

# Robert H Deng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

270  
papers

6,051  
citations

41  
h-index

68  
g-index

298  
ext. papers

7,387  
ext. citations

4.2  
avg, IF

6.65  
L-index

#	Paper	IF	Citations
270	VOLERE: Leakage Resilient User Authentication Based on Personal Voice Challenges. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022, 1-1	3.9	
269	Privacy-Preserving Ranked Spatial Keyword Query in Mobile Cloud-Assisted Fog Computing. <i>IEEE Transactions on Mobile Computing</i> , 2022, 1-1	4.6	1
268	Ranked Keyword Search over Encrypted Cloud Data Through Machine Learning Method. <i>IEEE Transactions on Services Computing</i> , 2022, 1-1	4.8	2
267	DistPreserv: Maintaining User Distribution for Privacy-Preserving Location-Based Services. <i>IEEE Transactions on Mobile Computing</i> , 2022, 1-1	4.6	1
266	Privacy-Preserving Boolean Range Query with Temporal Access Control in Mobile Computing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022, 1-1	4.2	0
265	Towards Privacy-Preserving Spatial Distribution Crowdsensing: A Game Theoretic Approach. <i>IEEE Transactions on Information Forensics and Security</i> , 2022, 17, 804-818	8	1
264	CrowdFL: Privacy-Preserving Mobile Crowdsensing System via Federated Learning. <i>IEEE Transactions on Mobile Computing</i> , 2022, 1-1	4.6	6
263	CASE-SSE: Context-aware Semantically Extensible Searchable Symmetric Encryption for Encrypted Cloud Data. <i>IEEE Transactions on Services Computing</i> , 2022, 1-1	4.8	
262	Redactable Blockchain in Decentralized Setting. <i>IEEE Transactions on Information Forensics and Security</i> , 2022, 17, 1227-1242	8	3
261	PrivacySignal: Privacy-Preserving Traffic Signal Control for Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 1-14	6.1	4
260	Verifiable Fuzzy Multi-keyword Search over Encrypted Data with Adaptive Security. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022, 1-1	4.2	2
259	Lightweight Privacy-Preserving GAN Framework for Model Training and Image Synthesis. <i>IEEE Transactions on Information Forensics and Security</i> , 2022, 17, 1083-1098	8	1
258	ShieldFL: Mitigating Model Poisoning Attacks in Privacy-Preserving Federated Learning. <i>IEEE Transactions on Information Forensics and Security</i> , 2022, 17, 1639-1654	8	5
257	LinkBreaker: Breaking the Backdoor-Trigger Link in DNNs via Neurons Consistency Check. <i>IEEE Transactions on Information Forensics and Security</i> , 2022, 1-1	8	
256	5G-enabled Intelligent Application for Distributed Industrial Internet-of-Thing System. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 1-1	11.9	0
255	A Secure EMR Sharing System with Tamper Resistance and Expressive Access Control. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021, 1-1	3.9	1
254	Time-Controlled Hierarchical Multi-keyword Search over Encrypted Data in Cloud-Assisted IoT. <i>IEEE Internet of Things Journal</i> , 2021, 1-1	10.7	

253	Towards Efficient Verifiable Boolean Search over Encrypted Cloud Data. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 1-1	3.3	3
252	Share your data carefree: An efficient, scalable and privacy-preserving data sharing service in cloud computing. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 1-1	3.3	5
251	Enabling Efficient Spatial Keyword Queries on Encrypted Data With Strong Security Guarantees. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 16, 4909-4923	8	4
250	Secure Collaborative Deep Learning Against GAN Attacks in the Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 5839-5849	10.7	6
249	Lattice-based remote user authentication from reusable fuzzy signature. <i>Journal of Computer Security</i> , <b>2021</b> , 29, 273-298	0.8	
248	Expressive Bilateral Access Control for Internet-of-Things in Cloud-Fog Computing <b>2021</b> ,		4
247	Proxy-Free Privacy-Preserving Task Matching with Efficient Revocation in Crowdsourcing. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 117-130	3.9	18
246	Privacy-Preserving Reinforcement Learning Design for Patient-Centric Dynamic Treatment Regimes. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2021</b> , 9, 456-470	4.1	19
245	Privacy-Preserving Attribute-Based Keyword Search in Shared Multi-owner Setting. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 1080-1094	3.9	71
244	Looking Back! Using Early Versions of Android Apps as Attack Vectors. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 652-666	3.9	2
243	Designing Leakage-Resilient Password Entry on Head-Mounted Smart Wearable Glass Devices. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 16, 307-321	8	7
242	Investigating the Adoption of Hybrid Encrypted Cloud Data Deduplication With Game Theory. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 32, 587-600	3.7	3
241	. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 563-575	3.9	4
240	Multi-Authority Attribute-Based Keyword Search over Encrypted Cloud Data. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	34
239	Robust and Universal Seamless Handover Authentication in 5G HetNets. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 858-874	3.9	42
238	A Traitor-resistant and Dynamic Anonymous Communication Service for Cloud-based VANETs. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 1-1	4.8	
237	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
236	Fine-Grained and Controllably Editable Data Sharing With Accountability in Cloud Storage. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	

235	Reliable Policy Updating under Efficient Policy Hidden Fine-grained Access Control Framework for Cloud Data Sharing. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 1-1	4.8	1
234	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 1-1	8	6
233	Orchestration or Automation: Authentication Flaw Detection in Android Apps. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	
232	Sanitizable Access Control System for Secure Cloud Storage Against Malicious Data Publishers. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	3
231	Verifiable Data Mining against Malicious Adversaries in Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	3
230	PriScore: Blockchain-Based Self-Tallying Election System Supporting Score Voting. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 1-1	8	2
229	Pocket Diagnosis: Secure Federated Learning against Poisoning Attack in the Cloud. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 1-1	4.8	3
228	VFIRM: Verifiable Fine-Grained Encrypted Image Retrieval in Multi-owner Multi-user Settings. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 1-1	4.8	5
227	Secure 5G Positioning with Truth Discovery, Attack Detection and Tracing. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	3
226	K-Time Modifiable and Epoch-Based Redactable Blockchain. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 16, 4507-4520	8	4
225	Secure and verifiable outsourced data dimension reduction on dynamic data. <i>Information Sciences</i> , <b>2021</b> , 573, 182-193	7.7	2
224	Game-theoretic analysis of encrypted cloud data deduplication <b>2021</b> , 335-356		
223	Dual Traceable Distributed Attribute-based Searchable Encryption and Ownership Transfer. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 1-1	3.3	3
222	PRICE: Privacy and Reliability-Aware Real-time Incentive System for Crowdsensing. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	8
221	Revocable Policy-Based Chameleon Hash. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 327-347	0.9	2
220	. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 1-1	3.9	21
219	Authenticated Data Redaction with Accountability and Transparency. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 1-1	3.9	3
218	Privacy-preserving Medical Treatment System through Nondeterministic Finite Automata. <i>IEEE Transactions on Cloud Computing</i> , <b>2020</b> , 1-1	3.3	2

217	Identity-Based Encryption Transformation for Flexible Sharing of Encrypted Data in Public Cloud. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2020</b> , 15, 3168-3180	8	24
216	Privacy-Preserving Federated Deep Learning with Irregular Users. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 1-1	3.9	13
215	Threshold Multi-keyword Search for Cloud-Based Group Data Sharing. <i>IEEE Transactions on Cloud Computing</i> , <b>2020</b> , 1-1	3.3	7
214	Editing-Enabled Signatures: A New Tool for Editing Authenticated Data. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 4997-5007	10.7	0
213	Lightweight and Privacy-Aware Fine-Grained Access Control for IoT-Oriented Smart Health. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 6566-6575	10.7	32
212	Secure server-aided data sharing clique with attestation. <i>Information Sciences</i> , <b>2020</b> , 522, 80-98	7.7	2
211	Game theoretical study on client-controlled cloud data deduplication. <i>Computers and Security</i> , <b>2020</b> , 91, 101730	4.9	5
210	Boosting Privately: Federated Extreme Gradient Boosting for Mobile Crowdsensing <b>2020</b> ,		15
209	Catch You If You Deceive Me: Verifiable and Privacy-Aware Truth Discovery in Crowdsensing Systems <b>2020</b> ,		5
208	Attribute-based Encryption for Cloud Computing Access Control. <i>ACM Computing Surveys</i> , <b>2020</b> , 53, 1-41 <sub>13.4</sub>		18
207	Privacy-preserving Network Path Validation. <i>ACM Transactions on Internet Technology</i> , <b>2020</b> , 20, 1-27	3.8	5
206	Server-aided revocable attribute-based encryption for cloud computing services. <i>Concurrency Computation Practice and Experience</i> , <b>2020</b> , 32, e5680	1.4	4
205	Secure and Verifiable Inference in Deep Neural Networks <b>2020</b> ,		4
204	Flexible Access Control over Privacy-Preserving Cloud Data Processing <b>2020</b> , 231-255		1
203	A New Construction for Linkable Secret Handshake. <i>Computer Journal</i> , <b>2020</b> , 63, 536-548	1.3	1
202	An Extended Framework of Privacy-Preserving Computation With Flexible Access Control. <i>IEEE Transactions on Network and Service Management</i> , <b>2020</b> , 17, 918-930	4.8	12
201	SDAC: A Slow-Aging Solution for Android Malware Detection Using Semantic Distance Based API Clustering. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 1-1	3.9	3
200	Lightning-fast and privacy-preserving outsourced computation in the cloud. <i>Cybersecurity</i> , <b>2020</b> , 3,	5	6

199	A new framework for privacy-preserving biometric-based remote user authentication. <i>Journal of Computer Security</i> , <b>2020</b> , 28, 469-498	0.8	
198	Driving Cybersecurity Policy Insights From Information on the Internet. <i>IEEE Security and Privacy</i> , <b>2020</b> , 18, 42-50	2	0
197	Search Me in the Dark: Privacy-preserving Boolean Range Query over Encrypted Spatial Data <b>2020</b> ,		17
196	A Secure Flexible and Tampering-Resistant Data Sharing System for Vehicular Social Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 12938-12950	6.8	16
195	VPSL: Verifiable Privacy-Preserving Data Search for Cloud-Assisted Internet of Things. <i>IEEE Transactions on Cloud Computing</i> , <b>2020</b> , 1-1	3.3	9
194	Update Recovery Attacks on Encrypted Database within Two Updates using Range Queries Leakage. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 1-1	3.9	10
193	Privacy-Preserving Outsourced Calculation Toolkit in the Cloud. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 17, 898-911	3.9	30
192	Multi-User Multi-Keyword Rank Search Over Encrypted Data in Arbitrary Language. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 17, 320-334	3.9	27
191	Privacy-Preserving Outsourced Support Vector Machine Design for Secure Drug Discovery. <i>IEEE Transactions on Cloud Computing</i> , <b>2020</b> , 8, 610-622	3.3	25
190	Privacy-Preserving Data Processing with Flexible Access Control. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 17, 363-376	3.9	30
189	Lightweight Sharable and Traceable Secure Mobile Health System. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 17, 78-91	3.9	47
188	Flexible Wildcard Searchable Encryption System. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 13, 464-477	4.7	16
187	Multi-User Verifiable Searchable Symmetric Encryption for Cloud Storage. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 17, 1322-1332	3.9	27
186	Verifiable Searchable Encryption Framework against Insider Keyword-Guessing Attack in Cloud Storage. <i>IEEE Transactions on Cloud Computing</i> , <b>2020</b> , 1-1	3.3	20
185	DroidEvolver: Self-Evolving Android Malware Detection System <b>2019</b> ,		30
184	Lightweight and Expressive Fine-grained Access Control for Healthcare Internet-of-Things. <i>IEEE Transactions on Cloud Computing</i> , <b>2019</b> , 1-1	3.3	29
183	Optimized Verifiable Fine-Grained Keyword Search in Dynamic Multi-Owner Settings. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2019</b> , 1-1	3.9	23
182	. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 7201-7212	10.7	34

181	Securing messaging services through efficient signcryption with designated equality test. <i>Information Sciences</i> , <b>2019</b> , 490, 146-165	7.7	16
180	MicroBTC: Efficient, Flexible and Fair Micropayment for Bitcoin Using Hash Chains. <i>Journal of Computer Science and Technology</i> , <b>2019</b> , 34, 403-415	1.7	5
179	An Attribute-Based Framework for Secure Communications in Vehicular Ad Hoc Networks. <i>IEEE/ACM Transactions on Networking</i> , <b>2019</b> , 27, 721-733	3.8	18
178	. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 1617-1627	10.7	0
177	Toward Highly Secure Yet Efficient KNN Classification Scheme on Outsourced Cloud Data. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 9841-9852	10.7	22
176	ObliDC <b>2019</b> ,		4
175	A Closer Look Tells More <b>2019</b> ,		7
174	Towards Understanding Android System Vulnerabilities <b>2019</b> ,		4
173	Secure Online/Offline Data Sharing Framework for Cloud-Assisted Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 8681-8691	10.7	40
172	Secure Cloud Data Deduplication with Efficient Re-encryption. <i>IEEE Transactions on Services Computing</i> , <b>2019</b> , 1-1	4.8	18
171	An empirical study of SMS one-time password authentication in Android apps <b>2019</b> ,		5
170	ObliComm: Towards Building an Efficient Oblivious Communication System. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2019</b> , 1-1	3.9	1
169	<b>2019</b> ,		2
168	Random Delay Attack and Its Applications on Load Frequency Control of Power Systems <b>2019</b> ,		4
167	Computing Maximum and Minimum with Privacy Preservation and Flexible Access Control <b>2019</b> ,		3
166	Data Security Issues in Deep Learning: Attacks, Countermeasures, and Opportunities. <i>IEEE Communications Magazine</i> , <b>2019</b> , 57, 116-122	9.1	46
165	A blockchain-based location privacy-preserving crowdsensing system. <i>Future Generation Computer Systems</i> , <b>2019</b> , 94, 408-418	7.5	85
164	CrowdBC: A Blockchain-Based Decentralized Framework for Crowdsourcing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2019</b> , 30, 1251-1266	3.7	191

163	Efficient and Robust Certificateless Signature for Data Crowdsensing in Cloud-Assisted Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 5099-5108	11.9	77
162	Hybrid Keyword-Field Search With Efficient Key Management for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3206-3217	11.9	34
161	SybSub: Privacy-Preserving Expressive Task Subscription With Sybil Detection in Crowdsourcing. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 3003-3013	10.7	9
160	When Human cognitive modeling meets PINs: User-independent inter-keystroke timing attacks. <i>Computers and Security</i> , <b>2019</b> , 80, 90-107	4.9	6
159	Privacy-Preserving Outsourced Clinical Decision Support System in the Cloud. <i>IEEE Transactions on Services Computing</i> , <b>2019</b> , 1-1	4.8	15
158	Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud. <i>IEEE Transactions on Big Data</i> , <b>2019</b> , 5, 330-342	3.2	35
157	Efficient and Privacy-Preserving Outsourced Calculation of Rational Numbers. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2018</b> , 15, 27-39	3.9	102
156	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 5287-5301	6.8	7
155	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2018</b> , 13, 2101-2113	8	55
154	Security and Privacy in Smart Health: Efficient Policy-Hiding Attribute-Based Access Control. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 2130-2145	10.7	234
153	Expressive query over outsourced encrypted data. <i>Information Sciences</i> , <b>2018</b> , 442-443, 33-53	7.7	14
152	Anonymous Privacy-Preserving Task Matching in Crowdsourcing. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 3068-3078	10.7	34
151	SCLib <b>2018</b> ,		5
150	Server-Aided Attribute-Based Signature With Revocation for Resource-Constrained Industrial-Internet-of-Things Devices. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3724-3732	11.9	31
149	Empirical Study of Face Authentication Systems Under OSNFD Attacks. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2018</b> , 15, 231-245	3.9	13
148	Efficient and Expressive Keyword Search Over Encrypted Data in Cloud. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2018</b> , 15, 409-422	3.9	44
147	VPSearch: Achieving Verifiability for Privacy-Preserving Multi-Keyword Search over Encrypted Cloud Data. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2018</b> , 15, 1083-1095	3.9	34
146	Verifiably encrypted cascade-instantiable blank signatures to secure progressive decision management. <i>International Journal of Information Security</i> , <b>2018</b> , 17, 347-363	2.8	1



145	Resonance Attacks on Load Frequency Control of Smart Grids. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 4490-4502	10.7	50
144	Hybrid privacy-preserving clinical decision support system in fog/cloud computing. <i>Future Generation Computer Systems</i> , <b>2018</b> , 78, 825-837	7.5	66
143	Attribute-based cloud storage with secure provenance over encrypted data. <i>Future Generation Computer Systems</i> , <b>2018</b> , 79, 461-472	7.5	12
142	TinyVisor: An extensible secure framework on android platforms. <i>Computers and Security</i> , <b>2018</b> , 72, 145-162	7.2	3
141	Lightweight Break-Glass Access Control System for Healthcare Internet-of-Things. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3610-3617	11.9	65
140	Outsourcing Service Fair Payment Based on Blockchain and Its Applications in Cloud Computing. <i>IEEE Transactions on Services Computing</i> , <b>2018</b> , 1-1	4.8	63
139	DeepRefiner: Multi-layer Android Malware Detection System Applying Deep Neural Networks <b>2018</b> ,		31
138	TKSE: Trustworthy Keyword Search Over Encrypted Data With Two-Side Verifiability via Blockchain. <i>IEEE Access</i> , <b>2018</b> , 6, 31077-31087	3.5	63
137	Blockchain based efficient and robust fair payment for outsourcing services in cloud computing. <i>Information Sciences</i> , <b>2018</b> , 462, 262-277	7.7	136
136	PriBioAuth: Privacy-Preserving Biometric-Based Remote User Authentication <b>2018</b> ,		4
135	Dual-side privacy-preserving task matching for spatial crowdsourcing. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 123, 101-111	7.9	6
134	Secure smart health with privacy-aware aggregate authentication and access control in Internet of Things. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 123, 89-100	7.9	38
133	PUSC: Privacy-Preserving User-Centric Skyline Computation Over Multiple Encrypted Domains <b>2018</b> ,		7
132	An Efficient Privacy-Preserving Outsourced Computation over Public Data. <i>IEEE Transactions on Services Computing</i> , <b>2017</b> , 10, 756-770	4.8	31
131	A Secure, Usable, and Transparent Middleware for Permission Managers on Android. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2017</b> , 14, 350-362	3.9	5
130	Adaptable key-policy attribute-based encryption with time interval. <i>Soft Computing</i> , <b>2017</b> , 21, 6191-6200	3.5	13
129	A study on a feasible no-root approach on Android. <i>Journal of Computer Security</i> , <b>2017</b> , 25, 231-253	0.8	1
128	Encrypted data processing with Homomorphic Re-Encryption. <i>Information Sciences</i> , <b>2017</b> , 409-410, 35-55	7.7	47

127	Identity-Based Data Outsourcing With Comprehensive Auditing in Clouds. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2017</b> , 12, 940-952	8	60
126	What You See is Not What You Get <b>2017</b> ,		3
125	Vulnerabilities, Attacks, and Countermeasures in Balise-Based Train Control Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2017</b> , 18, 814-823	6.1	22
124	HIBS-KSharing: Hierarchical Identity-Based Signature Key Sharing for Automotive. <i>IEEE Access</i> , <b>2017</b> , 5, 16314-16323	3.5	6
123	Attribute-Based Encryption with Expressive and Authorized Keyword Search. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 106-126	0.9	8
122	Secure Encrypted Data Deduplication with Ownership Proof and User Revocation. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 297-312	0.9	4
121	Attribute-Based Encryption with Granular Revocation. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 165-181	0.2	1
120	Ciphertext-policy attribute-based encryption with partially hidden access structure and its application to privacy-preserving electronic medical record system in cloud environment. <i>Security and Communication Networks</i> , <b>2016</b> , 9, 4897-4913	1.9	22
119	Server-Aided Revocable Attribute-Based Encryption. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 570-587	0.9	43
118	Escrow free attribute-based signature with self-revealability. <i>Information Sciences</i> , <b>2016</b> , 367-368, 660-672		15
117	An Efficient and Expressive Ciphertext-Policy Attribute-Based Encryption Scheme with Partially Hidden Access Structures. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 19-38	0.9	23
116	Anonymous Identity-Based Broadcast Encryption with Chosen-Ciphertext Security <b>2016</b> ,		27
115	An Efficient Privacy-Preserving Outsourced Calculation Toolkit With Multiple Keys. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2016</b> , 11, 2401-2414	8	137
114	Privacy-Preserving Outsourced Calculation on Floating Point Numbers. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2016</b> , 11, 2513-2527	8	49
113	A Privacy-Preserving Outsourced Functional Computation Framework Across Large-Scale Multiple Encrypted Domains. <i>IEEE Transactions on Computers</i> , <b>2016</b> , 1-1	2.5	10
112	ICCDetector: ICC-Based Malware Detection on Android. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2016</b> , 11, 1252-1264	8	98
111	Revocable and Decentralized Attribute-Based Encryption. <i>Computer Journal</i> , <b>2016</b> , 59, 1220-1235	1.3	13
110	CDRep <b>2016</b> ,		22

109	A Survey on Future Internet Security Architectures. <i>IEEE Access</i> , <b>2016</b> , 4, 4374-4393	3.5	30
108	Deduplication on Encrypted Big Data in Cloud. <i>IEEE Transactions on Big Data</i> , <b>2016</b> , 2, 138-150	3.2	87
107	Efficient Verifiable Computation of Linear and Quadratic Functions over Encrypted Data <b>2016</b> ,		6
106	CICC <b>2015</b> ,		3
105	Efficient revocable certificateless encryption against decryption key exposure. <i>IET Information Security</i> , <b>2015</b> , 9, 158-166	1.4	7
104	Server-Aided Revocable Identity-Based Encryption. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 286-304	0.9	29
103	On robust image spam filtering via comprehensive visual modeling. <i>Pattern Recognition</i> , <b>2015</b> , 48, 3227-3238	3.7	24
102	Automatic Accident Detection and Alarm System <b>2015</b> ,		3
101	Software Puzzle: A Countermeasure to Resource-Inflated Denial-of-Service Attacks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2015</b> , 10, 168-177	8	12
100	Privacy leakage analysis in online social networks. <i>Computers and Security</i> , <b>2015</b> , 49, 239-254	4.9	45
99	Leakage-resilient password entry: Challenges, design, and evaluation. <i>Computers and Security</i> , <b>2015</b> , 48, 196-211	4.9	11
98	Universally Composable RFID Mutual Authentication. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2015</b> , 1-1	3.9	2
97	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2015</b> , 10, 1384-1393	8	112
96	Efficient Virtualization-Based Application Protection Against Untrusted Operating System <b>2015</b> ,		6
95	Seeing Your Face Is Not Enough <b>2015</b> ,		17
94	CoverPad: A Leakage Resilient Password System on Touch-Screen Mobile Devices. <i>SpringerBriefs in Computer Science</i> , <b>2015</b> , 29-51	0.4	
93	ShadowKey: A Practical Leakage Resilient Password System. <i>SpringerBriefs in Computer Science</i> , <b>2015</b> , 53-64	0.4	
92	Fully secure key-policy attribute-based encryption with constant-size ciphertexts and fast decryption <b>2014</b> ,		17

91	Generic attacks on content-based video stream authentication <b>2014</b> ,		2
90	Unforgeability of an improved certificateless signature scheme in the standard model. <i>IET Information Security</i> , <b>2014</b> , 8, 273-276	1.4	2
89	Cryptanalysis of a signcryption scheme with fast online signing and short signcryptext. <i>Science China Information Sciences</i> , <b>2014</b> , 57, 1-5	3.4	2
88	A Hybrid Scheme for Authenticating Scalable Video Codestreams. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2014</b> , 9, 543-553	8	16
87	Technique for authenticating H.264/SVC and its performance evaluation over wireless mobile networks. <i>Journal of Computer and System Sciences</i> , <b>2014</b> , 80, 520-532	1	3
86	Generic attacks on content-based video stream authentication <b>2014</b> ,		1
85	Understanding OSN-based facial disclosure against face authentication systems <b>2014</b> ,		28
84	Key-Aggregate Cryptosystem for Scalable Data Sharing in Cloud Storage. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 468-477	3.7	113
83	Efficient authentication and access control of scalable multimedia streams over packet-lossy networks. <i>Security and Communication Networks</i> , <b>2014</b> , 7, 611-625	1.9	2
82	Adaptable Ciphertext-Policy Attribute-Based Encryption. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 199-204		11
81	Designing leakage-resilient password entry on touchscreen mobile devices <b>2013</b> ,		19
80	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2013</b> , 8, 1343-1354	8	255
79	Revocable Identity-Based Signature without Pairing <b>2013</b> ,		7
78	A novel service-oriented intelligent seamless migration algorithm and application for pervasive computing environments. <i>Future Generation Computer Systems</i> , <b>2013</b> , 29, 1919-1930	7.5	3
77	. <i>IEEE Transactions on Multimedia</i> , <b>2013</b> , 15, 1353-1364	6.6	11
76	DriverGuard. <i>ACM Transactions on Information and System Security</i> , <b>2013</b> , 16, 1-30		2
75	Detecting node replication attacks in wireless sensor networks: A survey. <i>Journal of Network and Computer Applications</i> , <b>2012</b> , 35, 1022-1034	7.9	65
74	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2012</b> , 7, 743-754	8	320

73	A Survey on Privacy Frameworks for RFID Authentication. <i>IEICE Transactions on Information and Systems</i> , <b>2012</b> , E95-D, 2-11	0.6	4
72	A Pollution Attack to Public-key Watermarking Schemes <b>2012</b> ,		2
71	A scalable and format-compliant encryption scheme for H.264/SVC bitstreams. <i>Signal Processing: Image Communication</i> , <b>2012</b> , 27, 1011-1024	2.8	16
70	Expressive CP-ABE with partially hidden access structures <b>2012</b> ,		92
69	Enhanced authentication for commercial video services. <i>Security and Communication Networks</i> , <b>2012</b> , 5, 1248-1259	1.9	6
68	A secure and efficient discovery service system in EPCglobal network. <i>Computers and Security</i> , <b>2012</b> , 31, 870-885	4.9	7
67	Detecting node replication attacks in mobile sensor networks: theory and approaches. <i>Security and Communication Networks</i> , <b>2012</b> , 5, 496-507	1.9	15
66	TruBeRepec: a trust-behavior-based reputation and recommender system for mobile applications. <i>Personal and Ubiquitous Computing</i> , <b>2012</b> , 16, 485-506	2.1	38
65	Scalable Content Authentication in H.264/SVC Videos Using Perceptual Hashing based on Dempster-Shafer theory. <i>International Journal of Computational Intelligence Systems</i> , <b>2012</b> , 5, 953-963	3.4	2
64	A Generic Framework for Three-Factor Authentication: Preserving Security and Privacy in Distributed Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2011</b> , 22, 1390-1397	3.7	151
63	A zero-knowledge based framework for RFID privacy. <i>Journal of Computer Security</i> , <b>2011</b> , 19, 1109-1146	0.8	4
62	Database Access Pattern Protection Without Full-Shuffles. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2011</b> , 6, 189-201	8	7
61	Preserving Transparency and Accountability in Optimistic Fair Exchange of Digital Signatures. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2011</b> , 6, 498-512	8	20
60	Secure localization with attack detection in wireless sensor networks. <i>International Journal of Information Security</i> , <b>2011</b> , 10, 155-171	2.8	24
59	Better security enforcement in trusted computing enabled heterogeneous wireless sensor networks. <i>Security and Communication Networks</i> , <b>2011</b> , 4, 11-22	1.9	8
58	Secure mobile agents with controlled resources. <i>Concurrency Computation Practice and Experience</i> , <b>2011</b> , 23, 1348-1366	1.4	1
57	Zero-error watermarking on jpeg images by shuffling huffman tree nodes <b>2011</b> ,		6
56	Improved Ordinary Measure and Image Entropy Theory based intelligent Copy Detection Method. <i>International Journal of Computational Intelligence Systems</i> , <b>2011</b> , 4, 777-787	3.4	0

55	On two RFID privacy notions and their relations. <i>ACM Transactions on Information and System Security</i> , <b>2011</b> , 14, 1-23		5
54	Fully Secure Cipertext-Policy Hiding CP-ABE. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 24-39	0.9	73
53	Hierarchical Identity-Based Chameleon Hash and Its Applications. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 201-219	0.9	8
52	Time-Bound Hierarchical Key Assignment: An Overview. <i>IEICE Transactions on Information and Systems</i> , <b>2010</b> , E93-D, 1044-1052	0.6	5
51	Shifting Inference Control to User Side: Architecture and Protocol. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2010</b> , 7, 189-202	3.9	4
50	Pseudonym-based RFID Discovery Service to Mitigate Unauthorized Tracking in Supply Chain Management <b>2010</b> ,		3
49	Time cost evaluation for executing RFID authentication protocols <b>2010</b> ,		3
48	Achieving high security and efficiency in RFID-tagged supply chains. <i>International Journal of Applied Cryptography</i> , <b>2010</b> , 2, 3	0.8	8
47	A new hardware-assisted PIR with $O(n)$ shuffle cost. <i>International Journal of Information Security</i> , <b>2010</b> , 9, 237-252	2.8	7
46	A Multi-Key Pirate Decoder Against Traitor Tracing Schemes. <i>Journal of Computer Science and Technology</i> , <b>2010</b> , 25, 362-374	1.7	0
45	New Constructions for Identity-Based Unidirectional Proxy Re-Encryption. <i>Journal of Computer Science and Technology</i> , <b>2010</b> , 25, 793-806	1.7	13
44	CCA-secure unidirectional proxy re-encryption in the adaptive corruption model without random oracles. <i>Science China Information Sciences</i> , <b>2010</b> , 53, 593-606	3.4	57
43	Efficient discrete logarithm based multi-signature scheme in the plain public key model. <i>Designs, Codes, and Cryptography</i> , <b>2010</b> , 54, 121-133	1.2	26
42	TeleOph: a secure real-time teleophthalmology system. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2010</b> , 14, 1259-66		15
41	Cryptanalysis of a Hierarchical Identity-Based Encryption Scheme. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2010</b> , E93-A, 854-856	0.4	1
40	Applying Sanitizable Signature to Web-Service-Enabled Business Processes: Going Beyond Integrity Protection <b>2009</b> ,		6
39	On Group Key Management for Secure Multicast Employing the Inverse Element <b>2009</b> ,		1
38	Conditional proxy re-encryption secure against chosen-ciphertext attack <b>2009</b> ,		77

37	A study of content authentication in proxy-enabled multimedia delivery systems. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2009</b> , 5, 1-20	3.4	5
36	nPAKE+: A Tree-Based Group Password-Authenticated Key Exchange Protocol Using Different Passwords. <i>Journal of Computer Science and Technology</i> , <b>2009</b> , 24, 138-151	1.7	1
35	Conditional Proxy Broadcast Re-Encryption. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 327-342	0.9	47
34	The security and improvement of an ultra-lightweight RFID authentication protocol. <i>Security and Communication Networks</i> , <b>2008</b> , 1, 135-146	1.9	7
33	Private Query on Encrypted Data in Multi-user Settings <b>2008</b> , 71-85		116
32	Chosen-Ciphertext Secure Proxy Re-encryption without Pairings. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 1-17	0.9	58
31	Vulnerability Analysis of EMAP-An Efficient RFID Mutual Authentication Protocol <b>2007</b> ,		68
30	Light-Weight Encryption Schemes for Multimedia Data and High-Speed Networks <b>2007</b> ,		4
29	Achieving End-to-End Authentication in Intermediary-Enabled Multimedia Delivery Systems <b>2007</b> , 284-300		1
28	nPAKE + : A Hierarchical Group Password-Authenticated Key Exchange Protocol Using Different Passwords. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 31-43	0.9	7
27	Enforcing Security in Mobile Networks: Challenges and Solutions <b>2006</b> , 359-380		
26	Three architectures for trusted data dissemination in edge computing. <i>Data and Knowledge Engineering</i> , <b>2006</b> , 58, 381-409	1.5	7
25	Minimizing TTP's involvement in signature validation. <i>International Journal of Information Security</i> , <b>2006</b> , 5, 37-47	2.8	6
24	Private Information Retrieval Using Trusted Hardware. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 49-64	0.9	28
23	. <i>IEEE Transactions on Computers</i> , <b>2005</b> , 54, 1473-1483	2.5	35
22	Tailored reversible watermarking schemes for authentication of electronic clinical atlas. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2005</b> , 9, 554-63		45
21	Scalable trusted online dissemination of JPEG2000 images. <i>Multimedia Systems</i> , <b>2005</b> , 11, 60-67	2.2	7
20	A smart-card-enabled privacy preserving E-prescription system. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2004</b> , 8, 47-58		25

19	New efficient user identification and key distribution scheme providing enhanced security. <i>Computers and Security</i> , <b>2004</b> , 23, 697-704	4.9	31
18	Security Analysis of Some Proxy Signatures. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 305-319	0.9	27
17	A flexible and scalable authentication scheme for JPEG2000 image codestreams <b>2003</b> ,		12
16	Validating Digital Signatures without TTP Time-Stamping and Certificate Revocation. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 96-110	0.9	7
15	Some Remarks on a Fair Exchange Protocol. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 46-57	0.9	32
14	Evolution of Fair Non-repudiation with TTP. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 258-269	0.9	36
13	Integrating security in the CORBA architecture. <i>Theory and Practice of Object Systems</i> , <b>1997</b> , 3, 3-13		1
12	Practical protocols for certified electronic mail. <i>Journal of Network and Systems Management</i> , <b>1996</b> , 4, 279-297	2.1	104
11	(d, k/T) constrained partial response maximum likelihood codes. <i>International Journal of Electronics</i> , <b>1995</b> , 78, 19-24	1.2	0
10	. <i>IEEE Transactions on Communications</i> , <b>1994</b> , 42, 2239-2245	6.9	17
9	Performance analysis of interconnected LANs with server/client configuration. <i>Computer Networks</i> , <b>1993</b> , 25, 1321-1333		2
8	LAN-based medical visualization communication system. <i>Computer Communications</i> , <b>1993</b> , 16, 518-525	5.1	
7	Performance of a token-passing system with batch arrivals and its application to file transfers. <i>Computer Communications</i> , <b>1993</b> , 16, 422-431	5.1	
6	Effects of station buffer capacity on token ring network performance. <i>Computer Communications</i> , <b>1993</b> , 16, 366-375	5.1	
5	End-to-end performance of interconnected LANs. <i>Computer Communications</i> , <b>1991</b> , 14, 105-112	5.1	4
4	Gateway design for LAN interconnection via ISDN. <i>Computer Networks</i> , <b>1990</b> , 19, 43-51		2
3	Malware Protection on RFID-Enabled Supply Chain Management Systems in the EPCglobal Network		153-175 1
2	Malware Protection on RFID-Enabled Supply Chain Management Systems in the EPCglobal Network		1166-1188



1 Remote Platform Attestation1-19