**≡** Menu

Q Search

Cart



### Wireless Networks

The Journal of Mobile Communication, Computation and Information

Wireless Networks > Volumes and issues > Volume 26, issue 1

Search within journal

### Volume 26, issue 1, January 2020

50 articles in this issue

#### <u>Techno-economic comparison of MIMO and DAS</u> <u>cost models in 5G networks</u>

Christos Bouras, Stylianos Kokkalis ... Andreas Papazois

OriginalPaper | Published: 27 June 2018 | Pages: 1 - 15



### Efficient receiver-based flooding in mobile ad hoc networks

Xin Bai, Xiaohui Wei & Sen Bai

OriginalPaper | Published: 27 June 2018

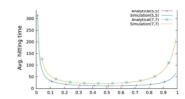
Pages: 17 - 31

#### rithm 1: Receiver-based flooding

act information from the received message has been received before then lrop the message

et a defer timer e defer timer expires then lecides whether or not to forward the mess

# Autonomous allocation of wireless body-sensor networks to frequency channels: modeling with repeated "balls-in-bins" experiments

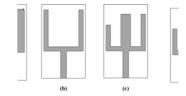


Andreas Willig

OriginalPaper | Published: 28 June 2018

Pages: 33 - 50

## Asymmetric U-shaped printed monopole antenna embedded with T-shaped strip for bluetooth, WLAN/WiMAX applications



Rakesh Nath Tiwari, Prabhakar Singh & Binod Kumar Kanaujia

OriginalPaper | Published: 28 June 2018

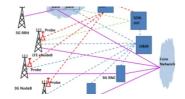
Pages: 51 - 61

## SDN assisted self organizing network architecture for multi-RAT networks and mobility prediction



OriginalPaper | Published: 28 June 2018

Pages: 63 - 80

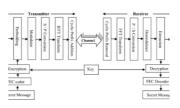


# Covert communication integrates into wavelet packet transform OFDM system over Rayleigh fading channel



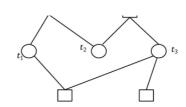
OriginalPaper | Published: 29 June 2018 |

Pages: 81 - 89



#### <u>Lifetime optimization of wireless sensor networks</u> with sleep mode energy consumption of sensor nodes

Diane Tchuani Tchakonté, Emmanuel Simeu & Maurice Tchuente



OriginalPaper | Published: 04 July 2018

Pages: 91 - 100

## Joint optimization of channel allocation and power control for cognitive radio networks with multiple constraints

Xiaoli He, Hong Jiang ... QiuYun Zhang

OriginalPaper | Published: 05 July 2018

Pages: 101 - 120

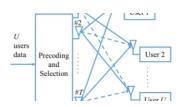


## A projected fast ISTA algorithm for joint beam forming and antenna selection in massive MIMO

Karim H. Moussa & Said E. El-Khamy

OriginalPaper | Published: 06 July 2018

Pages: 121 - 127

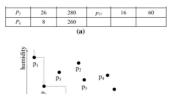


#### <u>G-skyline query over data stream in wireless sensor</u> <u>network</u>

Leigang Dong, Guohua Liu ... Tianyu Li

OriginalPaper | Open Access

Published: 09 July 2018 | Pages: 129 - 144



#### <u>Data broadcasting strategies for cognitive radio</u> <u>based AMI networks</u>

Athar Ali Khan, Muneeb Ul Hassan ... Xiaodong Yang

OriginalPaper | Published: 11 July 2018

Pages: 145 - 164



### WOA-NN: a decision algorithm for vertical handover in heterogeneous networks

Divya Parambanchary & V. Malleswara Rao



OriginalPaper | Published: 11 July 2018

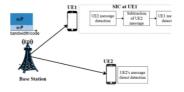
Pages: 165 - 180

#### <u>Power-domain non orthogonal multiple access</u> (<u>PD-NOMA</u>) in cooperative networks: an overview

Mahrukh Liaqat, Kamarul Ariffin Noordin ... Kaharudin Dimyati

OriginalPaper | Published: 30 July 2018

Pages: 181 - 203

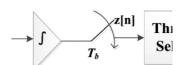


## <u>An improved method for TOA analysis in MMW</u> <u>systems</u>

Xiaolin Liang, Tingting Lv & Hao Zhang

OriginalPaper | Published: 31 July 2018

Pages: 205 - 214

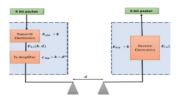


## Optimized and load balanced clustering for wireless sensor networks to increase the lifetime of WSN using MADM approaches

Prince Rajpoot & Pragya Dwivedi

OriginalPaper | Published: 09 August 2018

Pages: 215 - 251

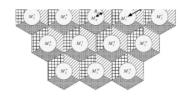


## Energy-spectral efficient resource allocation and power control in heterogeneous networks with D2D communication

Azadeh Khazali, Sima Sobhi-Givi ... Mahrokh G. Shayesteh

OriginalPaper | Published: 09 August 2018

Pages: 253 - 267

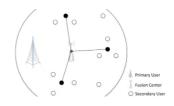


## A novel node selection scheme for energy-efficient cooperative spectrum sensing using D–S theory

Zilong Jin & Yu Qiao

OriginalPaper | Published: 11 August 2018

Pages: 269 - 281

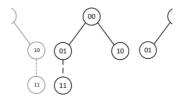


### FTR: features tree based routing in mobile social networks

Elnaz Nasiri & Nahideh Derakhshanfard

OriginalPaper | Published: 13 August 2018

Pages: 283 - 291

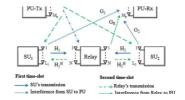


#### <u>Design of energy-efficient precoders in MIMO</u> <u>cognitive two-way relay network</u>

Shikha Maurya & Matadeen Bansal

OriginalPaper | Published: 14 August 2018 |

Pages: 293 - 305

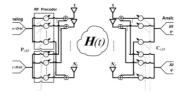


## Mono-bit millimeter-wave channel estimation: Bayesian and adaptive quantization frameworks

Majid Shakhsi Dastgahian & Hossein Khoshbin

OriginalPaper | Published: 16 August 2018

Pages: 307 - 324

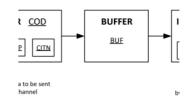


#### A Time Quanta Bit coding method

Vladimír Šulc, Radek Kuchta ... Zdenka Kuchtová

OriginalPaper | Published: 21 August 2018 |

Pages: 325 - 332

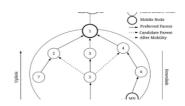


### Enhanced mobility routing protocol for wireless sensor network

Shridhar Sanshi & C. D. Jaidhar

OriginalPaper | Published: 22 August 2018 |

Pages: 333 - 347

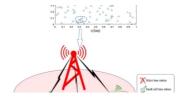


## 5G-ZOOM-Game: small cell zooming using weighted majority cooperative game for energy efficient 5G mobile network

Subha Ghosh, Debashis De ... Anwesha Mukherjee

OriginalPaper | Published: 23 August 2018 |

Pages: 349 - 372



#### <u>D2D pervasive communication system with out-of-</u> band control autonomous to 5G networks

Charles T. B. Garrocho, Maurício J. da Silva & Ricardo A. R. Oliveira

OriginalPaper | Published: 23 August 2018

Pages: 373 - 386



### A network selection method for handover in vehicle-to-infrastructure communications in multitier networks

Emmanuel Ndashimye, Nurul I. Sarkar & Sayan Kumar Ray

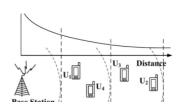
OriginalPaper | Published: 24 August 2018

Pages: 387 - 401



# A cross layer framework of Radio Resource Allocation for QoS provisioning in multi-channel fading wireless networks

Basabdatta Palit & Suvra Sekhar Das



OriginalPaper | Published: 27 August 2018

Pages: 403 - 419

#### <u>UMKESS: user-oriented multi-group key establishments using secret sharing</u>

Ching-Fang Hsu, Lein Harn & Bing Zeng

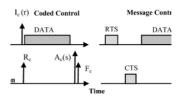
OriginalPaper | Published: 31 August 2018 | Pages: 421 - 430

## <u>Spectrum harvesting for heterogeneous wireless</u> <u>networks integration</u>

Samir Gourdache, Azeddine Bilami & Kamel Barka

OriginalPaper Published: 03 September 2018

Pages: 431 - 447

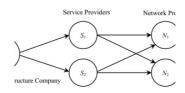


# A Nash–Stackelberg equilibrium model for internet and network service providers in the demand market—a scenario-based approach

Mehdi Mohamadi & Aram Bahrini

OriginalPaper | Published: 03 October 2019

Pages: 449 - 461

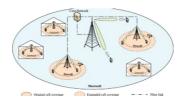


#### <u>Performance analysis for 5G beamforming</u> <u>heterogeneous networks</u>

Yi Xie, Bo Li ... Mao Yang

OriginalPaper | Published: 11 October 2018

Pages: 463 - 477



#### <u>Heuristic data dissemination for mobile sink</u> <u>networks</u>

Hassan Kuhlani, Xingfu Wang ... Omar Busaileh

OriginalPaper | Published: 01 October 2019

Pages: 479 - 493

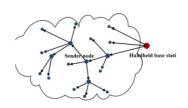


### <u>Simulated annealing-based reprogramming</u> scheme of wireless sensor nodes

Zhangling Duan, Xing Wei ... Lei Shi

OriginalPaper | Published: 05 October 2019

Pages: 495 - 505

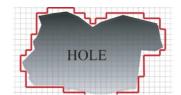


## An energy-aware and load balanced distributed geographic routing algorithm for wireless sensor networks with dynamic hole

Parham Hadikhani, Mohammadreza Eslaminejad ... Elmira Ashoor Mahani

OriginalPaper | Published: 09 October 2019

Pages: 507 - 519

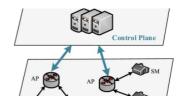


## Cost-efficient approximation algorithm for aggregation points planning in smart grid communications

Yue Li, Tianyu Wang & Shaowei Wang

OriginalPaper | Published: 11 October 2019

Pages: 521 - 530

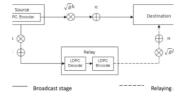


# <u>Variable Global Optimization min-sum (VGOMS)</u> <u>algorithm of decode-and-forward protocol for the relay node in the cooperative channel</u>

Jamaah Suud, Hushairi Zen ... Khairuddin Ab. Hamid

OriginalPaper | Published: 16 October 2019

Pages: 531 - 541



#### <u>Mobility management using dynamic cross-layer</u> <u>signaling in heterogeneous wireless networks</u>

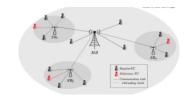
Fatma A. Al Emam, Mohamed E. Nasr & Sherif E. Kishk



OriginalPaper Published: 16 October 2019

Pages: 543 - 555

A Bayesian game model and network availability model for small cells under denial of service (DoS) attack in 5G wireless communication network



K. C. Lalropuia & Vandana Gupta

OriginalPaper | Published: 19 October 2019

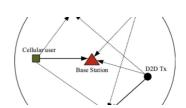
Pages: 557 - 572

## Outage probability and ergodic channel capacity of underlay device-to-device communications over $\kappa - \mu$ shadowed fading channels



OriginalPaper | Published: 19 October 2019

Pages: 573 - 582

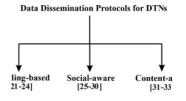


#### A peer-to-peer communication based content distribution protocol for incentive-aware delay tolerant networks

Abdul Haq & Yasir Faheem

OriginalPaper | Published: 25 October 2019

Pages: 583 - 601

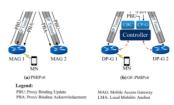


#### <u>Design and experimental evaluation of OnDemand</u> <u>inter-domain mobility in SDN supported PMIPv6</u>

Syed M. Raza, Pankaj Thorat ... Hyunseung Choo

OriginalPaper | Published: 25 October 2019

Pages: 603 - 620



### A hybrid approach for the optimization of quality of service metrics of WSN

Shalli Rani, M. Balasaraswathi ... Vigneswaran Dhasarathan

OriginalPaper | Published: 25 October 2019

Pages: 621 - 638

9. Mats,  $\omega_{ij}$  // Hope = 0.0 Mats,  $\omega_{ij}$  // Hope = 0.

10. Mats,  $\omega_{ij}$  // Hope = 0.2 Mats,  $\omega_{ij}$  // Hope = 0.

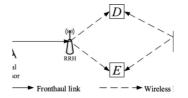
10. Hope | 1.0 Mats,  $\omega_{ij}$  // Hope

### Resource allocation on secrecy energy efficiency for C-RAN with artificial noise

Lingquan Meng, Qingran Wang ... Kang Song

OriginalPaper Published: 26 October 2019

Pages: 639 - 650

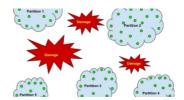


## <u>Adaptive cluster-based relay-node placement for disjoint wireless sensor networks</u>

Ramesh Kumar & Tarachand Amgoth

OriginalPaper | Published: 30 October 2019

Pages: 651 - 666



## A Game-theoretic analysis on the economic viability of mobile content pre-staging

Zhen Li, Qi Liao & Aaron D. Striegel

OriginalPaper | Published: 01 November 2019

Pages: 667 - 683

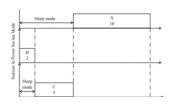


#### Energy efficient scheduling in local area networks

Mohamed Hisham, Ahmed Elmogy ... Alsayed Sallam

OriginalPaper | Published: 01 November 2019

Pages: 685 - 698

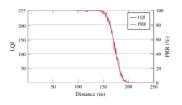


## <u>Design and evaluation of an LQI-based beaconless</u> routing protocol for a heterogeneous MSN

Muhammad Taufiq Nuruzzaman & Huei-Wen Ferng

OriginalPaper | Published: 01 November 2019

Pages: 699 - 721

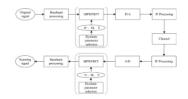


### Anti-scanning research for MPWFRFT communication signals

Fang Liu & Yongxin Feng

OriginalPaper | Published: 05 November 2019

Pages: 723 - 737

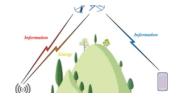


## <u>Trajectory optimization and resource allocation for UAV-assisted relaying communications</u>

Bin Liu, Qi Zhu & Hongbo Zhu

OriginalPaper | Published: 06 November 2019

Pages: 739 - 749

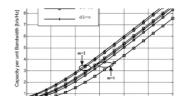


#### Performance analysis of maximal ratio transmission with receiver antenna selection over correlated Nakagami-m fading channels

Sudakar Singh Chauhan & Sanjay Kumar

OriginalPaper | Published: 06 November 2019

Pages: 751 - 758



## <u>Intelligent framework for radio access network</u> <u>design</u>

Taras Maksymyuk, Eugen Šlapak ... Juraj Gazda

OriginalPaper | Published: 08 November 2019

Pages: 759 - 774



#### For authors

Submission guidelines

Language editing services

**Ethics & disclosures** 

Open Access fees and funding

Contact the journal

Submit manuscript



#### Working on a manuscript?

Avoid the most common mistakes and prepare your manuscript for journal editors.

<u>Learn more</u> →

### **Explore**

Online first articles

Volumes and issues

Sign up for alerts