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List of Publications by Year in descending order

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151
papers

4,610
citations

116194

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3383
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#	ARTICLE	IF	CITATIONS
1	Geometric Range Search on Encrypted Data With Forward/Backward Security. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 698-716.	3.7	7
2	Efficient Verifiably Encrypted ECDSA-Like Signatures and Their Applications. IEEE Transactions on Information Forensics and Security, 2022, 17, 1573-1582.	4.5	8
3	Efficient and Adaptive Procurement Protocol with Purchasing Privacy. IEEE Transactions on Services Computing, 2021, 14, 683-694.	3.2	0
4	Toward a blockchain-based framework for challenge-based collaborative intrusion detection. International Journal of Information Security, 2021, 20, 127-139.	2.3	33
5	Traceable Monero: Anonymous Cryptocurrency with Enhanced Accountability. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 679-691.	3.7	65
6	DualRing: Generic Construction of Ring Signatures with Efficient Instantiations. Lecture Notes in Computer Science, 2021, , 251-281.	1.0	19
7	Detecting insider attacks in medical cyber-physical networks based on behavioral profiling. Future Generation Computer Systems, 2020, 108, 1258-1266.	4.9	49
8	Practical Escrow Protocol for Bitcoin. IEEE Transactions on Information Forensics and Security, 2020, 15, 3023-3034.	4.5	9
9	RingCT 3.0 for Blockchain Confidential Transaction: Shorter Size and Stronger Security. Lecture Notes in Computer Science, 2020, , 464-483.	1.0	45
10	Ring Signatures Based on Middle-Product Learning with Errors Problems. Lecture Notes in Computer Science, 2019, , 139-156.	1.0	2
11	(Linkable) Ring Signature from Hash-Then-One-Way Signature. , 2019, , .		2
12	Meta-Key: A Secure Data-Sharing Protocol Under Blockchain-Based Decentralized Storage Architecture. IEEE Networking Letters, 2019, 1, 30-33.	1.5	37
13	A game-theoretic method based on Q-learning to invalidate criminal smart contracts. Information Sciences, 2019, 498, 144-153.	4.0	39
14	Raptor: A Practical Lattice-Based (Linkable) Ring Signature. Lecture Notes in Computer Science, 2019, , 110-130.	1.0	41
15	An efficient linkable group signature for payer tracing in anonymous cryptocurrencies. Future Generation Computer Systems, 2019, 101, 29-38.	4.9	22
16	Decentralized blacklistable anonymous credentials with reputation. Computers and Security, 2019, 85, 353-371.	4.0	17
17	Blockchain based secure data sharing system for Internet of vehicles: A position paper. Vehicular Communications, 2019, 16, 85-93.	2.7	84
18	A Light-Weight White-Box Encryption Scheme for Securing Distributed Embedded Devices. IEEE Transactions on Computers, 2019, 68, 1411-1427.	2.4	9

#	ARTICLE	IF	CITATIONS
19	Identity-based revocation system: Enhanced security model and scalable bounded IBRS construction with short parameters. Information Sciences, 2019, 472, 35-52.	4.0	2
20	Simulation-based selective opening security for receivers under chosen-ciphertext attacks. Designs, Codes, and Cryptography, 2019, 87, 1345-1371.	1.0	13
21	A Distributed Trust Evaluation Protocol with Privacy Protection for Intercloud. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1208-1221.	4.0	12
22	Efficient attribute-based encryption with attribute revocation for assured data deletion. Information Sciences, 2019, 479, 640-650.	4.0	93
23	Accountable Anonymous Credentials. , 2019, , 49-68.		1
24	A Survey on Access Control in Fog Computing. , 2018, 56, 144-149.		86
25	Fuzzy matching and direct revocation: a new CP-ABE scheme from multilinear maps. Soft Computing, 2018, 22, 2267-2274.	2.1	23
26	Towards leakage-resilient fine-grained access control in fog computing. Future Generation Computer Systems, 2018, 78, 763-777.	4.9	44
27	Position based cryptography with location privacy: A step for Fog Computing. Future Generation Computer Systems, 2018, 78, 799-806.	4.9	50
28	Functional encryption for computational hiding in prime order groups via pair encodings. Designs, Codes, and Cryptography, 2018, 86, 97-120.	1.0	1
29	Privacy-preserving personal data operation on mobile cloud—Chances and challenges over advanced persistent threat. Future Generation Computer Systems, 2018, 79, 337-349.	4.9	32
30	PPFilter: Provider Privacy-aware Encrypted Filtering System. IEEE Transactions on Services Computing, 2018, , 1-1.	3.2	1
31	When Query Authentication Meets Fine-Grained Access Control. , 2018, , .		32
32	Platform-Independent Secure Blockchain-Based Voting System. Lecture Notes in Computer Science, 2018, , 369-386.	1.0	75
33	Practical Range Proof for Cryptocurrency Monero with Provable Security. Lecture Notes in Computer Science, 2018, , 255-262.	1.0	3
34	Exploiting Proximity-Based Mobile Apps for Large-Scale Location Privacy Probing. Security and Communication Networks, 2018, 2018, 1-22.	1.0	2
35	Post-Quantum One-Time Linkable Ring Signature and Application to Ring Confidential Transactions in Blockchain (Lattice RingCT v1.0). Lecture Notes in Computer Science, 2018, , 558-576.	1.0	50
36	Achieving Flexibility for ABE with Outsourcing via Proxy Re-Encryption. , 2018, , .		1

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37	Order-Hiding Range Query over Encrypted Data without Search Pattern Leakage. Computer Journal, 2018, 61, 1806-1824.	1.5	4
38	Hedged Nonce-Based Public-Key Encryption: Adaptive Security Under Randomness Failures. Lecture Notes in Computer Science, 2018, , 253-279.	1.0	4
39	Towards Efficient Verifiable Conjunctive Keyword Search for Large Encrypted Database. Lecture Notes in Computer Science, 2018, , 83-100.	1.0	25
40	Decentralized Blacklistable Anonymous Credentials with Reputation. Lecture Notes in Computer Science, 2018, , 720-738.	1.0	5
41	Lattice-Based Universal Accumulator with Nonmembership Arguments. Lecture Notes in Computer Science, 2018, , 502-519.	1.0	3
42	Towards secure and cost-effective fuzzy access control in mobile cloud computing. Soft Computing, 2017, 21, 2643-2649.	2.1	13
43	An Efficient KP-ABE with Short Ciphertexts in Prime Order Groups under Standard Assumption. , 2017, , .		6
44	Cloud computing security and privacy: Standards and regulations. Computer Standards and Interfaces, 2017, 54, 1-2.	3.8	19
45	CloudBot: Advanced mobile botnets using ubiquitous cloud technologies. Pervasive and Mobile Computing, 2017, 41, 270-285.	2.1	9
46	A general framework for secure sharing of personal health records in cloud system. Journal of Computer and System Sciences, 2017, 90, 46-62.	0.9	60
47	Detecting Malicious Nodes in Medical Smartphone Networks Through Euclidean Distance-Based Behavioral Profiling. Lecture Notes in Computer Science, 2017, , 163-175.	1.0	3
48	Fuzzy Public-Key Encryption Based on Biometric Data. Lecture Notes in Computer Science, 2017, , 400-409.	1.0	3
49	RingCT 2.0: A Compact Accumulator-Based (Linkable Ring Signature) Protocol for Blockchain Cryptocurrency Monero. Lecture Notes in Computer Science, 2017, , 456-474.	1.0	157
50	Special issue on security and privacy for smart cities. Personal and Ubiquitous Computing, 2017, 21, 775-775.	1.9	2
51	Identity-Based Remote Data Integrity Checking With Perfect Data Privacy Preserving for Cloud Storage. IEEE Transactions on Information Forensics and Security, 2017, 12, 767-778.	4.5	342
52	Evaluating Challenge-Based Trust Mechanism in Medical Smartphone Networks: An Empirical Study. , 2017, , .		6
53	A Quantitative Risk Assessment Model Involving Frequency and Threat Degree under Line-of-Business Services for Infrastructure of Emerging Sensor Networks. Sensors, 2017, 17, 642.	2.1	10
54	Exploring Effect of Location Number on Map-Based Graphical Password Authentication. Lecture Notes in Computer Science, 2017, , 301-313.	1.0	11

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55	I Know Where You All Are! Exploiting Mobile Social Apps for Large-Scale Location Privacy Probing. Lecture Notes in Computer Science, 2016, , 3-19.	1.0	3
56	Relations between robustness and RKA security under public-key encryption. Theoretical Computer Science, 2016, 628, 78-91.	0.5	3
57	Efficient Generic Construction of CCA-Secure Identity-Based Encryption from Randomness Extraction. Computer Journal, 2016, 59, 508-521.	1.5	3
58	A Tag Based Encoding: An Efficient Encoding for Predicate Encryption in Prime Order Groups. Lecture Notes in Computer Science, 2016, , 3-22.	1.0	6
59	Anonymous Identification for Ad Hoc Group. , 2016, , .		0
60	Public Cloud Data Auditing with Practical Key Update and Zero Knowledge Privacy. Lecture Notes in Computer Science, 2016, , 389-405.	1.0	11
61	Anonymous Announcement System (AAS) for Electric Vehicle in VANETs. Computer Journal, 2016, , .	1.5	1
62	Security and privacy in big data. Concurrency Computation Practice and Experience, 2016, 28, 2856-2857.	1.4	1
63	Cloud data integrity checking with an identity-based auditing mechanism from RSA. Future Generation Computer Systems, 2016, 62, 85-91.	4.9	101
64	Efficient Privacy-Preserving Charging Station Reservation System for Electric Vehicles. Computer Journal, 2016, 59, 1040-1053.	1.5	12
65	Fine-Grained Two-Factor Access Control for Web-Based Cloud Computing Services. IEEE Transactions on Information Forensics and Security, 2016, 11, 484-497.	4.5	85
66	Leakage-Resilient Functional Encryption via Pair Encodings. Lecture Notes in Computer Science, 2016, , 443-460.	1.0	7
67	Generic Anonymous Identity-Based Broadcast Encryption with Chosen-Ciphertext Security. Lecture Notes in Computer Science, 2016, , 207-222.	1.0	7
68	An Efficient Secure Channel Free Searchable Encryption Scheme with Multiple Keywords. Lecture Notes in Computer Science, 2016, , 251-265.	1.0	14
69	Authentication and Transaction Verification Using QR Codes with a Mobile Device. Lecture Notes in Computer Science, 2016, , 437-451.	1.0	11
70	PEVTS: Privacy-Preserving Electric Vehicles Test-Bedding Scheme. , 2015, , .		0
71	Improving Privacy and Security in Decentralized Ciphertext-Policy Attribute-Based Encryption. IEEE Transactions on Information Forensics and Security, 2015, 10, 665-678.	4.5	117
72	Proof of retrievability with public verifiability resilient against related-key attacks. IET Information Security, 2015, 9, 43-49.	1.1	17

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73	Adaptively Secure Identity-Based Broadcast Encryption With a Constant-Sized Ciphertext. IEEE Transactions on Information Forensics and Security, 2015, 10, 679-693.	4.5	54
74	Revisiting Security Against the Arbitrator in Optimistic Fair Exchange. Computer Journal, 2015, 58, 2665-2676.	1.5	1
75	Secure sharing and searching for real-time video data in mobile cloud. IEEE Network, 2015, 29, 46-50.	4.9	57
76	Secure Delegation of Signing Power from Factorization. Computer Journal, 2015, 58, 867-877.	1.5	1
77	AAC-OT: Accountable Oblivious Transfer With Access Control. IEEE Transactions on Information Forensics and Security, 2015, 10, 2502-2514.	4.5	13
78	A Visual One-Time Password Authentication Scheme Using Mobile Devices. Lecture Notes in Computer Science, 2015, , 243-257.	1.0	7
79	Enhanced privacy of a remote data integrity-checking protocol for secure cloud storage. International Journal of Information Security, 2015, 14, 307-318.	2.3	64
80	A secure and efficient Ciphertext-Policy Attribute-Based Proxy Re-Encryption for cloud data sharing. Future Generation Computer Systems, 2015, 52, 95-108.	4.9	128
81	Optimistic fair exchange in the enhanced chosen-key model. Theoretical Computer Science, 2015, 562, 57-74.	0.5	2
82	Time-Bound Anonymous Authentication for Roaming Networks. IEEE Transactions on Information Forensics and Security, 2015, 10, 178-189.	4.5	46
83	Remote data possession checking with enhanced security for cloud storage. Future Generation Computer Systems, 2015, 52, 77-85.	4.9	48
84	 xlink:href="huang-ieq1-2366741.gif"/ Attribute-Based Anonymous Access Control for Cloud Computing. IEEE Transactions on Computers, 2015, 64, 2595-2608.	2.4	44
85	Comments on a Public Auditing Mechanism for Shared Cloud Data Service. IEEE Transactions on Services Computing, 2015, 8, 998-999.	3.2	37
86	Fully Secure Ciphertext-Policy Attribute Based Encryption with Security Mediator. Lecture Notes in Computer Science, 2015, , 274-289.	1.0	11
87	PPDCP-ABE: Privacy-Preserving Decentralized Ciphertext-Policy Attribute-Based Encryption. Lecture Notes in Computer Science, 2014, , 73-90.	1.0	33
88	Revisiting Optimistic Fair Exchange Based on Ring Signatures. IEEE Transactions on Information Forensics and Security, 2014, 9, 1883-1892.	4.5	1
89	(Strong) multidesignated verifiers signatures secure against rogue key attack. Concurrency Computation Practice and Experience, 2014, 26, 1574-1592.	1.4	6
90	Public-Key Encryption Resilient against Linear Related-Key Attacks Revisited. , 2014, , .		3

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91	Cryptography in Cloud Computing. Future Generation Computer Systems, 2014, 30, 90.	4.9	1
92	A New Payment System for Enhancing Location Privacy of Electric Vehicles. IEEE Transactions on Vehicular Technology, 2014, 63, 3-18.	3.9	70
93	Improvements on an authentication scheme for vehicular sensor networks. Expert Systems With Applications, 2014, 41, 2559-2564.	4.4	106
94	Improved security of a dynamic remote data possession checking protocol for cloud storage. Expert Systems With Applications, 2014, 41, 7789-7796.	4.4	49
95	Signcryption Secure Against Linear Related-Key Attacks. Computer Journal, 2014, 57, 1472-1483.	1.5	2
96	Security pitfalls of an efficient threshold proxy signature scheme for mobile agents. Information Processing Letters, 2014, 114, 5-8.	0.4	2
97	Collusion-Resistance in Optimistic Fair Exchange. IEEE Transactions on Information Forensics and Security, 2014, 9, 1227-1239.	4.5	1
98	A DFA-Based Functional Proxy Re-Encryption Scheme for Secure Public Cloud Data Sharing. IEEE Transactions on Information Forensics and Security, 2014, 9, 1667-1680.	4.5	85
99	Attribute-based optimistic fair exchange: How to restrict brokers with policies. Theoretical Computer Science, 2014, 527, 83-96.	0.5	2
100	Two-Party (Blind) Ring Signatures and Their Applications. Lecture Notes in Computer Science, 2014, , 403-417.	1.0	0
101	Linkable Ring Signature with Unconditional Anonymity. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 157-165.	4.0	68
102	Anonymous broadcast encryption with an untrusted gateway. International Journal of Security and Networks, 2014, 9, 20.	0.1	0
103	Efficient Semi-static Secure Broadcast Encryption Scheme. Lecture Notes in Computer Science, 2014, , 62-76.	1.0	6
104	An Adaptively CCA-Secure Ciphertext-Policy Attribute-Based Proxy Re-Encryption for Cloud Data Sharing. Lecture Notes in Computer Science, 2014, , 448-461.	1.0	28
105	New Insight to Preserve Online Survey Accuracy and Privacy in Big Data Era. Lecture Notes in Computer Science, 2014, , 182-199.	1.0	5
106	Complete Robustness in Identity-Based Encryption. Lecture Notes in Computer Science, 2014, , 342-349.	1.0	0
107	Server-aided signatures verification secure against collusion attack. Information Security Technical Report, 2013, 17, 46-57.	1.3	13
108	Realizing Fully Secure Unrestricted ID-Based Ring Signature in the Standard Model Based on HIBE. IEEE Transactions on Information Forensics and Security, 2013, 8, 1909-1922.	4.5	17

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109	Secure ID-based linkable and revocable-iff-linked ring signature with constant-size construction. Theoretical Computer Science, 2013, 469, 1-14.	0.5	57
110	Efficient Linkable and/or Threshold Ring Signature Without Random Oracles. Computer Journal, 2013, 56, 407-421.	1.5	41
111	Privacy-Enhanced Keyword Search in Clouds. , 2013, , .		1
112	Constant-Size Dynamic \mathbb{Z}_k -Times Anonymous Authentication. IEEE Systems Journal, 2013, 7, 249-261.	2.9	26
113	Verifiable and Anonymous Encryption in Asymmetric Bilinear Maps. , 2013, , .		0
114	Public-Key Encryption Resilient to Linear Related-Key Attacks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 182-196.	0.2	5
115	Threshold-Oriented Optimistic Fair Exchange. Lecture Notes in Computer Science, 2013, , 424-438.	1.0	2
116	Relations among Privacy Notions for Signcryption and Key Invisible "Sign-then-Encrypt". Lecture Notes in Computer Science, 2013, , 187-202.	1.0	7
117	Anonymous Signcryption against Linear Related-Key Attacks. Lecture Notes in Computer Science, 2013, , 165-183.	1.0	0
118	PERM. , 2012, , .		22
119	Forward Secure Attribute-Based Signatures. Lecture Notes in Computer Science, 2012, , 167-177.	1.0	7
120	Enhancing Location Privacy for Electric Vehicles (at the Right time). Lecture Notes in Computer Science, 2012, , 397-414.	1.0	28
121	Efficient Escrow-Free Identity-Based Signature. Lecture Notes in Computer Science, 2012, , 161-174.	1.0	6
122	Perfect Ambiguous Optimistic Fair Exchange. Lecture Notes in Computer Science, 2012, , 142-153.	1.0	6
123	(Strong) Multi-Designated Verifiers Signatures Secure against Rogue Key Attack. Lecture Notes in Computer Science, 2012, , 334-347.	1.0	5
124	Privacy-Preserved Access Control for Cloud Computing. , 2011, , .		20
125	Threshold ring signature without random oracles. , 2011, , .		14
126	Server-aided signatures verification secure against collusion attack. , 2011, , .		7

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127	PEREA. ACM Transactions on Information and System Security, 2011, 14, 1-34.	4.5	227
128	Electronic Cash with Anonymous User Suspension. Lecture Notes in Computer Science, 2011, , 172-188.	1.0	2
129	BLAC. ACM Transactions on Information and System Security, 2010, 13, 1-33.	4.5	33
130	Attribute-based signature and its applications. , 2010, , .		188
131	Proof-of-Knowledge of Representation of Committed Value and Its Applications. Lecture Notes in Computer Science, 2010, , 352-369.	1.0	10
132	Short Generic Transformation to Strongly Unforgeable Signature in the Standard Model. Lecture Notes in Computer Science, 2010, , 168-181.	1.0	3
133	A Suite of Non-pairing ID-Based Threshold Ring Signature Schemes with Different Levels of Anonymity (Extended Abstract). Lecture Notes in Computer Science, 2010, , 166-183.	1.0	25
134	Oblivious Transfer with Access Control : Realizing Disjunction without Duplication. Lecture Notes in Computer Science, 2010, , 96-115.	1.0	14
135	Is the Notion of Divisible On-Line/Off-Line Signatures Stronger than On-Line/Off-Line Signatures?. Lecture Notes in Computer Science, 2009, , 129-139.	1.0	2
136	Dynamic Universal Accumulators for DDH Groups and Their Application to Attribute-Based Anonymous Credential Systems. Lecture Notes in Computer Science, 2009, , 295-308.	1.0	61
137	Online/Offline Ring Signature Scheme. Lecture Notes in Computer Science, 2009, , 80-90.	1.0	7
138	Escrowed Deniable Identification Schemes. Communications in Computer and Information Science, 2009, , 234-241.	0.4	1
139	PEREA. , 2008, , .		42
140	Traceable and Retrievable Identity-Based Encryption. Lecture Notes in Computer Science, 2008, , 94-110.	1.0	26
141	Practical Anonymous Divisible E-Cash from Bounded Accumulators. Lecture Notes in Computer Science, 2008, , 287-301.	1.0	34
142	Blacklistable anonymous credentials. , 2007, , .		75
143	Certificate Based (Linkable) Ring Signature. , 2007, , 79-92.		46
144	Practical Compact E-Cash. , 2007, , 431-445.		22

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145	(Convertible) Undeniable Signatures Without Random Oracles. Lecture Notes in Computer Science, 2007, , 83-97.	1.0	12
146	Short Linkable Ring Signatures Revisited. Lecture Notes in Computer Science, 2006, , 101-115.	1.0	51
147	Constant-Size ID-Based Linkable and Revocable-iff-Linked Ring Signature. Lecture Notes in Computer Science, 2006, , 364-378.	1.0	34
148	Constant-Size Dynamic k -TAA. Lecture Notes in Computer Science, 2006, , 111-125.	1.0	148
149	ID-Based Ring Signature Scheme Secure in the Standard Model. Lecture Notes in Computer Science, 2006, , 1-16.	1.0	48
150	Short E-Cash. Lecture Notes in Computer Science, 2005, , 332-346.	1.0	14
151	Separable Linkable Threshold Ring Signatures. Lecture Notes in Computer Science, 2004, , 384-398.	1.0	71