

IEEE TRANSACTIONS ON COGNITIVE COMMUNICATIONS AND NETWORKING

A PUBLICATION OF
THE IEEE COMMUNICATIONS SOCIETY
THE IEEE SIGNAL PROCESSING SOCIETY
THE IEEE COMPUTER SOCIETY



DECEMBER 2016

VOLUME 2

NUMBER 4

ITCCG7

(ISSN 2332-7731)

WATCH: WiFi in Active TV Channels	Xu Zhang and Edward W. Knightly	330
Cooperative Estimation of Power and Direction of Transmission for a Directive Source	Sina Maleki, Philippe Ciblat, Symeon Chatzinotas, Bhavani Shankar M. R., and Björn Ottersten	343
Multiple Transmitter Localization and Whitespace Identification Using Randomly Deployed Binary Sensors	Rahul Vaze and Chandra R. Murthy	358
An Adaptive Subcarrier Sharing Scheme for OFDM-Based Cooperative Cognitive Radios	Naveen Gupta and Vivek Ashok Bohara	370
Cognitive Radio Algorithms Coexisting in a Network: Performance and Parameter Sensitivity	Andrea Hess, Francesco Malandrino, Nicholas J. Kaminski, Tri Kurniawan Wijaya, and Luiz A. DaSilva	381
Energy-Aware Scheduling for Multi-Hop Cognitive Radio Networks	Jinlin Peng, Hao Yue, Kaiping Xue, Ying Luo, Peilin Hong, and Yuguang Fang	397
An Online Admission Control Algorithm for Dynamic Traffic in Underlay Coexistence Paradigm	Xu Yuan, Xiaoqi Qin, Feng Tian, Brian Jalaian, Yi Shi, Y. Thomas Hou, Wenjing Lou, and Wade Trappe	411
An Extensible and Flexible Truthful Auction Framework for Heterogeneous Spectrum Markets	Wei Li, Jiguo Yu, Xiuzhen Cheng, Rongfang Bie, and Feng Zhao	427
2016 INDEX		442
