SL.NO	NS2 Titles
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IEEENS2201602	HDEER : A Distributed Routing Scheme for Energy-Efficient Networking
IEEENS2201603	Mobile Coordinated Wireless Sensor Network: An Energy Efficient Scheme for Real-Time Transmissions
IEEENS2201604	A secure-efficient data collection algorithm based on self-adaptive sensing model in mobile Internet of vehicles
IEEENS2201605	Resisting black hole attacks on MANETs
IEEENS2201606	Secret Common Randomness From Routing Metadata in Ad Hoc Networks
IEEENS2201607	Queue Stability Analysis in Network Coded Wireless Multicast Network
IEEENS2201608	Delay-Energy Tradeoff in Multicast Scheduling for Green Cellular Systems
IEEENS2201609	Delay Analysis of Social Group Multicast-Aided Content Dissemination in Cellular System
IEEENS2201610	End-to-End coding for TCP
IEEENS2201611	Link Allocation for Multiuser Systems With Hybrid RF/FSO Backhaul: Delay-Limited and Delay-Tolerant Designs
IEEENS2201612	Fair Routing for Overlapped Cooperative Heterogeneous Wireless Sensor Networks
IEEENS2201613	Adaptive and Channel-Aware Detection of Selective Forwarding Attacks in Wireless Sensor Networks
IEEENS2201614	Reverse Update : A Consistent Policy Update Scheme for Software-Defined Networking
IEEENS2201615	On the Throughput-Delay Tradeoff in Georouting Networks

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SL.NO	Cognitive Radio Networks (CRN)
IEEENS2201616	Robust adaptive power control for cognitive radio networks
IEEENS2201617	Mobility Prediction Based Joint Stable Routing and Channel Assignment for Mobile Ad Hoc Cognitive Networks
IEEENS2201618	Energy-Efficient Hybrid CCC-Based MAC Protocol for Cognitive Radio Ad Hoc Networks
IEEENS2201619	Energy Efficiency Based Optimal Relay Selection Scheme with a BER Constraint in Cooperative Cognitive Radio Networks
IEEENS2201620	Location Information Assisted Joint Spectrum Sensing and Power Allocation for Cognitive Radio Networks with Primary User Outage Constraint
IEEENS2201621	Adaptive TTCM Aided Near-Instantaneously Adaptive Dynamic Network Coding for Cooperative Cognitive Radio Networks
IEEENS2201622	Channel-Aware Spectrum Sensing and Access for Mobile Cognitive Radio Ad Hoc Networks
IEEENS2201623	Throughput Optimization in Multi-Channel Cognitive Radios with Hard Deadline Constraints
IEEENS2201624	Delay-Constrained Caching in Cognitive Radio Networks
IEEENS2201625	DCCC-MAC: A Dynamic Common Control Channel-Based MAC Protocol for Cellular Cognitive Radio Networks
IEEENS2201626	Joint Beamforming, Power and Channel Allocation in Multi-User and Multi-Channel Underlay MISO Cognitive Radio Networks
IEEENS2201627	Adaptive Power Allocation Schemes for Spectrum Sharing in Interference Alignment (IA)-Based Cognitive Radio Networks
IEEENS2201628	Energy-efficient and Mobile-aided Cooperative Localization in Cognitive Radio Networks
IEEENS2201629	Semi-Structure Routing and Analytical Frameworks for Cognitive Radio Networks
IEEENS2201630	Cooperative Generalized Sensing-based Spectrum Sharing Approach for Centralized Cognitive Radio Networks
IEEENS2201631	Defence against SSDF Attack in Cognitive Radio Networks: Attack-Aware Collaborative Spectrum Sensing Approach
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IEEENS2201635	Secure Beam forming in Wireless-Powered Cooperative Cognitive Radio Networks
IEEENS2201636	Dynamic Channel Access to Improve Energy Efficiency in Cognitive Radio Sensor Networks
IEEENS2201637	Energy-efficient Cognitive Transmission with Imperfect Spectrum Sensing
IEEENS2201638	Joint Spectrum Sensing and Resource Allocation Scheme in Cognitive Radio Networks with Spectrum Sensing Data Falsification Attack
IEEENS2201639	On Throughput Maximization in Multi-Channel Cognitive Radio Networks via Generalized Access Strategy
IEEENS2201640	Outage Analysis of Underlay Cognitive Radio Networks with Multi-Hop Primary Transmission
IEEENS2201641	Achievable Throughput Analysis of Opportunistic Spectrum Access in Cognitive Radio Networks with Energy Harvesting

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IEEENS2201643	Mobility Prediction Based Joint Stable Routing and Channel Assignment for Mobile Ad Hoc Cognitive Networks
IEEENS2201644	Content-Centric Wireless Networks With Limited Buffers: When Mobility Hurts
IEEENS2201645	Energy-Efficient Hybrid CCC-Based MAC Protocol for Cognitive Radio Ad Hoc Networks
IEEENS2201646	Optimal Secrecy Capacity-Delay Trade-off in Large-Scale Mobile Ad Hoc Networks
IEEENS2201647	Outage Probability Analysis of Linear MANETs in Dual-Hop AF Systems with Noisy Relay and Interference-Limited Destination
IEEENS2201648	Dynamic Routing for Flying Ad Hoc Networks
IEEENS2201649	Channel-Aware Spectrum Sensing and Access for Mobile Cognitive Radio Ad Hoc Networks
IEEENS2201650	Practical Asynchronous Neighbour Discovery in Ad Hoc Networks with Directional Antennas

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IEEENS2201654	Energy-Efficient Infrastructure Sensor Network for Ad Hoc Cognitive Radio Network
IEEENS2201655	On Residual Path Lifetime in Mobile Networks
IEEENS2201656	On the Throughput Capacity Study for Aloha Mobile Ad Hoc Networks
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IEEENS2201658	DaGCM: A Concurrent Data Uploading Framework for Mobile Data Gathering in Wireless Sensor Networks
IEEENS2201659	E2R2: Energy-Efficient and Reliable Routing for Mobile Wireless Sensor Networks
IEEENS2201660	Optimized Node Selection for Compressive Sleeping Wireless Sensor Networks
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IEEENS2201662	Lifetime and Energy Hole Evolution Analysis in Data-Gathering Wireless Sensor Networks
IEEENS2201663	End-to-End Reliability-Aware Scheduling for Wireless Sensor Networks
IEEENS2201664	Towards Distributed Optimal Movement Strategy for Data Gathering in Wireless Sensor Networks
IEEENS2201665	Joint Optimization of Lifetime and Transport Delay under Reliability Constraint Wireless Sensor Networks
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	Lifetime Elongation in Wireless Sensor Networks
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IEEENS2201674	DTMAC: A Delay Tolerant MAC Protocol for Underwater Wireless Sensor Networks
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IEEENS2201676	Adaptive and Channel-Aware Detection of Selective Forwarding Attacks in Wireless Sensor Networks
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IEEENS2201683	Maximum Data Collection Rate in Rechargeable Wireless Sensor Networks with Multiple Sinks
IEEENS2201684	A Recursive Shortest Path Routing Algorithm with application for Wireless Sensor Network Localization

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IEEENS2201686	Non-Intrusive Planning the Roadside Infrastructure for Vehicular Networks
IEEENS2201687	Historical Spectrum Sensing Data Mining for Cognitive Radio Enabled Vehicular Ad-hoc Networks
IEEENS2201688	A Street-centric Opportunistic Routing Protocol Based on Link

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	Correlation for Urban VANETs
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IEEENS2201690	Dual Authentication and Key Management Techniques for Secure Data Transmission in Vehicular Ad Hoc Networks
IEEENS2201691	A Stochastic Geometry Approach to the Modelling of DSRC for Vehicular Safety Communication
IEEENS2201692	A GTS Allocation Scheme to Improve Multiple-Access Performance in Vehicular Sensor Networks
IEEENS2201693	Autonomous-Vehicle Public Transportation System: Scheduling and Admission Control
IEEENS2201694	ART: An Attack-Resistant Trust Management Scheme for Securing Vehicular Ad Hoc Networks

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