# Xiaodong Lin

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 183<br>papers | 9,188<br>citations | 61984<br>43<br>h-index | 53230<br>85<br>g-index |
| 184<br>all docs | 184<br>docs citations | 184<br>times ranked | 6420<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Dual-Anonymous Off-Line Electronic Cash for Mobile Payment. IEEE Transactions on Mobile Computing, 2023, 22, 3303-3317. | 5.8 | 4 |
| 2 | Enabling Regulatory Compliance and Enforcement in Decentralized Anonymous Payment. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 931-943. | 5.4 | 7 |
| 3 | Enabling Efficient, Secure and Privacy-Preserving Mobile Cloud Storage. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1518-1531. | 5.4 | 11 |
| 4 | DNA Similarity Search With Access Control Over Encrypted Cloud Data. IEEE Transactions on Cloud Computing, 2022, 10, 1233-1252. | 4.4 | 14 |
| 5 | DLP: Achieve Customizable Location Privacy With Deceptive Dummy Techniques in LBS Applications. IEEE Internet of Things Journal, 2022, 9, 6969-6984. | 8.7 | 9 |
| 6 | Characterizing Heterogeneous Internet of Things Devices at Internet Scale Using Semantic Extraction. IEEE Internet of Things Journal, 2022, 9, 5434-5446. | 8.7 | 6 |
| 7 | Privacy-Preserving Keyword Similarity Search Over Encrypted Spatial Data in Cloud Computing. IEEE Internet of Things Journal, 2022, 9, 6184-6198. | 8.7 | 16 |
| 8 | Toward Vehicular Digital Forensics From Decentralized Trust: An Accountable, Privacy-Preserving, and Secure Realization. IEEE Internet of Things Journal, 2022, 9, 7009-7024. | 8.7 | 19 |
| 9 | ShadowPLCs: A Novel Scheme for Remote Detection of Industrial Process Control Attacks. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2054-2069. | 5.4 | 9 |
| 10 | Heterogeneous Computation and Resource Allocation for Wireless Powered Federated Edge Learning Systems. IEEE Transactions on Communications, 2022, 70, 3220-3233. | 7.8 | 61 |
| 11 | Blockchain-Cloud Transparent Data Marketing: Consortium Management and Fairness. IEEE Transactions on Computers, 2022, , 1-1. | 3.4 | 17 |
| 12 | Privacy-Preserving Aggregate Mobility Data Release: An Information-Theoretic Deep Reinforcement Learning Approach. IEEE Transactions on Information Forensics and Security, 2022, 17, 849-864. | 6.9 | 3 |
| 13 | Efficient and Secure Decision Tree Classification for Cloud-Assisted Online Diagnosis Services. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 1632-1644. | 5.4 | 96 |
| 14 | Privacy-Preserving Traffic Monitoring with False Report Filtering via Fog-Assisted Vehicular Crowdsensing. IEEE Transactions on Services Computing, 2021, 14, 1902-1913. | 4.6 | 48 |
| 15 | Blockchain-Based Public Integrity Verification for Cloud Storage against Procrastinating Auditors. IEEE Transactions on Cloud Computing, 2021, 9, 923-937. | 4.4 | 181 |
| 16 | Practical and Secure SVM Classification for Cloud-Based Remote Clinical Decision Services. IEEE Transactions on Computers, 2021, 70, 1612-1625. | 3.4 | 20 |
| 17 | Blockchain-Based Smart Advertising Network With Privacy-Preserving Accountability. IEEE Transactions on Network Science and Engineering, 2021, 8, 2118-2130. | 6.4 | 9 |
| 18 | A Multikernel and Metaheuristic Feature Selection Approach for IoT Malware Threat Hunting in the Edge Layer. IEEE Internet of Things Journal, 2021, 8, 4540-4547. | 8.7 | 35 |

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| 19 | Efficient and Privacy-Preserving Speaker Recognition for Cybertwin-Driven 6G. IEEE Internet of Things Journal, 2021, 8, 16195-16206. | 8.7 | 3 |
| 20 | A comprehensive survey on smart contract construction and execution: paradigms, tools, and systems. Patterns, 2021, 2, 100179. | 5.9 | 54 |
| 21 | Content Delivery Analysis in Cellular Networks With Aerial Caching and mmWAVE Backhaul. IEEE Transactions on Vehicular Technology, 2021, 70, 4809-4822. | 6.3 | 20 |
| 22 | Application-Oriented Block Generation for Consortium Blockchain-Based IoT Systems With Dynamic Device Management. IEEE Internet of Things Journal, 2021, 8, 7874-7888. | 8.7 | 17 |
| 23 | An Efficient and Privacy-Preserving Multi-User Multi-Keyword Search Scheme without Key Sharing. , 2021, , . | | 5 |
| 24 | Privacy-Preserving Task Matching With Threshold Similarity Search via Vehicular Crowdsourcing. IEEE Transactions on Vehicular Technology, 2021, 70, 7161-7175. | 6.3 | 16 |
| 25 | Efficient and Privacy-Preserving Decision Tree Classification for Health Monitoring Systems. IEEE Internet of Things Journal, 2021, 8, 12528-12539. | 8.7 | 13 |
| 26 | Privacy-Preserving Blockchain-Based Energy Trading Schemes for Electric Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 9369-9384. | 6.3 | 61 |
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| 29 | Traceable and Privacy-Preserving Non-Interactive Data Sharing in Mobile Crowdsensing. , 2021, , . | | 3 |
| 30 | Providing Task Allocation and Secure Deduplication for Mobile Crowdsensing via Fog Computing. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 581-594. | 5.4 | 101 |
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| 32 | MARP: A Distributed MAC Layer Attack Resistant Pseudonym Scheme for VANET. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 869-882. | 5.4 | 16 |
| 33 | VerifyNet: Secure and Verifiable Federated Learning. IEEE Transactions on Information Forensics and Security, 2020, 15, 911-926. | 6.9 | 373 |
| 34 | Enabling Efficient and Privacy-Preserving Aggregation Communication and Function Query for Fog Computing-Based Smart Grid. IEEE Transactions on Smart Grid, 2020, 11, 247-257. | 9.0 | 55 |
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| 39 | Transparent and Accountable Vehicular Local Advertising With Practical Blockchain Designs. IEEE Transactions on Vehicular Technology, 2020, 69, 15694-15705. | 6.3 | 11 |
| 40 | Ring Selection for Ring Signature-Based Privacy Protection in VANETs. , 2020, , . | | 5 |
| 41 | Secure and Efficient Distributed Network Provenance for IoT: A Blockchain-Based Approach. IEEE Internet of Things Journal, 2020, 7, 7564-7574. | 8.7 | 40 |
| 42 | <i>iFinger</i>: Intrusion Detection in Industrial Control Systems via Register-Based Fingerprinting. IEEE Journal on Selected Areas in Communications, 2020, 38, 955-967. | 14.0 | 22 |
| 43 | On Dually-Polarized MIMO based NOMA: System Model and Polarization Resource Allocation. , 2020, , . | | 0 |
| 44 | Drones in the Era of V2X Communications. IEEE Communications Standards Magazine, 2019, 3, 10-10. | 4.9 | 1 |
| 45 | Efficient and Privacy-Preserving Outsourced SVM Classification in Public Cloud. , 2019, , . | | 9 |
| 46 | Against Pilot Spoofing Attack with Double Channel Training in Massive MIMO NOMA Systems. , 2019, , . | | 2 |
| 47 | Towards Secure and Fair IIoT-Enabled Supply Chain Management via Blockchain-Based Smart Contracts. , 2019, , . | | 15 |
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| 50 | PTAS: Privacy-preserving Thin-client Authentication Scheme in blockchain-based PKI. Future Generation Computer Systems, 2019, 96, 185-195. | 7.5 | 81 |
| 51 | On Countermeasures of Pilot Spoofing Attack in Massive MIMO Systems: A Double Channel Training Based Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 6697-6708. | 6.3 | 32 |
| 52 | DeQoS Attack: Degrading Quality of Service in VANETs and Its Mitigation. IEEE Transactions on Vehicular Technology, 2019, 68, 4834-4845. | 6.3 | 44 |
| 53 | Toward Edge-Assisted Internet of Things: From Security and Efficiency Perspectives. IEEE Network, 2019, 33, 50-57. | 6.9 | 80 |
| 54 | Anonymous Reputation System for IIoT-Enabled Retail Marketing Atop PoS Blockchain. IEEE Transactions on Industrial Informatics, 2019, 15, 3527-3537. | 11.3 | 142 |

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| 55 | An Optimized Positive-Unlabeled Learning Method for Detecting a Large Scale of Malware Variants. , 2019, , . | | 5 |
| 56 | Forward Secure and Fine-grained Data Sharing for Mobile Crowdsensing. , 2019, , . | | 9 |
| 57 | Efficient and Privacy-Preserving Carpooling Using Blockchain-Assisted Vehicular Fog Computing. IEEE Internet of Things Journal, 2019, 6, 4573-4584. | 8.7 | 158 |
| 58 | Enabling Efficient and Geometric Range Query With Access Control Over Encrypted Spatial Data. IEEE Transactions on Information Forensics and Security, 2019, 14, 870-885. | 6.9 | 156 |
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| 62 | Anonymous Group Message Authentication Protocol for LTEâ€based V2X Communications. Internet Technology Letters, 2018, 1, e25. | 1.9 | 8 |
| 63 | HealthDep: An Efficient and Secure Deduplication Scheme for Cloud-Assisted eHealth Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 4101-4112. | 11.3 | 173 |
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| 69 | Efficient and Privacy-Preserving Ad Conversion for V2X-Assisted Proximity Marketing. , 2018, , . | | 2 |
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| 148 | Exploiting prediction to enable Secure and Reliable routing in Wireless Body Area Networks. , 2012, , . | | 75 |
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| 161 | SPRING: A Social-based Privacy-preserving Packet Forwarding Protocol for Vehicular Delay Tolerant Networks. , 2010, , . | | 144 |
| 162 | Sacrificing the Plum Tree for the Peach Tree: A Socialspot Tactic for Protecting Receiver-Location Privacy in VANET. , 2010, , . | | 23 |

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| 170 | Security in vehicular ad hoc networks. , 2008, 46, 88-95. | | 237 |
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| 177 | TTP Based Privacy Preserving Inter-WISP Roaming Architecture for Wireless Metropolitan Area Networks. , 2007, , . | | 7 |
| 178 | A Novel Compromise-Resilient Authentication System for Wireless Mesh Networks. , 2007, , . | | 2 |
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