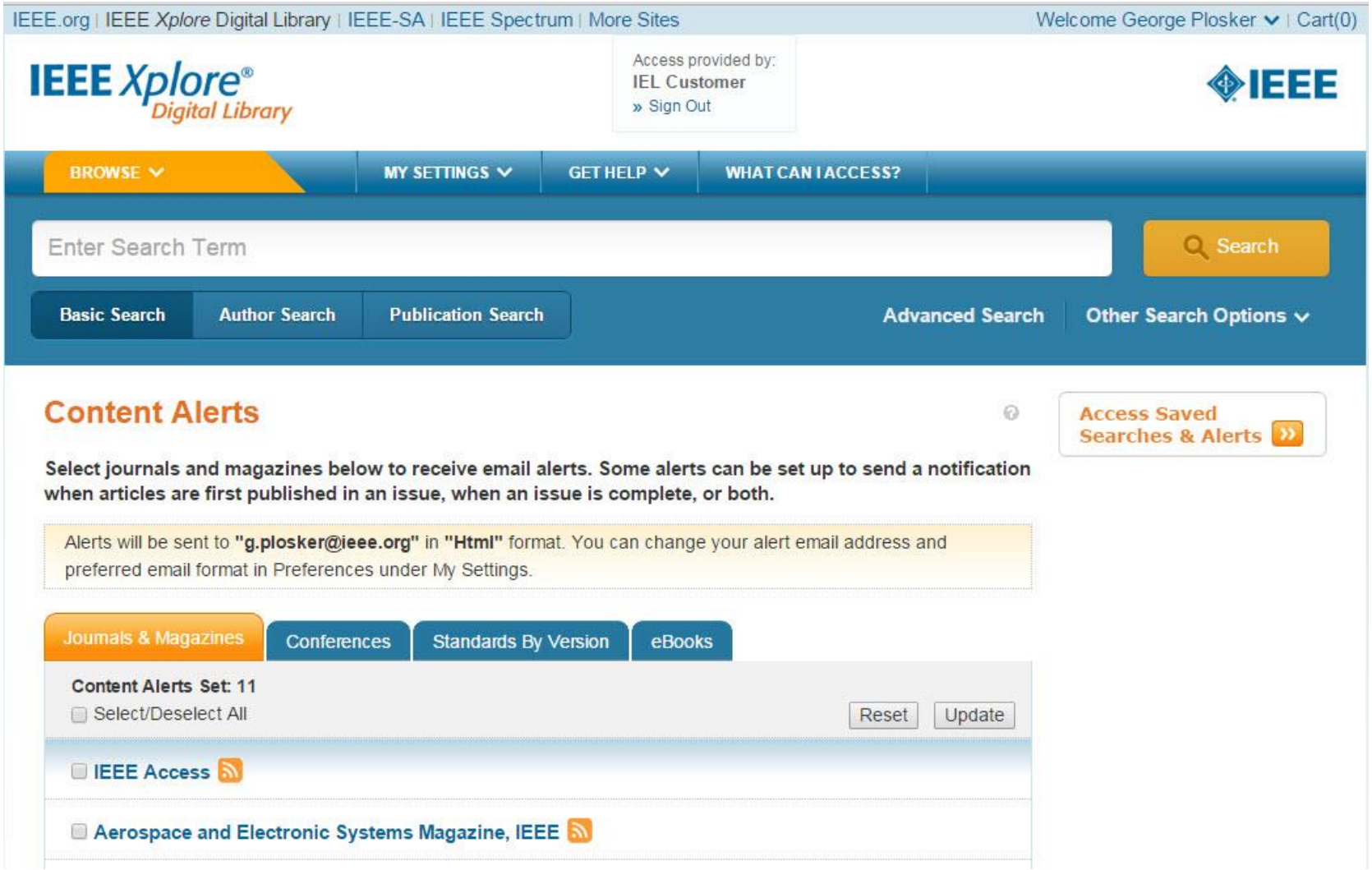

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» **Nonlinear Model Predictive Control Based on a Self-Organizing Recurrent Neural Network** 2015-08-27
Author(s): Han, Hong-Gui;Zhang, Lu;Hou, Ying;Qiao, Jun-Fei
Published In: Neural Networks and Learning Systems, IEEE Transactions on

» **Enhancing routing energy efficiency of Wireless Sensor Networks** 08/27/2015
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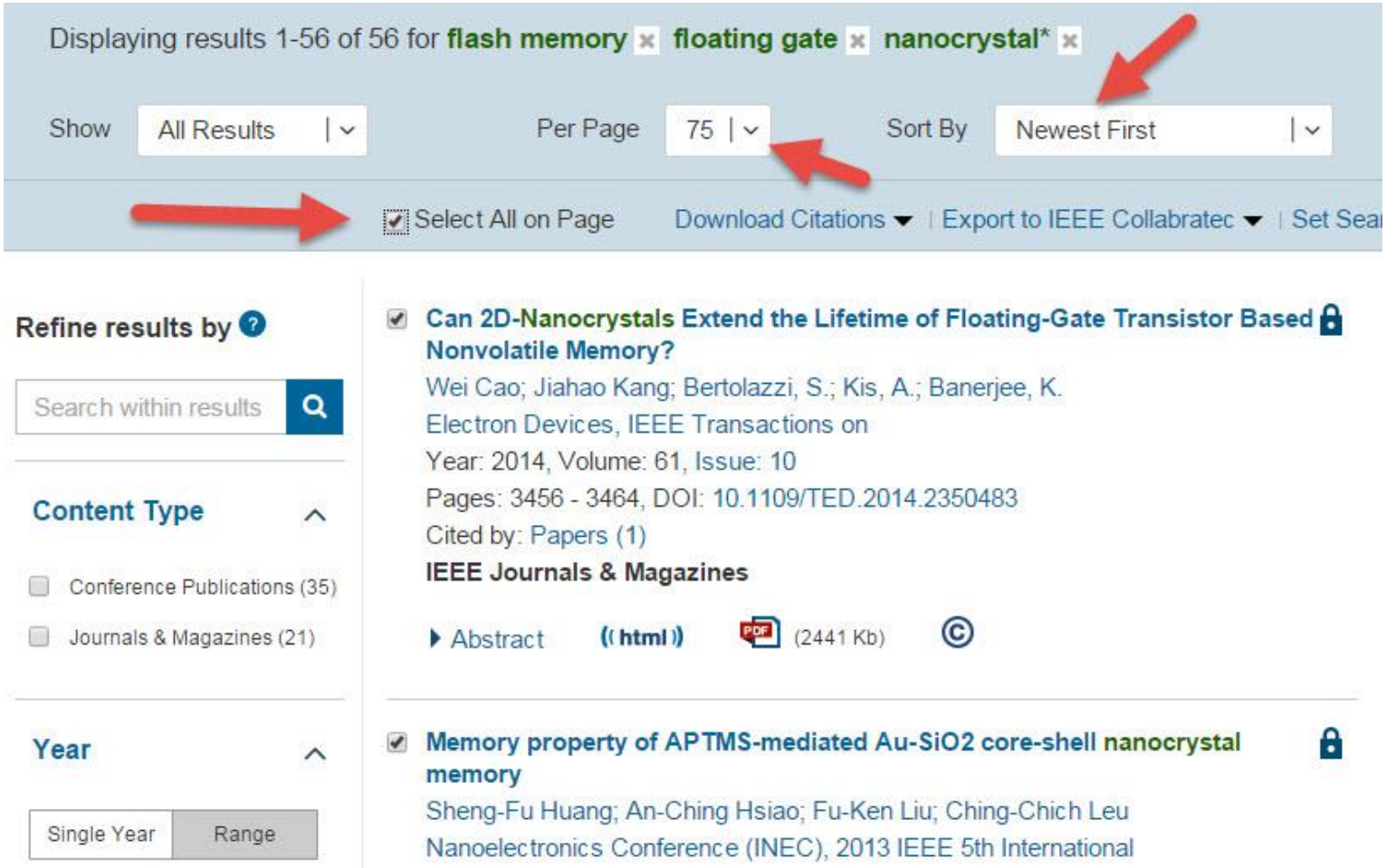

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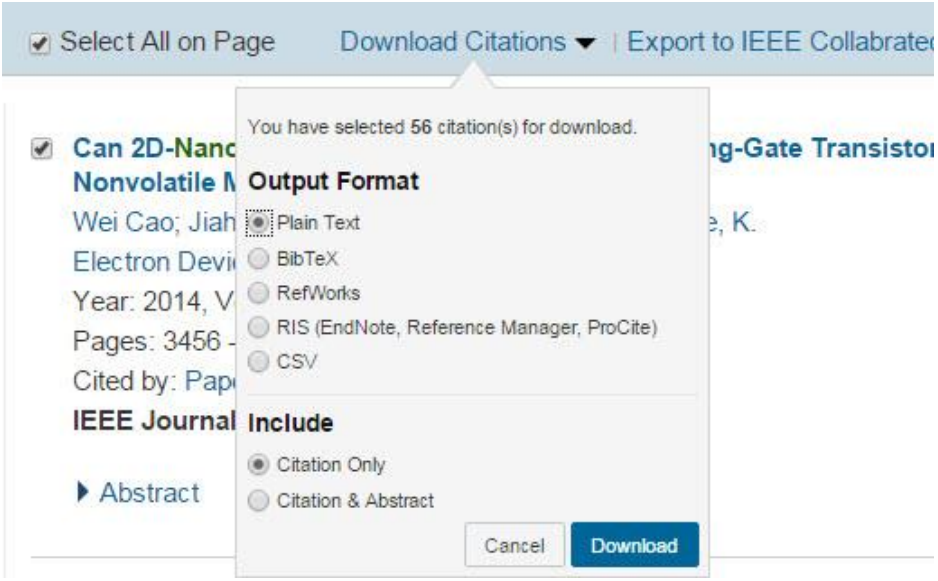

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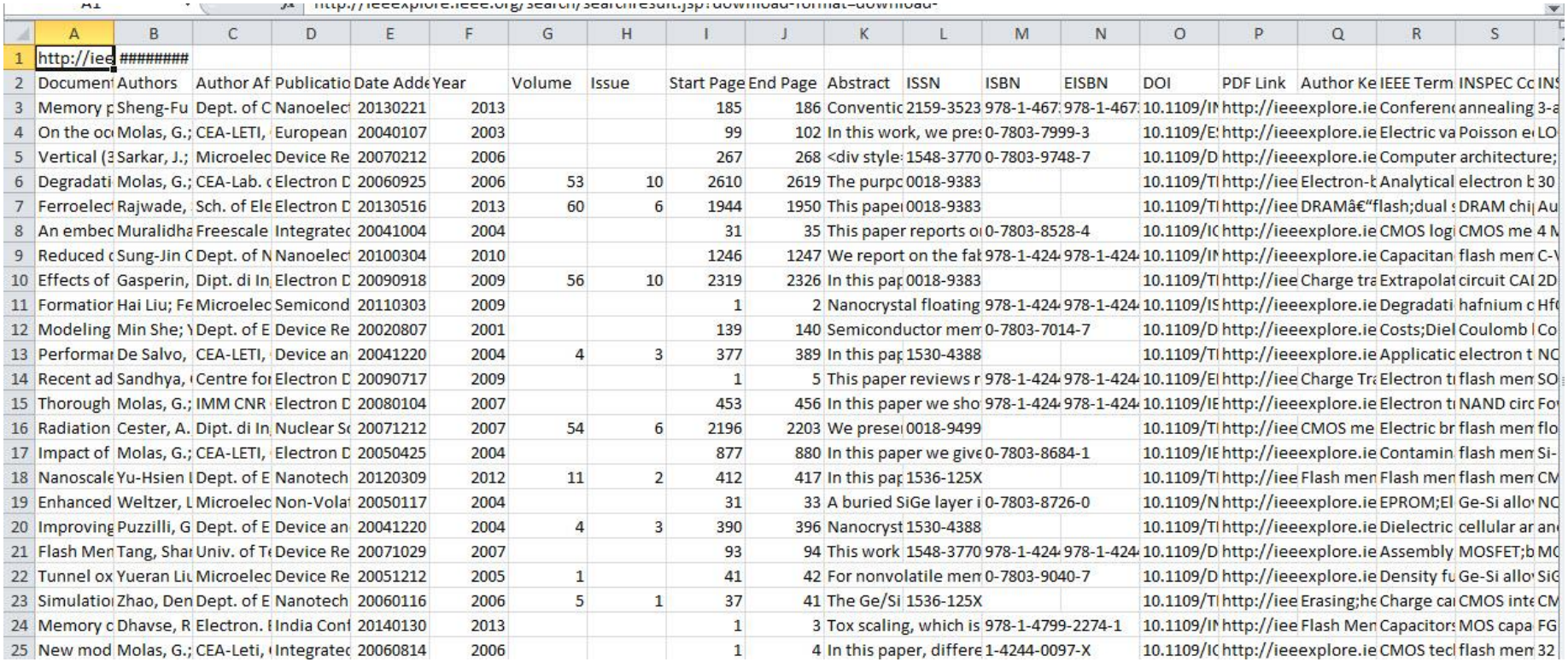

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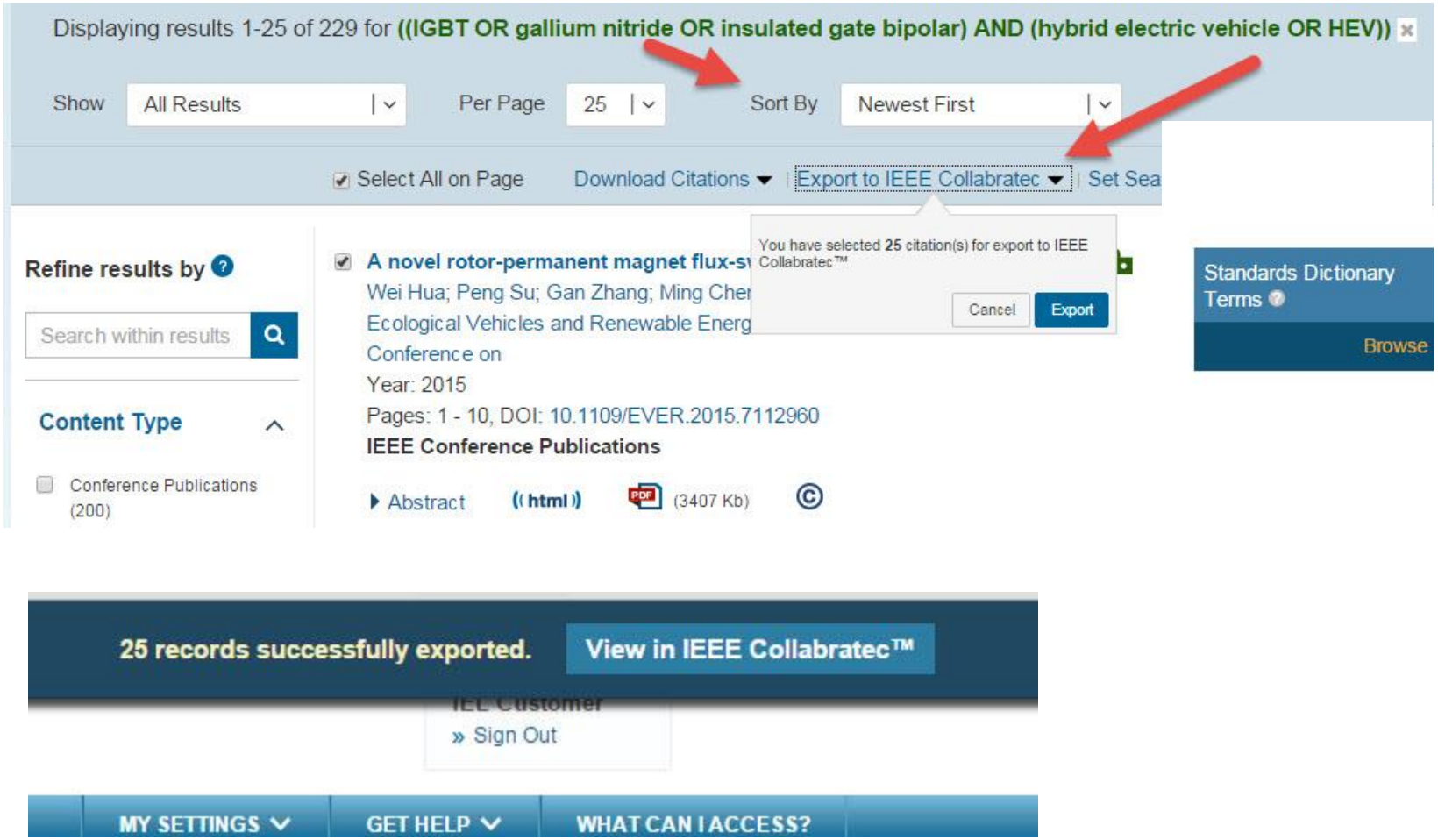

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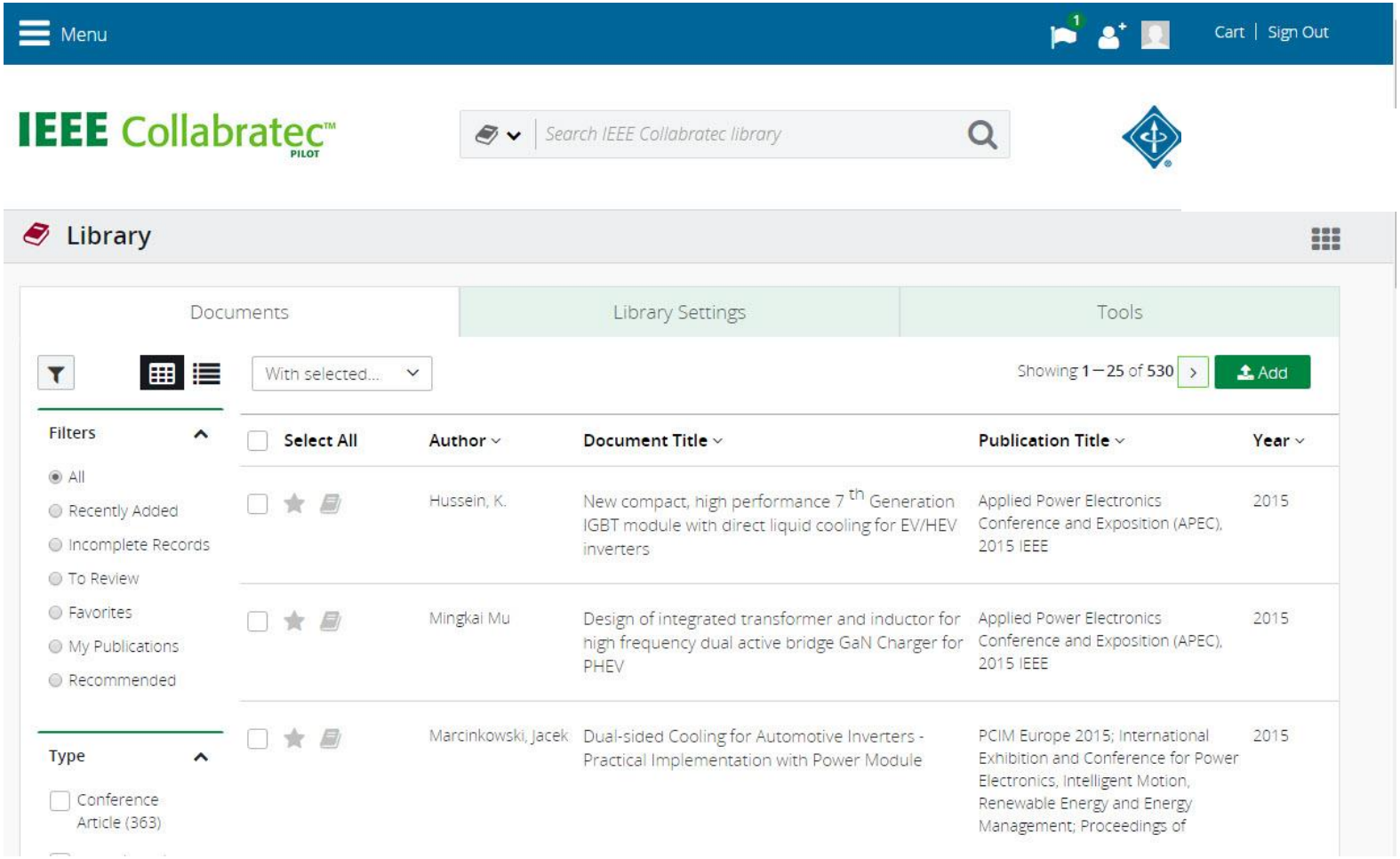

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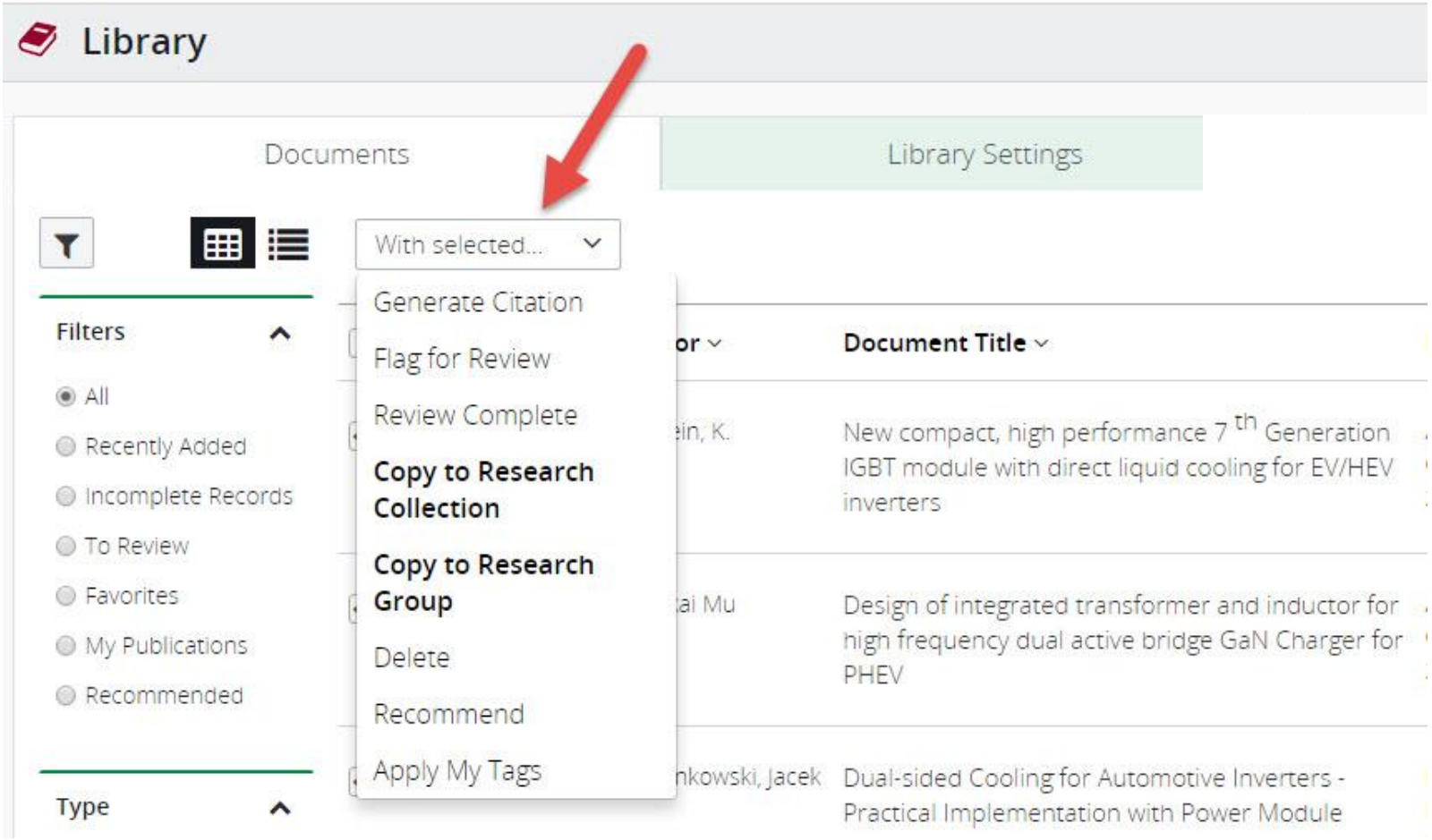

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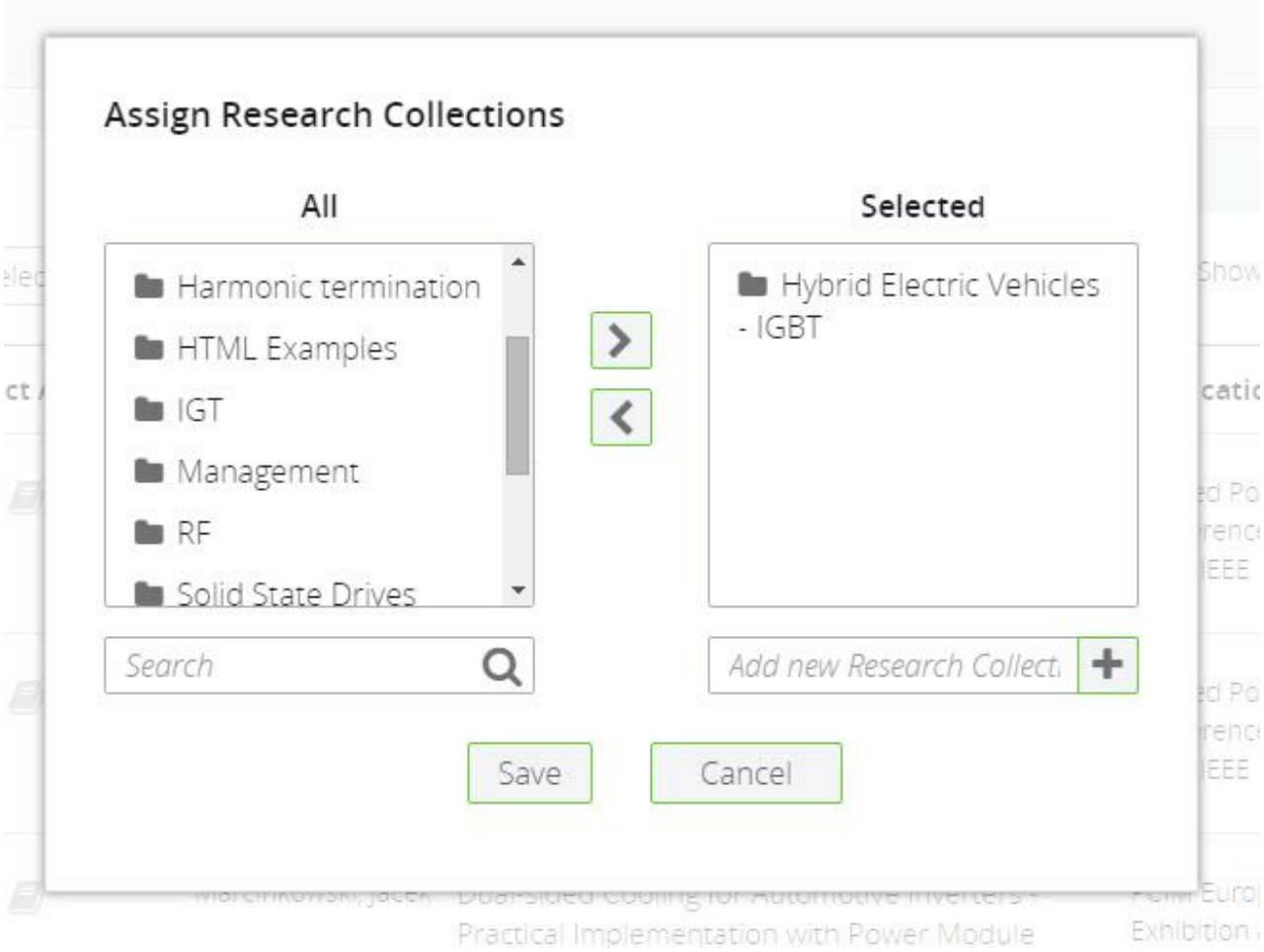

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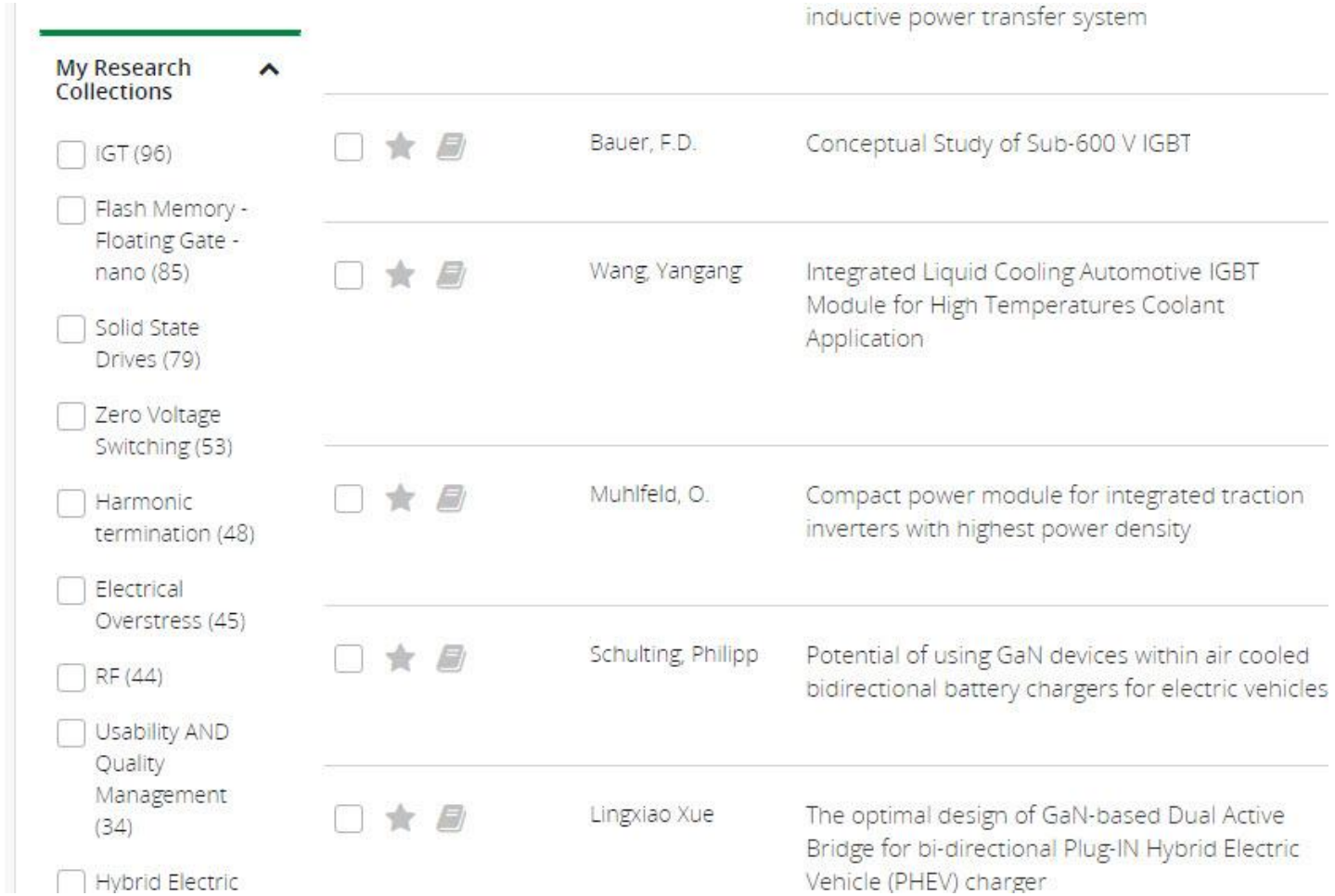

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Prepare

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- Conduct a Literature Review
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- **Gather References & Citations**
- Draft an Outline

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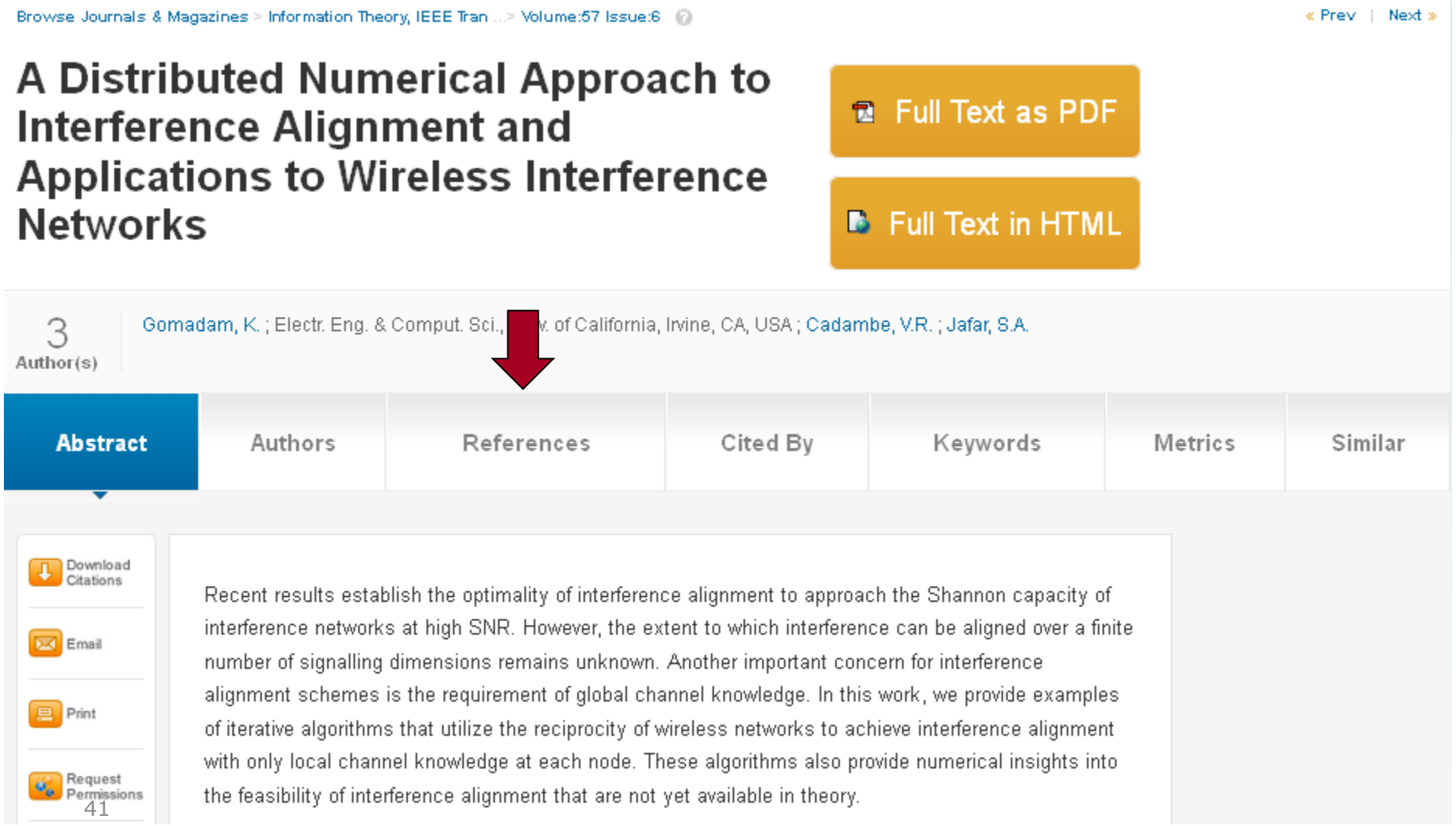

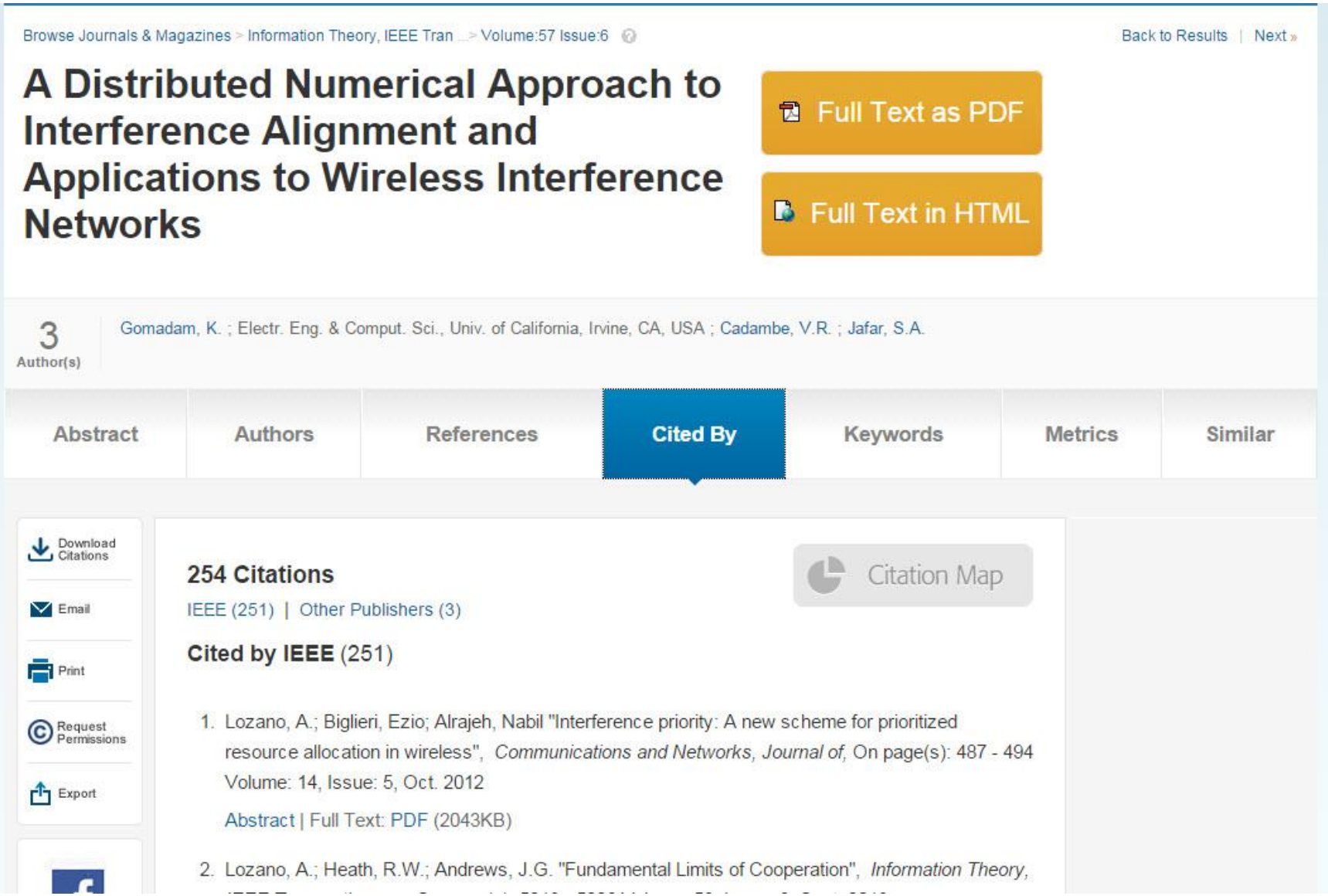

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1. Pereira, Stephanie F. ; Xue, Feng , "WIRELESS NETWORK AND METHOD FOR ADAPTIVE OPPORTUNISTIC CLUSTERING FOR INTERFERENCE ALIGNMENT IN WIRELESS NETWORKS" , Patent No. 8036098

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Inventors:
Pereira, Stephanie F. ; Xue, Feng

Abstract:
Embodiments Of A Central Scheduler And Method For Adaptive Clustering Are Generally Described Herein. In Some Embodiments, A Cluster Of Transmitter-receiver Pairs Is Selected Based On Minimum Singular Values Calculated From Direct Channel Information And The Selected Pairs Are Instructed To Perform An Interference Alignment Technique. </P>

Assignee:
INTEL CORP

Filing Date:
April 20, 2009

Grant Date:
October 11, 2011

Patent Classes:
Current U.S. Class:
370201000, 370208000, 370328000, 370329000

Current International Class:
H04J0011200, H04J0010000, H04W0040000

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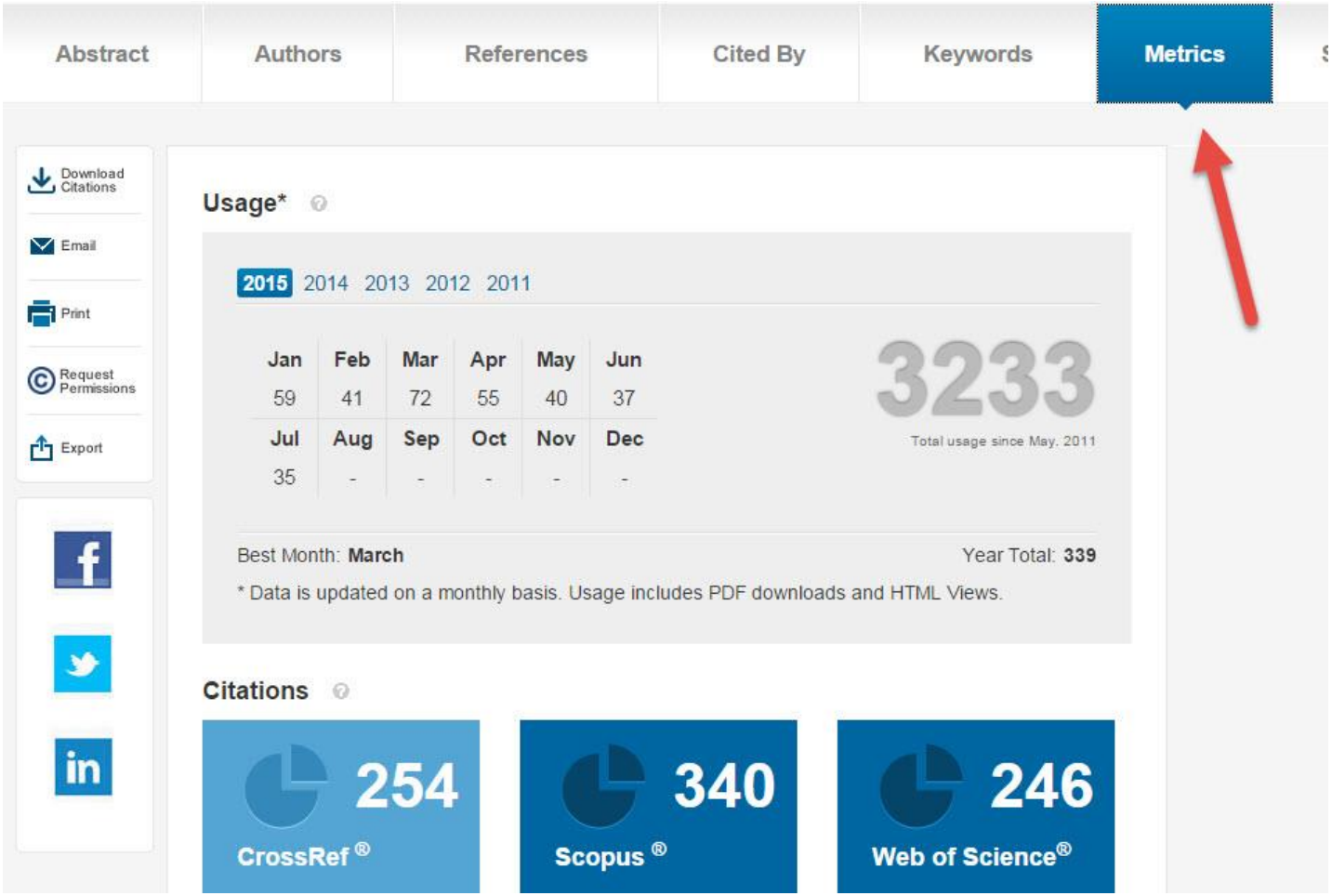

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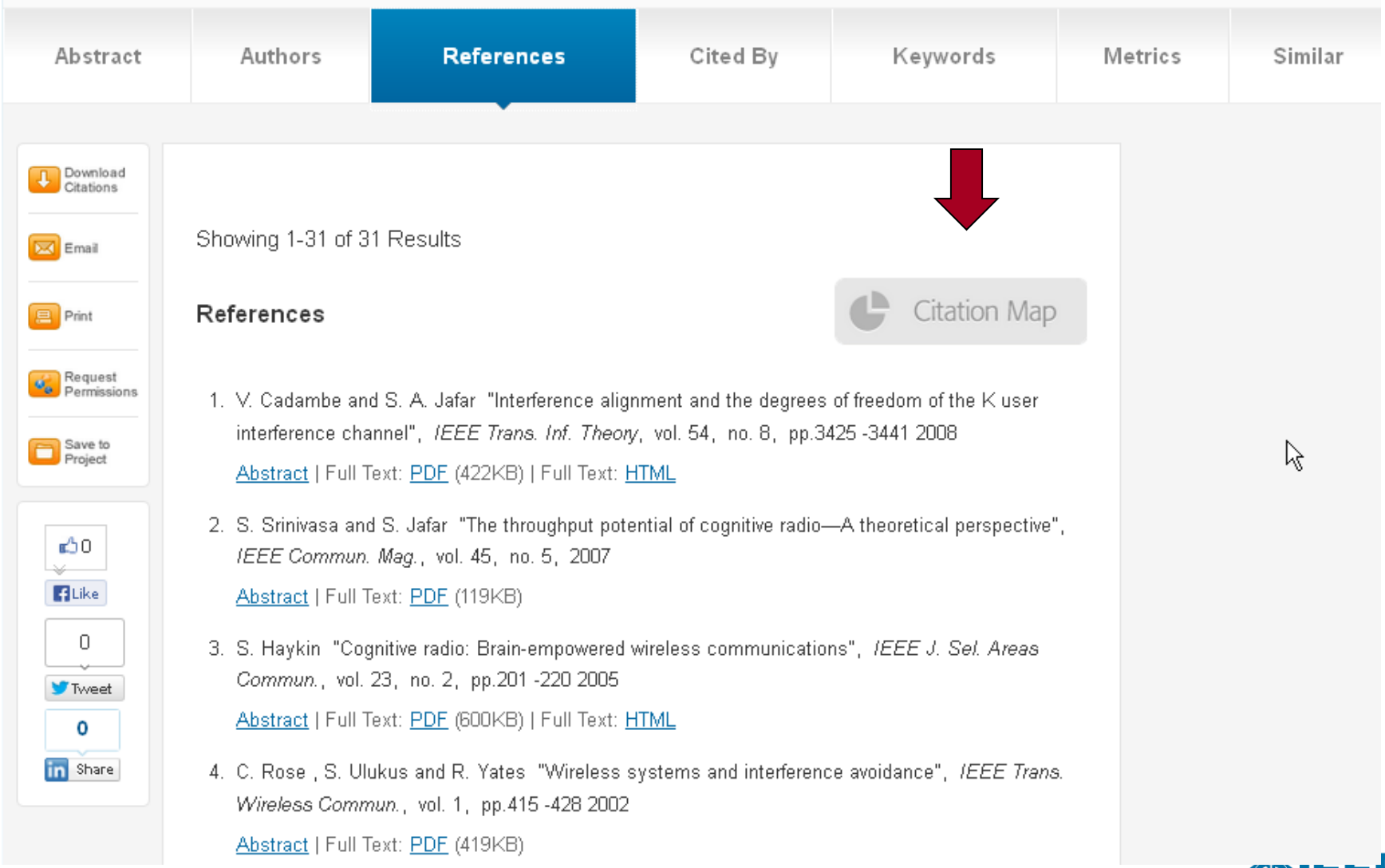

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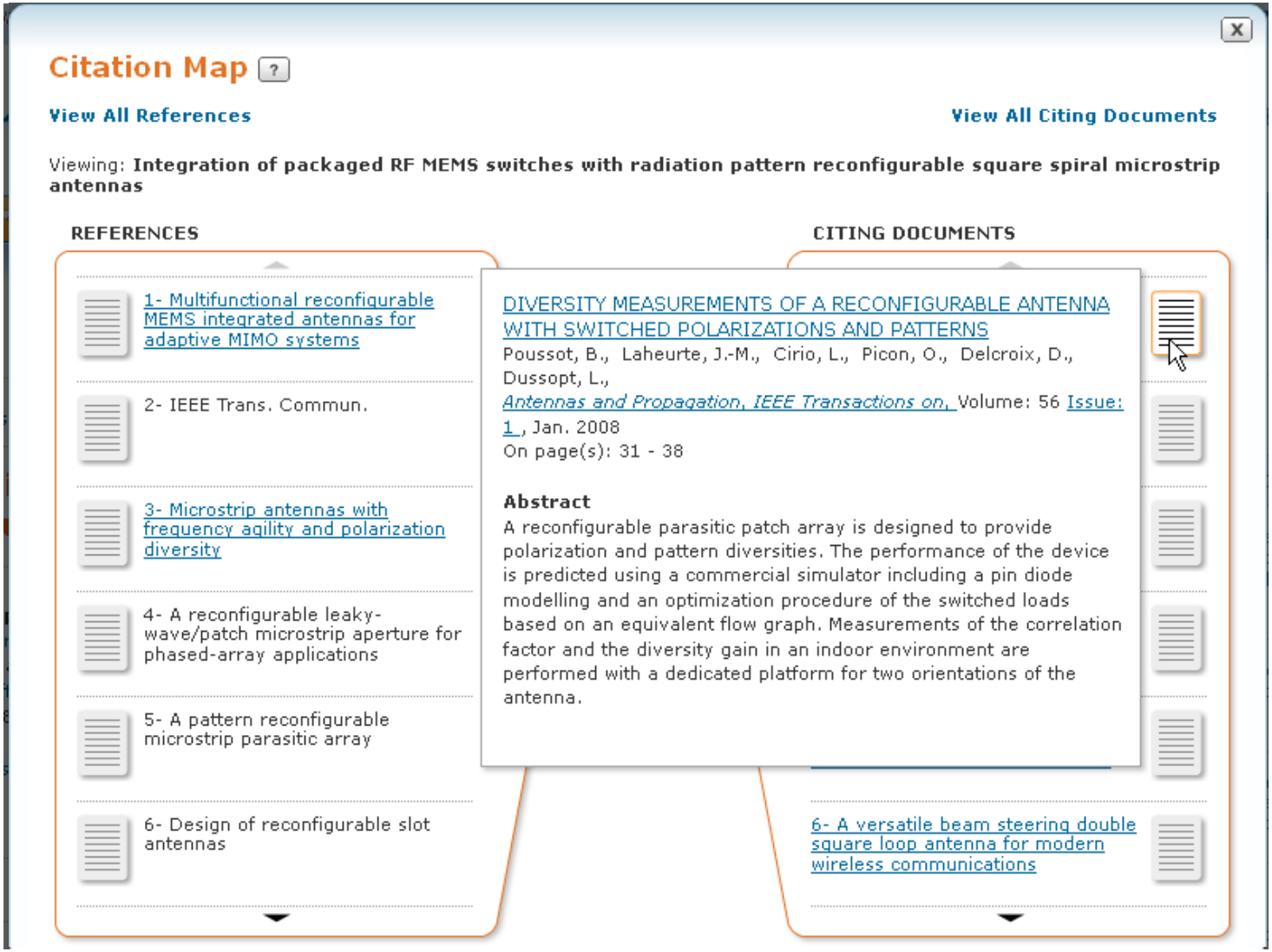

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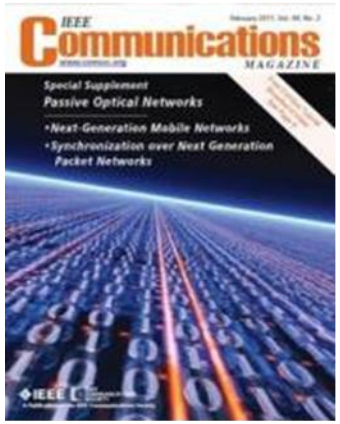

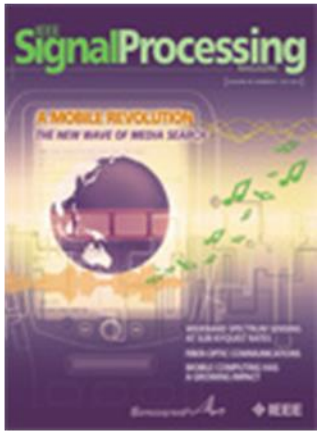

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2.718	0.04492	1.538
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The theory, design and application of Control Systems. It shall encompass components, and the integration of these components, as are necessary for the construction of such systems. The word `systems' as used herein shall be interpreted to include physical, biological, organizational and other entities and combinations thereof, which can be represented through a mathematical symbolism. The Field of Interest: shall include scientific, technical, industrial or other activities that contribute to this field,or utilize the techniques or products of this field, subject, as the art develops, to additions, subtractions, or other modifications directed or approved by the IEEE Technical Activities Board.

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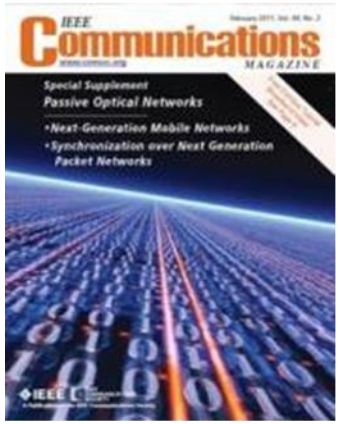

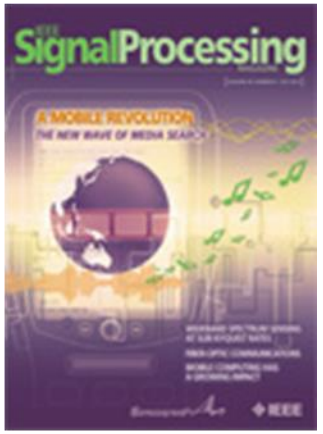

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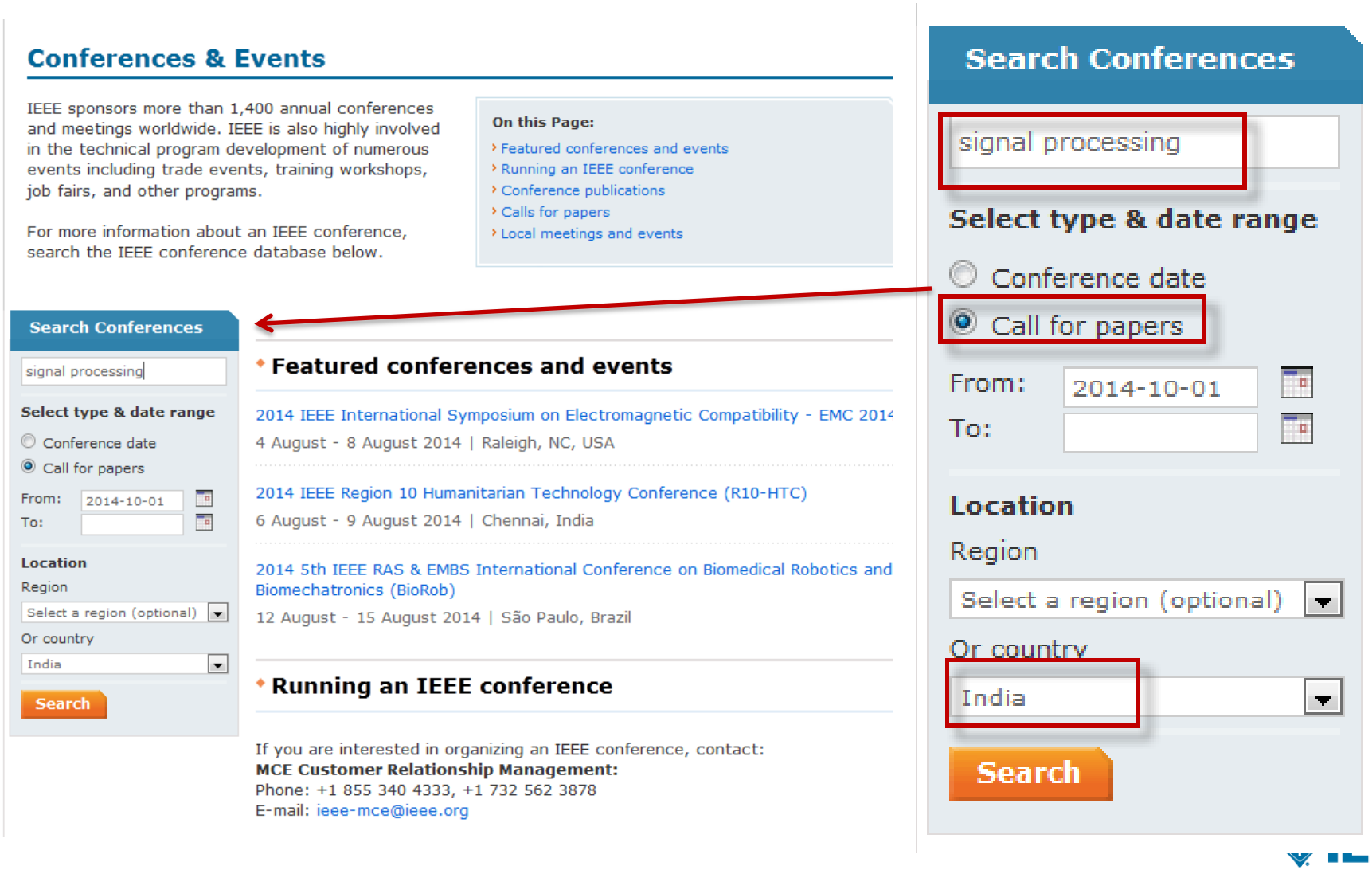

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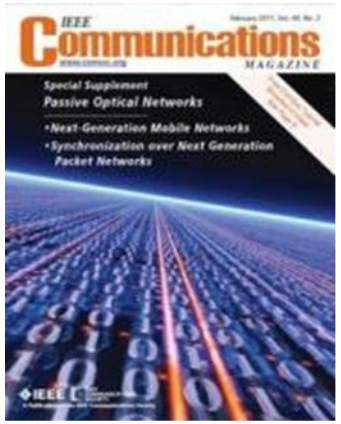

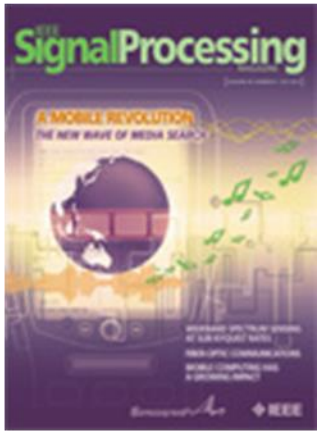

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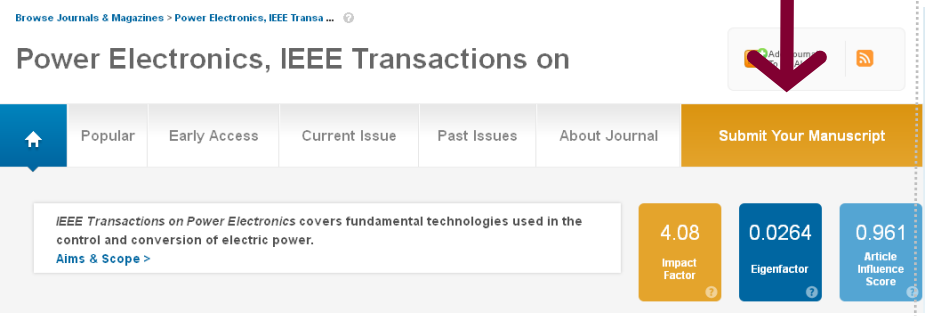

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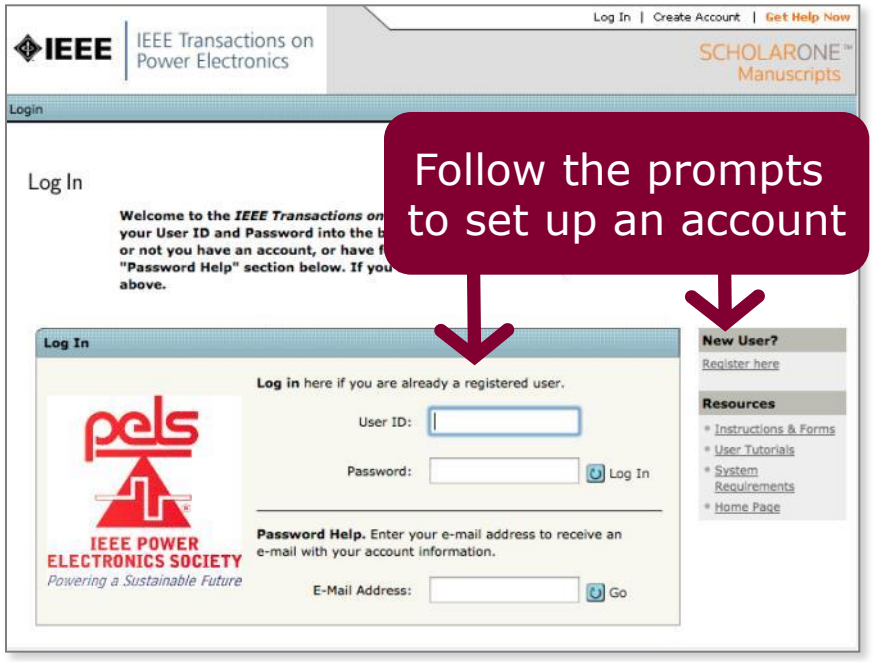

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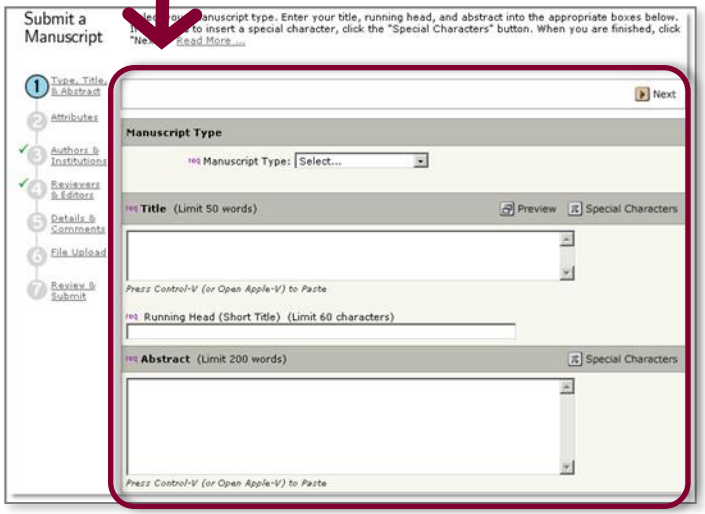

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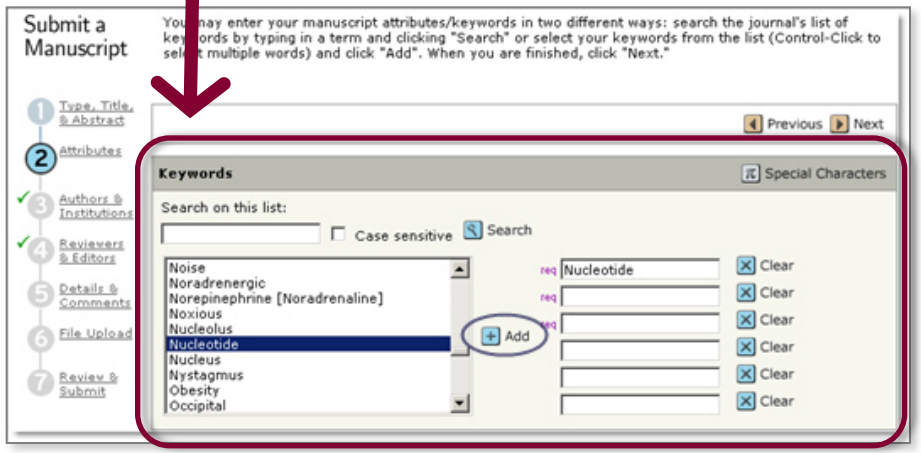

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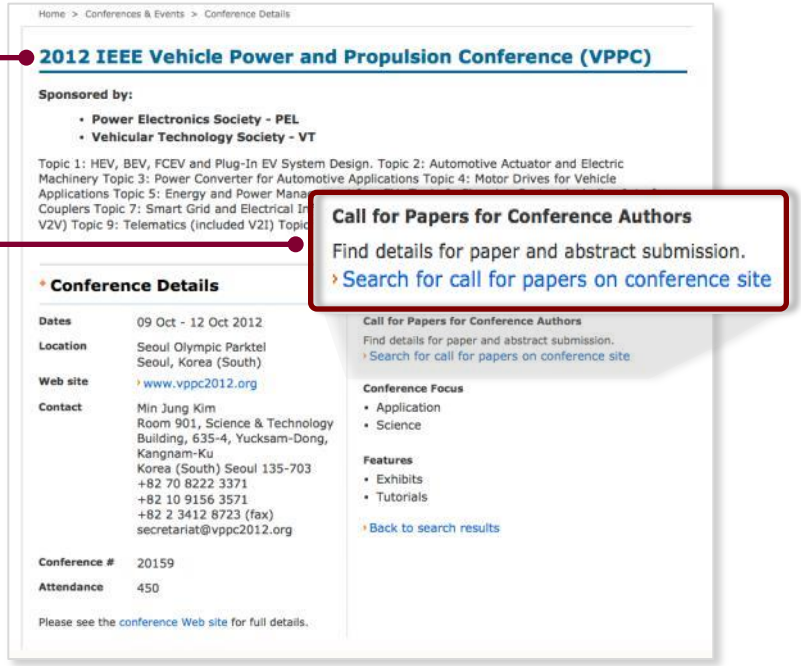

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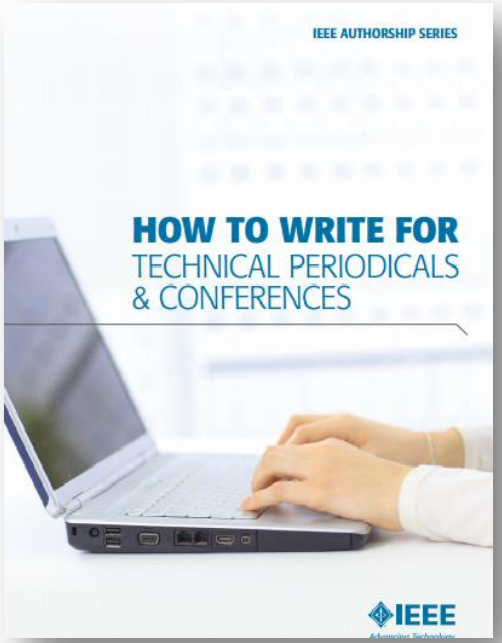

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