



# 1. A Conceptual Framework for Top-N Recommendation Using Attributed Bipartite Graph Embedding

Ahmad, Hafsa Kabir (School of Computer Science, Shaanxi Normal University, Xi'an, China); Wu, Zhenqiang; Muhammad, Bello Ahmad **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 400-404, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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## 2. Pulse-detecting Approach with Adjustable PRIs Using Interferences Blanking in TACAN System

Zhao, Di (The 54th Research Institute of Cetc, Shijiazhuang, China); Jiao, Jichao; Tan, Weijie **Source**: *Proceedings* - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 141-146, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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### 3. JSTIFuzz: Type-Inference-based JavaScript Engine Fuzzing

Wang, Yuli (Northwest University, China); Gong, Xiaoqing; Chen, Hao; Li, Jing; Liu, Baoying; Cao, Shuai **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 381-387, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 4. Online Placing and Pricing for Cloud Container Clusters: An Auction Approach

Zhang, Renli (School of Cyber Science and Engineering, Wuhan University, Wuhan, China); Zhou, Ruiting **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 65-72, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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# 5. A Dummy-Based Privacy Protection Scheme for Location-Based Services under Spatiotemporal Correlation

Diao, Yiqing (Fujian Normal University, Fujian Provincial Key Laboratory of Network Security and Cryptology, Mathematics and Informatics Department, Fuzhou, China); Ye, Ayong; Cheng, Baorong; Zhang, Jiaomei; Zhang, Qiang **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 443-447, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 6. Dynamic Action Recognition under Simulated Prosthetic Vision

Zhao, Ying (Inner Mongolia Key Laboratory of Pattern Recognition and Intelligent Image Processing, School of Information Engineering, Inner Mongolia University of Science and Technology, Baotou, Inner, Mongolia); Xu, Dantong; Wang, Tie; Ren, Yanchun **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 417-421, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 7. Adaptive Beamforming Planning for Multicast mmWave Communication

Liu, Xiaoxiao (School of Computer Science and Engineering, Kyungpook National University, Daegu; 41566, Korea, Republic of); Mei, Haoran; Peng, Limei **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 147-151, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 8. Optimal Asynchronous FHMA System with Generalized Orthogonal Hopping Patterns

Tian, Bo (China Electronics Technology Cyber Security Co. Ltd, Chengdu; 610041, China); Wu, Kaijun; Hao, Yao; Wang, Xue; Zhang, Hao; Yang, Dongyu **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 286-291, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 9. Secure Spatial Query Scheme with Access Pattern Obfuscation

Ren, Qing (School of Computer Science, Shaanxi Normal University, Xian, Shaanxi; 710062, China); Tian, Feng; Lu, Laifeng **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 221-228, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications*,

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# 10. A Blockchain based model for Curbing Doctors Shopping and Ensuring Provenance Management

Chenthara, Shekha (Institute for Sustainable Industries and Liveable Cities, Victoria University, Melbourne, Australia); Wang, Hua; Ahmed, Khandakar; Whittaker, Frank; Ji, Ke **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 186-192, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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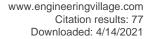
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# 11. Body Part Localization and Pose Tracking by Using Deepercut Algorithm for King Cobra's BBL (Biting Behavior Learning)

Gautam, Bishnu Prasad (Kanazawa Gakuen University, Department of Economic Informatics, Kanazawa, Ishikawa, Japan); Noda, Yusuke; Gautam, Ramji; Sharma, Hari Prasad; Sato, Kazuhiko; Neupane, Sangam B. **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 422-429, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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# 12. Physical Layer Authentication Utilizing Carrier Frequency Offset in Dynamic MIMO Systems

Liu, Yangyang (School of Computer Science and Technology, Xidian University, Xi'an City, China); Zhang, Pinchang **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 16-21, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 13. Differential Privacy Preserving Naive Bayes Classification via Wavelet Transform

Tang, Wenru (School of Computer Science, Shaanxi Normal University, Xi'an, China); Zhou, Yihui; Li, Mingshuang; Lu, Laifeng **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 81-85, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 14. Do Not Perturb Me: A Secure Byzantine-Robust Mechanism for Machine Learning in IoT

Ma, Xindi (School of Cyber Engineering, Xidian University, Shaanxi, China); Zhang, Junying; Ma, Jianfeng; Jiang, Qi; Gao, Sheng; Xie, Kang **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 348-354, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 15. A PUF-based Scheme for Identify Trusted Mobile Phone Accessories

Li, Liang (School of Cyber Engineering, Xidian University, xi'an, China); Huang, Zhao; Chen, Yin; Du, Maofan; Wang, Quan; Liu, Jinhui **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 459-463, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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# 16. Efficient partially policy-hidden with multi-authority for access control scheme in Internet of Things

Liu, Yan (School of Cyber Security and Computer, Hebei University, Baoding, China); Du, Ruizhong **Source:**Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 375-380,

December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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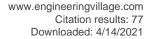
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### 17. Searchable encryption scheme with limited search scope for group users

Peng, HaiYang (China Electronics Technology Cyber Security Co. Ltd, Chengdu; 610041, China); Dong, GuiShan; Yao, Hao; Zhao, Yue; Chen, YuXiang **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 430-435, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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# 18. A Conceptual Framework for Detecting Learning Style in an Online Education Using Graph Representation Learning

Muhammad, Bello Ahmad (School of Computer Science, Shaanxi Normal University, Xi'an, China); Wu, Zhenqiang; Ahmad, Hafsa Kabir **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 136-140, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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## 19. Evaluation of Random Forest for Complex Human Activity Recognition Using Wearable Sensors

Wang, Aiguo (School of Electronic Information Engineering, Foshan University, Foshan, China); Chen, Huihui; Zheng, Chundi; Zhao, Liang; Liu, Jinjun; Wang, Lulu **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 310-315, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 20. Concentration-Shifting-based Modulation Scheme for Molecular Communication System with a Mobile Transmitter

Jia, Zhen (School of Computer Science, Shaanxi Normal University, Xi'an, China); Liao, Xuening; Zhang, Xialei **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 152-156, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 21. Nesterov Accelerated Gradient-based Algorithm for the Allocation Problem of NFV Service

Wu, Zhonghui (Beijing University of Posts and Telecommunications, Beijing; 100876, China); Chen, Xingyan; Xu, Changqiao; Yang, Shujie **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 213-220, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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# 22. Security Analysis and Design of Authentication Key Agreement Protocol in Medical Internet of Things

Guo, Jiaxing (Henan Key Laboratory of Network Cryptography Technology, Zhengzhou, China); Lu, Siqi; Gu, Chunxiang; Chen, Xi; Wei, Fushan **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 233-240, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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## 23. QMPS: Q-learning based Message Prioritizing and Scheduling Algorithm for Flying Adhoc Networks

Li, Jun (Command Control Engineering College, Army Engineering University, Nanjing, China); Chen, Ming **Source:** Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 265-270, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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### 24. Adversarial Examples Detection Using Random Projections of Residuals

Wu, Kaijun (China Electronics Technology Cyber Security Co. Ltd, Chengdu; 610041, China); Peng, Anjie; Hao, Yao; Zhao, Qi **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 282-285, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 25. Intra-Datacenter Bandwidth Resource Allocation for Bursty Large-Scale Traffic in Polled OLT

Li, Guochun (Nari Group Corporation/State Grid Electric Power Research Institute, Nanjing Nari Information Communication Technology Co. Ltd, Nanjing, China); Ye, Binbin; Gu, Rentao; Guo, Qize; Gu, Zhiyun **Source:**Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 96-101,

December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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#### 26. K-modes Based Categorical Data Clustering Algorithms Satisfying Differential Privacy

Li, Mingshuang (School of Computer Science, Shaanxi Normal University, Xi'an, China); Zhou, Yihui; Tang, Wenru; Lu, LaiFeng **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 86-91, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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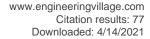
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### 27. Spatial Ciphertext Aggregation Computing Scheme for Mobile Crowd Sensing Privacy Protection

Niu, Kun (College of Computer Science and Technology, State Key Laboratory of Public Big Data, Guizhou University, Guiyang; 550025, China); Peng, Changgen; Tian, Youliang; Tan, Weijie **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 388-393, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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## 28. UniRoam: An Anonymous and Accountable Authentication Scheme for Cross-Domain Access

Ahmed, Farooq (School of Information Science and Technology, University of Science and Technology of China, Hefei; 230027, China); Li, Xudong; Niu, Yukun; Zhang, Chi; Wei, Lingbo; Gu, Chengjie **Source**: *Proceedings* - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 198-205, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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### 29. Anomaly detection frameworks for outlier and pattern anomaly of time series in wireless sensor networks

Gao, Cong (Shaanxi Key Laboratory of Network Data Analysis and Intelligent Processing, Xi'an University of Posts and Telecommunications, Xian, China); Chen, Yanping; Wang, Zhongmin; Xia, Hong; Lv, Ning **Source:** *Proceedings* - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 229-232, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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# 30. Simulated Annealing Algorithm Based Temperature-Aware Routing Scheme for Intrabody Nanonetworks

Javaid, Shumaila (School of Computer Science, Shaanxi Normal University, Xi'an, China); Wu, Zhenqiang; Fahim, Hamza; Javed, Farhana **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 248-253, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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#### 31. Covert Outage Analysis for Random Wireless Networks under Warden Collusion

Zhao, Shuangrui (School of Computer Science and Technology, Xidian University, Xian, China); Liu, Jia; Shen, Yulong; Jiang, Xiaohong **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 193-197, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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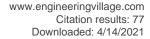
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### 32. A Framework for Audit Analysis of Heterogeneous Logs from PaaS

Du, Yanning (Xi'an University of Technology, Xi'an, China); Wang, Yichuan; Zhu, Lei; Ji, Wenjiang; Song, Xin; Yang, Yida; Pan, Long **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 292-297, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications*. *NaNA 2020* 

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### 33. Message Delivery Probability of 3D MANETs under Erasure Coding

Wang, Wu (School of Mathematics and Computer Science, Yunnan Minzu University, Kunming, China); Yang, Bin; Shen, Shikai; Shi, Guoxing; Liu, Yuejuan **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 180-185, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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#### 34. Crowdsourcing Answer Integration Algorithm for Big Data Environment

Xia, Hong (Shannxi Key Laboratory of Network Data Analysis and Intelligent Progcessing, Xi'an University of Posts and Telecommunications, Xi'an; 710121, China); Zhang, YongKang; Wang, Han; Chen, YanPing; Wang, ZhongMin **Source:** Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 335-341, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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### 35. Time Constrained Emergency Data Backup and Service Migration in Cloud Data Centers

Ma, Lisheng (Chuzhou University, Chuzhou; 239000, China); Yang, Bin **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 92-95, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 36. A Study of Learned KD Tree Based on Learned Index

Yongxin, Peng (School of Mathematics and Computer Application, Shangluo University, Shangluo Public Big Data Research Center Shangluo City, Shangluo City, China); Wei, Zhou; Lin, Zhang; Hongle, Du **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 355-360, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 37. CPWF: Cross-Platform Website Fingerprinting Based on Multi-Similarity Loss

Wang, Shihao (School of Computer Science and Communication Engineering, Jiangsu University, Zhenjiang, Jiangsu; 212013, China); Wang, Liangmin; Yin, Shangnan; Zhao, Hui; Shentu, Hao **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 73-80, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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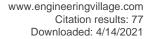
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### 38. K-Anonymity Based Location Data Query Privacy Protection Method in Mobile Social Networks

Li, Hongtao (College of Mathematics Computer Science, Shanxi Normal University, Linfen; 041000, China); Gong, Lingxia; Wang, Bo; Guo, Feng; Wang, Jie; Zhang, Tao **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 326-334, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 39. Improve IoT Streaming QoS by Determining the Message Propotion in CoAP

Yang, Ru (School of Computer Science Engineering, Kyungpook National University, Daegu, Korea, Republic of); Lee, Sungwon; Seo, Junho; Khan, Murad; Kim, Dongkyun **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 35-40, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 40. Online Teaching Gestures Recognition Model Based on Deep Learning

Gu, Yuying (School of Mathematics and Information Science, Shaanxi Normal University, Xi'an; 710119, China); Hu, Jingxyan; Zhou, Yihui; Lu, Laifeng **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 410-416, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 41. A Unified Trust Service Scheme for Heterogeneous Identity Alliance

Dong, Guishan (China Electronics Technology Cyber Security Co. Ltd, China); Chen, Yuxiang; Hao, Yao; Jian, Bai; Zhang, Zhaolei; Sijie, Liao **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 167-173, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 42. Traffic Flow Modeling for UAV-Enabled Wireless Networks

Abada, Abderrahmane (School of Electrical Engineering, Aalto University, Finland); Yang, Bin; Taleb, Tarik **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 59-64, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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## 43. On Jamming Power Optimization for Secure and QoS-Aware Routing in Ad Hoc Networks

Xu, Yang (School of Economics and Management, Xidian University, Xi'an; 710071, China); Yang, Kehan; Wang, Yu; Li, Zhao; Zhang, Tao; Liu, Jia **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 162-166, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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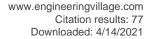
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### 44. Study on Learner's Facial Expression Recognition

Yang, Lei (School of Computer Science, Shaanxi Normal University, Xi'an, China); Qi, Chao **Source:** *Proceedings* - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 174-179, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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### 45. An Invocation Chain Test and Evaluation Method Based on Knowledge Graph

Zhao, Yue (Science and Technology on Communication Security Laboratory, Chengdu; 610041, China); Yang, Yarang; Tian, Bo; Zhang, Tianle **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 277-281, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 46. Secure Off-chain Payment in Consortium Blockchain System

Yang, Lingxiao (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Dong, Xuewen; Tong, Wei; Ma, Shiyang; Qiao, Hui; Xing, Siyu **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 259-264, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 47. On the Applicability of Users' Operation-action Characteristics for the Continuous Authentication in IIoT Scenarios

Zhao, Guozhu (School of Computer and Information Engineering, Chuzhou University, Chuzhou, China); Zhang, Pinchang; Jiang, Xiaohong **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 124-129, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 48. An Adaptive Model Update Object Tracking Algorithm based on DenseNet Features

Ma, Sugang (Shaanxi Key Laboratory of Network Data Analysis and Intelligent Processing, Xi'an University of Posts and Telecommunications, Xi'an, shaanxi; 710121, China); Zhang, Lei; Pu, Lei; Yang, Xiaobao; Hou, Zhiqiang **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 321-325, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 49. High capacity reversible data hiding algorithm based on central prediction

Ren, Fang (School of Cyberspace Security, Xi'an University of Posts and Telecommunications, Xi'an, China); Xue, Feiyuan; Yao, Xuemei **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 361-367, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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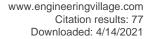
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### 50. Rational Delegation Learning Outsourcing Scheme Based on Game Theory

Xiang, Kang (Institute of Cryptography and Data Security, Guizhou University, Guiyang; 550025, China); Tian, Youliang; Gao, Sheng; Peng, Changgen; Tan, Weijie **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 130-135, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 51. Protection method of continuous location uploading based on local differential privacy

Wang, Xiongjian (College of Information Science and Technology, Henan University of Technology, Zhengzhou, China); Yang, Weidong **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 157-161, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 52. Design of Educational Resources-oriented Fair Recommendation System Based on Consortium Blockchain

Zhao, Tingting (School of Computer Science and Communication Engineering, Jiangsu University, Zhenjiang, China); Sun, Guo; Feng, Xia; Wang, Liangmin **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 448-453, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 53. Private and Fast Routing in Credit Networks

Long, Jianwei (School of Information Science and Technology, University of Science and Technology of China, Hefei; 230027, China); Zhang, Chi; Li, Chenyu; Wei, Lingbo; Sun, Qibin; Zhang, Xia **Source**: *Proceedings* - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 1-7, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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# 54. CARA-BAN: Clone Attack Resistant Authentication Scheme in Body Area Networks Using Channel Characteristics

Umar, Mubarak (Shaanxi Normal University, Xian; 710062, China); Liao, Xuening; Muhammad, Bello Ahmad; Ahmad, Hafsa Kabir **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 8-15, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 55. Adaptive Meek Technology for Anti-Traffic Analysis

Xie, Haoyao (School of Computer Science and Communication Engineering, Jiangsu University, Zhenjiang, Jiangsu; 212013, China); Wang, Liangmin; Yin, Shangnan; Zhao, Hui; Shentu, Hao **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 102-107, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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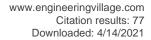
Data Provider: Engineering Village

#### 56. Design of A Time Synchronization Mechanism for Underwater Acoustic Networks

Wang, Jian-Ping (School of Information Engineering, Henan Institute of Science and Technology, Xinxiang, China); Jiao, Cui-Ling **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 41-46, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 57. Predict Onset Age of Hypertension Using CatBoost and Medical Big Data

Zhao, Huanhuan (ChuZhou University, China); Ma, Zuchang; Sun, Yining **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 405-409, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 58. TMPTCP: A Lightweight Trust Extension for Multipath-TCP

Wu, Boyang (Beijing National Research Center for Information Science and Technology, Tsinghua University, Beijing; 100084, China); Li, Hewu; Wu, Qian; Jiang, Zhou; Liu, Jun **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 342-347, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 59. MagNet with Randomization Defense against Adversarial Examples

Wang, Fangwei (College of Computer, Hebei Normal University, Shijiazhuang, China); Chai, Guofang; Li, Qingru; Wang, Changguang **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 316-320, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 60. Resilient Data Retrieval in Vehicular Named Data Networking

Wu, Zihan (School of Computer Science and Communication Engineering, Jiangsu University, Zhenjiang, China); Jiang, Shunrong; Wang, Liangmin **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 464-469, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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# 61. Experimental Security Analysis of SDN Network by Using Packet Sniffing and Spoofing Technique on POX and Ryu Controller

Gautam, Yubaraj (Muroran Institute of Technology, Graduate School of Engineering, Muroran, Hokkaido, Japan); Gautam, Bishnu Prasad; Sato, Kazuhiko **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 394-399, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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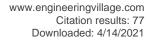
Data Provider: Engineering Village

### 62. Fault Diagnosis and Location based on Graph Neural Network in Telecom Networks

He, Jiajin (Wireless Signal Processing and Networks (WSPN) Lab, Key Laboratory of Universal Wireless Communications, Ministry of Education, Beijing University of Posts and Telecommunications (BUPT), Beijing; 100876, China); Zhao, Hui **Source:** Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020, p 304-309, December 2020, Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020

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### 63. Android Malware Detection Based on Call Graph via Graph Neural Network

Feng, Pengbin (School of Cyber Engineering, Xidian University, Shaanxi, China); Ma, Jianfeng; Li, Teng; Ma, Xindi; Xi, Ning; Lu, Di **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 368-374, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 64. Network Flow Analytics: Multi-Class Classification of DDoS Attacks Based on OKNN

Irenee, Mungwarakarama (Faculty of Computer Science and Engineering, Xi'an University of Technology, Xi'an, China); Hei, Xinhong; Wang, Yichuan; Ji, Wenjiang; Jiang, Xinyu **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 271-276, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 65. A Fault Diagnosis Model of Pumping Unit Based on BP Neural Network

Zhang, Liumei (School of Computer Science, Xi'an Shiyou University, Xi'an, China); Du, Qiuyuan; Liu, Tianshi; Li, Jiao **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 454-458, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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#### 66. B-SDN: A Novel Blockchain-based Software Defined Network Architecture

Tong, Wei (School of Computer Science and Technology, Xidian University, Xi'an; 710071, China); Tian, Wensheng; Dong, Xuewen; Yang, Lingxiao; Ma, Shiyang; Lu, Hua **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 206-212, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 67. On security of UAV integrated system with network coding

Yang, Yanbo (School of Information Engineering, Inner Mongolia University of Science Technology, China); Du, Yongxing; Zhang, Jiawei; Zhou, Liyong; Hu, Weijian; Li, Lingfang **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 119-123, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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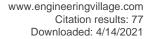
Data Provider: Engineering Village

### 68. Energy-saving Hybrid Network Integrating WSNs and Crowd Sensing

Song, Xiao-Xia (School of Computer Network Engineering, Shanxi Datong University, Datong, China); Nie, Wen-Mei; Liu, Hong-Ying; Li, Yong **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 108-113, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 69. A study on exercise recommendation method using Knowledge Graph for computer network course

Zhu, Lei (State Key Laboratory of Rail Transit Engineering Information (FSDI), Xi'an; 710043, China); Liu, Yaolin; Hei, Xinhong; Wang, Yichuan; Meng, Haining; Jiao, Jiuyuan; Pan, Long **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 436-442, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 70. Emotion-Related Rich-Club Organization in Dynamic Brain Network

Wang, Zhongmin (Shaanxi Key Laboratory of Network Data Analysis and Intelligent Processing, Xi'an University of Posts and Telecommunications, Xi'an Shaanxi; 710121, China); Zhou, Rui **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 298-303, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 71. Incremental-Compensation based Robust Topology Control for Micro/Nano Satellite Network

Hu, Yuyu (School of Cyber Engineering, Xidian University, Xi'an, China); Li, Zhao; Li, Jingling; Chang, Zhixian; Xu, Yang; Liu, Jia **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 22-28, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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#### 72. Deep Learning as a Service Based on Encrypted Data

Hei, Xinhong (College of Computer Science and Engineering, Xi'an University of Technology, Xi'an, China); Liang, Xiaolong; Wang, Yichuan; Ji, Wenjiang; Zhu, Lei **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 53-58, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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#### 73. VPN Traffic Classification Based on Payload Length Sequence

Gao, Ping (Henan Key Laboratory of Network Cryptography, Zhengzhou, China); Li, Guangsong; Shi, Yanan; Wang, Yang **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 241-247, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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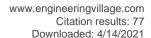
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#### 74. Research on SDN intrusion detection based on online ensemble learning algorithm

Lin, Zhang (Shangluo Public Big Data Research Center Shangluo City, Shangluo City, China); Hongle, Du **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 114-118, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 75. On Eavesdropping Region Characterization in Hybrid Wireless Communications

Qu, Qianyue (Graduate School of Science and Technology, Nara Institute of Science and Technology, Nara, Ikoma; 630-0192, Japan); Zhang, Yuanyu; Kasahara, Shoji **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 29-34, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 76. On CPRI based Front-hauling over Residential Power Lines

Hassan, Mai (University of Waterloo, Department of Electrical and Computer Engineering, Waterloo; ON, Canada); Naqvi, Syed Hassan Raza; Ho, Pin-Han **Source**: *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 47-52, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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### 77. Evolutionary dynamics games based on edge diversity in complex networks

Chen, Jiawang (School of Computer Science, Shaanxi Normal University, Xian, China); Liu, Bo; Umar, Mubarak **Source:** *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020*, p 254-258, December 2020, *Proceedings - 2020 International Conference on Networking and Network Applications, NaNA 2020* 

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