

# Xiaoding Wang

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## Country

China

## Keywords

Federated Learning, Blockchain, IoT, Smart Agriculture, Smart Healthcare

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## Biography

Dr. Xiaoding Wang is an associate professor and a key member of the Fujian Key Laboratory of Network Security and Cryptography. He is also a core member of the team for innovation in key theories and technologies of network and information security. Dr. Wang serves as an editorial board member for the CCF T2 journal "Computer Engineering". His research focuses on federated learning and blockchain. He has published over 60 articles in high-quality international journals such as IEEE/ACM Transactions (IEEE TII, IEEE IoTJ, IEEE TITS, IEEE TNSE, IEEE TNSM, IEEE/ACM TCBB, ACM TOSN), SCI journals like Information Fusion and Journal of Systems Architecture, as well as top Chinese journals like Journal on Communications and Digital Communications and Networks. He has been granted 10 national invention patents, led 1 National Natural Science Foundation of China project, and 2 Fujian Provincial Natural Science Foundation of China projects. Additionally, he has participated as a key member in 1 National Natural Science Foundation Cross-Strait Key Project and 2 National Natural Science Foundation of China projects.

## Employment (1)

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### Fujian Normal University: Fuzhou, CN

Employment

Source: Xiaoding Wang

## Invited positions and distinctions (1)

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## **Computer Engineering: Shanghai, CN**

2023-06 to 2026-05 | Editor

Invited position

**Source:**Xiaoding Wang

## **Membership and service (1)**

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### **China Computer Federation: Beijing, CN**

2023-01-11 to present

Membership

**Source:**Xiaoding Wang

## **Funding (4)**

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### **基于拓扑图可靠性的闽台区域移动社会网络安全可控理论研究**

National Natural Science Foundation of China (Beijing)

2020-01 to 2023-12|Grant

*Part of* GRANT\_NUMBER: U1905211

**Source:**Xiaoding Wang

### **多处理机系统故障诊断理论与方法研究**

National Natural Science Foundation of China (Beijing)

2020-01 to 2023-12|Grant

*Part of* GRANT\_NUMBER: 61977016

**Source:**Xiaoding Wang

### **基于拓扑感知和跨层协作的认知无线网络安全关键技术研究**

National Natural Science Foundation of China (Beijing)

2018-01-01 to 2021-12-31|Grant

GRANT\_NUMBER: 61771140

URL: <https://app.dimensions.ai/details/grant/grant.8310334> (<https://app.dimensions.ai/details/grant/grant.8310334>)

**Source:**Xiaoding Wang*via*DimensionsWizard

### **WSNs连通性与拓扑容错性问题的研究**

National Natural Science Foundation of China (Beijing)

2018-01-01 to 2020-12-31|Grant

GRANT\_NUMBER: 61702103

URL: <https://app.dimensions.ai/details/grant/grant.8308163> (<https://app.dimensions.ai/details/grant/grant.8308163>)

**Source:**Xiaoding Wang*via*DimensionsWizard

**Works (61 of 61)**

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## **A Cooperative Vehicle-Road System for Anomaly Detection on Vehicle Tracks With Augmented Intelligence of Things**

*IEEE Internet of Things Journal*

2024 | journal-article

DOI: 10.1109/JIOT.2024.3398023

**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/JIOT.2024.3398023https://doi.org/10.1109/JIOT.2024.3398023Source>)



(<https://www.sci-hub.ee/10.1109/JIOT.2024.3398023https://doi.org/10.1109/JIOT.2024.3398023Source>)

## **A crowdsourcing logistics solution based on digital twin and four-party evolutionary game**

*Engineering Applications of Artificial Intelligence*

2024 | journal-article

DOI: 10.1016/J.ENGAPPAI.2023.107797

WOSUID: WOS:001150107200001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.ENGAPPAI.2023.107797https://doi.org/10.1016/J.ENGAPPAI.2023.107797WOSUID>)

## **A dynamic state sharding blockchain architecture for scalable and secure crowdsourcing systems**

*Journal of Network and Computer Applications*

2024 | journal-article

DOI: 10.1016/J.JNCA.2023.103785

WOSUID: WOS:001125554300001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.JNCA.2023.103785https://doi.org/10.1016/J.JNCA.2023.103785WOSUID>)

### **A graph neural network based fault diagnosis strategy for power communication networks**

*Chung-kuo Kung Ch'eng Hsueh K'an/Journal of the Chinese Institute of Engineers*

2024 | journal-article

DOI: 10.1080/02533839.2024.2308236

WOSUID: WOS:001159889200001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1080/02533839.2024.2308236><https://doi.org/10.1080/02533839.2024.2308236>WOSUID)

### **A multi-modal spatial-temporal model for accurate motion forecasting with visual fusion**

*Information Fusion*

2024 | journal-article

DOI: 10.1016/J.INFFUS.2023.102046

WOSUID: WOS:001101989300001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.INFFUS.2023.102046><https://doi.org/10.1016/J.INFFUS.2023.102046>WOSUID)

### **Fed-MPS: Federated learning with local differential privacy using model parameter selection for resource-constrained CPS**

*Journal of Systems Architecture*

2024 | journal-article

DOI: 10.1016/J.SYSARC.2024.103108

WOSUID: WOS:001221365400001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.SYSARC.2024.103108><https://doi.org/10.1016/J.SYSARC.2024.103108>WOSUID)

## Reliable trajectory prediction in scene fusion based on spatio-temporal Structure Causal Model

*Information Fusion*

2024 | journal-article

DOI: 10.1016/J.INFFUS.2024.102309

WOSUID: WOS:001221723500001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.INFFUS.2024.102309><https://doi.org/10.1016/J.INFFUS.2024.102309>WOSUID)

## Secure Data Transmission Based On Reinforcement Learning and Position Confusion for Internet of UAVs

*IEEE Internet of Things Journal*

2024 | journal-article

DOI: 10.1109/JIOT.2024.3368200

**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/JIOT.2024.3368200><https://doi.org/10.1109/JIOT.2024.3368200>Source)

## The Application of Residual Connection-Based State Normalization Method in GAIL

*Mathematics*

2024 | journal-article

DOI: 10.3390/MATH12020214

WOSUID: WOS:001151426200001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.3390/MATH12020214><https://doi.org/10.3390/MATH12020214>WOSUID)


### **A Graph Generation Network with Privacy Preserving Capabilities**

*International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP)*

2023 | conference-paper

DOI: 10.1007/978-981-97-0862-8\_5

**Source:**Xiaoding Wang

 ([https://www.sci-hub.ee/10.1007/978-981-97-0862-8\\_5](https://www.sci-hub.ee/10.1007/978-981-97-0862-8_5)[https://doi.org/10.1007/978-981-97-0862-8\\_5](https://doi.org/10.1007/978-981-97-0862-8_5)Source)

### **A Privacy-Enhanced Multiarea Task Allocation Strategy for Healthcare 4.0**

*IEEE Transactions on Industrial Informatics*


2023 | journal-article

DOI: 10.1109/TII.2022.3189439

WOSUID: WOS:000967020200001



**Source:**Web of Science Researcher Profile Sync

 (<https://www.sci-hub.ee/10.1109/TII.2022.3189439><https://doi.org/10.1109/TII.2022.3189439>WOSUID)

### **AI-Empowered Trajectory Anomaly Detection for Intelligent Transportation Systems: A Hierarchical Federated Learning Approach**

*IEEE Transactions on Intelligent Transportation Systems*

2023 | journal-article

DOI: 10.1109/TITS.2022.3209903

WOSUID: WOS:001011287800079



**Source:**Web of Science Researcher Profile Sync


### **Big Data Assisted Object Detection with Privacy Protection**

*IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom)*

2023 | conference-paper

DOI: 10.1109/trustcom60117.2023.00037

**Source:**Xiaoding Wang

 (<https://www.sci-hub.ee/10.1109/trustcom60117.2023.00037><https://doi.org/10.1109/trustcom60117.2023.00037>Source)

### **Blockchain-Based Data Access Security Solutions for Medical Wearables**

*IEEE/ACM Transactions on Computational Biology and Bioinformatics*


2023 | journal-article

DOI: 10.1109/TCBB.2023.3281819

WOSUID: MEDLINE:37262117



**Source:**Web of Science Researcher Profile Sync

 (<https://www.sci-hub.ee/10.1109/TCBB.2023.3281819><https://doi.org/10.1109/TCBB.2023.3281819>WOSUID)

### **Communication-Efficient Personalized Federated Meta-Learning in Edge Networks**

*IEEE Transactions on Network and Service Management*


2023 | journal-article

DOI: 10.1109/TNSM.2023.3263831

WOSUID: WOS:001022694300050



**Source:**Web of Science Researcher Profile Sync

 (<https://www.sci-hub.ee/10.1109/TNSM.2023.3263831><https://doi.org/10.1109/TNSM.2023.3263831>WOSUID)



**D2MIF: A Malicious Model Detection Mechanism for Federated-Learning-Empowered Artificial Intelligence of Things**

*IEEE Internet of Things Journal*

2023 | journal-article

DOI: 10.1109/JIOT.2021.3081606

WOSUID: WOS:000966006800001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/JIOT.2021.3081606><https://doi.org/10.1109/JIOT.2021.3081606>[WOSUID](https://www.sci-hub.ee/10.1109/JIOT.2021.3081606))

**Deep learning-empowered crop breeding: intelligent, efficient and promising**

*Frontiers in Plant Science*

2023 | journal-article

DOI: 10.3389/FPLS.2023.1260089

WOSUID: WOS:001082865900001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.3389/FPLS.2023.1260089><https://doi.org/10.3389/FPLS.2023.1260089>[WOSUID](https://www.sci-hub.ee/10.3389/FPLS.2023.1260089))

**Federated Learning-Empowered Disease Diagnosis Mechanism in the Internet of Medical Things: From the Privacy-Preservation Perspective**

*IEEE Transactions on Industrial Informatics*

2023 | journal-article

DOI: 10.1109/TII.2022.3210597

WOSUID: WOS:001020261500006



**Source:**Web of Science Researcher Profile Sync

### **GSAA: A Novel Graph Spatiotemporal Attention Algorithm for Smart City Traffic Prediction**

*ACM Transactions on Sensor Networks*

2023 | journal-article

DOI: 10.1145/3631608

**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1145/3631608https://doi.org/10.1145/3631608Source>)

### **Heterogeneous Blockchain and AI-Driven Hierarchical Trust Evaluation for 5G-Enabled Intelligent Transportation Systems**

*IEEE Transactions on Intelligent Transportation Systems*

2023 | journal-article

DOI: 10.1109/TITS.2021.3129417

WOSUID: WOS:000727921200001



**Source:**Web of Science Researcher Profile Sync

### **IHFBF: A High-Performance Blockchain Framework for Improving Hyperledger Fabric Permissioned Chain**

*IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom)*

2023 | conference-paper

DOI: 10.1109/TRUSTCOM60117.2023.00059

**Source:**Web of Science Researcher Profile Sync

### **Intelligent Anomaly Detection of Trajectories for IoT Empowered Maritime Transportation Systems**

*IEEE Transactions on Intelligent Transportation Systems*

2023 | journal-article

DOI: 10.1109/TITS.2022.3162491

WOSUID: WOS:000785744600001

**Source:**Web of Science Researcher Profile Sync

**Privacy-Aware Access Control in IoT-Enabled Healthcare: A Federated Deep Learning Approach**

*IEEE Internet of Things Journal*

2023 | journal-article

DOI: 10.1109/JIOT.2021.3112686

WOSUID: WOS:000966802900001

**Source:**Web of Science Researcher Profile Sync

**Spatiotemporal Prediction Based Intelligent Task Allocation for Secure Spatial Crowdsourcing in Industrial IoT**

*IEEE Transactions on Network Science and Engineering*

2023 | journal-article

DOI: 10.1109/TNSE.2022.3198675

WOSUID: WOS:001071466900041

**Source:**Web of Science Researcher Profile Sync

**A Secure Data Aggregation Strategy in Edge Computing and Blockchain-Empowered Internet of Things**

*IEEE Internet of Things Journal*

2022 | journal-article

DOI: 10.1109/JIOT.2020.3023588

WOSUID: WOS:000838706600013

**Source:**Web of Science Researcher Profile Sync

**An intelligent and privacy-enhanced data sharing strategy for blockchain-empowered Internet of Things**

*Digital Communications and Networks*

2022 | journal-article

DOI: 10.1016/J.DCAN.2021.12.007

WOSUID: WOS:000889792400001

**Source:**Web of Science Researcher Profile Sync

**Blockchain-empowered secure federated learning system: Architecture and applications**

*Computer Communications*

2022 | journal-article

DOI: 10.1016/J.COMCOM.2022.09.008

WOSUID: WOS:000898722700001

**Source:**Web of Science Researcher Profile Sync

**Data fusion and transfer learning empowered granular trust evaluation for Internet of Things**

*Information Fusion*

2022 | journal-article

DOI: 10.1016/J.INFFUS.2021.09.001

WOSUID: WOS:000710490300002

**Source:**Web of Science Researcher Profile Sync

**Privacy-Enhanced Data Fusion for Federated Learning Empowered Internet of Things**

*Mobile Information Systems*

2022 | journal-article

DOI: 10.1155/2022/3850246

WOSUID: WOS:000869963900001

**Source:**Web of Science Researcher Profile Sync

**QoS and Privacy-Aware Routing for 5G-Enabled Industrial Internet of Things: A Federated Reinforcement Learning Approach**

*IEEE Transactions on Industrial Informatics*

2022 | journal-article

DOI: 10.1109/TII.2021.3124848

WOSUID: WOS:000761218600062

**Source:**Web of Science Researcher Profile Sync

**Toward Accurate Anomaly Detection in Industrial Internet of Things Using Hierarchical Federated Learning**

*IEEE Internet of Things Journal*

2022 | journal-article

DOI: 10.1109/JIOT.2021.3074382

WOSUID: WOS:000803121100008

**Source:**Web of Science Researcher Profile Sync

**A Mobile Crowd Sensing Ecosystem based on Fog Computing Infrastructure**

*Int Conf on Ubiquitous Comp and Communicat (iucc) / Int Conf on Comp and Information Technology (cit) / Int Conf on Data Science and Computational Intelligence (dsci) / Int Conf on Smart Computing, Networking, and Serv (smartcns)*

2021 | journal-article

DOI: 10.1109/IUCC-CIT-DSCI-SMARTCNS55181.2021.00030

WOSUID: WOS:000803071400015

**Source:**Web of Science Researcher Profile Sync

**A Novel Cross-domain Access Control Protocol in Mobile Edge Computing**

*IEEE Global Communications Conference*

2021 | conference-paper

DOI: 10.1109/GLOBECOM46510.2021.9685650

WOSUID: WOS:000790747203070

**Source:**Web of Science Researcher Profile Sync

**A Privacy-Enhanced Mobile Crowdsensing Strategy for Blockchain Empowered Internet of Medical Things**

*TRUSTCOM INTERNATIONAL JOINT CONFERENCE OF IEEE TRUSTCOM-11/IEEE ICSS-11/FCST-11*

2021 | journal-article

DOI: 10.1109/TRUSTCOM53373.2021.00066

WOSUID: WOS:000817855700048

**Source:**Web of Science Researcher Profile Sync

### **A Reinforcement Learning-based Task Classification Mechanism for Privacy-Enhanced Mobile Crowdsensing Strategy**

*Int Conf on Ubiquitous Comp and Communicat (iucc) / Int Conf on Comp and Information Technology (cit) / Int Conf on Data Science and Computational Intelligence (dsci) / Int Conf on Smart Computing, Networking, and Serv (smartcns)*  
2021 | journal-article

DOI: 10.1109/IUCC-CIT-DSCI-SMARTCNS55181.2021.00029

WOSUID: WOS:000803071400014

**Source:**Web of Science Researcher Profile Sync

### **A Secure Federated Learning Mechanism for Data Privacy Protection**

*Int Conf on Ubiquitous Comp and Communicat (iucc) / Int Conf on Comp and Information Technology (cit) / Int Conf on Data Science and Computational Intelligence (dsci) / Int Conf on Smart Computing, Networking, and Serv (smartcns)*  
2021 | journal-article

DOI: 10.1109/IUCC-CIT-DSCI-SMARTCNS55181.2021.00019

WOSUID: WOS:000803071400004

**Source:**Web of Science Researcher Profile Sync

### **An Intelligent UAV based Data Aggregation Algorithm for 5G-enabled Internet of Things**

*Computer Networks*

2021 | journal-article

DOI: 10.1016/J.COMNET.2020.107628

WOSUID: WOS:000626758800004

**Source:**Web of Science Researcher Profile Sync

### **Blockchain-based Access Control Model to Preserve Privacy for Students Credit Information**

*International Conference on Mobility, Sensing and Networking (MSN)*

2021 | conference-paper

DOI: 10.1109/MSN53354.2021.00030

WOSUID: WOS:000817822300014

**Source:**Web of Science Researcher Profile Sync

### **Enabling Secure Authentication in Industrial IoT With Transfer Learning Empowered Blockchain**

*IEEE Transactions on Industrial Informatics*

2021 | journal-article

DOI: 10.1109/TII.2021.3049405

WOSUID: WOS:000679533900053

**Source:**Web of Science Researcher Profile Sync

### **Federated deep reinforcement learning based secure data sharing for Internet of Things**

*Computer Networks*

2021 | journal-article

DOI: 10.1016/J.COMNET.2021.108327

WOSUID: WOS:000693075600007

**Source:**Web of Science Researcher Profile Sync

### **Graph partition based privacy-preserving scheme in social networks**

*Journal of Network and Computer Applications*

2021 | journal-article

DOI: 10.1016/J.JNCA.2021.103214

WOSUID: WOS:000710024100004



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.JNCA.2021.103214><https://doi.org/10.1016/J.JNCA.2021.103214>WOSUID)

## **Intelligent Drone-Assisted Fault Diagnosis for B5G-Enabled Space-Air-Ground-Space Networks**

*IEEE Transactions on Network Science and Engineering*

2021 | journal-article

DOI: 10.1109/TNSE.2020.3043624

WOSUID: WOS:000728929300013



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/TNSE.2020.3043624><https://doi.org/10.1109/TNSE.2020.3043624>WOSUID)

## **PPCS: An Intelligent Privacy-Preserving Mobile-Edge Crowdsensing Strategy for Industrial IoT**

*IEEE Internet of Things Journal*

2021 | journal-article

DOI: 10.1109/JIOT.2020.3032797

WOSUID: WOS:000665207100007



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/JIOT.2020.3032797><https://doi.org/10.1109/JIOT.2020.3032797>WOSUID)

## **Privacy-Enhanced Data Fusion for COVID-19 Applications in Intelligent Internet of Medical Things**

*IEEE Internet of Things Journal*

2021 | journal-article

DOI: 10.1109/JIOT.2020.3033129

WOSUID: WOS:000711808500010



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/JIOT.2020.3033129><https://doi.org/10.1109/JIOT.2020.3033129>WOSUID)



## **Toward Secure Data Fusion in Industrial IoT Using Transfer Learning**

*IEEE Transactions on Industrial Informatics*

2021 | journal-article

DOI: 10.1109/TII.2020.3038780

WOSUID: WOS:000673414500054



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/TII.2020.3038780><https://doi.org/10.1109/TII.2020.3038780>WOSUID)

## **A cross-blockchain based distributed crowdsourcing system for Internet of Things**

*IEEE Int Conf on Parallel & Distributed Processing with Applications, Ubiquitous Computing & Communications, Big Data & Cloud Computing, Social Computing & Networking, Sustainable Computing & Communications*

2020 | journal-article

DOI: 10.1109/ISPA-BDCLLOUD-SOCIALCOM-SUSTAINCOM51426.2020.00062

WOSUID: WOS:000684021500036



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/ISPA-BDCLLOUD-SOCIALCOM-SUSTAINCOM51426.2020.00062><https://doi.org/10.1109/ISPA-BDCLLOUD-SOCIALCOM-SUSTAINCOM51426.2020.00062>WOSUID)

## **A Machine Learning Based Connectivity Restoration Strategy for Industrial IoTs**

*IEEE Access*

2020 | journal-article

DOI: 10.1109/ACCESS.2020.2987349

WOSUID: WOS:000530809000034



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/ACCESS.2020.2987349><https://doi.org/10.1109/ACCESS.2020.2987349>WOSUID)

### **A Novel Low-Complexity Fault Diagnosis Algorithm for Energy Internet in Smart Cities**

*Future Internet*

2020 | journal-article

DOI: 10.3390/FI12020026

WOSUID: WOS:000519112500022



**Source:**Web of Science Researcher Profile Sync

### **An intelligent UAV based data aggregation strategy for IoT after disaster scenarios**

*DroneCom: Proceedings of the MobiCom Workshop on Drone Assisted Wireless Communications for 5G and Beyond*

2020 | journal-article

DOI: 10.1145/3414045.3415940

WOSUID: INSPEC:20029733



**Source:**Web of Science Researcher Profile Sync

### **Learning-Based IoT Data Aggregation for Disaster Scenarios**

*IEEE Access*

2020 | journal-article

DOI: 10.1109/ACCESS.2020.3008289

WOSUID: WOS:000551829200001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/ACCESS.2020.3008289><https://doi.org/10.1109/ACCESS.2020.3008289>WOSUID)

### **Multi-layer Access Control Mechanism based on Blockchain for Mobile Edge Computing**

*Ieee Int Conf on Parallel & Distributed Processing with Applications, Ubiquitous Computing & Communications, Big Data & Cloud Computing, Social Computing & Networking, Sustainable Computing & Communications*

2020 | journal-article

DOI: 10.1109/ISPA-BDCLLOUD-SOCIALCOM-SUSTAINCOM51426.2020.00061

WOSUID: WOS:000684021500035



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1109/ISPA-BDCLLOUD-SOCIALCOM-SUSTAINCOM51426.2020.00061><https://doi.org/10.1109/ISPA-BDCLLOUD-SOCIALCOM-SUSTAINCOM51426.2020.00061>WOSUID)

### **Restricted connectivity and good-neighbor diagnosability of split-star networks**

*Theoretical Computer Science*

2020 | journal-article

DOI: 10.1016/J.TCS.2020.04.015

WOSUID: WOS:000531537800007



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.TCS.2020.04.015><https://doi.org/10.1016/J.TCS.2020.04.015>WOSUID)

### **Rollout algorithm for light-weight physical-layer authentication in cognitive radio networks**

*IET Communications*

2020 | journal-article

DOI: 10.1049/IET-COM.2019.1275

WOSUID: WOS:000594371900006



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1049/IET-COM.2019.1275><https://doi.org/10.1049/IET-COM.2019.1275>WOSUID)

**Extra diagnosability and good-neighbor diagnosability of n-dimensional alternating group graph AG(n) under the PMC model**

*Theoretical Computer Science*

2019 | journal-article

DOI: 10.1016/J.TCS.2019.05.034

WOSUID: WOS:000494887800004



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1016/J.TCS.2019.05.034><https://doi.org/10.1016/J.TCS.2019.05.034>WOSUID)

**A Straight Skeleton Based Connectivity Restoration Strategy in the Presence of Obstacles for WSNs**

*Sensors*

2017 | journal-article

DOI: 10.3390/S17102299

WOSUID: WOS:000414931500141



**Source:**Web of Science Researcher Profile Sync

**Hybrid Recovery Strategy Based on Random Terrain in Wireless Sensor Networks**

*Scientific Programming*

2017 | journal-article

DOI: 10.1155/2017/5807289

WOSUID: WOS:000392533800001



**Source:**Web of Science Researcher Profile Sync



(<https://www.sci-hub.ee/10.1155/2017/5807289><https://doi.org/10.1155/2017/5807289>WOSUID)

**A Privacy-Preserving Approach Based on Graph Partition for Uncertain Trajectory Publishing**

*16TH INTERNATIONAL SYMPOSIUM ON PARALLEL AND DISTRIBUTED COMPUTING (ISPDC-2017)*

2016 | journal-article

DOI: 10.1109/ISPDC.2016.48

WOSUID: WOS:000405941600043



**Source:**Web of Science Researcher Profile Sync

**A Resolving Set based Algorithm for Fault Identification in Wireless Mesh Networks**

*Journal of Universal Computer Science*

2015 | journal-article

WOSUID: WOS:000355181300003

**Source:**Web of Science Researcher Profile Sync

**Restoration Strategy Based on Optimal Relay Node Placement in Wireless Sensor Networks**

*International Journal of Distributed Sensor Networks*

2015 | journal-article

DOI: 10.1155/2015/409085

WOSUID: WOS:000359214500001



**Source:**Web of Science Researcher Profile Sync

**Strategy and Simulation of Trust Cluster Based Key Management Protocol for Ad hoc Networks**

*Iccsse: Proceedings of International Conference on Computer Science & Education*

2009 | journal-article

DOI: 10.1109/ICEC.2009.71

WOSUID: WOS:000271688600057



**Source:**Web of Science Researcher Profile Sync

**A New Security Mechanism Based on SIP in Wireless LAN-3G Integration**

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## **Peer review (24)**

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- review activity for **Computers in biology and medicine. (1)**
- review activity for **e-Prime - Advances in Electrical Engineering, Electronics and Energy (1)**
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- review activity for **IEEE internet of things magazine. (1)**
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- review activity for **ISA transactions. (1)**
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