

TrackChair ID	Track	Paper Title	Authors/Affil.	Virtual
27658	Airbone and Maritime Mobile Systems and Services	An Anti-Interference On-Demand Routing Algorithm for LEO Satellite Networks	Siqi Peng, School of Electronic Information and Electrical Engineering, Shanghai Jiao	Y
85780	Airbone and Maritime Mobile Systems and Services	Analysis of RSMA-aided UAV Network: A Stochastic Geometry Approach	Lanxin Wu, Department of Electronic Engineering and Information Science, Universi	Y
13818	Airbone and Maritime Mobile Systems and Services	Co-Evolutionary Dynamic Cell Optimization Algorithm for HAPS Mobile Communications	Yohei Shibata, Technology Research Laboratory, SoftBank Corp., Japan Wataru Tak	Y
51299	Airbone and Maritime Mobile Systems and Services	Coordinative Spectrum Sharing for GEO and LEO Satellite Networks	Po-Yin Chen, Communication Engineering, National Central University, Taiwan Mu-	Y
63817	Airbone and Maritime Mobile Systems and Services	Deep Reinforcement Learning for Computation Offloading and Resource Allocation in Satellite-Terrestrial Integrated Networks	Haonan Wu, Shanghai Institute of Microsystem and Information Technology, Chine	Y
33836	Airbone and Maritime Mobile Systems and Services	Interference Coordination Method for Integrated HAPS-Terrestrial Networks	Wenjia Liu, Wireless Technology, DOCOMO Beijing Communications Laboratories Co	Y
52293	Airbone and Maritime Mobile Systems and Services	Joint Power Control and UAV Trajectory Design for Information Freshness via Deep Reinforcement Learning	Xinmin Li, Information Engineering, Southwest University of Science and Technolog	Y
55160	Airbone and Maritime Mobile Systems and Services	Load Balancing Routing Algorithm with Traffic Pre-shunting in the LEO Satellite Network	Wudong Shi, School of Electronic Information and Electrical Engineering, Shanghai J	Y
24657	Airbone and Maritime Mobile Systems and Services	Uplink Synchronization for Internet of Things over Non-Terrestrial Network	Gilsoo Lee, Nokia Standards, Nokia, United States Frank Hsieh, Nokia Standards, Nc	Y
78067	Antenna Systems, Propagations, and RF Design	A Data-Driven Multi-Height Empirical LoS Probability Model for Urban A2G Channels	Qiuming Zhu, College of Electronic and Information Engineering, Nanjing University	Y
39651	Antenna Systems, Propagations, and RF Design	A Non-Stationary 3-D Wideband GBSM for Narrow-Beam Channels in Smart High-Speed Railway Communication Systems	Wenjun Huang, School of Electronic and Information Engineering, Beijing Jiaotong U	Y
18544	Antenna Systems, Propagations, and RF Design	A Novel Negative Link Prediction Algorithm for Social Networks	Debasis Das, Computer Science and Engineering, Indian Institute of Technology Jodl	Y
42099	Antenna Systems, Propagations, and RF Design	Amplitude Distributions of Mobile Fading Channels: Impact on Communication Performances	Ruoyu Wang, National Mobile Communications Research Laboratory, Southeast Un	Y
54323	Antenna Systems, Propagations, and RF Design	Congestion-Aware Vehicle Routing in Smart Transportation Networks	Ricky Hou, Division of Science and Technology, BNU-HKBU United International Coll	Y
36315	Antenna Systems, Propagations, and RF Design	Deep-Learning Based Scenario Identification for High-Speed Railway Propagation Channels	Haitong Zhang, Institute of Broadband Wireless Mobile Communications, Beijing Jia	Y
75271	Antenna Systems, Propagations, and RF Design	Dynamic Coherence-Based EM Ray Tracing Simulations in Vehicular Environments	Ruichen Wang, ECE department, University of Maryland, United States Dinesh Manc	Y
43262	Antenna Systems, Propagations, and RF Design	Empirical Analysis of Bi-directional Wi-Fi Network Performance on Mobile Robots in Indoor Environments	Pranav Pandey, Computer Science, University of Georgia, United States Ramviyas P	Y
22770	Antenna Systems, Propagations, and RF Design	High-Order MIMO Terminal Testing with the Reduced-Order Wireless Cable Method	Feilong Wang, Mobile Communications Innovation Center, MCIC, China Academy fo	Y
38792	Antenna Systems, Propagations, and RF Design	MetaChain: A Novel Blockchain-based Framework for Metaverse Applications	Cong T. Nguyen, School of Electrical and Data Engineering, University of Technology	Y
30113	Antenna Systems, Propagations, and RF Design	Multi-Person Blockage Loss Modeling at Millimeter-Wave Band	Ximan Liu, State Key Laboratory of Networking and Switching Technology, Beijing U	Y
91774	Antenna Systems, Propagations, and RF Design	Nonlinear Distortion of Optical Power Signal in Visible Light Communications	Xiaoqian Wang, Future Research Lab, China Mobile Research Institute, China	Y
78291	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Beam Prediction for mmWave Massive MIMO using Adjustable Feature Fusion Learning	Sicheng Yang, State Key Laboratory of Integrated Service Networks, Xidian Universit	Y
98924	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	CANLite: Anomaly Detection in Controller Area Networks with Multitask Learning	Prashanth Balaji, Computer Science, University of Calgary, Canada Majid Ghaderi, C	Y
88162	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	CNN Based Target Classification in Vehicular Networks with Millimeter-Wave Radar	Lele Zhang, Electronic Information Engineering, Beijing Jiaotong University, China S	Y
57092	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Cooperative Friendly Jamming in Swarm UAV-assisted Communications with Wireless Energy Harvesting	Hanh Dang, Faculty of Engineering and IT, University of Technology Sydney, Australi	Y
35433	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Digital Twin Empowered Model Free Prediction of Accident-Induced Congestion in Urban Road Networks	Xingyi Ji, State Key Laboratory of Integrated Services Networks, Xidian University, Ch	Y
43274	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Efficient and secure pedestrian detection in intelligent vehicles based on federated learning	Guan Wang, College of Information Engineering, Capital Normal University, China X	Y
87665	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Enhanced K-means-type Clustering Algorithm with Seeding Constraints for the VANET	Tao Cui, R&D Center Beijing, China, SONY (China) Ltd, China Chen Sun, R&D Center	Y
38019	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Enhanced Rerouting Mechanism with Machine Learning for Travel Time and Congestion Reduction	Ying-Tsu Tseng, Computer Science and Information Engineering, National Taiwan Un	Y
47808	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Fusing Onboard Modalities with V2V Information for Autonomous Driving	Haodong Wan, School of Telecommunication Engineering, Xidian University, China	Y
12569	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Integrated Generative-Model Domain-Adaptation for Object Detection under Challenging Conditions	Mazin Hnewa, Electrical and Computer Engineering, Michigan State University, Unit	Y
72856	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Mixture of Experts based Model Integration for Traffic State Prediction	Rajarshi Chattopadhyay, Electrical and Computer Engineering, National University o	Y
33199	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Parking Behaviour Analysis of Shared E-Bike Users Based on a Real-World Dataset - A Case Study in Dublin, Ireland	Sen Yan, Faculty of Engineering and Computing, Dublin City University, Ireland Min	Y
95440	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Re-planning Optimization of Cooperative Vehicle Coordination at Road Intersections	Chunsheng Chen, School of Electronics and Information Engineering, Harbin Institut	Y
90086	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Risk Avoidance by Vehicular Knowledge Networking	Seyhan Ucar, Intelligent Mobility System, InfoTech Labs,Toyota Motor North Americ	Y
40573	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Traffic Light Optimization for Vehicles and Pedestrians through Evolution Strategies	Lucas Gomes, GTA/Polii/COPPE/UFRJ, Universidade Federal do Rio de Janeiro, Brazil	Y
55445	Electric Vehicles, Vehicular Electronics, and Intelligent Transportation	Vehicle Width Detection Based on Millimeter-Wave LFM CW Radar for Autonomous Driving	Qiang Wang, School of Electronic Information Engineering, Beijing Jiaotong Universi	Y
27088	Emerging Technologies, 6G and Beyond	A Successive Deep Q-Learning Based Distributed Handover Scheme for Large-Scale LEO Satellite Networks	Haotian Liu, School of Information and Communications Engineering, Xi'an Jiaotong	Y
50929	Emerging Technologies, 6G and Beyond	Doppler Diversity Reception for OTFS Modulation	Zhihan Gong, School of Information Science and Engineering, Southeast University,	Y
76005	Emerging Technologies, 6G and Beyond	Multiuser Scheduling with Enhanced Greedy Techniques for Multicell and Cell-Free Massive MIMO Systems	Saeed Mashdour, Departamento de Engenharia Eletrica, Centre for Telecommunica	Y
24137	Emerging Technologies, 6G and Beyond	Performance Evaluation of Unsourced Multiple Access with Polarization-Adjusted Convolutional Coding	Zhuangzhuang Sun, National Key Laboratory of Science and Technology on Commu	Y
62854	Emerging Technologies, 6G and Beyond	Reinforcement Learning based Multi-Attribute Slice Admission Control for Next-Generation Networks in a Dynamic Pricing Environment	Victor da Cruz Ferreira, PESC, Universidade Federal do Rio de Janeiro, Brazil Haitha	Y
99815	Emerging Technologies, 6G and Beyond	Robust Beamforming Design for RIS-Aided NOMA Networks With Imperfect Channels	Fengming Yang, College of Telecommunications and Information Engineering, Nanji	Y
65830	Green Communications and Networks	Energy and Spectrum Efficient Radio Frequency Fingerprint Intelligent Blind Identification	MINGQIAN LIU, State Key Laboratory of Integrated Service Networks, Xidian Univer	Y
64547	Green Communications and Networks	Performance Analysis of an STBC-MIMO LoRa System over Nakagami and Ricean Fading Channels with Imperfect Channel State Information	Huan Ma, School of Information Engineering, Guangdong University of Technology,	Y
62480	Green Communications and Networks	Resource Allocation and Offloading Strategy in Mobile Edge Computing Considering Mobility and Inter-user Relevance	Suyun Kang, Information and Communication Engineering, Zhengzhou University, C	Y
87642	Green Communications and Networks	Resource Allocation Strategy for UAV-assisted Non-linear Energy Harvesting MEC System	Ximei He, College of Physics and Information Engineering, Fuzhou University, China	Y
21020	Green Communications and Networks	Throughput and Energy Aware Range Maximization in Cooperative Backscatter Communication Systems	Amus Chee Yuen Goay, School of Electrical Engineering and Telecommunications, U	Y
31101	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	A Fairness-tunable Strategy for Intelligent Energy Balancing in UAV-IoT Systems	Xiao-Hui Lin, Department of Communication Engineering, Shenzhen University, Chir	Y
81487	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	A Stackelberg Game and Federated Learning Assisted Spectrum Sharing Framework for IoV	Yuntao Zhu, School of Electronic Science and Engineer, Nanjing University, China De	Y
51385	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	A Station Grouping Method Considering Heterogeneous Traffic and Multiple Data Rates for IEEE 802.11ah Networks with Non-uniform Station Deployment	Ren Nishida, Graduate School of Engineering, Mie University, Japan Maki Shimokav	Y
38903	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Age of Information in Wireless Sensor Networks with Non-linear Energy Harvesting and Outdated Channel State Information	Zhenchao Hao, College of Computer Science and Engineering, Northwest Normal Un	Y
55866	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Age of Information Optimization in Heterogeneous Multi-access Cognitive Radio Networks	Junyan Wang, College of Computer Science and Engineering, Northwest Normal Uni	Y
84537	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Blockchain-assisted D2D Data Sharing in Fog Computing	Yi Peng, School of Communication and Information Engineering, Chongqing Univers	Y
56637	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Blockchain-enabled FD-NOMA based Vehicular Network with Physical Layer Security	Ferheen Ayaz, Department of Engineering and Design, University of Sussex, United I	Y
81527	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Bulk Transmissions for S-ALOHA Systems	Yangqian Hu, Electrical and Electronic Engineering, Hanyang University, South Korea	Y
51058	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Collision-Aware Random Access Control with Preamble Reuse for Industrial IoT	Ziming Guo, School of Electronics and Information Engineering, Harbin Institute of T	Y
95350	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Delay-Minimized Routing for Full-Duplex Vehicular Ad-Hoc Networks	Momiao Zhou, School of Computer Science and Information Engineering, Hefei Univ	Y

93115	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Design and Implementation of Adaptive-Bitrate-Streaming-based Edge Caching	Yinxin Li, The State Key Laboratory of Integrated Services Networks, Xidian University	Y
68269	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Dynamic Game-based Caching Replacement in Edge Networks	Huixian Gu, Xidian University, The State Key Laboratory of Integrated Services Networks	Y
20054	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Enhanced Preamble Based MAC Mechanism for IIoT-oriented PLC Network	Kai Song, Department of Electronic Engineering, Shanghai Jiao Tong University, China	Y
27160	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	FD-M2MMAC: A Full-Duplex Many-to-Many MAC Protocol for Wireless Ad Hoc Networks	Wilton Santana, Centro de Informática, Universidade Federal de Pernambuco, Brazil	Y
74574	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Federated Deep Reinforcement Learning-Based Task Allocation in Vehicular Fog Computing	Jinming Shi, Department of Electronic Engineering, Tsinghua University, China Jun Chen	Y
28899	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	GBHO: A Gain-Based Heuristic Offloading Algorithm in Vehicular Edge Computing	TZUNG-REN KUO, School of Electronics, Peking University, Peking University, China	Y
57537	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Global Edge Bandwidth Cost Gradient-based Heuristic for Fast Data Delivery to Connected Vehicles under Vehicle Overlaps	Akshaj Gupta, Computer Systems Group, International Institute of Information Technology	Y
14020	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Index Coded - NOMA in Vehicular Ad Hoc Networks	Sreelakshmi P, Electronics and Communication Engineering, National Institute of Technology	Y
96633	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Index Coded Modulation in Network to Vehicle (N2V) Communication	Jesy Pachat, Electronics and Communication Department, National Institute of Technology	Y
23356	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	IntelligentChain: Blockchain and Machine Learning based Intelligent Security Application for Internet of Vehicles (IoV)	Amrithesh Kumar, IDRIP: IoT & Applications, Indian Institute of Technology Jodhpur, India	Y
30808	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	MAB-Based 3-Way Neighbor Discovery for Wireless Networks Using Directional Antennas	Wenliang Sun, Electronic Engineering, Tsinghua University, China YiChen Wu, Electronic	Y
79419	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Optimal Update for Energy Harvesting Sensor with Reliable Backup Energy	Lixin Wang, Electronic Engineering, Tsinghua University, China Fuzhou Peng, School of	Y
19922	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Path-Aware OMP Algorithms for Provenance Recovery in Wireless Networks	Shilpi Mishra, Bharti School of Telecommunications, IIT Delhi, India Harshan Jagadeesh	Y
97242	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Proof-of-Communication-Capability Based Authentication in Blockchain-enabled Wireless Autonomous Vehicular Networks	Ali Hussain Khan, Electrical Engineering, LUMS, Pakistan Chuadhry Mujeeb Ahmed	Y
23317	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	QoS-Guarantee Access Management for Massive MTC Networks	Ting Qi, School of Communications and Information Engineering, Nanjing University	Y
79816	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	RIS-Assisted Over-the-Air Computation in Millimeter Wave Communication Networks	Lin Hu, School of Information Science and Technology, ShanghaiTech University; China	Y
10319	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Scheduling to Minimize Control Cost in Multi-loop Wireless Networked Control with Imperfect Sensors	He Ma, Department of Electronic Engineering, Tsinghua University, China Lixin Wang	Y
48818	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	V2E Association and Resource Allocation via Deep Reinforcement Learning in MEC-based HetVNs	Yuying Wu, National Mobile Communications Research Laboratory, Southeast University	Y
92401	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Wake-up Control for Energy-Efficient Anomaly Detection in Wireless Sensor Networks	Hitoshi Kawakita, Graduate School of Science and Engineering, Kansai University, Japan	Y
71378	IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking	Workflow Scheduling Using Hybrid PSO-GA Algorithm in Serverless Edge Computing for the Internet of Things	Renchao Xie, Information and Communication Engineering, Beijing University of Post and	Y
21489	Machine Learning and AI for Communications	A Deep Reinforcement Learning based Analog Beamforming Approach in Downlink MISO Systems	Hang Zhou, Faculty of Engineering, Ibaraki University, Japan Xiaoyan Wang, Faculty of	Y
51992	Machine Learning and AI for Communications	A Neural-Network-Based Uplink Interference Identification Algorithm for Ultra-Dense networks	Ganyuan Duan, School of Information and Communication Engineering, Beijing University	Y
78085	Machine Learning and AI for Communications	A Novel Probe Selection Algorithm based on Standard FR1 MIMO OTA Testing Solutions	Xiaohang Yang, Mobile Communications Innovation Center, CAICT, China Hao Sun, National	Y
84893	Machine Learning and AI for Communications	A Scheme for Uplink NOMA Communication with Intelligent Resource Allocation for mMTC Traffic over eMBB Traffic	Xiangyu Zhu, School of Information Science and Engineering, Southeast University, China	Y
54742	Machine Learning and AI for Communications	Adaptive Function Placement with Distributed Deep Reinforcement Learning in RAN Slicing	Yu Tsukamoto, Wireless Technology Division, KDDI Research, Inc., Japan Haruhisa Hara	Y
57330	Machine Learning and AI for Communications	An Improved Automatic Modulation Classification Scheme Based on Adaptive Fusion Network	Hao Shi, School of Microelectronics, Xidian University, China Qi Peng, School of Micro	Y
77340	Machine Learning and AI for Communications	Automatic Modulation Classification for Cognitive Radio Systems using CNN with Probabilistic Attention Mechanism	Abhishek Gupta, Electrical Computer and Biomedical Engineering, Ryerson University	Y
27930	Machine Learning and AI for Communications	Beamforming and Resource Allocation in Multi-cell OFDMA Systems based on Deep Transfer Reinforcement Learning	Gaoxiang Sun, School of Communication and Information Engineering, Nanjing University	Y
92959	Machine Learning and AI for Communications	Clustering Optimization and HOG Feature Extraction based Primary User Activity Scene Recognition Scheme	Yu Wang, School of Communication and Information Engineering, Chongqing University	Y
99320	Machine Learning and AI for Communications	Compressed Beam Selection for Single/multi-cell Beam Management	Xia Li, State Key Laboratory of Mobile Network and Mobile Multimedia Technology, China	Y
90588	Machine Learning and AI for Communications	Deep Learning for Fast Beam Tracking using RSRP in Millimeter Wave MIMO Systems	Jiankun Zhang, Wireless Terminal Chipset Algorithm Development Dept, HS, Huawei	Y
77266	Machine Learning and AI for Communications	Deep Learning-Based Time-varying Channel Prediction for MIMO Systems	Shiyu Zhang, State Key Laboratory of Networking and Switching Technology, Beijing	Y
53762	Machine Learning and AI for Communications	Deep Reinforcement Learning-Based Task Scheduling in Heterogeneous MEC Networks	Ying Shang, School of Telecommunications Engineering, Xidian University, China Jin	Y
54132	Machine Learning and AI for Communications	Delivery with UAVs: a simulated dataset via ATS	Giulio Rigoni, Department of Mathematics and Computer Science, University of Florence	Y
84967	Machine Learning and AI for Communications	Ensemble-Based Distributed Learning for Generative Adversarial Networks	Chonghe Liu, Department of Information Science, Zhejiang University, China Jinke Fan	Y
94110	Machine Learning and AI for Communications	Joint Fine Time Synchronization and Channel Estimation Using Deep Learning for Wireless Communication Systems	Chin-Liang Wang, Department of Electrical Eng. and Institute of Communications Engin	Y
31185	Machine Learning and AI for Communications	Joint Weighted and Truncated Nuclear Norm Minimization for Matrix Completion-Assisted mmWave Massive MIMO Channel Estimation	Yunyi Li, School of Computer Science and Engineering, Hunan University of Science and	Y
64274	Machine Learning and AI for Communications	MAB-based Joint Optimization of Wireless LAN and Machine Learning for Communication-efficient Distributed Inference in Lossy Networks	Kojin Yorita, School of Engineering, Tokyo Institute of Technology, Japan Sohei Itahara	Y
52318	Machine Learning and AI for Communications	Machine Learning based Interference Whitening in 5G NR MIMO Receiver	Shailesh Chaudhari, Modem research and development, Samsung Semiconductor, India	Y
42294	Machine Learning and AI for Communications	Millimeter-wave Received Power Prediction Using Point Cloud Data and Supervised Learning	Shoki Ohta, School of Engineering, Tokyo Institute of Technology, Japan Takayuki Nishida	Y
63058	Machine Learning and AI for Communications	Modeling and Analysis of Intermittent Federated Learning Over Cellular-Connected UAV Networks	Di-Chun Liang, Institute of Communications Engineering, National Yang Ming Chiao	Y
19402	Machine Learning and AI for Communications	Reinforcement Learning for Standards Design	Shahrukh Khan Kasi, AI4Networks Center, University of Oklahoma, United States Sa	Y
19714	Machine Learning and AI for Communications	ResNet-Based Top-N Transmit Antenna Selection Algorithm for Massive MIMO Systems	Yunfei Zheng, State Key Laboratory of Networking and Switching Technology, Beijing	Y
76869	Machine Learning and AI for Communications	SNR-aware Automatic Modulation Recognition based on Modified Deep Residual Networks	Jingya Yang, Wireless center, Institute of Computing Technology, Chinese Academy of	Y
29506	Machine Learning and AI for Communications	User Scheduling in Massive MIMO: A Joint Deep Learning and Genetic Algorithm Approach	Mostafa Mohammadkarimi, Electrical Engineering, Mathematics and Computer Science	Y
36639	Machine Learning and AI for Communications	Using Optimized Focal Loss for Imbalanced Dataset on Network Intrusion Detection System	Mulyanto Mulyanto, Electronic and Computer Engineering, National Taiwan University	Y
13006	Machine Learning and AI for Communications	Wireless Channel Prediction for Multi-user Physical Layer with Deep Reinforcement Learning	Man Chu, Department of Engineering, Shenzhen MSU-BIT University, China An Liu, Y	Y
42240	Multiple Antennas and Cooperative Communications	A Novel Hybrid Duplex Scheme for Two-hop Relaying System	Siling Liu, Microelectronics and Communication Engineering, Chongqing University,	Y
19888	Multiple Antennas and Cooperative Communications	A Novel Partial Joint Processing Architecture for distributed Massive MIMO	Supuni Gunasekara, Department of Electrical and Electronic Engineering, University	Y
46386	Multiple Antennas and Cooperative Communications	A Recursive Solution of Optimal Joint Transmit-Receive Diversity Weight Vectors	Fumiyuki Adachi, International Research Institute of Disaster Science, Tohoku Univer	Y
56711	Multiple Antennas and Cooperative Communications	A Two-Stage Adaptive Channel Estimation Scheme for Millimeter-Wave Massive MIMO Communication	Pengyuan Cheng, College of Information Science and Electronic Engineering, Zhejiang	Y
72216	Multiple Antennas and Cooperative Communications	A WMMSE Approach to Distortion-Aware Beamforming Design for Millimeter-Wave Massive MIMO Downlink Communication	Mengyu Wu, College of Information Science and Electronic Engineering, Zhejiang Univer	Y
54663	Multiple Antennas and Cooperative Communications	Achieving Constant Rate Covert Communication via Multiple Antennas	Wanyu Xiang, National Key Laboratory of Science and Technology on Communicatio	Y
62725	Multiple Antennas and Cooperative Communications	Beam Selection and Tracking for Amplify-and-Forward Repeaters	Adrian Schumacher, Mobile Networks, Swisscom (Switzerland) Ltd., Switzerland Ru	Y
76289	Multiple Antennas and Cooperative Communications	Beamforming, Antenna Selection, and Power Allocation Factor Design for Downlink Two-User MISO-NOMA Systems	Hao-Tse CHIU, Graduate School of Fundamental Science and Engineering, Waseda U	Y
80066	Multiple Antennas and Cooperative Communications	Characteristic Analysis and Modeling of Underground Space Wireless Communication Channels	Xingyu Ji, National Mobile Communications Research Laboratory, Southeast Univers	Y
45201	Multiple Antennas and Cooperative Communications	Intelligent Feedback Overhead Reduction (IFOR) in Wi-Fi 7 and Beyond	Mrugen Deshmukh, ECE, North Carolina State University, United States Zinan Lin, W	Y
33703	Multiple Antennas and Cooperative Communications	LSTM-based Spectral Efficiency Prediction by Capturing Wireless Terminal Movement in IRS-Assisted Systems	Yoshihiko Tsuchiya, Dept. of Information and Computer Technology, Tokyo Univer	Y
61173	Multiple Antennas and Cooperative Communications	On Relay-Based Subcarrier Allocation and Power Management in 5G Multicellular Networks	Konstantinos Psilopanagiotis, School of Electrical and Computer Engineering, Nation	Y

30706	Multiple Antennas and Cooperative Communications	On the Performance of HARQ in IoT Networking with UAV-mounted Reconfigurable Intelligent Surfaces	Dimitrios Tyrovolas, Electrical and Computer Engineering, Aristotle University of Thessaloniki	Y
41131	Multiple Antennas and Cooperative Communications	Outage Probability of Opportunistic Self-Backhauled Millimeter Wave Mobile Networks	Behrouz Maham, ECE, Nazarbayev University, Kazakhstan	Y
41885	Multiple Antennas and Cooperative Communications	Reconfigurable Meta-surface Reflectors: Practical Phase Adjustment Method and Experimental Validation	Takuya Ohto, Radio and Spectrum Laboratory, KDDI Research, Inc., Japan Hiromi Matsuura, KDDI Research, Inc., Japan	Y
84329	Multiple Antennas and Cooperative Communications	Reliability of Cooperative Communication over Correlated and Hybrid V2X Channels	Xian Liu, Systems Engineering, UALR, United States	Y
73653	Multiple Antennas and Cooperative Communications	Space-time coding design for multiple source nodes full-duplex cooperative communication	Ligang Liu, Key Laboratory of Wireless Sensor Network and Communications, Shanghai Institute of Systematic Engineering	Y
35974	Multiple Antennas and Cooperative Communications	Spectral Efficiency Optimization for mmWave Wideband MIMO RIS-assisted Communication	Pooja Nuti, Electrical and Computer Engineering, The University of Texas at Austin, USA	Y
28305	Multiple Antennas and Cooperative Communications	Suppressing Pilot Contamination for Massive Access in User-centric Cell-free Massive MIMO Systems	Manobendu Sarker, Department of Electrical and Computer Engineering, University of Ontario Institute of Technology	Y
78259	Multiple Antennas and Cooperative Communications	Throughput Based Adaptive Beamforming in 5G Millimeter Wave Massive MIMO Cellular Networks via Machine Learning	Spyros Lavdas, Computer Science, Neapolis University, Cyprus Panagiotis Gkonis, Department of Electrical and Computer Engineering, University of Cyprus	Y
77998	Multiple Antennas and Cooperative Communications	Two-Step Beamforming Scheme for Large-Dimension Reconfigurable Intelligent Surface	Xiang Li, Wireless Technology Division, DOCOMO Beijing Communication Laboratories	Y
76044	Multiple Antennas and Cooperative Communications	Uplink Power Allocation Scheme for User-Centric Cell-free Massive MIMO Systems	Manobendu Sarker, Department of Electrical and Computer Engineering, University of Ontario Institute of Technology	Y
70645	Positioning, Navigation, and Sensing	A Convex Optimization Approach to Satellite Selection for Global Navigation Satellite System (GNSS) Receivers	Natnael Zewge, Aerospace Engineering, KAIST, South Korea Taeho Kim, Aerospace Engineering, KAIST, South Korea	Y
62741	Positioning, Navigation, and Sensing	A Location Matching for IoT Devices Using Polarizations and RSSI Distributions	Daisuke Uchida, Research and Development Division, Toshiba Corporation, Japan Yoshihiro Uchida, Toshiba Corporation, Japan	Y
20281	Positioning, Navigation, and Sensing	Bayesian Optimisation-Assisted Neural Network Training Technique for Radio Localisation	Xingchi Liu, Automatic control and systems engineering, University of Sheffield, United Kingdom	Y
50483	Positioning, Navigation, and Sensing	CSI Ratio with Coloring-Assisted Learning for NLoS Motionless Human Presence Detection	Chia-Che Hsieh, Department of Electrical and Computer Engineering, National Yang Ming Chiao Tung University	Y
71449	Positioning, Navigation, and Sensing	Deep Reinforcement Learning Based Load Balancing Routing for LEO Satellite Network	Peiliang Zuo, Department of electronic and Communication Engineering, Beijing Institute of Technology	Y
46026	Positioning, Navigation, and Sensing	Detection and Exclusion of Incipient Fault for GNSS-based Train Positioning under Non-Gaussian Assumption	Xuan Yang, School of Electronic and Information Engineering, Beijing Jiaotong University	Y
28004	Positioning, Navigation, and Sensing	Dynamic Target Acceleration Estimation Using CSI	Jiacheng Wang, School of Communication and Information Engineering, Chongqing University	Y
87559	Positioning, Navigation, and Sensing	Fast Acquisition and Accurate Vital Sign Estimation with Deep Learning-Aided Weighted Scheme Using FMCW Radar	Hsin-Yuan Chang, Institute of Communications Engineering, National Tsing Hua University	Y
93807	Positioning, Navigation, and Sensing	Hybrid RSS-TDOA Measurements Based Directional Target Localization in NLOS Environments	Peiliang Zuo, Department of electronic and Communication Engineering, Beijing Institute of Technology	Y
87401	Positioning, Navigation, and Sensing	Implementation of Dynamic Radius Outlier Removal (DROR) Algorithm on LiDAR Point Cloud Data with Arbitrary White Noise Addition	Makhluk Hossain Prio, Electrical and Computer Engineering, Clemson University, USA	Y
52246	Positioning, Navigation, and Sensing	Index Coded PSK Modulation with Rotated Constellation for Prioritized Receivers	Anna Elizabeth Tom, Electrical Communication Engineering Department, Indian Institute of Technology Kharagpur	Y
85662	Positioning, Navigation, and Sensing	Indoor Pedestrian Localization Methods Using Contact Information from Bluetooth Low Energy Beacons Between Smartphones	Shino Shiraki, Graduate School of Engineering, Chiba University, Japan Aoi Suzuki, Graduate School of Engineering, Chiba University, Japan	Y
88973	Positioning, Navigation, and Sensing	Indoor Single Station 3D Localization Based on L-shaped Sparse Array	Xiaodong Wu, School of Communication and Information Engineering, Chongqing University	Y
76797	Positioning, Navigation, and Sensing	Location Drift Detection Method for Monocular Vision based Indoor Positioning	Shuang Jia, School of Electronics and Information Engineering, Harbin Institute of Technology	Y
13200	Positioning, Navigation, and Sensing	Positioning Error Analysis and Experiments on Underwater Optical Wireless Communication Induced by Light Beam Bending	Yingying Jiang, Key Laboratory of Wireless-Optical Communications, University of Science and Technology of China	Y
13543	Positioning, Navigation, and Sensing	Robust Target Detection, Position Deducing and Tracking Based on Radar Camera Fusion in Transportation Scenarios	Jiayin Deng, School of Information and Communication Engineering, Beijing University of Aeronautics and Astronautics	Y
10724	Positioning, Navigation, and Sensing	Self-Attention based Semi-Supervised Learning for Time-varying Wi-Fi CSI-based Adjoining Room Presence Detection	Kai-Jui Chen, Department of Electrical and Computer Engineering, National Yang Ming Chiao Tung University	Y
17970	Positioning, Navigation, and Sensing	The Synthetic Off-road Trail Dataset for Unmanned Motorcycle	Tinghai Yan, The Department of Automation, Tsinghua University, China Xudong Zhang, The Department of Automation, Tsinghua University, China	Y
96424	Positioning, Navigation, and Sensing	Toward Multiple Integrated Sensing and Communication Base Station Systems Collaborative Precoding Design with Power Constraint	Wangjun Jiang, Beijing, Beijing University of Posts and Telecommunications, China Jing Wang, Beijing, Beijing University of Posts and Telecommunications, China	Y
33393	Recent Results	A Joint Time-Varying Channel Estimation based on Compressive Sensing and LSTM	Xiaodong Han, School of Information and Communications Engineering, Xi'an Jiaotong University	Y
70955	Recent Results	Adaptive Beam Alignment Based on Deep Reinforcement Learning for High Speed Railways	Lei Wang, State Key Laboratory of Rail Traffic Control and Safety, Beijing Jiaotong University	Y
88068	Recent Results	Adaptive C-V2X Sidelink Communications for Vehicular Applications Beyond Safety Messages	Yu-Jen Ku, Electrical and Computer Engineering, University of California, San Diego, USA	Y
85545	Recent Results	Beam Domain Based Fingerprinting Indoor Localization with Multiple Antenna Systems	Chia Hsing Yang, Institute of Communications Engineering, National Yang Ming Chiao Tung University	Y
89542	Recent Results	BP MIMO Detection with MMSE Pre-cancellation Sub-matrix Switching	Takashi Imamura, Electronics and Electrical Engineering, Keio University, Japan Yukihiro Imamura, Electronics and Electrical Engineering, Keio University, Japan	Y
23699	Recent Results	DeepMCTS: Deep Reinforcement Learning Assisted Monte Carlo Tree Search for MIMO Detection	Tz-Wei Mo, Research Center for Information Technology Innovation, Academia Sinica	Y
64332	Recent Results	Distance-Aware Precoding for Near-Field Capacity Improvement in XL-MIMO	Zidong Wu, Department of Electronic Engineering, Tsinghua University, China Mingming Zhou, Department of Electronic Engineering, Tsinghua University, China	Y
48065	Recent Results	Experiments and Observations of 5G NSA Reliability and Latency Performance in Metro Train Environment	Ta-Sheng Lin, Electrical Engineering, National Taiwan University, Taiwan Jing-You Yang, Electrical Engineering, National Taiwan University, Taiwan	Y
42563	Recent Results	Hybrid Beamforming in mmWave MIMO-OFDM Systems via Deep Unfolding	Kuan-Yuan Chen, Institute of Communications Engineering, National Tsing Hua University	Y
68587	Recent Results	On the Design of Offset Spatial Modulation with Low PAPR	Yuanjie Hu, National Key Laboratory of Science and Technology on Communications Engineering	Y
14165	Recent Results	Performance of V2N Communication System with Mixed RF and Hybrid FSO/RF Transmissions	VSV Sandeep, Electronics and Communication Engineering, National Institute of Technology Karnataka	Y
17201	Recent Results	Spectral and Energy Efficient User Pairing for RIS-assisted Uplink NOMA Systems with Imperfect Phase Compensation	Kusuma Priya Pulavarty, EE, IIT Hyderabad, India Pavan Reddy Manne, EE, IIT Hyderabad, India	Y
79304	Recent Results	When Federated Learning and Mobile Intelligent Reflecting Surfaces Assist V2V Communications	Mutasem Q. Hamdan, EEE, The University of Manchester, United Kingdom Khairi A. Al-Hadi, The University of Manchester, United Kingdom	Y
57166	Recent Results	Wireless Powered Opportunistic Cooperative Backscatter Communications: To Relay or Not?	Rui Xu, School of Communications and Information Engineering, Xi'an University of Electronic and Technology	Y
78857	Signal Processing for Wireless Communications	A Novel Scheme to Mitigate the RNTI-FA in Blind Detection of 5G Polar Codes	KUANGDA TIAN, Wireless Terminal Chipset Algorithm Development Dept, Hisilicon, China	Y
51446	Signal Processing for Wireless Communications	Characterization of multi-TRP wireless propagation Channel in the Industrial Environment with Modeling of Robotic Arms	Jianyao Zhao, Wireless research department, Shanghai Huawei Technologies Co., Ltd	Y
31276	Signal Processing for Wireless Communications	Complex-valued Reinforcement Learning Based Dynamic Beamforming Design for IRS Aided Time-Varying Downlink Channel	Mengfan Liu, Department of Electrical and Electronic Engineering, Imperial College London	Y
92164	Signal Processing for Wireless Communications	CRC-Aided Adaptive Belief Propagation Decoding of NR LDPC Codes	Xianwen Zhang, National Mobile Communications Research Laboratory, southeast university	Y
77490	Signal Processing for Wireless Communications	Demodulation using High-Order Moments on a Stochastic Resonance Receiver with a Few-bit ADC	Akihiko Tatematsu, Graduate School of Engineering, Mie University, Japan Hiroyuki Tatematsu, Graduate School of Engineering, Mie University, Japan	Y
94535	Signal Processing for Wireless Communications	Encoding and Decoding of Polar Codes for Frequency Selective Fading Channels	Huiying Song, Information and Communications Engineering, Tokyo Institute of Technology	Y
33505	Signal Processing for Wireless Communications	Hierarchical BEM based Estimation of Doubly Selective Channels for OFDM Systems	Yanfeng Zhang, School of Electronic and Information Engineering, Harbin Institute of Technology	Y
12131	Signal Processing for Wireless Communications	Intelligent Reflecting Surface Joint Uplink-Downlink Optimization for NOMA Network	Mostafa Samy, Electronics and Communications Engineering, EJUST, Egypt Mohamed El-Hajj, Electronics and Communications Engineering, EJUST, Egypt	Y
57630	Signal Processing for Wireless Communications	MODERATE COMPLEXITY TURBO DECODER FOR NEAR-OPTIMUM DECODING OF PRODUCT CODES	GANESH YELLAPU, Central Research Laboratory, Bharat Electronics Limited, India	Y
81380	Signal Processing for Wireless Communications	Multi-LED Transmission Schemes using OTFS Modulation in Visible Light Communication	Sujata Sinha, Department of ECE, Indian Institute of Science, India A Chockalingam, Department of ECE, Indian Institute of Science, India	Y
47887	Signal Processing for Wireless Communications	Multiple Access Communications for Age Minimization in UAV Aided Data Collection	Oktay Ogutcu, Electrical and Electronics Engineering, TOBB University of Economics and Technology	Y
92135	Signal Processing for Wireless Communications	Performance Analysis of OTFS with Imperfect Delay-Doppler Channel State Information	Ashwitha Naikoti, Department of ECE, Indian Institute of Science, India Ananthanarayanan, Department of ECE, Indian Institute of Science, India	Y
36113	Signal Processing for Wireless Communications	Phase-Noise-Aware LLR Calculation for mmWave MIMO Systems with High-Order Modulation	Daiki Wakumoto, Graduate School of Engineering, Osaka University, Japan Takumi Wakumoto, Graduate School of Engineering, Osaka University, Japan	Y
49095	Signal Processing for Wireless Communications	Pre-Calibration Techniques for Transmitter-Side RF Imbalance and Spectrum Distortion	Juinn-Hong Deng, Electrical Engineering, Yuan Ze University, Taiwan Pavan Vatali, Electrical Engineering, Yuan Ze University, Taiwan	Y
28212	Signal Processing for Wireless Communications	Precoded Batched Sparse Codes Transmission Based on Low-Density Parity-Check Codes	Shiheng Wang, Southwest Jiaotong University, Communication and Sensor Network Engineering	Y
72171	Signal Processing for Wireless Communications	Repetition Using Cyclic Frequency Diversity in UL-PD-NOMA and Its Hardware Experiment	Atsushi Kurosawa, Wireless System Laboratory, National Institute of Information and Communications Technology	Y

49181	Signal Processing for Wireless Communications	Signal Separation of Collided AIS Packets Employing Iterative Channel Parameter Estimation in Space-based AIS	Kohei Nozaki, Department of Information and Communications Engineering, Tokyo	Y
66190	Signal Processing for Wireless Communications	Sparse Recovery Algorithms Implementations for Short Packet Communications	Ahlam Alshukailli, EEE, The University of Manchester, United Kingdom Khairi Hamd	Y
66437	Signal Processing for Wireless Communications	Synchronization Algorithm of 5G New Waveform Based on Index Modulation	JingMin Liu, Information Engineering, Chang'an University, China Mengjie Wang, W	Y
26371	Signal Processing for Wireless Communications	Trained and Robust Parameter Based Path Sampling for Low Complexity MIMO Detection in 5G-NR	Jing Qian, Wireless Terminal Chipset Algorithm Development Dept, Huawei Technol	Y
82759	Signal Processing for Wireless Communications	Ultra high speed 802.11n LDPC decoder with seven-stage pipeline in 28 nm CMOS	Lukasz Lopacinski, System Architectures, IHP Leibniz-Institut für innovative Mikroele	Y
51010	Signal Processing for Wireless Communications	Uplink Channel Estimation for Intelligent Reflecting Surface Aided Direct and Reflected Users	Qianqian Du, School of Information Science and Engineering, Shandong University, C	Y
76301	Signal Processing for Wireless Communications	Waveform Based on ZAC Sequences	Fredrik Berggren, RTT Lab, Huawei Technologies Sweden AB, Sweden Branislav M.	Y
56231	Spectrum Management, Radio Access Technology, Services and Security	A Hard and Soft Hybrid Slicing Framework for Service Level Agreement Guarantee via Deep Reinforcement Learning	Heng Zhang, School of Communication & Information Engineering, Shanghai Univer	Y
78937	Spectrum Management, Radio Access Technology, Services and Security	A Small Cipher with Two-Layer Discrete Logarithm: Design and Simulation	Xian Liu, Systems Engineering, UALR, United States	Y
63048	Spectrum Management, Radio Access Technology, Services and Security	Adaptive Discontinuous Reception in 5G Advanced for Extended Reality Applications	Stefano Paris, Strategy And Technology, Nokia, France Klaus Pedersen, Strategy and	Y
75896	Spectrum Management, Radio Access Technology, Services and Security	Channel Reservation based Load Aware Handover for LEO Satellite Communications	Yaoqi Liu, Wireless communication technology research center, Institute of Comput	Y
19326	Spectrum Management, Radio Access Technology, Services and Security	Computing and Storage Resources Allocation of UPF Based on Isolation in Private 5G Networks	Sun Qian, Institute of Computing Technology, Chinese Academy of Sciences, China	Y
24823	Spectrum Management, Radio Access Technology, Services and Security	Could IEEE 802.11bc Enhance Data Broadcast Performance for Moving Station: A Frame Loss Perspective	Leiyu Que, Department of Information Science & Technology, Southwest Jiaotong U	Y
45773	Spectrum Management, Radio Access Technology, Services and Security	Efficient Resource Scheduling and Dispatch of Mobile Cell Sites to Improve 5G Performance	You-Chiun Wang, Computer Science and Engineering, National Sun Yat-sen Univers	Y
46649	Spectrum Management, Radio Access Technology, Services and Security	Emission-aware Resource Optimization Framework for \\Backscatter-enabled Uplink NOMA Networks	Muhammad Ali Jamshed, James Watt School of Engineering, University of Glasgow,	Y
58050	Spectrum Management, Radio Access Technology, Services and Security	Ergodic Rate Characterization for Rate-Splitting Multiple Access Based Underwater Wireless Optical Communications	Fangyuan Xing, College of Control Science and Engineering, Zhejiang University, Chi	Y
17478	Spectrum Management, Radio Access Technology, Services and Security	From PHY to QoE: A Parameterized Framework Design	Hao Wang, Wireless Terminal Chipset Algorithm Development Dept, Hisilicon, Hua	Y
29194	Spectrum Management, Radio Access Technology, Services and Security	Handover Skipping Analysis in Dense Cellular Network Using Poisson Cluster Process	Yifan Xu, Department of Mathematical and Computing Science, Tokyo Institute of T	Y
42248	Spectrum Management, Radio Access Technology, Services and Security	Hybrid Multiple Access Resource Allocation based on Multi-agent Deep Transfer Reinforcement Learning	Yijian Zhang, School of Communication and Information Engineering, Nanjing Unive	Y
25417	Spectrum Management, Radio Access Technology, Services and Security	Load Balancing Based on Spatial-temporal Prediction for Ultra-Dense Network	Miaona Huang, School of Electrical Engineering and Intelligitization, Dongguan Ur	Y
70669	Spectrum Management, Radio Access Technology, Services and Security	Multi-beam-based Downlink Modeling and Power Allocation Scheme for Integrated Sensing and Communication towards 6G	Jianhao Wang, School of Information and Communication Engineering, Beijing Univ	Y
22427	Spectrum Management, Radio Access Technology, Services and Security	Physical-Layer Security for Multiuser Computation Offloading with Lyapunov Optimization	Qiuming Liu, School of Software Engineering, Jiangxi University of Science and Tech	Y
45801	Spectrum Management, Radio Access Technology, Services and Security	Resource Allocation Optimization for Next Generation RANs with Limited Fronthaul Capacity and BBU Pool Computation Capacity	Hongchao Chen, N/A, Samsung ResearchChina-Beijing(SRC-B),Beijing, China, China	Y
81715	Spectrum Management, Radio Access Technology, Services and Security	Safeguarding MmWave Systems Using Full-Duplex Jamming Receiver	Ying Ju, School of Telecommunications Engineering, Xidian University, China Mingji	Y
82749	Spectrum Management, Radio Access Technology, Services and Security	Secrecy-Aware Relay and Antenna Selection for MIMO Wiretap Spectrum-Sharing Network	Priyanka Das, ECE, International Institute of Information Technology Bangalore (IIIT	Y
59676	Spectrum Management, Radio Access Technology, Services and Security	Smoothing Method of User-equipment Accommodation for Blockchain-based Wireless Network Sharing	Takeru Fukushima, NTT Access Network Service Systems Laboratories, NTT Corpora	Y
96970	Spectrum Management, Radio Access Technology, Services and Security	SOME/IP Intrusion Detection System Using Real-Time and Retroactive Anomaly Detections	Takuma Koyama, Well-being Research Project, NTT Social Informatics Laboratories,	Y
96656	Spectrum Management, Radio Access Technology, Services and Security	Swift Estimation Method of Available Bandwidth to Realize Robust Wireless Video Transmission Systems	Akihiro Wada, Research Unit, Fujitsu Ltd., Japan Tatsuya Kikuzuki, Research Unit, Fu	Y
66991	Spectrum Management, Radio Access Technology, Services and Security	Terminal Selection Based on Multi-armed Bandit under Threatening Environment for Radio Environment Map Construction	Ying GAO, Advanced Wireless and Communication research Center, The University of	Y
66249	Vehicle Cooperation and Control, Assisted and Autonomous Driving	A Blockchain-based Lightweight Authentication Protocol for Vehicular Platoons	Ivan Edmar Carvajal-Roca, Electronic Engineering, Tsinghua University, China Jinmir	Y
73756	Vehicle Cooperation and Control, Assisted and Autonomous Driving	A Threat Model and Security Recommendations for IoT Sensors in Connected Vehicle Networks	Sajib Kumar Kuri, Systems and Computer Engineering, Carleton University, Canada	Y
44423	Vehicle Cooperation and Control, Assisted and Autonomous Driving	Decentralised control of a mixed traffic platoon of connected cars and human-driven motorcycles	Uddipan Barooah, School of Computing and Electrical Engineering, Indian Institute of	Y
84322	Vehicle Cooperation and Control, Assisted and Autonomous Driving	Full-protocol safety analysis of CINNAMON	Luca Dariz, R&D engineer, IEEE, Switzerland Gianpiero Costantino, IIT, CNR, Italy Ila	Y
76181	Vehicle Cooperation and Control, Assisted and Autonomous Driving	Hybrid Reinforcement Learning based controller for autonomous navigation	Ajinkya Joglekar, Automotive Engineering, Clemson University, United States Venka	Y
60640	Vehicle Cooperation and Control, Assisted and Autonomous Driving	Mining Image Semantics via Deep Learning: A Robust Lane Detection Approach for Autonomous Driving	Shuo Wang, State Key Laboratory of Integrated Services Networks, Xidian University	Y
48225	Vehicle Cooperation and Control, Assisted and Autonomous Driving	NR-U Deep Receiver for WiFi Presence Detection	Tao Tao, Bell Labs China, Nokia, China Qiang Feng, Bell Labs China, Nokia, China Ch	Y
72422	Vehicle Cooperation and Control, Assisted and Autonomous Driving	On the Awareness of Connected Vehicles at Unsignalized Intersections	Sergei Avedisov, InfoTech Labs, Toyota North America R&D, United States Takamas	Y
55923	Vehicle Cooperation and Control, Assisted and Autonomous Driving	Rule-Based Cooperative Lane Change Control to Avoid a Sudden Obstacle in a Multi-Lane Road	Shinka Asano, Graduate School of Integrated Science and Technology, Shizuoka Uni	Y
88815	Vehicle Cooperation and Control, Assisted and Autonomous Driving	Synthesizing Radar Detections of Target Objects for Unmanned Vehicle Behavioral Simulation	Ganesh Kumar, Research and Advanced Engineering, Ford Motor Company, United	Y
38890	Vehicle Cooperation and Control, Assisted and Autonomous Driving	Uncertainty Quantification-Based Unmanned Aircraft System Detection using Deep Ensembles	Rajeev Sahay, Counter Autonomy and Physical Security, Sandia National Laborator	Y