## Lang Tong

## List of Publications by Year in descending order

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156536 156644 5,467 212 32 58 h-index citations g-index papers 215 215 215 4149 docs citations times ranked citing authors all docs

| #  | Article   | IF  | Citations |
|----|---|-----|-----------|
| 1  | A Scenario-Oriented Approach to Energy-Reserve Joint Procurement and Pricing. IEEE Transactions on Power Systems, 2023, 38, 411-426.  | 4.6 | 7         |
| 2  | On Net Energy Metering X: Optimal Prosumer Decisions, Social Welfare, and Cross-Subsidies. IEEE Transactions on Smart Grid, 2023, 14, 1652-1663.  | 6.2 | 7         |
| 3  | A Deep Learning Approach to Anomaly Sequence Detection for High-Resolution Monitoring of Power Systems. IEEE Transactions on Power Systems, 2023, 38, 4-13.   | 4.6 | 2         |
| 4  | Coordinated Transaction Scheduling in Multi-Area Electricity Markets: Equilibrium and Learning. IEEE Transactions on Power Systems, 2023, 38, 996-1008.   | 4.6 | 3         |
| 5  | Asymptotically Optimal Lagrangian Priority Policy for Deadline Scheduling With Processing Rate Limits. IEEE Transactions on Automatic Control, 2022, 67, 236-250.   | 3.6 | 2         |
| 6  | Optimal Eco-Driving Control of Autonomous and Electric Trucks in Adaptation to Highway Topography: Energy Minimization and Battery Life Extension. IEEE Transactions on Transportation Electrification, 2022, 8, 2149-2163. | 5.3 | 11        |
| 7  | State and Topology Estimation for Unobservable Distribution Systems Using Deep Neural Networks. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.   | 2.4 | 23        |
| 8  | Non-Bayesian Parametric Missing-Mass Estimation. IEEE Transactions on Signal Processing, 2022, 70, 3709-3725.   | 3.2 | 1         |
| 9  | Voltage Instability Prediction Using a Deep Recurrent Neural Network. IEEE Transactions on Power Systems, 2021, 36, 17-27.  | 4.6 | 26        |
| 10 | Adaptive Subband Compression for Streaming of Continuous Point-on-Wave and PMU Data. IEEE Transactions on Power Systems, 2021, 36, 5612-5621.   | 4.6 | 8         |
| 11 | Risk-Sensitive Optimization And Pricing For The Modern Power Grid. , 2021, , .  |     | O         |
| 12 | Fast Probabilistic Hosting Capacity Analysis for Active Distribution Systems. IEEE Transactions on Smart Grid, 2021, 12, 2000-2012.   | 6.2 | 27        |
| 13 | Pricing Multi-Interval Dispatch Under Uncertainty Part I: Dispatch-Following Incentives. IEEE Transactions on Power Systems, 2021, 36, 3865-3877.   | 4.6 | 24        |
| 14 | A Scenario-oriented Approach for Energy-Reserve Joint Procurement and Pricing. , 2021, , .  |     | 3         |
| 15 | Pricing Energy Storage in Real-time Market. , 2021, , .   |     | 5         |
| 16 | Time Synchronized State Estimation for Incompletely Observed Distribution Systems Using Deep Learning Considering Realistic Measurement Noise. , 2021, , .  |     | 4         |
| 17 | Probabilistic Hosting Capacity Analysis via Bayesian Optimization., 2021,,.   |     | 6         |
| 18 | Stability Analysis of Pricing Competition in Retail Electricity Market: On Impact of Bounded Rationality., 2021,,.  |     | 0         |

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| 19 | On the Dynamics of Distributed Energy Adoption: Equilibrium, Stability, and Limiting Capacity. IEEE Transactions on Automatic Control, 2020, 65, 102-114. | 3.6 | 11        |
| 20 | Universal Data Anomaly Detection via Inverse Generative Adversary Network. IEEE Signal Processing Letters, 2020, 27, 511-515.                             | 2.1 | 14        |
| 21 | Algorithmic Bidding for Virtual Trading in Electricity Markets. IEEE Transactions on Power Systems, 2019, 34, 535-543.                                    | 4.6 | 37        |
| 22 | Risk-Sensitive Security-Constrained Economic Dispatch via Critical Region Exploration., 2019,,.   |     | 6         |
| 23 | Coordinated Transaction Scheduling in Multi-Area Power Systems with Strategic Participants. , 2019, ,   |     | 2         |
| 24 | Learning the Unobservable: High-Resolution State Estimation via Deep Learning. , 2019, , .  |     | 3         |
| 25 | State Estimation in Smart Distribution Systems with Deep Generative Adversary Networks., 2019,,.  |     | 4         |
| 26 | Generalized Coordinated Transaction Scheduling: A Market Approach to Seamless Interfaces. IEEE Transactions on Power Systems, 2018, 33, 4683-4693.        | 4.6 | 8         |
| 27 | On the Efficiency of Connection Chargesâ€"Part I: A Stochastic Framework. IEEE Transactions on Power Systems, 2018, 33, 3822-3833.                        | 4.6 | 8         |
| 28 | On the Efficiency of Connection Chargesâ€"Part II: Integration of Distributed Energy Resources. IEEE Transactions on Power Systems, 2018, 33, 3834-3844.  | 4.6 | 6         |
| 29 | On Robust Tie-Line Scheduling in Multi-Area Power Systems. IEEE Transactions on Power Systems, 2018, 33, 4144-4154.                                       | 4.6 | 24        |
| 30 | Online Data Integrity Attacks Against Real-Time Electrical Market in Smart Grid. IEEE Transactions on Smart Grid, 2018, 9, 313-322.                       | 6.2 | 61        |
| 31 | Multi-Area Interchange Scheduling Under Uncertainty. IEEE Transactions on Power Systems, 2018, 33, 1659-1669.   | 4.6 | 15        |
| 32 | Pricing Multi-period Dispatch Under Uncertainty. , 2018, , .  |     | 7         |
| 33 | Deadline Scheduling as Restless Bandits. IEEE Transactions on Automatic Control, 2018, 63, 2343-2358.   | 3.6 | 26        |
| 34 | Hierarchical Multi-Area State Estimation via Sensitivity Function Exchanges. IEEE Transactions on Power Systems, 2017, 32, 442-453.                       | 4.6 | 36        |
| 35 | Coordinated Multi-Area Economic Dispatch via Critical Region Projection. IEEE Transactions on Power Systems, 2017, 32, 3736-3746.                         | 4.6 | 59        |
| 36 | PMU-Based Detection of Voltage Imbalances with Tolerance Constraints. IEEE Transactions on Power Delivery, 2017, 32, 484-494.                             | 2.9 | 20        |

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| 37 | Stochastic Interchange Scheduling in the Real-Time Electricity Market. IEEE Transactions on Power Systems, 2017, 32, 2017-2027.                                 | 4.6 | 11        |
| 38 | Incorporating interface bids in the economic dispatch for multi-area power systems. , 2017, , .   |     | 0         |
| 39 | Distributed Software Emulator for Cyber-Physical Analysis in Smart Grid. IEEE Transactions on Emerging Topics in Computing, 2017, 5, 506-517.                   | 3.2 | 4         |
| 40 | Killing death spiral softly with a small connection charge. , 2017, , .   |     | 2         |
| 41 | Robust tie-line scheduling for multi-area power systems with finite-step convergence. , 2017, , .   |     | 0         |
| 42 | Estimation After Parameter Selection: Performance Analysis and Estimation Methods. IEEE Transactions on Signal Processing, 2016, 64, 5268-5281.                 | 3.2 | 18        |
| 43 | On the efficiency of connection charges under renewable integration in distribution systems. , 2016, , .  |     | 1         |
| 44 | Online learning and optimization of Markov jump linear models. , 2016, , .  |     | 3         |
| 45 | Multi-proxy interchange scheduling under uncertainty. , 2016, , .   |     | 3         |
| 46 | Dynamic Scheduling for Charging Electric Vehicles: A Priority Rule. IEEE Transactions on Automatic Control, 2016, 61, 4094-4099.                                | 3.6 | 57        |
| 47 | Online learning and pricing for demand response in smart distribution networks. , 2016, , .   |     | 1         |
| 48 | Multi-area economic dispatch via state space decomposition. , 2016, , .   |     | 0         |
| 49 | Probabilistic Forecasting of Real-Time LMP and Network Congestion. IEEE Transactions on Power Systems, 2016, , 1-1.   | 4.6 | 43        |
| 50 | Demand response via large scale charging of electric vehicles. , 2016, , .  |     | 5         |
| 51 | Deadline scheduling as restless bandits. , 2016, , .  |     | 8         |
| 52 | Renewables and Storage in Distribution Systems: Centralized vs. Decentralized Integration. IEEE Journal on Selected Areas in Communications, 2016, 34, 665-674. | 9.7 | 44        |
| 53 | Construct data integrity attacks against real-time electrical market in Smart Grid. , 2015, , .   |     | 1         |
| 54 | Coordinated multi-area economic dispatch via multi-parametric programming., 2015,,.   |     | 0         |

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| 55 | Renewable in distribution networks: Centralized vs. decentralized integration. , 2015, , .  |     | 4         |
| 56 | Subspace Methods for Data Attack on State Estimation: A Data Driven Approach. IEEE Transactions on Signal Processing, 2015, 63, 1102-1114.                            | 3.2 | 155       |
| 57 | PMU-Based Detection of Imbalance in Three-Phase Power Systems. IEEE Transactions on Power Systems, 2015, 30, 1966-1976.   | 4.6 | 35        |
| 58 | Piecewise affine dispatch policies for economic dispatch under uncertainty., 2014,,.  |     | 4         |
| 59 | On the value of storage at consumer locations. , 2014, , .  |     | 10        |
| 60 | Dynamic attacks on power systems economic dispatch. , 2014, , .   |     | 20        |
| 61 | On the operation and value of storage in consumer demand response. , 2014, , .  |     | 23        |
| 62 | Impact of Data Quality on Real-Time Locational Marginal Price. IEEE Transactions on Power Systems, 2014, 29, 627-636.   | 4.6 | 102       |
| 63 | Polytope Codes Against Adversaries in Networks. IEEE Transactions on Information Theory, 2014, 60, 3308-3344.   | 1.5 | 22        |
| 64 | Maximum Likelihood Fusion of Stochastic Maps. IEEE Transactions on Signal Processing, 2014, 62, 2090-2099.  | 3.2 | 2         |
| 65 | Topology identification in smart grid with limited measurements via convex optimization. , 2014, , .  |     | 12        |
| 66 | The Cramér-Rao bound for estimation-after-selection. , 2014, , .  |     | 6         |
| 67 | Monitoring for Power-Line Change and Outage Detection in Smart Grid via the Alternating Direction Method of Multipliers. , 2014, , .                                  |     | 1         |
| 68 | Joint frequency and phasor estimation in unbalanced three-phase power systems. , 2014, , .  |     | 10        |
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| 70 | On phasor measurement unit placement against state and topology attacks. , 2013, , .  |     | 38        |
| 71 | Joint Frequency and Phasor Estimation Under the KCL Constraint. IEEE Signal Processing Letters, 2013, 20, 575-578.  | 2.1 | 72        |
| 72 | Minimal-Energy Driving Strategy for High-Speed Electric Train With Hybrid System Model. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1642-1653. | 4.7 | 34        |

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| 73 | Retail pricing for stochastic demand with unknown parameters: An online machine learning approach. , $2013, \ldots$                              |     | 8         |
| 74 | Improving Multi-job MapReduce Scheduling in an Opportunistic Environment., 2013,,.   |     | 6         |
| 75 | On topology attack of a smart grid. , 2013, , .  |     | 8         |
| 76 | Modeling and Stochastic Control for Home Energy Management. IEEE Transactions on Smart Grid, 2013, 4, 2244-2255.                                 | 6.2 | 143       |
| 77 | Distributed Learning and Multiaccess of On-Off Channels. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 837-845.                 | 7.3 | O         |
| 78 | The Embedding Capacity of Information Flows Under Renewal Traffic. IEEE Transactions on Information Theory, 2013, 59, 1724-1739.                 | 1.5 | 14        |
| 79 | Forecasting real-time locational marginal price: A state space approach. , 2013, , .   |     | 11        |
| 80 | Mitigating risk of random resources within a two-settlement electricity market. , 2013, , .  |     | 1         |
| 81 | Asymptotically Efficient Multichannel Estimation for Opportunistic Spectrum Access. IEEE Transactions on Signal Processing, 2012, 60, 5347-5360. | 3.2 | 21        |
| 82 | Large scale charging of Electric Vehicles. , 2012, , .   |     | 17        |
| 83 | A Characterization of Delay Performance of Cognitive Medium Access. IEEE Transactions on Wireless Communications, 2012, 11, 800-809.             | 6.1 | 44        |
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| 85 | SCORE: Smart-Grid common open research emulator. , 2012, , .   |     | 20        |
| 86 | Delay optimal multichannel opportunistic access. , 2012, , .   |     | 4         |
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| 88 | A wireless smart grid testbed in lab. IEEE Wireless Communications, 2012, 19, 58-64.   | 6.6 | 20        |
| 89 | A Game-Theoretic Approach to Anonymous Networking. IEEE/ACM Transactions on Networking, 2012, 20, 892-905.                                       | 2.6 | 16        |
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| 91  | On the nonlinearity effects on malicious data attack on power system. , 2012, , .  |     | 7         |
| 92  | Distributed Demand and Response Algorithm for Optimizing Social-Welfare in Smart Grid., 2012, , .  |     | 28        |
| 93  | Optimal pricing for residential demand response: A stochastic optimization approach. , 2012, , .   |     | 23        |
| 94  | Asymptotically efficient multi-channel estimation for opportunistic spectrum access., 2011,,.  |     | 0         |
| 95  | Optimal Cognitive Access of Markovian Channels under Tight Collision Constraints. IEEE Journal on Selected Areas in Communications, 2011, 29, 746-756.                 | 9.7 | 61        |
| 96  | Maximum Throughput Region of Multiuser Cognitive Access of Continuous Time Markovian Channels. IEEE Journal on Selected Areas in Communications, 2011, 29, 1959-1969.  | 9.7 | 19        |
| 97  | Multi-scale stochastic optimization for Home Energy Management. , 2011, , .  |     | 30        |
| 98  | Multi-channel opportunistic spectrum access in unslotted primary systems with unknown models. , 2011, , .  |     | 7         |
| 99  | A Large-Deviation Analysis of the Maximum-Likelihood Learning of Markov Tree Structures. IEEE Transactions on Information Theory, 2011, 57, 1714-1735.                 | 1.5 | 40        |
| 100 | Malicious data attack on real-time electricity market., 2011,,.  |     | 59        |
| 101 | Low-complexity distributed spectrum sharing among multiple cognitive users. , 2010, , .  |     | 4         |
| 102 | A sensingâ€based cognitive coexistence method for interfering infrastructure and <i>ad hoc</i> systems. Wireless Communications and Mobile Computing, 2010, 10, 16-30. | 0.8 | 6         |
| 103 | Sensing and Communication Tradeoff for Cognitive Access of Continues-Time Markov Channels. , 2010,   |     | 6         |
| 104 | Queuing Analysis in Multichannel Cognitive Spectrum Access: A Large Deviation Approach., 2010,,.   |     | 34        |
| 105 | Multiuser cognitive access of continuous time Markov channels: Maximum throughput and effective bandwidth regions. , $2010$ , , .                                      |     | 12        |
| 106 | Malicious Data Attacks on Smart Grid State Estimation: Attack Strategies and Countermeasures. , 2010, , .  |     | 248       |
| 107 | Distributed Detection of Multi-Hop Information Flows With Fusion Capacity Constraints. IEEE Transactions on Signal Processing, 2010, 58, 3373-3383.                    | 3.2 | 16        |
| 108 | Limiting false data attacks on power system state estimation. , 2010, , .  |     | 110       |

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| 110 | Betting on Gilbert-Elliot channels. IEEE Transactions on Wireless Communications, 2010, 9, 723-733.  | 6.1 | 28        |
| 111 | Optimal link adaptation over partially observable Gilbert-Elliot channels. , 2009, , .   |     | 1         |
| 112 | Maximum throughput of clandestine relay. , 2009, , .   |     | 4         |
| 113 | Detection of Gauss–Markov Random Fields With Nearest-Neighbor Dependency. IEEE Transactions on Information Theory, 2009, 55, 816-827.  | 1.5 | 43        |
| 114 | Anonymous networking amidst active adversaries. , 2009, , .  |     | 0         |
| 115 | Distributed Detection in the Presence of Byzantine Attacks. IEEE Transactions on Signal Processing, 2009, 57, 16-29.   | 3.2 | 148       |
| 116 | On the maximum throughput of clandestine sensor networking. , 2009, , .  |     | 3         |
| 117 | Anonymous Networking Amidst Eavesdroppers. IEEE Transactions on Information Theory, 2008, 54, 2770-2784.   | 1.5 | 63        |
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| 119 | Detection of Information Flows. IEEE Transactions on Information Theory, 2008, 54, 4925-4945.  | 1.5 | 33        |
| 120 | Sensor Configuration and Activation for Field Detection in Large Sensor Arrays. IEEE Transactions on Signal Processing, 2008, 56, 447-463.   | 3.2 | 18        |
| 121 | Opportunistic Spectrum Access via Periodic Channel Sensing. IEEE Transactions on Signal Processing, 2008, 56, 785-796.   | 3.2 | 306       |
| 122 | Optimal Channel-Aware ALOHA Protocol for Random Access in WLANs With Multipacket Reception and Decentralized Channel State Information. IEEE Transactions on Signal Processing, 2008, 56, 2575-2588. | 3.2 | 45        |
| 123 | Cognitive Medium Access: Constraining Interference Based on Experimental Models. IEEE Journal on Selected Areas in Communications, 2008, 26, 95-105.   | 9.7 | 200       |
| 124 | Anonymous Networking with Minimum Latency in Multihop Networks. Sp'97, 2008, , .   | 0.0 | 24        |
| 125 | A distributed scheme for detection of information flows. , 2008, , .   |     | 2         |
| 126 | A Cognitive Framework for Improving Coexistence Among Heterogeneous Wireless Networks., 2008,,.  |     | 13        |

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| 127 | On security-aware transmission scheduling. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .                       | 1.8 | 7         |
| 128 | Interference-aware OFDMA resource allocation: A predictive approach., 2008,,.  |     | 24        |
| 129 | Detecting Encrypted Stepping-Stone Connections. IEEE Transactions on Signal Processing, 2007, 55, 1612-1623.   | 3.2 | 63        |
| 130 | Distributed Detection of Information Flows in Chaff., 2007,,.  |     | 4         |
| 131 | Integrated Mobile and Static Sensing for Target Tracking. , 2007, , .  |     | 8         |
| 132 | Detection of Gauss-Markov Random Field on Nearest-Neighbor Graph. , 2007, , .  |     | 10        |
| 133 | Cognitive Medium Access in WLAN Bands: A Real-Time Testbed. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .                    | 0.0 | 2         |
| 134 | Quantization for Maximin ARE in Distributed Estimation. IEEE Transactions on Signal Processing, 2007, 55, 3596-3605.   | 3.2 | 44        |
| 135 | Cognitive Medium Access: A Protocol for Enhancing Coexistence in WLAN Bands. , 2007, , .   |     | 30        |
| 136 | Energy-efficient information retrieval for correlated source reconstruction in sensor networks. IEEE Transactions on Wireless Communications, 2007, 6, 157-165.          | 6.1 | 17        |
| 137 | Maximum Asymptotic Stable Throughput of Opportunistic Slotted ALOHA and Applications to CDMA Networks. IEEE Transactions on Wireless Communications, 2007, 6, 1159-1163. | 6.1 | 15        |
| 138 | Distributed Detection of Information Flows with Side-Information. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .              | 0.0 | 3         |
| 139 | Energy-Aware Adaptive Routing for Large-Scale Ad Hoc Networks: Protocol and Performance Analysis. IEEE Transactions on Mobile Computing, 2007, 6, 1048-1059.             | 3.9 | 29        |
| 140 | Asymptotic Detection Performance of Type-Based Multiple Access Over Multiaccess Fading Channels. IEEE Transactions on Signal Processing, 2007, 55, 1081-1092.            | 3.2 | 79        |
| 141 | Type-Based Random Access for Distributed Detection Over Multiaccess Fading Channels. IEEE Transactions on Signal Processing, 2007, 55, 5032-5043.                        | 3.2 | 59        |
| 142 | A Likelihood-Based Multiple Access for Estimation in Sensor Networks. IEEE Transactions on Signal Processing, 2007, 55, 5155-5166.                                       | 3.2 | 29        |
| 143 | On the Error Exponent and the Use of LDPC Codes for Cooperative Sensor Networks With Misinformed Nodes. IEEE Transactions on Information Theory, 2007, 53, 3265-3274.    | 1.5 | 8         |
| 144 | A Measurement-Based Model for Dynamic Spectrum Access in WLAN Channels. , 2006, , .  |     | 156       |

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| 145 | Distributed Inference in the Presence of Byzantine Sensors., 2006,,.  |             | 15        |
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| 147 | Time-reversal space-time coding for doubly-selective channels. , 2006, , .  |             | 6         |
| 148 | Sensor Networks With Mobile Access: Energy and Capacity Considerations. IEEE Transactions on Communications, 2006, 54, 2033-2044.                         | 4.9         | 48        |
| 149 | Moment Estimation and Dithered Quantization. IEEE Signal Processing Letters, 2006, 13, 752-755.   | 2.1         | 2         |
| 150 | Cross Layer Design For Multiaccess Communication Over Rayleigh Fading Channels., 2006,,.  |             | 0         |
| 151 | Packet Scheduling Against Stepping-Stone Attacks with Chaff. , 2006, , .  |             | 8         |
| 152 | Networking with Secrecy Constraints. , 2006, , .  |             | 1         |
| 153 | Stochastic Control for Sensor Activity Management in Many-to-one Sensor Networks. , 2006, , .   |             | 0         |
| 154 | Cross-Layer Design of Opportunistic Spectrum Access in the Presence of Sensing Error. , 2006, , .   |             | 5         |
| 155 | Sensitivity and Coding of Opportunistic ALOHA in Sensor Networks with Mobile Access. Journal of Signal Processing Systems, 2005, 41, 329-344.             | 1.0         | 2         |
| 156 | Dynamic activity management in many-to-one sensor networks. , 2005, , .   |             | 0         |
| 157 | Neyman-Pearson detection of Gauss-Markov signals in noise: closed-form error exponent and properties. , 2005, , .   |             | 8         |
| 158 | Asymptotic locally optimal detector for large-scale sensor networks under Poisson regime. , 2004, , .   |             | 0         |
| 159 | A cross-layer perspective in an uncharted path - Signal processing in random access. IEEE Signal Processing Magazine, 2004, 21, 29-39.                    | 4.6         | 111       |
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| 161 | Optimal Insertion of Pilot Symbols for Transmissions Over Time-Varying Flat Fading Channels. IEEE Transactions on Signal Processing, 2004, 52, 1403-1418. | <b>3.</b> 2 | 178       |
| 162 | Blind decorrelating rake receivers for long-code WCDMA. IEEE Transactions on Signal Processing, 2003, 51, 1642-1655.                                      | 3.2         | 34        |

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| 163 | Exploiting protocol information for transmission over unknown fading channels., 2003,,.   |     | 1         |
| 164 | Training placement for tracking fading channels. , 2002, , .  |     | 5         |
| 165 | A projection-based semi-blind channel estimation for long-code WCDMA. , 2002, , .   |     | 10        |
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| 167 | Multipath Delay Estimation for Frequency Hopping Systems. Journal of Signal Processing Systems, 2002, 30, 163-178.                      | 1.0 | 7         |
| 168 | Domains of attraction of Shalvi-Weinstein receivers. IEEE Transactions on Signal Processing, 2001, 49, 1397-1408.                       | 3.2 | 7         |
| 169 | Joint channel and symbol estimation by oblique projections. IEEE Transactions on Signal Processing, 2001, 49, 3074-3083.                | 3.2 | 33        |
| 170 | Semi-blind collision resolution in random access wireless ad hoc networks. IEEE Transactions on Signal Processing, 2000, 48, 2910-2920. | 3.2 | 32        |
| 171 | Source reconstruction via mobile agents in sensor networks: throughput-distortion characteristics. , 0, , .                             |     | 3         |
| 172 | A dynamic queue MAC protocol for random access channels with multipacket reception. , 0, , .  |     | 3         |
| 173 | Optimal placement of training for channel estimation and tracking. , 0, , .   |     | 4         |
| 174 | Receiver controlled medium access in multihop ad hoc networks with multipacket reception. , 0, , .                                      |     | 22        |
| 175 | The dynamic queue protocol for spread spectrum random access networks. , 0, , .   |     | 9         |
| 176 | Channel estimation and equalization with block interleavers. , $0,$ , .   |     | 5         |
| 177 | Channel tracking for fast fading long-code WCDMA. , 0, , .  |     | 1         |
| 178 | Blind channel tracking for long-code WCDMA with linear interpolation model. , 0, , .  |     | 0         |
| 179 | Optimal pilot placement for channel tracking in OFDM. , 0, , .  |     | 25        |
| 180 | Sensor networks with mobile agents. , 0, , .  |     | 206       |

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| 181 | Training symbol placement for packet transmissions under asynchronous interference., 0,,.                     |    | 1         |
| 182 | Stability of slotted ALOHA with spatial diversity., 0,,.  |    | 2         |
| 183 | Opportunistic aloha and cross laver design for sensor networks. , 0, , .                                      |    | 25        |
| 184 | Using queue statistics in beamforming for ALOHA., 0,,.  |    | 2         |
| 185 | On the MAC for optimal information retrieval pattern in sensor networks with mobile access. , 0, , .          |    | 3         |
| 186 | A connectionless approach to large scale sensor networks. , 0, , .  |    | 1         |
| 187 | The effect of fading on the achievable rate of cooperative sensor networks with misinformed sensors. , 0, , . |    | 2         |
| 188 | Good-Turing estimation of the number of operating sensors: a large deviations analysis. , 0, , .              |    | 13        |
| 189 | Asymptotic locally optimal detector for large-scale sensor networks under the Poisson regime. , 0, , .        |    | 1         |
| 190 | Distributed opportunistic transmission for wireless sensor networks. , $0$ , , .                              |    | 20        |
| 191 | Multitone acoustic sensor network with mobile access: an experimental testbed., 0,,.                          |    | 1         |
| 192 | Sensor-Fusion Center Communication Over Multiaccess Fading Channels. , 0, , .                                 |    | 7         |
| 193 | Nonparametric Change Detection in 2D Random Sensor Field. , 0, , .  |    | 2         |
| 194 | Capacity of cooperative sensor networks with sensor errors. , 0, , .  |    | 3         |
| 195 | A Cross-Layer Approach to Cognitive MAC for Spectrum Agility. , 0, , .  |    | 7         |
| 196 | Energy-Efficient Adaptive Routing for Ad Hoc Networks with Time-Varying Heterogeneous Traffic. , 0, , .       |    | 2         |
| 197 | Decentralized cognitive mac for dynamic spectrum access. , 0, , .   |    | 170       |
| 198 | A Large Deviation Analysis of Detection Over Multi-Access Channels with Random Number of Sensors. , 0, , .    |    | 8         |

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| 199 | Minimax Quantization for Distributed Maximum Likelihood Estimation. , 0, , .   |    | 12        |
| 200 | Detecting Encrypted Interactive Stepping-Stone Connections., 0,,.  |    | 4         |
| 201 | Detection in Sensor Networks. , 0, , 117-148.  |    | 9         |
| 202 | Application Dependent Shortest Path Routing in Ad-Hoc Sensor Networks. , 0, , 277-309.   |    | 4         |
| 203 | Data-Centric and Cooperative MAC Protocols for Sensor Networks. , 0, , 311-348.  |    | 5         |
| 204 | Distributed Learning in Wireless Sensor Networks. , 0, , 185-214.  |    | 9         |
| 205 | Information-Theoretic Bounds on Sensor Network Performance. , 0, , 7-41.   |    | 3         |
| 206 | In-Network Information Processing in Wireless Sensor Networks. , 0, , 43-67.   |    | 2         |
| 207 | Game Theoretic Activation and Transmission Scheduling in Unattended Ground Sensor Networks: A Correlated Equilibrium Approach. , 0, , 349-387. |    | 2         |
| 208 | Distributed Estimation under Bandwidth and Energy Constraints. , 0, , 149-184.   |    | 1         |
| 209 | Randomized Cooperative Transmission in Large-Scale Sensor Networks. , 0, , 251-275.  |    | O         |
| 210 | The Sensing Capacity of Sensor Networks. , 0, , 69-91.   |    | 0         |
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