≡ Menu

Q Search

🗀 Cart



Wireless Networks

The Journal of Mobile Communication, Computation and Information

<u>Wireless Networks</u> > <u>Volumes and issues</u> > Volume 28, issue 2

Search within journal

Volume 28, issue 2, February 2022

Special Issue on Innovations in ICT, Management, Industrial and Materials Engineering (pp. 853-913) and Special Issue on Cognitive Computing for Web Applications (pp. 915-989)

Issue editors

Lucia Knapcikova, Dragan Perakovic & Huimin Lu

31 articles in this issue

DCBuf: a high-performance wireless network-onchip architecture with distributed wireless interconnects and centralized buffer sharing

Chenglong Sun, Yiming Ouyang & Yingchun Lu

Original Paper | Published: 11 January 2022

Pages: 505 - 520

An overlapping routing approach for sending data from things to the cloud inspired by fog technology in the large-scale IoT ecosystem





Mohammad Reza Akbari, Hamid Barati & Ali Barati

Original Paper | Published: 11 January 2022 |

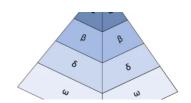
Pages: 521 - 538

WSN node location based on beetle antennae search to improve the gray wolf algorithm

Xiu-wu Yu, Lu-ping Huang ... Ying Li

Original Paper | Published: 12 January 2022

Pages: 539 - 549

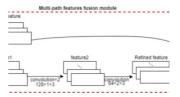


<u>Towards recurrent neural network with multi-path</u> <u>feature fusion for signal modulation recognition</u>

Zihang Lei, Mengxi Jiang ... Qiubo Ye

Original Paper | Published: 12 January 2022

Pages: 551 - 565

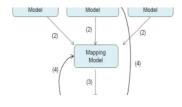


A model based process for reconfigurable wireless sensor network development

Raoudha Saida, Yessine Hadj Kacem ... Mohamed Abid

Original Paper | Published: 13 January 2022

Pages: 567 - 585



Reducing download delay for cooperative caching in small cell network

Yu-Ting Wang, Yun-Zhan Cai ... Meng-Hsun Tsai

Original Paper | Published: 14 January 2022

Pages: 587 - 602





<u>Data acquisition in large-scale wireless sensor</u> <u>networks using multiple mobile sinks: a</u> <u>hierarchical clustering approach</u>



Madana Srinivas & Tarachand Amgoth

Original Paper | Published: 15 January 2022

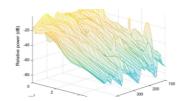
Pages: 603 - 619

A novel real-time channel prediction algorithm in high-speed scenario using convolutional neural network

Lei Xiong, Zhengyu Zhang & Dongpin Yao

Original Paper | Published: 17 January 2022

Pages: 621 - 634



<u>A survey of application research based on</u> <u>blockchain smart contract</u>

Shi-Yi Lin, Lei Zhang ... Yue Sun

Original Paper | Published: 17 January 2022

Pages: 635 - 690

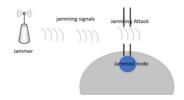


<u>An adaptive anti-jamming system in HyperLedger-</u> based wireless sensor networks

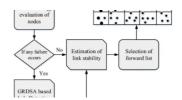
Bacem Mbarek, Mouzhi Ge & Tomáš Pitner

Original Paper | Published: 20 January 2022

Pages: 691 - 703



An intelligent coverage optimization and linkstability routing for energy efficient wireless sensor network



Swati Juneja, Karamjit Kaur & Hardeep Singh

Original Paper | Published: 21 January 2022

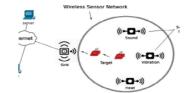
Pages: 705 - 719

An enhanced Grey Wolf Optimizer based Particle Swarm Optimizer for intrusion detection system in wireless sensor networks

Mohammed Otair, Osama Talab Ibrahim ... Putra Sumari

Original Paper | Published: 27 January 2022

Pages: 721 - 744



<u>An improved anonymous DoS-resistant</u> <u>authentication protocol in smart city</u>

Rui Chen, Yongcong Mou & Min Zhang

Original Paper | Published: 27 January 2022

Pages: 745 - 763



<u>Joint optimization strategy of heterogeneous</u> resources in multi-MEC-server vehicular network

Haibo Zhang, Ziqi Liu ... Yunfei Xu

Original Paper | Published: 27 January 2022

Pages: 765 - 778



<u>A simple R-UAV permission-based distributed</u> mutual exclusion in FANET

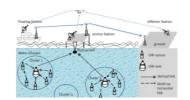
Ashish Singh Parihar & Swarnendu Kumar Chakraborty

Original Paper | Published: 29 January 2022

Pages: 779 - 795



Routing protocols classification for underwater wireless sensor networks based on localization and **mobility**



A. S. Ismail, XingFu Wang ... Samah Abdel Aziz

Original Paper | Published: 29 January 2022

Pages: 797 - 826

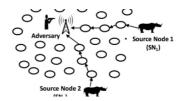
A source location privacy preservation scheme in WSN-assisted IoT network by randomized ring and confounding transmission



Anurag Shukla, Deepak Singh ... Ajit Kumar

Original Paper | Published: 01 February 2022

Pages: 827 - 852



Innovations in ICT, management, industrial and materials engineering

Lucia Knapcikova & Dragan Peraković

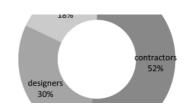
Guest Editorial Published: 02 December 2021 Pages: 853 - 854

Use of BIM technology and impact on productivity in construction project management

Peter Mesároš, Tomáš Mandičák & Annamária Behúnová

OriginalPaper | Published: 16 March 2020

Pages: 855 - 862

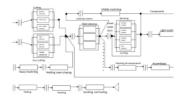


Case study: the simulation modeling to improve the efficiency and performance of production process

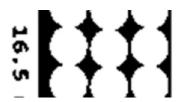
Andrea Rosova, Marcel Behun ... Marian Sofranko

OriginalPaper | Published: 05 May 2020 |

Pages: 863 - 872



Software system design for solution of effective material layout for the needs of production and logistics



Martin Straka & Martin Hricko

OriginalPaper | Published: 13 February 2020

Pages: 873 - 882

Roadmap to an adaptive assembly line for e-axles

Muaaz Abdul Hadi, Markus Brillinger ... Martin Weinzerl

OriginalPaper Open Access

Published: 15 May 2020 | Pages: 883 - 891



<u>Application of AHP method for project selection in</u> <u>the context of sustainable development</u>

Lukáš Jurík, Natália Horňáková ... Jozef Sablik

OriginalPaper | Published: 08 April 2020 |

Pages: 893 - 902

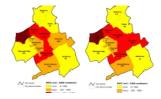


<u>Development of retail network on the example of</u> <u>three regional towns comparison in West Slovakia</u>

Miroslava Trembošová, Alena Dubcová ... Dagmar Cagáňová

OriginalPaper | Published: 15 February 2020

Pages: 903 - 913



Guest Editorial: Special issue on Cognitive computing for web applications

Huimin Lu

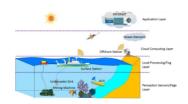
Guest Editorial | Published: 02 December 2021 | Pages: 915 - 915

<u>Cognitive ocean of things: a comprehensive review</u> and future trends

Yujie Li, Shinya Takahashi & Seiichi Serikawa

OriginalPaper | Published: 29 January 2019

Pages: 917 - 926



<u>Double-Blinded Finder: a two-side secure children</u> <u>face recognition system</u>

Xin Jin, Jicheng Lei ... Chuanqiang Wu

OriginalPaper | Published: 03 December 2019

Pages: 927 - 936



<u>BlackEye: automatic IP blacklisting using machine</u> <u>learning from security logs</u>

Dooyong Jeon & Byungchul Tak

OriginalPaper | Published: 03 December 2019 |

Pages: 937 - 948

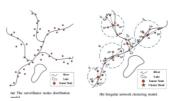


<u>An improved intelligent clustering algorithm for irregular wireless network</u>

Xiang Hua, Zhaoxin Dong ... Hongtao Liang

OriginalPaper | Published: 02 January 2020 |

Pages: 949 - 963

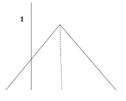


<u>A fuzzy-clustering based approach for MADM</u> <u>handover in 5G ultra-dense networks</u>

Qianyu Liu, Chiew Foong Kwong ... Jing Wang

OriginalPaper | Published: 07 September 2019

Pages: 965 - 978

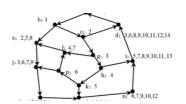


<u>A heuristic search algorithm for Hamiltonian</u> <u>circuit problems in directed graphs</u>

Dawei Jin, QingQin Li & Min Lu

OriginalPaper | Published: 15 October 2019

Pages: 979 - 989



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