Yinbin Miao

List of Publications by Year
in descending order

85 papers	1,808 citations	304743 22 h-index	315739 38 g-index
85 all docs	85 docs citations	85 times ranked	1112 citing authors

#	Article	IF	Citations
1	Lightweight Fine-Grained Search Over Encrypted Data in Fog Computing. IEEE Transactions on Services Computing, 2019, 12, 772-785.	4.6	112
2	Privacy-Preserving Attribute-Based Keyword Search in Shared Multi-owner Setting. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 1080-1094.	5.4	108
3	Practical Attribute-Based Multi-Keyword Search Scheme in Mobile Crowdsourcing. IEEE Internet of Things Journal, 2018, 5, 3008-3018.	8.7	107
4	Attribute-Based Keyword Search over Hierarchical Data in Cloud Computing. IEEE Transactions on Services Computing, 2017, , 1-1.	4.6	80
5	Lattice-based proxy-oriented identity-based encryption with keyword search for cloud storage. Information Sciences, 2019, 494, 193-207.	6.9	70
6	m2-ABKS: Attribute-Based Multi-Keyword Search over Encrypted Personal Health Records in Multi-Owner Setting. Journal of Medical Systems, 2016, 40, 246.	3.6	64
7	Secure Online/Offline Data Sharing Framework for Cloud-Assisted Industrial Internet of Things. IEEE Internet of Things Journal, 2019, 6, 8681-8691.	8.7	57
8	Multi-authority Attribute-Based Keyword Search over Encrypted Cloud Data. IEEE Transactions on Dependable and Secure Computing, 2021, , 1-1.	5.4	55
9	Enabling verifiable multiple keywords search over encrypted cloud data. Information Sciences, 2018, 465, 21-37.	6.9	54
10	Hybrid Keyword-Field Search With Efficient Key Management for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2019, 15, 3206-3217.	11.3	53
11	Fair and Dynamic Data Sharing Framework in Cloud-Assisted Internet of Everything. IEEE Internet of Things Journal, 2019, 6, 7201-7212.	8.7	48
12	Search Me in the Dark: Privacy-preserving Boolean Range Query over Encrypted Spatial Data. , 2020, , .		48
13	ShieldFL: Mitigating Model Poisoning Attacks in Privacy-Preserving Federated Learning. IEEE Transactions on Information Forensics and Security, 2022, 17, 1639-1654.	6.9	48
14	Verifiable Searchable Encryption Framework Against Insider Keyword-Guessing Attack in Cloud Storage. IEEE Transactions on Cloud Computing, 2022, 10, 835-848.	4.4	45
15	Privacy-preserving and high-accurate outsourced disease predictor on random forest. Information Sciences, 2019, 496, 225-241.	6.9	40
16	LSOT: A Lightweight Self-Organized Trust Model in VANETs. Mobile Information Systems, 2016, 2016, 1-15.	0.6	34
17	Optimized Verifiable Fine-Grained Keyword Search in Dynamic Multi-owner Settings. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	5.4	34
18	Search in My Way: Practical Outsourced Image Retrieval Framework Supporting Unshared Key. , 2019, , .		33

#	Article	IF	Citations
19	VCKSM: Verifiable conjunctive keyword search over mobile e-health cloud in shared multi-owner settings. Pervasive and Mobile Computing, 2017, 40, 205-219.	3.3	31
20	Similarity Search for Encrypted Images in Secure Cloud Computing. IEEE Transactions on Cloud Computing, 2022, 10, 1142-1155.	4.4	29
21	Lightweight Privacy-Preserving Medical Diagnosis in Edge Computing. IEEE Transactions on Services Computing, 2022, 15, 1606-1618.	4.6	28
22	FedCrowd: A Federated and Privacy-Preserving Crowdsourcing Platform on Blockchain. IEEE Transactions on Services Computing, 2022, 15, 2060-2073.	4.6	27
23	VCSE: Verifiable conjunctive keywords search over encrypted data without secure-channel. Peer-to-Peer Networking and Applications, 2017, 10, 995-1007.	3.9	24
24	Verifiable keyword search over encrypted cloud data in smart city. Computers and Electrical Engineering, 2018, 65, 90-101.	4.8	23
25	VPSL: Verifiable Privacy-Preserving Data Search for Cloud-Assisted Internet of Things. IEEE Transactions on Cloud Computing, 2022, 10, 2964-2976.	4.4	23
26	Practical Multi-Keyword Ranked Search With Access Control Over Encrypted Cloud Data. IEEE Transactions on Cloud Computing, 2022, 10, 2005-2019.	4.4	23
27	Secure and Verifiable Multikey Image Search in Cloud-Assisted Edge Computing. IEEE Transactions on Industrial Informatics, 2021, 17, 5348-5359.	11.3	21
28	Revocable and anonymous searchable encryption in multiâ€user setting. Concurrency Computation Practice and Experience, 2016, 28, 1204-1218.	2.2	20
29	Quaternion weighted spherical Bessel-Fourier moment and its invariant for color image reconstruction and object recognition. Information Sciences, 2019, 505, 388-405.	6.9	20
30	Pruneable sharding-based blockchain protocol. Peer-to-Peer Networking and Applications, 2019, 12, 934-950.	3.9	20
31	Enabling Efficient Spatial Keyword Queries on Encrypted Data With Strong Security Guarantees. IEEE Transactions on Information Forensics and Security, 2021, 16, 4909-4923.	6.9	19
32	Privacy-Preserving Diverse Keyword Search and Online Pre-Diagnosis in Cloud Computing. IEEE Transactions on Services Computing, 2022, 15, 710-723.	4.6	18
33	Pocket Diagnosis: Secure Federated Learning Against Poisoning Attack in the Cloud. IEEE Transactions on Services Computing, 2022, 15, 3429-3442.	4.6	18
34	VFIRM: Verifiable Fine-Grained Encrypted Image Retrieval in Multi-Owner Multi-User Settings. IEEE Transactions on Services Computing, 2022, 15, 3606-3619.	4.6	18
35	Traceable and Controllable Encrypted Cloud Image Search in Multi-User Settings. IEEE Transactions on Cloud Computing, 2022, 10, 2936-2948.	4.4	17
36	VKSE-MO: verifiable keyword search over encrypted data in multi-owner settings. Science China Information Sciences, 2017, 60, 1.	4.3	15

#	Article	IF	Citations
37	Consortium Blockchain-Based SIFT: Outsourcing Encrypted Feature Extraction in the D2D Network. IEEE Access, 2018, 6, 52248-52260.	4.2	15
38	Image Feature Extraction in Encrypted Domain With Privacy-Preserving Hahn Moments. IEEE Access, 2018, 6, 47521-47534.	4.2	14
39	Threshold Multi-Keyword Search for Cloud-Based Group Data Sharing. IEEE Transactions on Cloud Computing, 2022, 10, 2146-2162.	4.4	14
40	LIP-PA: A Logistics Information Privacy Protection Scheme with Position and Attribute-Based Access Control on Mobile Devices. Wireless Communications and Mobile Computing, 2018, 2018, 1-14.	1.2	12
41	LBOA: Location-Based Secure Outsourced Aggregation in IoT. IEEE Access, 2019, 7, 43869-43883.	4.2	11
42	Privacy-preserving conjunctive keyword search on encrypted data with enhanced fine-grained access control. World Wide Web, 2020, 23, 959-989.	4.0	11
43	Privacy-Preserving Threshold-Based Image Retrieval in Cloud-Assisted Internet of Things. IEEE Internet of Things Journal, 2022, 9, 13598-13611.	8.7	11
44	Towards Efficient Verifiable Boolean Search Over Encrypted Cloud Data. IEEE Transactions on Cloud Computing, 2023, 11, 839-853.	4.4	10
45	Ranked Keyword Search over Encrypted Cloud Data Through Machine Learning Method. IEEE Transactions on Services Computing, 2022, , 1-1.	4.6	10
46	A new secret handshake scheme with multi-symptom intersection for mobile healthcare social networks. Information Sciences, 2020, 520, 142-154.	6.9	9
47	Verifiable Data Mining Against Malicious Adversaries in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2022, 18, 953-964.	11.3	9
48	CAN Bus Messages Abnormal Detection Using Improved SVDD in Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 3359-3371.	8.7	9
49	Verifiable and Dynamic Multi-Keyword Search Over Encrypted Cloud Data Using Bitmap. IEEE Transactions on Cloud Computing, 2023, 11, 336-348.	4.4	9
50	A Data Trading Scheme With Efficient Data Usage Control for Industrial IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 4456-4465.	11.3	9
51	Verifiable online/offline multi-keyword search for cloud-assisted Industrial Internet of Things. Journal of Information Security and Applications, 2022, 65, 103101.	2.5	9
52	FCT: a fully-distributed context-aware trust model for location based service recommendation. Science China Information Sciences, 2017, 60, 1.	4.3	8
53	Privacy-Preserving Krawtchouk Moment feature extraction over encrypted image data. Information Sciences, 2020, 536, 244-262.	6.9	8
54	PMKT: Privacy-preserving Multi-party Knowledge Transfer for financial market forecasting. Future Generation Computer Systems, 2020, 106, 545-558.	7.5	8

#	ARTICLE	IF	CITATIONS
55	Fast and Secure Location-Based Services in Smart Cities on Outsourced Data. IEEE Internet of Things Journal, 2021, 8, 17639-17654.	8.7	8
56	Verifiable Semantic-Aware Ranked Keyword Search in Cloud-Assisted Edge Computing. IEEE Transactions on Services Computing, 2022, 15, 3591-3605.	4.6	8
57	DistPreserv: Maintaining User Distribution for Privacy-Preserving Location-Based Services. IEEE Transactions on Mobile Computing, 2023, 22, 3287-3302.	5.8	8
58	Secure Semantic-Aware Search Over Dynamic Spatial Data in VANETs. IEEE Transactions on Vehicular Technology, 2021, 70, 8912-8925.	6.3	7
59	Privacy-Preserving Ranked Spatial Keyword Query in Mobile Cloud-Assisted Fog Computing. IEEE Transactions on Mobile Computing, 2023, 22, 3604-3618.	5.8	7
60	Privacy-Preserving Deduplication of Sensor Compressed Data in Distributed Fog Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 4176-4191.	5.6	7
61	DVREI: Dynamic Verifiable Retrieval over Encrypted Images. IEEE Transactions on Computers, 2021, , 1-1.	3.4	6
62	Spatial Dynamic Searchable Encryption with Forward Security. Lecture Notes in Computer Science, 2020, , 746-762.	1.3	6
63	Privacy-Preserving Boolean Range Query with Temporal Access Control in Mobile Computing. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	6
64	Verifiable Fuzzy Multi-keyword Search over Encrypted Data with Adaptive Security. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	6
65	Efficient keyword search over encrypted data in multi-cloud setting. Security and Communication Networks, 2016, 9, 3808-3820.	1.5	5
66	EPSMD: An Efficient Privacy-Preserving Sensor Data Monitoring and Online Diagnosis System. , 2018, , .		5
67	Intersection-policy private mutual authentication from authorized private set intersection. Science China Information Sciences, 2020, 63, 1.	4.3	5
68	On the Security of Verifiable Searchable Encryption Schemes. IEEE Transactions on Cloud Computing, 2022, 10, 2977-2978.	4.4	5
69	IRLT: Integrating Reputation and Local Trust for Trustworthy Service Recommendation in Service-Oriented Social Networks. PLoS ONE, 2016, 11, e0151438.	2.5	5
70	5G-enabled Intelligent Application for Distributed Industrial Internet-of-Thing System. IEEE Transactions on Industrial Informatics, 2021, , 1-1.	11.3	5
71	MU-TEIR: Traceable Encrypted Image Retrieval in the Multi-User Setting. IEEE Transactions on Services Computing, 2023, 16, 1282-1295.	4.6	5
72	Towards Privacy-Preserving Spatial Distribution Crowdsensing: A Game Theoretic Approach. IEEE Transactions on Information Forensics and Security, 2022, 17, 804-818.	6.9	5

#	Article	IF	Citations
73	PLCOM: Privacy-preserving outsourcing computation of Legendre circularly orthogonal moment over encrypted image data. Information Sciences, 2019, 505, 198-214.	6.9	4
74	Verifiable Spatial Range Query Over Encrypted Cloud Data in VANET. IEEE Transactions on Vehicular Technology, 2021, 70, 12342-12357.	6.3	4
75	Auto-scalable and fault-tolerant load balancing mechanism for cloud computing based on the proof-of-work election. Science China Information Sciences, 2022, 65, 1.	4.3	4
76	DOAS: Efficient data owner authorized search over encrypted cloud data. Peer-to-Peer Networking and Applications, 2018, 11, 349-360.	3.9	3
77	Forward and backward secure keyword search with flexible keyword shielding. Information Sciences, 2021, 576, 507-521.	6.9	3
78	Social Characteristic-Based Propagation-Efficient PBFT Protocol to Broadcast in Unstructured Overlay Networks. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3621-3639.	5.4	3
79	Transparent Ciphertext Retrieval System Supporting Integration of Encrypted Heterogeneous Database in Cloud-Assisted IoT. IEEE Internet of Things Journal, 2022, 9, 3784-3798.	8.7	3
80	Time-Controlled Hierarchical Multikeyword Search Over Encrypted Data in Cloud-Assisted IoT. IEEE Internet of Things Journal, 2022, 9, 11017-11029.	8.7	2
81	Privacy-Preserving Data Sharing Framework for High-Accurate Outsourced Computation. , 2019, , .		1
82	Privacy-Preserving Top-k Spatial Keyword Queries in Fog-Based Cloud Computing. IEEE Transactions on Services Computing, 2021, , 1-1.	4.6	1
83	Blockchain-Based Encrypted Image Storage and Search in Cloud Computing. Lecture Notes in Computer Science, 2022, , 413-421.	1.3	1
84	Comparable Encryption Scheme over Encrypted Cloud Data in Internet of Everything. Security and Communication Networks, 2017, 2017, 1-11.	1.5	0
85	Flexible and Privacy-preserving Framework for Decentralized Collaborative Learning. , 2020, , .		0