

Lecture 6: Finding Research Papers

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EE529: Simulating Wireless Networks.

Need Ideas for Project II?

- Find research papers.
- Published within Journals or Conference proceedings by major publishers: IEEE, Elsevier, Springer, SAGE, Wiley, etc.
- University of Jordan has subscription (fully or partially) to the library offered by above publishers (from inside JU campus):
- IEEE Xplore: <http://ieeexplore.ieee.org>
- Elsevier: <http://www.sciencedirect.com>
- Springer Link: <http://link.springer.com>
- SAGE Publishing: <http://sagepub.com>
- Wiley: <http://onlinelibrary.wiley.com>



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cognitive radio sensing fusion center

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Content Type

- Conference Publications (387)
- Journals & Magazines (107)
- Early Access Articles (7)

Year

Single Year Range

Decentralized cooperative spectrum sensing in cognitive radio without fusion centre

Debashish Bera; Shobhit Maheshwari; Indrajit Chakrabarti; S. S. Pathak
2014 Twentieth National Conference on Communications (NCC)
Year: 2014
Pages: 1 - DOI: 10.1109/NCC.2014.6811322
Cited by: Papers (1)
IEEE Conference Publications

Abstract (html) PDF (17101 Kb)

Performance analysis of the Neyman-Pearson fusion center for spectrum sensing in a Cognitive Radio network

Somayeh Mosleh; Ali Akbar Tadaion; Mostafa Derakhtian
IEEE EUROCON 2009
Year: 2009
Pages: 1420 - 1425, DOI: 10.1109/EURCON.2009.5167826

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cognitive radio cooperative channel assignment Author name Journal or book title Volume Issue Page Advanced search

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Year

- 2017 (21)
- 2016 (60)
- 2015 (61)
- 2014 (65)
- 2013 (69)

Publication title

- Ad Hoc Networks (43)
- Computer Networks (39)
- Computer Communications (35)
- Physical Communication (28)
- Acta Astronautica (23)

Topic

- patient (63)
- channel (38)
- spectrum (35)
- node (30)
- cognitive radio (29)

Content type

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Relevance All access types

An energy efficient Reinforcement Learning based Cooperative Channel Sensing for Cognitive Radio Sensor Networks Original Research Article

Persasive and Mobile Computing, Volume 35, February 2017, Pages 165-184
Ibrahim Mustapha, Borhanuddin M. Ali, A. Sali, M.F.A. Rasid, H. Mohamad
Abstract PDF (1443 K)

Auction-based resource allocation for cooperative cognitive radio networks Original Research Article

Computer Communications, Volume 97, 1, January 2017, Pages 40-51
Xinglong Wang, Liusheng Huang, Hongli Xu, He Huang
Abstract PDF (1447 K)

Distributed MAC protocol for multichannel cognitive radio ad hoc networks based on power control Original Research Article

Computer Communications, In Press, Corrected Proof, Available online 2 January 2017
Chien-Min Wu, Chih-Pin Lo
Abstract PDF (2297 K) Supplementary content

Optimal routing with scheduling and channel assignment in multi-power multi-radio wireless sensor networks Original Research Article

Ad Hoc Networks, Volume 31, August 2015, Pages 45-62
Jinbao Li, Xiaohang Guo, Longjiang Guo, Shouling Ji, Meng Han, Zhipeng Cai
Abstract PDF (2782 K)

Slow hopping based cooperative sensing MAC protocol for cognitive radio networks Original Research Article

Computer Networks, Volume 62, 7 April 2014, Pages 12-26
Yoh-han Lee, Daeyoung Kim

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Springer Link

CRN cluster spectrum assignment

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227 Result(s) for 'CRN cluster spectrum assignment' within Article

Sort By: Relevance | Date Published | Page 1 of 12

Content Type
Article

Discipline *see all*

Chemistry	79
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Materials	46
Life Sciences	37
Engineering	36

Subdiscipline *see all*

Physical Chemistry	51
Inorganic Chemistry	43
Biochemistry & Biophysics	27
Internal	23
Particle and Nuclear Physics	23

Language

Article
Cognitive Radio Ad-Hoc Network Architectures: A Survey
Combating the growing necessity of radio spectrum, which is a limited natural resource, proper utilization of the radio spectrum is a must. Cognitive radio network (CRN) plays a vibrant role to solve this spec...
Nafees Mansoor, A. K. M. Muzahidul Islam, Mahdi Zareei... in *Wireless Personal Communications (2015)*
» Download PDF (1758 KB) » View Article

Article
A survey of clustering algorithms for cognitive radio ad hoc networks
The dynamic spectrum nature of cognitive radio challenges the connectivity and the stability of cognitive radio ad hoc networks (CRAHNs). Clustering is considered as an appropriate technique to overcome these ...
Mahassin Mohamed Ahmed Osman, Sharifah Kamilah Syed-Yusof... in *Wireless Networks (2016)*
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Article
Worst subcarrier avoiding water-filling subcarrier allocation scheme for OFDM-based CRN
Efficient and reliable subcarrier power joint allocation is essential as a promising problem in cognitive OFDM...

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There are 8762 results for: *cognitive radio distributed*

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Evolution and future trends of research in cognitive radio: a contemporary survey
WIRELESS COMMUNICATIONS AND MOBILE COMPUTING
Volume 15, Issue 11, 10 August 2015, Pages: 1520–1564, Ekram Hossain, Dusit Niyato and Dong In Kim
Version of Record online: 7 OCT 2015, DOI: 10.1002/wcm.2443
Abstract | Article | PDF(1095K) | References | Request Permissions

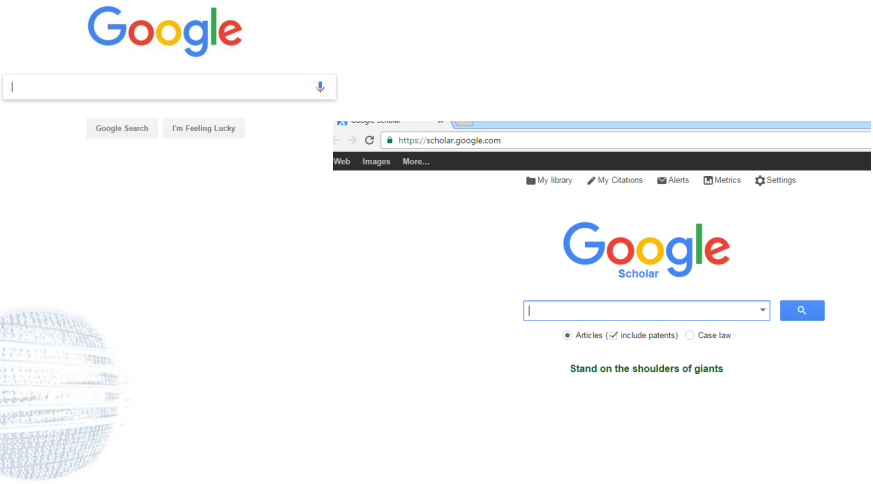
References
COGNITIVE RADIO COMMUNICATIONS AND NETWORKING: PRINCIPLES AND PRACTICE
Robert C. Qiu, Zhen Hu, Husheng Li, Michael C. Wicks, Pages: 453–510, 2012
Published Online: 23 AUG 2012, DOI: 10.1002/9781118376270.refs
Summary | PDF(305K) | References | Request Permissions

A survey on the channel assignment problem in wireless networks
WIRELESS COMMUNICATIONS AND MOBILE COMPUTING
Volume 11, Issue 5, May 2011, Pages: 583–609, Goutam K. Audhya, Koushik Sinha, Sasthi C. Ghosh and Bhabani P. Sinha
Version of Record online: 1 MAR 2010, DOI: 10.1002/wcm.898
Abstract | Article | PDF(301K) | References | Request Permissions

On detecting termination in cognitive radio networks
INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT
Volume 24, Issue 6, November/December 2014, Pages: 499–527, Shantanu Sharma and Awadhesh Kumar Singh
Version of Record online: 29 OCT 2014, DOI: 10.1002/ijnm.1870
Abstract | Article | PDF(2830K) | References | Request Permissions

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Keyword are Essential!



The image shows two search engine interfaces side-by-side. On the left is the standard Google homepage with the multi-colored logo, a search bar, and buttons for 'Google Search' and 'I'm Feeling Lucky'. On the right is the Google Scholar homepage, also with the multi-colored logo, a search bar, and a 'Search' button. Below the search bar on the right are radio buttons for 'Articles (checked)', 'include patents', and 'Case law'. The slogan 'Stand on the shoulders of giants' is visible below the search bar on the right. A small globe icon is on the left side of the slide.

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Process...

- Find at least 20 papers per team using proper keywords.
- Read only the Abstract, Introduction, and Conclusions.
- Decide if it is within the topic you want.
- Reduce the number into 2 or 3 papers: At least one of them should be a Journal paper.
- Read them carefully.
- Think **NEW** ideas or extend previous ones.
- Discuss your ideas with your team members, but **NOT** other teams.