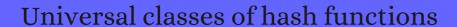
CITATION REPORT List of articles citing



DOI: 10.1016/0022-0000(79)90044-8 Journal of Computer and System Sciences, 1979, 18, 143-154.

Source: https://exaly.com/paper-pdf/14103835/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
1591	An adaptive constant time hashing scheme for dynamic key set.		
1590	PRAM programming: theory vs. practice.		2
1589	Probabilistic computations: Toward a unified measure of complexity. 1977,		359
1588	A note on universal classes of hash functions. 1980 , 10, 41-45		17
1587	. 1980 , 24, 95-100		
1586	Tuning the coalesced hashing method to obtain optimum performance. 1980,		2
1585	New hash functions and their use in authentication and set equality. <i>Journal of Computer and System Sciences</i> , 1981 , 22, 265-279	1	798
1584	On Logic Comparison. 1981,		5
1583	Implementations for coalesced hashing. 1982 , 25, 911-926		13
1582	The theory of signature testing for VLSI. 1982,		18
1581	On the program size of perfect and universal hash functions. 1982 ,		34
1580	The program complexity of searching a table. 1983 ,		2
1579	Analysis of the Search Performance of Coalesced Hashing. 1983 , 30, 231-258		19
1578	Bounded index exponential hashing. 1983 , 8, 136-165		28
1577	Compact Hash Tables Using Bidirectional Linear Probing. 1984 , C-33, 828-834		28
1576	How To Construct Randolli Functions.		25
1575	Hash table reorganization. 1985 , 6, 322-335		5

1574	Efficient Netlist Comparison Using Hierarchy and Randomization. 1985,		5
1573	A Simple Parallel Algorithm for the Maximal Independent Set Problem. <i>SIAM Journal on Computing</i> , 1986 , 15, 1036-1053	1.1	647
1572	NP is as easy as detecting unique solutions. 1986 , 47, 85-93		327
1571	How to Reduce your Enemy⊠ Information (extended abstract). 1985 , 468-476		19
1570	Graph isomorphism is in the low hierarchy. 1987 , 114-124		17
1569	Optimal signature extraction and information loss. 1987 , 12, 395-428		20
1568	Approximating the number of unique values of an attribute without sorting. 1987 , 12, 11-15		23
1567	A probabilistic distributed algorithm for set intersection and its analysis. 1987 , 49, 267-282		6
1566	Graph isomorphism is in the low hierarchy. <i>Journal of Computer and System Sciences</i> , 1988 , 37, 312-323	1	108
1565	Arthur-Merlin games: A randomized proof system, and a hierarchy of complexity classes. <i>Journal of Computer and System Sciences</i> , 1988 , 36, 254-276	1	310
1564	The generation of random permutations on the fly. 1988 , 28, 207-212		5
1563	Dynamic hash tables. 1988 , 31, 446-457		57
1562	. 1988,		42
1561	Privacy Amplification by Public Discussion. <i>SIAM Journal on Computing</i> , 1988 , 17, 210-229	1.1	557
1560	. 1988,		27
1559	Hashing practice: analysis of hashing and universal hashing. 1988 , 17, 191-199		3
1558	Parallel hashing. 1988 , 35, 876-892		35
1557	Randomized algorithms and pseudorandom numbers. 1988,		16

1556 .

1555	. 1989,	142
1554	Universal one-way hash functions and their cryptographic applications. 1989,	414
1553	File organization using composite perfect hashing. 1989 , 14, 231-263	17
1552	Proving properties of interactive proofs by a generalized counting technique. 1989 , 82, 185-197	3
1551	On the power of two-point based sampling. 1989 , 5, 96-106	116
1550	On hiding information from an oracle. <i>Journal of Computer and System Sciences</i> , 1989 , 39, 21-50	114
1549	. 1989,	168
1548	. 1989,	41
1547	Practical performance of Bloom filters and parallel free-text searching. 1989 , 32, 1237-1239	65
1546	The parallel simplicity of compaction and chaining. 1990 , 744-751	19
1545	Evaluating computer-generated domain-oriented vocabularies. 1990 , 26, 791-801	14
1544	Kolmogorov Complexity and its Applications. 1990 , 187-254	31
1543	General Purpose Parallel Architectures. 1990 , 943-971	84
1542		37
1541		16
1540		45
1539		2

1538	Randomness in interactive proofs.		9
1537	Faster algorithms for the shortest path problem. 1990 , 37, 213-223		292
1536	A bridging model for parallel computation. 1990 , 33, 103-111		2044
1535	Applications of Kolmogorov Complexity in the Theory of Computation. 1990 , 147-203		14
1534	Efficient computation on oblivious RAMs. 1990,		115
1533	A Time-Randomness Trade-Off for Oblivious Routing. <i>SIAM Journal on Computing</i> , 1990 , 19, 256-266	1.1	11
1532	No better ways to generate hard NP instances than picking uniformly at random. 1990,		46
1531			9
1530	•		3
1529			21
1528	On the complexity of counting in the polynomial hierarchy. 1991 , 81, 77-95		
1527	On parallel hashing and integer sorting. 1991 , 12, 573-606		27
1526	The greedy coloring is a bad probabilistic algorithm. 1991 , 12, 674-684		29
1525	How to emulate shared memory. <i>Journal of Computer and System Sciences</i> , 1991 , 42, 307-326	1	114
1524	Statistical zero-knowledge languages can be recognized in two rounds. <i>Journal of Computer and System Sciences</i> , 1991 , 42, 327-345	1	77
1523	A caution on universal classes of hash functions. 1991 , 37, 247-256		3
1522	Broadcast with partial knowledge (preliminary version). 1991,		2
1521	A dynamic hash method with signature. 1991 , 16, 309-337		5

1520	•	5
1519	Advances in Cryptology ŒUROCRYPT 🛭 0. 1991,	4
1518	Nonoblivious hashing. 1992 , 39, 764-782	18
1517	Efficient PRAM simulation on a distributed memory machine. 1992 ,	49
1516	A theory for memory-based learning. 1992 ,	
1515	Practical minimal perfect hash functions for large databases. 1992 , 35, 105-121	55
1514	•	15
1513	Chapter 7 Fundamental algorithms and data structures. 1992 , 3, 323-373	
1512	. 1992 , 12, 23-30	174
1511		2
1510	Bounded Round Interactive Proofs in Finite Groups. 1992 , 5, 88-111	25
1509	On the theory of average case complexity. <i>Journal of Computer and System Sciences</i> , 1992 , 44, 193-219 1	89
1508	Linear-density hashing with dynamic overflow sharing. 1992 , 17, 359-380	1
1507	Pseudorandom generators for space-bounded computation. 1992 , 12, 449-461	210
1506	The computational complexity of universal hashing. 1993 , 107, 121-133	72
1505	Estimating the size of a relational join. 1993 , 18, 189-196	16
1504	Clocked adversaries for hashing. 1993 , 9, 239-252	11
1503	Mathematical problems in cryptology. 1993 , 67, 3373-3406	

1	502	Bonsai: A compact representation of trees. 1993 , 23, 277-291		25
1	501	Randomness in interactive proofs. 1993 , 3, 319-354		28
1	500	Improved behaviour of tries by adaptive branching. 1993 , 46, 295-300		48
1.	499	Finding extremal sets in less than quadratic time. 1993 , 48, 29-34		18
1.	498	Rounds in Communication Complexity Revisited. SIAM Journal on Computing, 1993, 22, 211-219	1.1	101
1.	497	On the Existence of Pseudorandom Generators. SIAM Journal on Computing, 1993, 22, 1163-1175	1.1	71
1.	496	Local Randomness in Polynomial Random Number and Random Function Generators. <i>SIAM Journal on Computing</i> , 1993 , 22, 684-694	1.1	9
1.	495	A Monte-Carlo Algorithm for Estimating the Permanent. <i>SIAM Journal on Computing</i> , 1993 , 22, 284-293	1.1	64
1.	494	. 1993 , 11, 715-724		38
1.	493	Hashing strategies for simulating shared memory on distributed memory machines. 1993 , 20-29		9
1.	492	Randomized algorithms and pseudorandom numbers. 1993 , 40, 454-476		21
1.	491	Universal Hashing and Unconditional Authentication Codes.		1
1.	490	•		1
1.	489	Advances in Cryptology ICRYPTOID2. 1993,		7
1.	488	. 1994 , 6, 79-85		2
1.	487	Simple fast parallel hashing. 1994 , 239-250		
1.	486	Advances in Cryptology ŒUROCRYPT 🛭 3. 1994 ,		14
1.	485	Broadcast Encryption. 1993 , 480-491		569

1484	A BDD Package For A Massively Parallel SIMD Architecture.	0
1483	Provably good pattern generators for a random pattern test. 1994 , 11, 429-442	4
1482	Universal hashing and authentication codes. 1994 , 4, 369-380	145
1481	Algorithms for parallel memory, I: Two-level memories. 1994 , 12, 110-147	217
1480	Locality-preserving hash functions for general purpose parallel computation. 1994 , 12, 170-181	5
1479	RL(subseteq) SC. 1994 , 4, 1-11	36
1478	A combinatorial characterization of certain universal classes of hash functions. 1994 , 2, 161-166	1
1477	Combinatorial techniques for universal hashing. <i>Journal of Computer and System Sciences</i> , 1994 , 48, 337- 3 46	25
1476	Locating P/poly optimally in the extended low hierarchy. 1994 , 134, 263-285	14
1475	An Integrity Check Value Algorithm for Stream Ciphers. 1993 , 40-48	27
1474	Secret-Key Reconciliation by Public Discussion. 1993 , 410-423	280
1473	A theory for memory-based learning. 1994 , 17, 143-167	7
1472	LFSR-based Hashing and Authentication. 1994 , 129-139	234
1471	Unique Binary-Search-Tree Representations and Equality Testing of Sets and Sequences. <i>SIAM Journal on Computing</i> , 1994 , 23, 24-44	5
1470	Communication-Space Tradeoffs for Unrestricted Protocols. SIAM Journal on Computing, 1994 , 23, 652-6 <u>6.1</u>	12
1469	Dynamic Perfect Hashing: Upper and Lower Bounds. <i>SIAM Journal on Computing</i> , 1994 , 23, 738-761 1.1	185
1468		16
1467		15

1466	Randomness-efficient oblivious sampling.	55
1465	Optimal Broadcast with Partial Knowledge. 1995 , 116-130	1
1464	Transformational design and implementation of a new efficient solution to the ready simulation problem. 1995 , 24, 189-220	51
1463	Using multiset discrimination to solve language processing problems without hashing. 1995 , 145, 189-228	32
1462	On quasilinear-time complexity theory. 1995 , 148, 325-349	17
1461	The optimal size of a signature. 1995 , 21, 67-75	
1460	Sublogarithmic searching without multiplications.	15
1459	References. 1995 , 447-466	
1458	Generalized privacy amplification. <i>IEEE Transactions on Information Theory</i> , 1995 , 41, 1915-1923 2.8	823
¹ 457	On the structure of low sets [complexity classes].	3
1456	Committed Oblivious Transfer and Private Multi-Party Computation. 1995 , 110-123	76
1455	A2Bodes from universal hash classes. 1995 , 311-318	
1454	Bucket Hashing and its Application to Fast Message Authentication. 1995 , 29-42	50
1453	A secure and efficient conference key distribution system. 1995 , 275-286	300
1452	Visual cryptography. 1995 , 1-12	874
1451	Towards average-case complexity analysis of NP optimization problems.	8
1450	On superlinear lower bounds in complexity theory.	O
1449	Implementing the hierarchical PRAM on the 2D mesh: analyses and experiments.	5

1448	•	2
1447	Chernoff⊞oeffding Bounds for Applications with Limited Independence. 1995 , 8, 223-250	145
1446	Introduction to special issue on randomized and derandomized algorithms. 1996 , 16, 359-366	
1445	Simulating BPP using a general weak random source. 1996 , 16, 367-391	94
1444	Efficient PRAM simulation on a distributed memory machine. 1996 , 16, 517-542	39
1443	Efficient cryptographic schemes provably as secure as subset sum. 1996 , 9, 199-216	96
1442	Software protection and simulation on oblivious RAMs. 1996 , 43, 431-473	820
1441	Discrepancy sets and pseudorandom generators for combinatorial rectangles.	11
1440		1
1439	Pseudorandom functions revisited: the cascade construction and its concrete security.	30
1438	On the knowledge complexity of /spl Nscr//spl Pscr/.	
1437	On selectable collisionful hash functions. 1996 , 287-298	2
1436	Fast rehashing in PRAM emulations. 1996 , 155, 349-363	
1435	Exploiting storage redundancy to speed up randomized shared memory simulations. 1996 , 162, 245-281	23
1434	Randomized algorithms. 1996 , 28, 33-37	68
1433	Comparing information without leaking it. 1996 , 39, 77-85	164
1432	An improvement of the digital cash protocol of Okamoto and Ohta. 1996 , 436-445	
1431	Keyed hash functions. 1996 , 201-214	13

1430 Oracles in ap are sufficient for exact learning. 1997 , 277-290	3
1429 A message authentication code based on latin squares. 1997 , 194-203	5
1428 Data Structures and Algorithms. 1997 ,	2
1427 On the foundations of modern cryptography. 1997 , 46-74	17
1426 Efficient generation of shared RSA keys. 1997 , 425-439	126
1425 Quantum cryptanalysis of hash and claw-free functions. 1997 , 28, 14-19	54
1424 Unconditional security against memory-bounded adversaries. 1997 , 292-306	87
1423 Traceable visual cryptography. 1997 , 61-71	7
1422 Low-cost prevention of error-propagation for data compression with dynamic dictionaries.	2
Accounting for memory bank contention and delay in high-bandwidth multiprocessors. <i>IEEE</i> Transactions on Parallel and Distributed Systems, 1997 , 8, 943-958	7 17
1420 Efficient hardware hashing functions for high performance computers. 1997 , 46, 1378-1381	127
1419 Error-Resilient Optimal Data Compression. SIAM Journal on Computing, 1997 , 26, 934-949	1 8
1418 MMH: Software message authentication in the Gbit/second rates. 1997 , 172-189	88
1417 Reliable communication over partially authenticated networks. 1997 , 245-259	4
1416 The complexity of generating test instances. 1997 , 375-386	
Simulating Shared Memory in Real Time: On the Computation Power of Reconfigurable 1415 Architectures. 1997 , 137, 103-120	2
1414 Linking information reconciliation and privacy amplification. 1997 , 10, 97-110	129
1413 On the existence of statistically hiding bit commitment schemes and fail-stop signatures. 1997 , 10, 163-19	14 39

Efficient construction of a sr 14 ¹² 17, 215-234	mall hitting set for combinatorial rectangles in high dimension. 1997,	30
1411 Perfect hashing. 1997 , 182, 1	1-143	79
1410 Approximation algorithms fo	or multiple sequence alignment. 1997 , 182, 233-244	29
1409 Spatial match retrieval based	d on direction signatures using multiple key hashing scheme. 1997 , 12, 777-	788 1
1408 A Reliable Randomized Algo	rithm for the Closest-Pair Problem. 1997 , 25, 19-51	103
1407 Recognizing Hamming graph	ns in linear time and space. 1997 , 63, 91-95	4
1406 Statistical secrecy and multil	bit commitments. <i>IEEE Transactions on Information Theory</i> , 1998 , 44, 1143-1	1<u>5</u>8 29
1405 Sorting in Linear Time?. Jour	rnal of Computer and System Sciences, 1998 , 57, 74-93	1 56
Approximating Hyper-Rectar System Sciences, 1998 , 57, 37	ngles: Learning and Pseudorandom Sets. <i>Journal of Computer and</i> 76-388	1 24
1403 On probabilities of hash valu	ue matches. 1998 , 17, 171-176	11
Randomized Data Structures 14 ^{O2} 1998 , 27, 1036-1072	s for the Dynamic Closest-Pair Problem. SIAM Journal on Computing,	1.1 4
1401 New Collapse Consequences	s of NP Having Small Circuits. <i>SIAM Journal on Computing</i> , 1998 , 28, 311-324	1.1 46
1400 Min-wise independent perm	utations (extended abstract). 1998 ,	185
1399 Simple Fast Parallel Hashing	by Oblivious Execution. <i>SIAM Journal on Computing</i> , 1998 , 27, 1348-1375	1.1 2
1398 Optimal Broadcast with Part	ial Knowledge. SIAM Journal on Computing, 1998 , 28, 511-524	1.1 6
1397 .		29
1396 Unconditionally secure entit	y authentication.	
1395 Error resilient data compres:	sion with adaptive deletion.	

1394 . IEEE Transactions on Parallel and Distributed Systems, 1998 , 9, 1073-1087	3.7	1
1393 Provable security for block ciphers by decorrelation. 1998 , 249-275		49
1392 Cryptographic Primitives for Information Authentication E tate of the Art. 1998 , 49-104		13
1391 On contention resolution protocols and associated probabilistic phenomena. 1998 , 45, 324-378		14
1390 Sorting and searching on the word RAM. 1998 , 366-398		58
1389 A Derandomization Using Min-Wise Independent Permutations. 1998 , 15-24		8
1388 Complete problems for promise classes by optimal proof systems for test sets.		6
A two-level signature file based on a block-oriented data model for spatial match retrieval. 1998 , 21, 467-478		4
1386 Protocols for asymmetric communication channels.		1
$_{1385}$ Optimal lossless compression of a class of dynamic sources.		1
1384 Quantum cryptanalysis of hash and claw-free functions. 1998 , 163-169		76
1383 Secure and efficient metering. 1998 , 576-590		37
1382 Image density is complete for non-interactive-SZK. 1998 , 784-795		14
$_{13}8_{1}$ On the foundations of oblivious transfer. 1998 , 361-374		25
1380 Using magnetic disk instead of main memory in the Mur? verifier. 1998 , 172-183		36
1379 Simpler and faster dictionaries on the AC0 RAM. 1998 , 79-90		О
1378 Threshold traitor tracing. 1998 , 502-517		64
1377 Parsing and recognition of city, state, and ZIP codes in handwritten addresses. 1999 ,		21

1376 Optimal bounds for the predecessor problem. 1999 ,		30
1375 Space and time-efficient memory layout for multiple inheritance. 1999 ,		20
1374 The State of Cryptographic Hash Functions. 1999 , 158-182		25
1373 Reliable communication over partially authenticated networks. 1999 , 220, 185-210		18
1372 CNN Algorithms for Video Authentication and Copyright Protection. 1999 , 23, 449-463		1
1371 How to Stretch Random Functions: The Security of Protected Counter Sums. 1999 , 12, 185-192		33
1370 Bucket Hashing and Its Application to Fast Message Authentication. 1999 , 12, 91-115		28
Strongly universal hashing and identification codes via channels. <i>IEEE Transactions on Information Theory</i> , 1999 , 45, 2091-2095	n 2.8	18
1368 BPHSPACE(S)?DSPACE(S3/2). Journal of Computer and System Sciences, 1999 , 58, 376-403	1	39
1367 Lectures on Data Security. 1999 ,		4
1366 Linear hash functions. 1999 , 46, 667-683		25
1365 Selected Areas in Cryptography. 1999 ,		1
1364 An Optical Simulation of Shared Memory. SIAM Journal on Computing, 1999 , 28, 1829-1847	1.1	14
1363 A Pseudorandom Generator from any One-way Function. <i>SIAM Journal on Computing</i> , 1999 , 28, 1	364-139 <u>6</u> 1	876
1362 Space and time-efficient memory layout for multiple inheritance. 1999 , 34, 256-275		2
1361 Min-Wise Independent Permutations. <i>Journal of Computer and System Sciences</i> , 2000 , 60, 630-65	9 1	363
Constructions of authentication codes from algebraic curves over finite fields. <i>IEEE Transactions Information Theory</i> , 2000 , 46, 886-892	on _{2.8}	14
1359 Tracing traitors. <i>IEEE Transactions on Information Theory</i> , 2000 , 46, 893-910	2.8	184

1358	CBC MAC for Real-Time Data Sources. 2000 , 13, 315-338		82
1357	Information-Theoretic Key Agreement: From Weak to Strong Secrecy for Free. 2000 , 351-368		174
1356	Advances in Cryptology ŒUROCRYPT 2000. 2000 ,		5
1355	Advances in Cryptology [ASIACRYPT 2000. 2000 ,		7
1354	ORACLES IN \$Sigma^p_2\$ ARE SUFFFICIENT FOR EXACT LEARNING. 2000 , 11, 613-632		3
1353	Inherently large traceability of broadcast encryption scheme.		2
1352	Information Security and Cryptology - ICISC 9. 2000,		6
1351	Selected Areas in Cryptography. 2000 ,		4
1350	REACT: Rapid Enhanced-Security Asymmetric Cryptosystem Transform. 2000 , 159-174		106
1349	On RAM Priority Queues. SIAM Journal on Computing, 2000, 30, 86-109	1.1	58
1348	Rigorous Time/Space Trade-offs for Inverting Functions. <i>SIAM Journal on Computing</i> , 2000 , 29, 790-803	1.1	27
1347	Contention Resolution in Hashing Based Shared Memory Simulations. <i>SIAM Journal on Computing</i> , 2000 , 29, 1703-1739	1.1	14
1346	On the Determinization of Weighted Finite Automata. <i>SIAM Journal on Computing</i> , 2000 , 30, 1502-1531	1.1	35
1345	A novel cache architecture to support layer-four packet classification at memory access speeds.		7
1344	Security against individual attacks for realistic quantum key distribution. <i>Physical Review A</i> , 2000 , 61,	2.6	460
1343	Efficient authentication and signing of multicast streams over lossy channels.		311
1342	Adaptive-Attack Norm for Decorrelation and Super-Pseudorandomness. 2000, 49-61		22
1341	Quantum authentication of classical messages. <i>Physical Review A</i> , 2001 , 64,	2.6	75

1340	Analysis of a memory architecture for fast packet buffers.	35
1339	Using multiple hash functions to improve IP lookups.	86
1338	Cuckoo Hashing. 2001 , 121-133	79
1337	Literaturverzeichnis. 2001, 325-332	
1336	Deterministic Dictionaries. 2001 , 41, 69-85	69
1335	Protocols for Asymmetric Communication Channels. <i>Journal of Computer and System Sciences</i> , 2001 , 63, 573-596	15
1334	Optimal encoding of non-stationary sources. 2001 , 135, 87-105	4
1333	Parallelizing the Mur? Verifier. 2001 , 18, 117-129	30
1332	Hash-based IP traceback. 2001 , 31, 3-14	138
1331	Approximate distance oracles. 2001,	95
1330	Advances in Cryptology ŒUROCRYPT 2001. 2001 ,	13
1329	STACS 2001. 2001 ,	2
1328	A data tracking scheme for general networks. 2001 ,	11
1327	Compressed bloom filters. 2001,	94
1326	On the cell probe complexity of membership and perfect hashing. 2001,	14
1325	The faithfulness of abstract protocol analysis. 2001,	18
1324	Hash-based IP traceback. 2001 ,	271
1323	Streaming computation of combinatorial objects.	4

1322	Quantum pseudosignatures. 2002 , 49, 1269-1276		4
1321			23
1320	Expanders from symmetric codes. 2002 ,		2
1319	Affinity-based management of main memory database clusters. 2002 , 2, 307-339		5
1318	Authenticated-encryption with associated-data. 2002,		159
1317	Single-packet IP traceback. 2002 , 10, 721-734		233
1316	Compressed Bloom filters. 2002 , 10, 604-612		288
1315	A Functional Approach to External Graph Algorithms. 2002 , 32, 437-458		60
1314	Introduction to Cryptography. 2002,		80
1313	Cost-effective flow table designs for high-speed routers: architecture and performance evaluation. 2002 , 37, 1089-1099		10
1312	Randomized Sorting in O(nloglogn) Time and Linear Space Using Addition, Shift, and Bit-wise Boolean Operations. 2002 , 42, 205-230		28
1311	Optimal Bounds for the Predecessor Problem and Related Problems. <i>Journal of Computer and System Sciences</i> , 2002 , 65, 38-72	1	98
1310	On the state of strength-three covering arrays. 2002 , 10, 217-238		92
1309	. 2003 , 36, 329-358		12
1308	Decorrelation: A Theory for Block Cipher Security. 2003 , 16, 249-286		106
1307	Optimal proof systems imply complete sets for promise classes. 2003 , 184, 71-92		38
1306	Secret-key agreement over unauthenticated public channels .II. Privacy amplification. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 839-851	2.8	90
1305	Secret-key agreement over unauthenticated public channels .I. Definitions and a completeness result. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 822-831	2.8	98

1304	Linear authentication codes: bounds and constructions. <i>IEEE Transactions on Information Theory</i> , 2.8	60
1303	Non-cryptographic primitive for pseudorandom permutation. 2003 , 306, 139-154	
1302	A derandomization using min-wise independent permutations. 2003 , 1, 11-20	4
1301	Chord: a scalable peer-to-peer lookup protocol for Internet applications. 2003 , 11, 17-32	1501
1300	Uniform hashing in constant time and linear space. 2003,	24
1299	Tight lower bounds for the distinct elements problem.	20
1298	A Formally Verified Decentralized Key Management Architecture for Wireless Sensor Networks. 2003 , 27-39	16
1297	Dial-controlled hash: reducing path oscillation in multipath networks.	1
1296	What's hot and what's not. 2003 ,	108
1295	Almost random graphs with simple hash functions. 2003,	19
		-)
1294	Compact routing with name independence. 2003,	17
1294 1293	Compact routing with name independence. 2003, Time-space tradeoff lower bounds for integer multiplication and graphs of arithmetic functions. 2003,	
21	Time-space tradeoff lower bounds for integer multiplication and graphs of arithmetic functions.	17
1293	Time-space tradeoff lower bounds for integer multiplication and graphs of arithmetic functions. 2003,	17 9
1293 1292 1291	Time-space tradeoff lower bounds for integer multiplication and graphs of arithmetic functions. 2003, Magic Functions. 2003, 50, 852-921	17 9 72
1293 1292 1291	Time-space tradeoff lower bounds for integer multiplication and graphs of arithmetic functions. 2003, Magic Functions. 2003, 50, 852-921 How to Re-use Round Function in Super-Pseudorandom Permutation. 2004, 224-235	17 9 72 2
1293 1292 1291 1290	Time-space tradeoff lower bounds for integer multiplication and graphs of arithmetic functions. 2003, Magic Functions. 2003, 50, 852-921 How to Re-use Round Function in Super-Pseudorandom Permutation. 2004, 224-235 The faithfulness of abstract protocol analysis: Message authentication*. 2004, 12, 865-891 Divide-and-concatenate: an architecture level optimization technique for universal hash functions. 2004,	17 9 72 2 6

1286	Selected Areas in Cryptography. 2004 ,		3
1285	Universal hash functions over GF(2/sup n/).		2
1284	Compact name-independent routing with minimum stretch. 2004,		30
1283	Reconciliation of a quantum-distributed Gaussian key. <i>IEEE Transactions on Information Theory</i> , 2004 , 50, 394-400	3	97
1282	Increasing Internet Capacity Using Local Search. 2004 , 29, 13-48		124
1281	The effect of side-information on smooth entropy. 2004 , 136, 151-157		
1280	Cuckoo hashing. 2004 , 51, 122-144		495
1279	Approximate caches for packet classification.		66
1278	Information Security and Privacy. 2004 ,		3
1277	On the Use of GF-Inversion as a Cryptographic Primitive. 2004 , 234-247		7
1276	On Universal Classes of Extremely Random Constant-Time Hash Functions. <i>SIAM Journal on Computing</i> , 2004 , 33, 505-543	Ĺ	56
1275	Data stream algorithms for scalable bandwidth management. 2004 ,		
1274	On the Impossibility of Highly-Efficient Blockcipher-Based Hash Functions. 2005 , 526-541		52
1273	A robust system for accurate real-time summaries of internet traffic. 2005 , 33, 85-96		7
1272	Fast hash table lookup using extended bloom filter. 2005 , 35, 181-192		102
1271	Bounds on the OBDD-size of integer multiplication via universal hashing. <i>Journal of Computer and System Sciences</i> , 2005 , 71, 520-534		14
1270	On the maximum admissible error and key compression degree in quantum cryptography on two nonorthogonal states. 2005 , 81, 599-604		
1269	Practical error-correction procedures in quantum cryptography. <i>Journal of Experimental and Theoretical Physics</i> , 2005 , 101, 230-252		5

2.6

278

On the privacy-preserving cascade method for correcting errors in primary keys in quantum 1268 cryptography. 2005, 82, 768-772 1267 On the power of quantum memory. *IEEE Transactions on Information Theory*, **2005**, 51, 2391-2401 2.8 42 1266 CBC MACs for Arbitrary-Length Messages: The Three-Key Constructions. 2005, 18, 111-131 34 1265 Efficient reliable communication over partially authenticated networks. 2005, 18, 1-19 1264 Progress in Computational Complexity Theory. 2005, 20, 735-750 1 MRD Hashing. 2005, 37, 229-242 1262 Badger 🖟 Fast and Provably Secure MAC. 2005, 176-191 17 1261 Bibliography. 2005, 504-509 1260 A Practical and Secure Communication Protocol in the Bounded Storage Model. 2005, 707-717 2 Efficient packet classification with digest caches. 2005, 33-54 1258 Segmented hash. 2005, 32 Name independent routing for growth bounded networks. 2005, 20 A NOVEL PROTOCOL-AUTHENTICATION ALGORITHM RULING OUT A MAN-IN-THE MIDDLE ATTACK 1256 11 IN QUANTUM CRYPTOGRAPHY. 2005, 03, 225-231 New approaches for deniable authentication. 2005, 24 Power optimization for universal hash function data path using divide-and-concatenate technique. 1254 A robust system for accurate real-time summaries of internet traffic. 2005, 25 Fast hash table lookup using extended bloom filter. 2005, 102

Information-theoretic security proof for quantum-key-distribution protocols. Physical Review A,

2005, 72,

1251

(2006-2005)

1250 An Efficient Equi-semi-join Algorithm for Distributed Architectures. 2005 , 755-763	7
1249 Approximate distance oracles. 2005 , 52, 1-24	308
1248 What's hot and what's not: tracking most frequent items dynamically. 2005 , 30, 249-278	155
1247 Energy scalable universal hashing. 2005 , 54, 1484-1495	32
1246 . 2005 , 24, 1740-1747	
1245 Information Security and Cryptology. 2005 ,	4
1244 External double hashing with choice.	О
1243 Range-efficient computation of F/sub 0/ over massive data streams.	11
1242 On constructing parallel pseudorandom generators from one-way functions.	18
1241 Universally Composable Privacy Amplification Against Quantum Adversaries. 2005 , 407-425	119
1240 A Variant of Poly1305 MAC and Its Security Proof. 2005 , 375-380	1
1240 A Variant of Poly1305 MAC and Its Security Proof. 2005 , 375-380 1239 Design and Analysis of Randomized Algorithms. 2005 ,	1 27
1239 Design and Analysis of Randomized Algorithms. 2005 ,	27
Design and Analysis of Randomized Algorithms. 2005, 1238 Complexity Theory and Cryptology. 2005,	3
Design and Analysis of Randomized Algorithms. 2005, Complexity Theory and Cryptology. 2005, Cryptography and Coding. 2005,	27 3 2
Design and Analysis of Randomized Algorithms. 2005, Complexity Theory and Cryptology. 2005, Cryptography and Coding. 2005, New Proofs for NMAC and HMAC: Security Without Collision-Resistance. 2006, 602-619	27 3 2

1232 Topics in Cryptology ICT-RSA 2007. **2006**,

1231	Information Security and Cryptology. 2006 ,	O
1230	Virtually Pipelined Network Memory. 2006 ,	3
1229	An Efficient One-key Carter-Wegman Message Authentication Code. 2006,	1
1228	Parallel repetition of zero-knowledge proofs and the possibility of basing cryptography on NP-hardness.	8
1227	FUNCTION FIELDS OVER FINITE FIELDS AND THEIR APPLICATIONS TO CRYPTOGRAPHY. 2006 , 59-104	2
1226	Low-power bloom filter architecture for deep packet inspection. 2006 , 10, 210-212	33
1225	Reversible Sketch Based on the XOR-Based Hashing. 2006 ,	2
1224	Compact Routing with Name Independence. 2006 , 20, 705-726	6
1223	Time-Space Lower Bounds for the Polynomial-Time Hierarchy on Randomized Machines. <i>SIAM Journal on Computing</i> , 2006 , 36, 563-594	12
1222	A High-Speed Hardware Architecture for Universal Message Authentication Code. 2006 , 24, 1831-1839	7
1221	Detection of Super Sources and Destinations in High-Speed Networks: Algorithms, Analysis and Evaluation. 2006 , 24, 1840-1852	32
1220	An energy-efficient and access latency optimized indexing scheme for wireless data broadcast. 2006 , 18, 1111-1124	38
1219	A low power lookup technique for multi-hashing network applications.	5
1218	Robust Fuzzy Extractors and Authenticated Key Agreement from Close Secrets. 2006 , 232-250	72
1217	Bibliography. 249-258	
1216	Hash chains with diminishing ranges for sensors. 2006 , 4, 31	4
1215	EMMA: an efficient massive mapping algorithm using improved approximate mapping filtering. 2006 , 38, 857-64	

1214 Variationally universal hashing. 2006 , 100, 36-39		2
Error-bounded probabilistic computations between MA and AM. <i>Journal of Computer and System Sciences</i> , 2006 , 72, 1043-1076	1	12
A construction method for optimally universal hash families and its consequences for the existence of RBIBDs. 2006 , 363, 76-84		
Some conservative estimates in quantum cryptography. <i>Journal of Experimental and Theoretical</i> Physics, 2006 , 103, 198-205	1	
Parity graph-driven read-once branching programs and an exponential lower bound for integer multiplication. 2006 , 362, 86-99		9
1209 Secret sharing schemes with partial broadcast channels. 2006 , 41, 5-22		5
1208 Quantum cryptography beyond key exchange. 2006 , 21, 39-54		3
1207 Time-Space Tradeoff in Derandomizing Probabilistic Logspace. 2006 , 39, 189-208		4
1206 Energy-Efficient Pipelined Bloom Filters for Network Intrusion Detection. 2006,		4
1205 Fast and robust TCP session lookup by digest hash. 2006 ,		2
1204 High-throughput sketch update on a low-power stream processor. 2006 ,		8
1203 On space-stretch trade-offs. 2006 ,		12
1202 A Classical Introduction to Cryptography. 2006 ,		1
A XOR-Based Hierarchical Sketch for Identifying and Estimating Hierarchical Frequent Items Online. 2006 ,		
1200 Efficient Protocols Achieving the Commitment Capacity of Noisy Correlations. 2006 ,		11
1199 Derandomization of probabilistic auxiliary pushdown automata classes.		O
1198 Finding Hierarchical Frequent Items in Data Streams. 2006 ,		
1197 Applied Cryptography and Network Security. 2006 ,		1

1196 A New Interactive Hashing Theorem. 2007 ,		12
1195 On the Extreme Parallelism Inside Next-Generation Network Processors. 2007 ,		5
1194 Strong-diameter decompositions of minor free graphs. 2007 ,		7
1193 Cryptographic Hardware and Embedded Systems - CHES 2007. 2007 ,		8
1192 Pseudo-random number generation for sketch-based estimations. 2007 , 32, 11		11
1191 Time-decaying sketches for sensor data aggregation. 2007 ,		12
1190 Modeling service discovery in ad-hoc networks. 2007 ,		2
1189 Robust key generation from signal envelopes in wireless networks. 2007 ,		129
1188 Combinatorial characterizations of authentication codes in verification oracle model. 2007,		1
$_{f 1187}$ Modeling cryptographic properties of voice and voice-based entity authentication. 2007 ,		4
1186 Linear probing with constant independence. 2007,		10
Upper bounds of eavesdropper performances in finite-length code with the decoy method. <i>Physical Review A</i> , 2007 , 76,	2.6	87
1184 Simple and Adaptive Identification of Superspreaders by Flow Sampling. 2007 ,		19
1183 Design Strategies for Minimal Perfect Hash Functions. 2007 , 2-17		7
1182 FPGA Intrinsic PUFs and Their Use for IP Protection. 2007 , 63-80		446
1181 Privacy amplification for quantum key distribution. 2007 , 40, F99-F104		9
1180 Norm, Point, and Distance Estimation Over Multiple Signals Using Max-Stable Distributions. 2	2007,	2
1179 Quantum technology and cryptology for information security. 2007 ,		

1178	Power Optimization for Universal Hash Function Data Path Using Divide-and-Concatenate Technique. 2007 , 26, 1763-1769	
1177	Range-Efficient Counting of Distinct Elements in a Massive Data Stream. <i>SIAM Journal on Computing</i> , 2007 , 37, 359-379	14
1176	A Probabilistic Study on Combinatorial Expanders and Hashing. <i>SIAM Journal on Computing</i> , 2007 , 37, 83-111	3
1175	Introduction to Cryptography. 2007,	66
1174	A Single Key MAC Based on Hash127. 2007 ,	
1173	Applying Cuckoo Hashing for FPGA-based Pattern Matching in NIDS/NIPS. 2007,	12
1172	Combining static and dynamic defect-tolerance techniques for nanoscale memory systems. 2007,	2
1171	Physical Unclonable Functions and Public-Key Crypto for FPGA IP Protection. 2007,	130
1170	A Scalable Bloom Filter for Membership Queries. 2007,	11
1169	An Efficient Policy-based Packet Scheduler With Flow Cache. 2007,	1
1168	Secure and Authenticated Communication in Chip-Level Microcomputer Bus Systems with Tree Parity Machines. 2007 ,	8
1167	On Scalable Attack Detection in the Network. 2007 , 15, 14-25	37
1166	An introduction to modern cryptology. 2007 , 565-592	
1165	Key management for content access control in a hierarchy. 2007 , 51, 3197-3219	36
1164	A note on local randomness in polynomial random number and random function generators. 2007 , 186, 1360-1366	
1163	Efficient implementation of Ahotorasick pattern matching automata using Unicode. 2007, 37, 669-690	5
1162	Entanglement-based quantum communication over 144 km. 2007 , 3, 481-486	651
1161	Source Coding Using Families of Universal Hash Functions. <i>IEEE Transactions on Information Theory</i> , 2.8 2007, 53, 3226-3233	5

1160	On Defining Partition Entropy by Inequalities. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 3233-3	323 9	6
1159	Public classical communication in quantum cryptography: Error correction, integrity, and authentication. <i>Journal of Experimental and Theoretical Physics</i> , 2007 , 104, 675-688	1	
1158	Biosequence Similarity Search on the Mercury System. 2007 , 49, 101-121		21
1157	In search of mathematical primitives for deriving universal projective hash families. 2008 , 19, 161-173		1
1156	Approximate colored range and point enclosure queries. 2008 , 6, 420-432		7
1155	Secure communication in microcomputer bus systems for embedded devices. <i>Journal of Systems Architecture</i> , 2008 , 54, 1065-1076	5.5	11
1154	Cryptographic robustness of practical quantum cryptography: BB84 key distribution protocol. <i>Journal of Experimental and Theoretical Physics</i> , 2008 , 107, 28-48	1	3
1153	Is there a fundamental limit on the key distribution distance in quantum cryptography?. 2008, 88, 693-6	97	3
1152	Security Aspects of the Authentication Used in Quantum Cryptography. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 1735-1741	2.8	29
1151	The Commitment Capacity of the Gaussian Channel Is Infinite. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 2785-2789	2.8	14
1150	On the Oblivious-Transfer Capacity of Noisy Resources. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 2572-2581	2.8	38
1149	Wireless Information-Theoretic Security. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 2515-2534	2.8	1157
1148	Authenticating ad hoc networks by comparison of short digests. 2008, 206, 250-271		25
1147	Algorithms and Data Structures. 2008,		11
1146	Entangled quantum key distribution over two free-space optical links. 2008, 16, 16840-53		58
1145	Uniform Hashing in Constant Time and Optimal Space. SIAM Journal on Computing, 2008, 38, 85-96	1.1	47
1144	Fuzzy Extractors: How to Generate Strong Keys from Biometrics and Other Noisy Data. <i>SIAM Journal on Computing</i> , 2008 , 38, 97-139	1.1	905
1143	SECURITY OF QUANTUM KEY DISTRIBUTION. 2008 , 06, 1-127		237

1142 An Inter-Classes Obfuscation Method for Java Program. 2008,

1141 A practical scheme for string commitment based on the Gaussian channel. 2008 ,		2
1140 . 2008,		31
1139 Extracting classical randomness in a quantum world. 2008 ,		1
Complexity Attack Resistant Flow Lookup Schemes for IPv6: A Measurement Based Comparison. 2008 ,		
Hash property and Wyner-Ziv source coding by using sparse matrices and maximum-likelihood coding. 2008 ,		Ο
1136 Biometric Template Security. 2008 , 2008, 579416		560
1135 Cryptography with constant computational overhead. 2008,		83
1134 BackSpace: Formal Analysis for Post-Silicon Debug. 2008 ,		40
1133 SAMPLING IN DYNAMIC DATA STREAMS AND APPLICATIONS. 2008 , 18, 3-28		18
Robust resource allocation for online network monitoring. 2008 ,		
1131 Cryptographic Hardware and Embedded Systems ICHES 2008. 2008 ,		5
1130 Uniform deterministic dictionaries. 2008 , 4, 1-23		6
1129 Compact dictionaries for variable-length keys and data with applications. 2008 , 4, 1-25		10
A dictionary implementation based on dynamic perfect hashing. <i>Journal of Experimental Algorithmics</i> , 2008 , 12, 1-25	1.1	0
1127 Handling data skew in parallel joins in shared-nothing systems. 2008,		53
1126 Hashed samples. 2008 , 1, 201-212		33
1125 Embedding and similarity search for point sets under translation. 2008,		

1124 Security and Cryptography for Networks. 2008,

Distributed sampling for on-line SLA assessment. 2008 ,		5
1122 . 2008 , 16, 705-717		78
1121 Brand and IP protection with physical unclonable functions. 2008 ,		42
1120 Extracting Worm-Infected Hosts Using White List. 2008,		2
1119 Quantum Merkle Puzzles. 2008,		13
Tomography increases key rates of quantum-key-distribution protocols. <i>Physical Review A</i> , 2008 , 78,	2.6	33
Physical underpinnings of privacy. <i>Physical Review A</i> , 2008 , 78,	2.6	38
1116 Secret key agreement by reliability information of signals in Gaussian Maurer Model. 2008,		2
1115 Cryptography from noisy storage. 2008 , 100, 220502		83
1114 Bibliography. 566-571		
1113 Bibliography. 549-574		
Spillover reduction for linear distributed-parameter systems using dynamic extensions. 2009 ,		
1111 Entanglement enhances security in quantum communication. <i>Physical Review A</i> , 2009 , 80,	2.6	23
1110 Efficient oblivious transfer from algebraic signaling over the Gaussian channel. 2009,		3
1109 Physical Unclonable Functions and Their Applications to Vehicle System Security. 2009 ,		6
Optimal ratio between phase basis and bit basis in quantum key distributions. <i>Physical Review A</i> , 2009 , 79,	2.6	3
Random number generation from multipath propagation: MIMO-based encryption key establishment. 2009 ,		3

(2009-2009)

1106 Multichannel Protocols for User-Friendly and Scalable Initialization of Sensor Networks. 2009 , 228-247	4
1105 Secrecy Extraction from Increased Randomness in a Time-Variant MIMO Channel. 2009 ,	4
On secret key agreement from the additive white Gaussian noise channel. 2009 ,	1
1103 Explicit construction of a small epsilon-net for linear threshold functions. 2009,	7
1102 Divide and discriminate. 2009,	7
1101 Entangled quantum key distribution with a biased basis choice. 2009 , 11, 045025	15
1100 K-Stage Pipelined Bloom Filter for Packet Classification. 2009,	7
1099 Distributed authentication for randomly compromised networks. 2009 , 11, 085005	
1098 Type-based categorization of relational attributes. 2009 ,	9
1097 Dynamic external hashing. 2009,	2
1096 Locating XML Documents in a Peer-to-Peer Network Using Distributed Hash Tables. 2009 , 21, 1737-1752	17
Locating XML Documents in a Peer-to-Peer Network Using Distributed Hash Tables. 2009, 21, 1737-1752 RESPONSE TO "VULNERABILITY OF 'A NOVEL PROTOCOL-AUTHENTICATION ALGORITHM RULING OUT A MAN-IN-THE-MIDDLE ATTACK IN QUANTUM CRYPTOGRAPHY". 2009, 07, 1401-1407	17 5
RESPONSE TO "VULNERABILITY OF 'A NOVEL PROTOCOL-AUTHENTICATION ALGORITHM RULING	·
RESPONSE TO "VULNERABILITY OF 'A NOVEL PROTOCOL-AUTHENTICATION ALGORITHM RULING OUT A MAN-IN-THE-MIDDLE ATTACK IN QUANTUM CRYPTOGRAPHY". 2009 , 07, 1401-1407	5
RESPONSE TO "VULNERABILITY OF 'A NOVEL PROTOCOL-AUTHENTICATION ALGORITHM RULING OUT A MAN-IN-THE-MIDDLE ATTACK IN QUANTUM CRYPTOGRAPHY". 2009, 07, 1401-1407 Approximate counting by hashing in bounded arithmetic. 2009, 74, 829-860	5 13
RESPONSE TO "VULNERABILITY OF 'A NOVEL PROTOCOL-AUTHENTICATION ALGORITHM RULING OUT A MAN-IN-THE-MIDDLE ATTACK IN QUANTUM CRYPTOGRAPHY". 2009, 07, 1401-1407 Approximate counting by hashing in bounded arithmetic. 2009, 74, 829-860 Hierarchical Sampling from Sketches: Estimating Functions over Data Streams. 2009, 53, 549-582 Anti-counterfeiting, key distribution, and key storage in an ambient world via physical unclonable	5 13 4
RESPONSE TO "VULNERABILITY OF 'A NOVEL PROTOCOL-AUTHENTICATION ALGORITHM RULING OUT A MAN-IN-THE-MIDDLE ATTACK IN QUANTUM CRYPTOGRAPHY". 2009, 07, 1401-1407 Approximate counting by hashing in bounded arithmetic. 2009, 74, 829-860 Hierarchical Sampling from Sketches: Estimating Functions over Data Streams. 2009, 53, 549-582 Anti-counterfeiting, key distribution, and key storage in an ambient world via physical unclonable functions. 2009, 11, 19-41	5 13 4 47

1088	Dispersing hash functions. <i>Random Structures and Algorithms</i> , 2009 , 35, 70-82	0.8	O
1087	Quantum key distribution in a single-photon regime with nonorthogonal basis states. 2009 , 89, 370-376		1
1086	On one asymptotic property of time-shift quantum cryptography. 2009 , 90, 548-554		
1085	Indirect Branch Validation Unit. 2009 , 33, 461-468		1
1084	Universal hash functions for an infinite universe and hash trees. 2009 , 109, 461-462		
1083	The security of practical quantum key distribution. Reviews of Modern Physics, 2009, 81, 1301-1350	40.5	1763
1082	Security of a two-parameter quantum cryptography system using time-shifted states against photon-number splitting attacks. <i>Journal of Experimental and Theoretical Physics</i> , 2009 , 109, 557-584	1	7
1081	SSL/TLS with Quantum Cryptography. 2009 ,		2
1080	On the use of hash tables in real-time applications. 2009 ,		1
1079	Continuous high speed coherent one-way quantum key distribution. 2009 , 17, 13326-34		38
1078	High rate, long-distance quantum key distribution over 250 km of ultra low loss fibres. 2009 , 11, 075003	3	186
1077	Identity and Privacy in the Internet Age. 2009 ,		1
1076	Aggregated Authentication (AMAC) Using Universal Hash Functions. 2009, 248-264		2
1075	Information Theoretic Security. 2009 ,		
1074	Ensuring data storage security in Cloud Computing. 2009,		216
1073	Fast Software Encryption. 2009 ,		1
1072	High-Bandwidth Network Memory System Through Virtual Pipelines. 2009 , 17, 1029-1041		7
1071	Construction of wiretap channel codes by using sparse matrices. 2009,		2

1070 Improving Signatures by Locality Exploitation for Transactional Memory. 2009 ,	17
1069 A Fuzzy Extractor Based on Smooth Entropy. 2009 ,	
1068 Choosing Best Hashing Strategies and Hash Functions. 2009 ,	12
1067 A New Characterization of ACC^0 and Probabilistic CC^0. 2009 ,	2
1066 Fuzzy matching of objects using fuzzy commitment. 2009 ,	
1065 Coding theorem for general stationary memoryless channel based on hash property. 2009 ,	
1064 Opportunities and Limits of Remote Timing Attacks. 2009 , 12, 1-29	102
An efficient parallel algorithm for evaluating join queries on heterogeneous distributed systems. 2009 ,	4
1062 A New Data Streaming Method for Locating Hosts with Large Connection Degree. 2009 ,	9
1061 Power-Up SRAM State as an Identifying Fingerprint and Source of True Random Numbers. 2009 , 58, 1198	-1210 490
1060 Transparent code authentication at the processor level. 2009 , 3, 354	1
1059 Linear Probing with Constant Independence. SIAM Journal on Computing, 2009 , 39, 1107-1120	1.1 17
1058 Some Open Questions Related to Cuckoo Hashing. 2009 , 1-10	13
1057 Secret Communication over Fading Channels. 2009 , 281-309	
1056 Searching. 2009 , 1-16	1
0 1 1 1 1 1	
1055 Quantum Information Theory and Its Difficulty. 2009 , 3, 44-56	
1055 Quantum Information Theory and its Difficulty. 2009 , 3, 44-56 1054 PAMELA: Pattern Matching Engine with Limited-Time Update for NIDS/NIPS. 2009 , E92-D, 1049-1061	3

Secret Key Agreement from Correlated Gaussian Sources by Rate Limited Public Communication. 2010 , E93-A, 1976-1983		23
On the passive probing of fiber optic quantum communication channels. <i>Journal of Experimental</i> and Theoretical Physics, 2010 , 110, 561-567	1	3
1050 Quantum key distribution and 1 Gbps data encryption over a single fibre. 2010 , 12, 063027		131
1049 Cryptographic hash functions. 2010 , 5, 431-448		43
1048 Algorithmische Grundlagen verteilter Speichersysteme. 2010 , 33, 468-474		
1047 A New Characterization of ACC0 and Probabilistic CC0. 2010 , 19, 211-234		9
1046 Are PCPs Inherent in Efficient Arguments?. 2010 , 19, 265-304		11
An Improved Version of Cuckoo Hashing: Average Case Analysis of Construction Cost and Search Operations. 2010 , 3, 47-60		4
1044 Information-Theoretically Secret Key Generation for Fading Wireless Channels. 2010 , 5, 240-254		242
Hash property and coding theorems for sparse matrices and maximum-likelihood coding. <i>IEEE</i> Transactions on Information Theory, 2010 , 56, 2143-2167	2.8	20
Hash Property and Fixed-Rate Universal Coding Theorems. <i>IEEE Transactions on Information Theory</i> 2010 , 56, 2688-2698	, _{2.8}	7
1041 Minutiae and modified Biocode fusion for fingerprint-based key generation. 2010 , 33, 221-235		20
1040 Bounds on the efficiency of black-box commitment schemes. 2010 , 411, 1251-1260		1
1039 Recursive n-gram hashing is pairwise independent, at best. 2010 , 24, 698-710		15
Enhancement of the robustness of phase-time quantum cryptography by block error correction. 2010 , 92, 490-495		
1037 References. 2010 , 271-278		
1036 Interactive low-complexity codes for synchronization from deletions and insertions. 2010 ,		16

	Construction of wiretap codes from ordinary channel codes. 2010 ,		25
1033	Leftover Hashing against quantum side information. 2010 ,		10
1032	Distributed monitoring of conditional entropy for anomaly detection in streams. 2010,		10
1031	Simple protocols for oblivious transfer and secure identification in the noisy-quantum-storage model. <i>Physical Review A</i> , 2010 , 82,	2.6	15
1030	Practical issues in quantum-key-distribution postprocessing. <i>Physical Review A</i> , 2010 , 81,	2.6	112
1029	Energy Friendly Integrity for Network Coding in Wireless Sensor Networks. 2010,		8
1028	Fast Message Authentication Code for Multiple Messages with Provable Security. 2010,		1
1027	Polar coding for secure transmission and key agreement. 2010 ,		33
1026	Secure Wireless Communication with Dynamic Secrets. 2010,		30
1025	Semi-join computation on distributed file systems using map-reduce-merge model. 2010 ,		5
1024	A new TCB cache to efficiently manage TCP sessions for web servers. 2010 ,		7
·	A new TCB cache to efficiently manage TCP sessions for web servers. 2010 , Cache-oblivious hashing. 2010 ,		7
·	Cache-oblivious hashing. 2010,		7 4 5
1023	Cache-oblivious hashing. 2010 , Broadband Quantum Cryptography. 2010 , 2, 1-97		4
1023	Cache-oblivious hashing. 2010, Broadband Quantum Cryptography. 2010, 2, 1-97 Ensuring data storage security in cloud computing using Sobol Sequence. 2010,		5
1023 1022 1021 1020	Cache-oblivious hashing. 2010, Broadband Quantum Cryptography. 2010, 2, 1-97 Ensuring data storage security in cloud computing using Sobol Sequence. 2010,		4 5 11
1023 1022 1021 1020	Cache-oblivious hashing. 2010, Broadband Quantum Cryptography. 2010, 2, 1-97 Ensuring data storage security in cloud computing using Sobol Sequence. 2010, Quantum Readout of Physical Unclonable Functions. 2010, 369-386		4 5 11 8

1016	A new IP lookup cache for high performance IP routers. 2010 ,	10
1015	Algorithms for Next Generation Networks. 2010,	5
1014	Packet sampling for worm and botnet detection in TCP connections. 2010 ,	8
1013	Information Security and Cryptology. 2010 ,	
1012	Differential template attacks on PUF enabled cryptographic devices. 2010,	51
1011	Time-decaying Sketches for Robust Aggregation of Sensor Data. <i>SIAM Journal on Computing</i> , 2010 , 39, 1309-1339	11
1010	Analysis of switching properties of different high voltage IGBTs operating under hard-switching conditions. 2010 ,	
1009	. 2010 , 18, 81-94	2
1008	Decoding of the (47, 24, 11) Quadratic Residue Code with Hash Table. 2010 ,	
1007	Explicit Construction of a Small \$epsilon\$-Net for Linear Threshold Functions. <i>SIAM Journal on Computing</i> , 2010 , 39, 3501-3520	16
1006	Construction of broadcast channel code based on hash property. 2010 ,	3
1005	Misusing universal hash functions: security analysis of a hardware efficient stream cipher model using LFSR based hash function. 2010 ,	3
1004	A Covert Timing Channel via Algorithmic Complexity Attacks: Design and Analysis. 2011,	2
1003	Secure Multiplex Network Coding. 2011 ,	18
1002	Secret Key Establishment Using Temporally and Spatially Correlated Wireless Channel Coefficients. 2011 , 10, 205-215	105
1001	Unified Signatures for Improving Performance in Transactional Memory. 2011 ,	6
1000	Balls and Bins: Smaller Hash Families and Faster Evaluation. 2011 ,	6
999	Linear Probing with 5-wise Independence. 2011 , 53, 547-558	8

998	A Data Streaming Method for Monitoring Host Connection Degrees of High-Speed Links. 2011 , 6, 1086-1098	23
997	. 2011 , 19, 788-801	6
996	Non-crypto Hardware Hash Functions for High Performance Networking ASICs. 2011,	13
995	SWHash: An Efficient Data Integrity Verification Scheme Appropriate for USB Flash Disk. 2011,	
994	Synopses for Massive Data: Samples, Histograms, Wavelets, Sketches. 2011 , 4, 1-294	191
993	A Formalization of the Security Features of Physical Functions. 2011 ,	96
992	Secure device-independent quantum key distribution with causally independent measurement devices. 2011 , 2, 238	210
991	Information Theoretic Security. 2011 ,	1
990	Computability and Complexity Theory. 2011 ,	18
989	A Three Dimensional Sharp Interface Cartesian Grid Method For Solving High Speed Multi-Material Impact Problems 2011 ,	
988	Cancelable biometric template generation and protection schemes: A review. 2011,	8
987	Fine-Grained DDoS Detection Scheme Based on Bidirectional Count Sketch. 2011 ,	8
986	On the Power of the Randomized Iterate. <i>SIAM Journal on Computing</i> , 2011 , 40, 1486-1528	14
985	Encyclopedia of Cryptography and Security. 2011 , 929-934	1
984	References. 311-322	
983	Random Walks and Rapid Mixing. 2011 , 563-650	Ο
982	Hardware acceleration of transactional memory on commodity systems. 2011 , 39, 27-38	0
981	Bit Commitment From Nonsignaling Correlations. <i>IEEE Transactions on Information Theory</i> , 2011 , 2.8	1

980	Exponential Decreasing Rate of Leaked Information in Universal Random Privacy Amplification. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 3989-4001	2.8	207
979	Leftover Hashing Against Quantum Side Information. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 5524-5535	2.8	152
978	Achieving Oblivious Transfer Capacity of Generalized Erasure Channels in the Malicious Model. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 5566-5571	2.8	16
977	Sharp lower bounds on the extractable randomness from non-uniform sources. 2011 , 209, 1184-1196		7
976	Leftover Hash Lemma, Revisited. 2011 , 1-20		47
975	Quantum key distribution with a reference quantum state. <i>Journal of Experimental and Theoretical Physics</i> , 2011 , 113, 743-754	1	1
974	Computation using noise-based logic: efficient string verification over a slow communication channel. 2011 , 79, 85-90		10
973	A trade-off between collision probability and key size in universal hashing using polynomials. 2011 , 58, 271-278		6
972	One-Way Protocol for Two-Bit Intrinsic Random Key Distribution with Entangled Photon Pairs. 2011 , 50, 663-670		1
971	Energy-Efficient Paths in Radio Networks. 2011 , 61, 298-319		1
970	Universally composable and customizable post-processing for practical quantum key distribution. 2011 , 30, 172-177		27
969	Deterministic extractors for small-space sources. <i>Journal of Computer and System Sciences</i> , 2011 , 77, 191-220	1	22
968	ON "THE POWER OF VERIFICATION QUERIES" IN UNCONDITIONALLY SECURE MESSAGE AUTHENTICATION. 2011 , 03, 287-303		
96 7	FUZZY UNIVERSAL HASHING AND APPROXIMATE AUTHENTICATION. 2011 , 03, 587-607		3
966	Hardware acceleration of transactional memory on commodity systems. 2011,		10
965	Parallel evaluation of conjunctive queries. 2011,		56
964	Understanding bloom filter intersection for lazy address-set disambiguation. 2011,		4
963	Application-specific signatures for transactional memory in soft processors. 2011 , 4, 1-14		

962	FPGA Implementation of Secure Time Shared Hash Stream Cipher. 2011,		1
961	Quantum key distribution with finite resources: Secret key rates via RByi entropies. <i>Physical Review A</i> , 2011 , 84,	6	10
960	Construction of multiple access channel codes based on hash property. 2011 ,		1
959	Signal Sets for Secret Key Agreement With Public Discussion Based on Gaussian and Fading Channels. 2011 , 6, 523-531		4
958	Secure multiplex coding with a common message. 2011,		5
957	Accelerating sketch-based network flow processing using Graphics Processing Unit. 2011,		
956	Universally attainable error and information exponents, and equivocation rate for the broadcast channels with confidential messages. 2011 ,		5
955	Construction of strongly secure wiretap channel code based on hash property. 2011 ,		9
954	Long-term performance of the SwissQuantum quantum key distribution network in a field environment. 2011 , 13, 123001		168
953	Multiset signatures for transactional memory. 2011,		6
952	Hardware acceleration of transactional memory on commodity systems. 2011 , 46, 27-38		5
951	Authentication protocols based on low-bandwidth unspoofable channels: A comparative survey. 2011 , 19, 139-201		37
950	Private randomness expansion with untrusted devices. 2011 , 44, 095305		203
949	Compressed matrix multiplication. 2012,		9
948	Field test of classical symmetric encryption with continuous variables quantum key distribution. 2012 , 20, 14030-41		78
947	The Power of Simple Tabulation Hashing. 2012 , 59, 1-50		23
946	Universal Sequencing on an Unreliable Machine. <i>SIAM Journal on Computing</i> , 2012 , 41, 565-586 1.	1	26
945	. 2012,		1

944	Quantum readout of Physical Unclonable Functions. 2012 , 10, 1250001		19
943	Lightweight Integrity for XOR Network Coding in Wireless Sensor Networks. 2012 , 245-258		2
942	QUANTUM KEY EVOLUTION AND ITS APPLICATIONS. 2012 , 10, 1250044		3
941	Thematic Data Index Construction Based on Urban Data. 2012 , 198-199, 596-600		1
940	Two-party key establishment: From passive to active security without introducing new assumptions. 2012 , 4, 1-17		
939	References. 2012 , 420-454		
938	Tabulation-Based 5-Independent Hashing with Applications to Linear Probing and Second Moment Estimation. <i>SIAM Journal on Computing</i> , 2012 , 41, 293-331	1.1	32
937	Precise evaluation of leaked information with universal2 privacy amplification in the presence of quantum attacker. 2012 ,		4
936	Iterative Expansion and Color Coding. 2012 , 8, 1-22		8
935	Uniform random number generation by using sparse matrix. 2012,		4
934	RAIDR: Retention-aware intelligent DRAM refresh. 2012,		44
933	Overcoming weak expectations. 2012 ,		5
932	Privacy amplification theorem for bounded storage eavesdropper. 2012,		О
931	Robust Fuzzy Extractors and Authenticated Key Agreement From Close Secrets. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 6207-6222	2.8	49
930	An OpenCL Implementation of Sketch-Based Network Traffic Change Detection on GPU. 2012,		
929	On the potential of PUF for pseudonym generation in vehicular networks. 2012,		11
928	Expurgation exponent of leaked information in privacy amplification for binary sources. 2012,		
927	Securing home networks using Physically Unclonable Functions. 2012,		1

926	Tight finite-key analysis for quantum cryptography. 2012 , 3, 634	321
925	Tracking millions of flows in high speed networks for application identification. 2012,	1
924	Toward Secure and Dependable Storage Services in Cloud Computing. 2012, 5, 220-232	261
923	Resistance against Iterated Attacks by Decorrelation Revisited. 2012 , 741-757	2
922	Secure Two-Party Computation via Cut-and-Choose Oblivious Transfer. 2012 , 25, 680-722	51
921	Quantum key distribution on composite photons, polarization qutrits. 2012 , 96, 336-341	9
920	On the resistance of relativistic quantum cryptography in open space at finite resources. 2012 , 96, 342-348	5
919	D-Cache: Universal Distance Cache for Metric Access Methods. 2012 , 24, 868-881	18
918	Studying free-space transmission statistics and improving free-space quantum key distribution in the turbulent atmosphere. 2012 , 14, 123018	44
917	Pseudorandomness. 2012 , 7, 1-336	118
917 916	Pseudorandomness. 2012, 7, 1-336 Public key encryption without random oracle made truly practical. 2012, 38, 975-985	118
916	Public key encryption without random oracle made truly practical. 2012 , 38, 975-985	1
916 915	Public key encryption without random oracle made truly practical. 2012, 38, 975-985 SCD: A scalable coherence directory with flexible sharer set encoding. 2012,	1 71
916 915 914	Public key encryption without random oracle made truly practical. 2012, 38, 975-985 SCD: A scalable coherence directory with flexible sharer set encoding. 2012, Near-Linear Unconditionally-Secure Multiparty Computation with a Dishonest Minority. 2012, 663-680	1 71 54
916 915 914 913	Public key encryption without random oracle made truly practical. 2012, 38, 975-985 SCD: A scalable coherence directory with flexible sharer set encoding. 2012, Near-Linear Unconditionally-Secure Multiparty Computation with a Dishonest Minority. 2012, 663-680 Polar Coding for Secure Transmission and Key Agreement. 2012, 7, 1472-1483 Functional verification of signature detection architectures for high speed network applications.	1 71 54 48
916 915 914 913 912	Public key encryption without random oracle made truly practical. 2012, 38, 975-985 SCD: A scalable coherence directory with flexible sharer set encoding. 2012, Near-Linear Unconditionally-Secure Multiparty Computation with a Dishonest Minority. 2012, 663-680 Polar Coding for Secure Transmission and Key Agreement. 2012, 7, 1472-1483 Functional verification of signature detection architectures for high speed network applications. 2012, 9, 395-402	1 71 54 48 7

908	Introduction to Hardware Security and Trust. 2012,	99
907	Fast Software Encryption. 2012 ,	2
906	Construction of Orthogonal Arrays of Index Unity Using Logarithm Tables for Galois Fields. 2012,	2
905	Energy efficient authentication strategies for network coding. 2012 , 24, 1086-1107	1
904	Entanglement of the Antisymmetric State. 2012 , 311, 397-422	33
903	A Statistical Analysis of Probabilistic Counting Algorithms. 2012 , 39, 1-14	8
902	The universality of iterated hashing over variable-length strings. 2012 , 160, 604-617	4
901	Structures and lower bounds for binary covering arrays. 2012 , 312, 2958-2968	7
900	Low-contention data structures. 2012 , 72, 705-715	
899	A new multistage approach to detect subtle DDoS attacks. 2012 , 55, 198-213	41
898	Load-Balancing Multipath Switching System with Flow Slice. 2012 , 61, 350-365	10
897	Construction of Codes for the Wiretap Channel and the Secret Key Agreement From Correlated Source Outputs Based on the Hash Property. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 671-692 ^{2.8}	30
896	One-Shot Classical Data Compression With Quantum Side Information and the Distillation of Common Randomness or Secret Keys. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 1985-1991	37
895	Unconditional Security From Noisy Quantum Storage. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 1962-1984	86
894	Reverse Authentication in Financial Transactions and Identity Management. 2013, 18, 712-727	2
893	Dual Universality of Hash Functions and Its Applications to Quantum Cryptography. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 4700-4717	35
892	Information Security and Privacy. 2013,	
891	Efficient Public Key Cryptosystem Resilient to Key Leakage Chosen Ciphertext Attacks. 2013 , 84-100	25

890	Reflections on the security proofs of Boneh-Franklin identity-based encryption scheme. 2013 , 56, 1385-1401	
889	Vulnerability of Network Mechanisms to Sophisticated DDoS Attacks. 2013 , 62, 1031-1043	18
888	Topics in Cryptology ICT-RSA 2013. 2013 ,	
887	From Oblivious AES to Efficient and Secure Database Join in the Multiparty Setting. 2013 , 84-101	23
886	On the quantum-mechanical bound on the loss of information through side channels in quantum cryptography. 2013 , 97, 604-610	
885	Experimental quantum key distribution with finite-key security analysis for noisy channels. 2013 , 4, 2363	30
884	On the relationships between perfect nonlinear functions and universal hash families. 2013 , 513, 85-95	3
883	Message transmission and key establishment: General equality for weak and strong capacities. 2013 , 18, 83-95	1
882	STRIP. 2013 ,	38
881	A new multi-linear universal hash family. 2013 , 69, 351-367	8
881	A new multi-linear universal hash family. 2013, 69, 351-367 Experimental bit commitment based on quantum communication and special relativity. 2013, 111, 180504	54
880	Experimental bit commitment based on quantum communication and special relativity. 2013 , 111, 180504	54
880 879	Experimental bit commitment based on quantum communication and special relativity. 2013 , 111, 180504 Compressed matrix multiplication. 2013 , 5, 1-17	54 34
880 879 878	Experimental bit commitment based on quantum communication and special relativity. 2013, 111, 180504 Compressed matrix multiplication. 2013, 5, 1-17 Efficient leakage-resilient public key encryption from DDH assumption. 2013, 16, 797-806 Hardware Signature Designs to Deal with Asymmetry in Transactional Data Sets. IEEE Transactions	54 34 23
880 879 878	Experimental bit commitment based on quantum communication and special relativity. 2013, 111, 180504 Compressed matrix multiplication. 2013, 5, 1-17 Efficient leakage-resilient public key encryption from DDH assumption. 2013, 16, 797-806 Hardware Signature Designs to Deal with Asymmetry in Transactional Data Sets. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2013, 24, 506-519	5434239
880 879 878 877	Experimental bit commitment based on quantum communication and special relativity. 2013, 111, 180504 Compressed matrix multiplication. 2013, 5, 1-17 Efficient leakage-resilient public key encryption from DDH assumption. 2013, 16, 797-806 Hardware Signature Designs to Deal with Asymmetry in Transactional Data Sets. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 506-519 3-7 A Map-Reduce Framework for Clustering Metagenomes. 2013,	54342399

872	Exponential secrecy against unbounded adversary using joint encryption and privacy amplification. 2013 ,		
871	An end-to-end exponentially secure secrecy scheme against an unbounded adversary. 2013,		1
870	Efficacious applicability of foolproof security and reliable storage services in cloud computing. 2013 ,		
869	Format-Preserving Fuzzy Query Mechanism. 2013,		1
868	On Obfuscating Set-Membership Predicate Functions. 2013,		
867	Tight Exponential Analysis of Universally Composable Privacy Amplification and Its Applications. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 7728-7746	2.8	42
866	THE PHYSICS OF QUANTUM INFORMATION: COMPLEMENTARITY, UNCERTAINTY, AND ENTANGLEMENT. 2013 , 11, 1330002		3
865	Unique permutation hashing. 2013 , 475, 59-65		1
864	Pseudorandom Generators for Combinatorial Shapes. SIAM Journal on Computing, 2013, 42, 1051-1076	1.1	9
863	Postprocessing for quantum random-number generators: Entropy evaluation and randomness extraction. <i>Physical Review A</i> , 2013 , 87,	2.6	101
862	Balls and Bins: Smaller Hash Families and Faster Evaluation. <i>SIAM Journal on Computing</i> , 2013 , 42, 1030-7	1:050	11
862	Balls and Bins: Smaller Hash Families and Faster Evaluation. <i>SIAM Journal on Computing</i> , 2013 , 42, 1030-7 Practical perfect hashing in nearly optimal space. 2013 , 38, 108-131	1:050	11
		1,050	
861	Practical perfect hashing in nearly optimal space. 2013 , 38, 108-131	1:050	15
861 860	Practical perfect hashing in nearly optimal space. 2013 , 38, 108-131 MISRs for Fast Authentication of Long Messages. 2013 , Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. 2013 , 31, 1687-1700 Improving Utilization of Hardware Signatures in Transactional Memory. <i>IEEE Transactions on</i>	1.0.50	2
860 859	Practical perfect hashing in nearly optimal space. 2013, 38, 108-131 MISRs for Fast Authentication of Long Messages. 2013, Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. 2013, 31, 1687-1700 Improving Utilization of Hardware Signatures in Transactional Memory. IEEE Transactions on		15 2 54
861 860 859 858	Practical perfect hashing in nearly optimal space. 2013, 38, 108-131 MISRs for Fast Authentication of Long Messages. 2013, Practical Physical Layer Security Schemes for MIMO-OFDM Systems Using Precoding Matrix Indices. 2013, 31, 1687-1700 Improving Utilization of Hardware Signatures in Transactional Memory. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2230-2239		15 2 54

854	Network-aware data caching and prefetching for cloud-hosted metadata retrieval. 2013,	3
853	Decoupling with unitary approximate two-designs. 2013 , 15, 053022	25
852	How to Approximate a Set without Knowing Its Size in Advance. 2013,	8
851	Low-density random matrices for secret key extraction. 2013 ,	2
850	File Deduplication with Cloud Storage File System. 2013,	3
849	Efficient interactive algorithms for file synchronization under general edits. 2013,	5
848	Channel code using a constrained Random number generator. 2013,	1
847	Lossy source code using a constrained random number generator. 2013,	1
846	LS-Sig: Locality-Sensitive Signatures for Transactional Memory. 2013 , 62, 322-335	7
845	Information Theoretically Secure Key Agreement and Related Topics. 2013 , 7, 38-50	
844	Security for Network Coding. 2013 , 115-146	
843	Bibliography. 2013 , 453-473	
842	References. 2014 , 458-479	
841	Explicit capacity-achieving coding scheme for the Gaussian wiretap channel. 2014,	19
840	Fast implementation of length-adaptive privacy amplification in quantum key distribution. 2014 , 23, 090310	10
839	A fast and versatile quantum key distribution system with hardware key distillation and wavelength multiplexing. 2014 , 16, 013047	59
838	Quantum Hashing via EUniversal Hashing Constructions and Freivalds Fingerprinting Schemas. 2014 , 42-52	1
837	A trustworthy key generation prototype based on DDR3 PUF for wireless sensor networks. 2014 , 14, 11542-56	10

836	Sparser Johnson-Lindenstrauss Transforms. 2014 , 61, 1-23	82
835	Generating Repudiable, Memorizable, and Privacy Preserving Security Questions Using the Propp Theory of Narrative. 2014 ,	2
834	Balanced allocations and double hashing. 2014,	1
833	Privacy amplification with asymptotically optimal entropy loss. 2014 , 61, 1-28	3
832	Design and Implementation of File Deduplication Framework on HDFS. 2014 , 10, 561340	4
831	Identifying global hot items in distributed dynamic data streams. 2014,	
830	Embedded content aware router implementation using the Blackfin microcomputer. 2014,	
829	Selected Areas in Cryptography SAC 2014. 2014 ,	4
828	An experimental implementation of oblivious transfer in the noisy storage model. 2014 , 5, 3418	31
827	Security of Device-Independent Quantum Key Distribution Protocols. 2014 , 13-22	
826	Variable-length lossy source code using a constrained-random-number generator. 2014,	
825	Strongly Universal String Hashing is Fast. 2014 , 57, 1624-1638	9
824	A Novel End-to-End Authentication Protocol for Satellite Mobile Communication Networks. 2014 , 755-766	
823	Efficient Authentication for Mobile and Pervasive Computing. 2014 , 13, 469-481	19
822	A New Interactive Hashing Theorem. 2014 , 27, 109-138	1
821	Cache-Oblivious Hashing. 2014 , 69, 864-883	1
820	Modes of operations for encryption and authentication using stream ciphers supporting an initialisation vector. 2014 , 6, 189-231	11
819	Lattice-based certificateless public-key encryption in the standard model. 2014 , 13, 315-333	7

818	Explicit and Efficient Hash Families Suffice for Cuckoo Hashing with a Stash. 2014, 70, 428-456		14
817	Direct proof of security of Wegmantarter authentication with partially known key. <i>Quantum Information Processing</i> , 2014 , 13, 2155-2170	1.6	9
816	Networks and Communications (NetCom2013). 2014 ,		O
815	Channel Coding and Lossy Source Coding Using a Generator of Constrained Random Numbers. <i>IEEE Transactions on Information Theory</i> , 2014 , 60, 2667-2686	2.8	15
814	Bloom Filter Based Associative Deletion. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 1986-1998	3.7	8
813	Reverse-reconciliation continuous-variable quantum key distribution based on the uncertainty principle. <i>Physical Review A</i> , 2014 , 90,	2.6	44
812	General formula for secrecy capacity of wiretap channel with noncausal state. 2014,		3
811	KEEP: Fast secret key extraction protocol for D2D communication. 2014 ,		24
810	Using quantum key distribution for cryptographic purposes: A survey. 2014 , 560, 62-81		71
809	Delayed error verification in quantum key distribution. 2014 , 59, 2825-2828		43
808	Large Deviation Analysis for Quantum Security via Smoothing of Rfiyi Entropy of Order 2. <i>IEEE Transactions on Information Theory</i> , 2014 , 60, 6702-6732	2.8	15
807	A New Efficient and Secure POR Scheme Based on Network Coding. 2014 ,		1
806	Communications and Multimedia Security. 2014 ,		2
805	Separation of Reliability and Secrecy in Rate-Limited Secret-Key Generation. <i>IEEE Transactions on Information Theory</i> , 2014 , 60, 4941-4957	2.8	26
804	Fast Software Encryption. 2014 ,		1
803	Secure Device Pairing: A Survey. 2014 , 16, 17-40		30
802	Asymmetric 🛮 + 2[protocol for quantum key distribution with finite resources. <i>Quantum Information Processing</i> , 2014 , 13, 5-20	1.6	2
801	A practical protocol for three-party authenticated quantum key distribution. <i>Quantum Information Processing</i> , 2014 , 13, 2355-2374	1.6	13

800	Construction of a key-dependent message secure symmetric encryption scheme in the ideal cipher model. 2014 , 8, 469-477	
799	Revisiting iterated attacks in the context of decorrelation theory. 2014 , 6, 279-311	1
798	A Two-Stage Methodology Using K-NN and False-Positive Minimizing ELM for Nominal Data Classification. 2014 , 6, 432-445	26
797	The Spammed Code Offset Method. 2014 , 9, 875-884	11
796	Algorithmen und Datenstrukturen. 2014 ,	2
795	Real-time detection of changes in network with OpenFlow based on NetFPGA implementation. 2014 , 38, 431-442	6
794	Handling Data-skew Effects in Join Operations Using MapReduce. <i>Procedia Computer Science</i> , 2014 , 29, 145-158	17
793	The Slepian-Wolf Theorem. 2014 , 7, 227-241	
79 ²	Triangle counting in streamed graphs via small vertex covers. 2014 ,	1
791	Secret Key Agreement for Massive MIMO Systems with Two-Way Training under Pilot Contamination Attack. 2015 ,	5
790	One-hashing bloom filter. 2015 ,	12
7 89	Analog of differentialphase quantum cryptography on coherent states with provable cryptographic security. 2015 , 102, 396-403	
788	. 2015,	
787	Practical Relativistic Bit Commitment. 2015 , 115, 030502	28
786	DLS: a cloud-hosted data caching and prefetching service for distributed metadata access. 2015 , 2, 183	4
7 ⁸ 5	An Elliptic Curve Algorithm for Iris Pattern Recognition. 2015 ,	
784	On the security of fiber optic quantum cryptography systems without the control of the intensity of quasi-single-photon coherent states. 2015 , 101, 579-585	6
783	Error Performance Analysis of Asymmetric Slepian-Wolf Coding for Ordered Random Variables. 2015 , E98.A, 992-999	

(2015-2015)

782	ND-POR: A POR Based on Network Coding and Dispersal Coding. 2015 , E98.D, 1465-1476		2
781	An adaptive algorithm for searching in flow tables of openflow switches. 2015 ,		O
780	An Evaluation of Streaming Algorithms for Distinct Counting Over a Sliding Window. 2015, 2,		1
779	Calculation of key reduction for B92 QKD protocol. 2015 ,		3
778	Remote Data Auditing in Cloud Computing Environments. 2015 , 47, 1-34		77
777	Variable-Length Lossy Source Code Using a Constrained-Random-Number Generator. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 3574-3592	2.8	6
776	Identifying Global Icebergs in Distributed Streams. 2015,		6
775	Hardware implementation of key functionalities of NIPS for high speed network. 2015,		1
774	Distinct element counting in distributed dynamic data streams. 2015,		1
773	Efficiently Summarizing Data Streams over Sliding Windows. 2015 ,		12
772	Traitor Deterring Schemes. 2015 ,		14
771			
771	Hashing for Statistics over K-Partitions. 2015 ,		6
770	Hashing for Statistics over K-Partitions. 2015, Message Authentication Code over a wiretap channel. 2015,		4
770	Message Authentication Code over a wiretap channel. 2015, Boosting distinct random sampling for basic counting on the union of distributed streams. 2015,		
77° 769	Message Authentication Code over a wiretap channel. 2015, Boosting distinct random sampling for basic counting on the union of distributed streams. 2015, 602, 60-79 Implementation of continuous-variable quantum key distribution with composable and		4
77° 769 768	Message Authentication Code over a wiretap channel. 2015, Boosting distinct random sampling for basic counting on the union of distributed streams. 2015, 602, 60-79 Implementation of continuous-variable quantum key distribution with composable and one-sided-device-independent security against coherent attacks. 2015, 6, 8795		97

764	Precise Evaluation of Leaked Information with Secure Randomness Extraction in the Presence of Quantum Attacker. 2015 , 333, 335-350		10
763	Parallel Compact Hash Algorithms for Computational Meshes. 2015 , 37, C31-C53		6
762	Pseudorandom generators from regular one-way functions: New constructions with improved parameters. 2015 , 569, 58-69		1
761	Efficient bit sifting scheme of post-processing in quantum key distribution. <i>Quantum Information Processing</i> , 2015 , 14, 3785-3811	1.6	4
760	Towards Scalability and Data Skew Handling in GroupBy-Joins using MapReduce Model. <i>Procedia Computer Science</i> , 2015 , 51, 70-79	1.6	10
759	Quantum hashing via ?-universal hashing constructions and classical fingerprinting. 2015, 36, 89-96		7
758	Quantum blind signature with an offline repository. 2015 , 13, 1550016		3
757	Security of quantum key distribution with a laser reference coherent state, resistant to loss in the communication channel. 2015 , 12, 065201		4
756	Bit-string oblivious transfer based on quantum state computational distinguishability. <i>Physical Review A</i> , 2015 , 91,	2.6	8
755	Security Bounds for Efficient Decoy-State Quantum Key Distribution. 2015 , 21, 197-204		15
754	Tight Bounds for Sliding Bloom Filters. 2015 , 73, 652-672		8
753	Security Enhancement in Distributed Networks Using Link-Based Mapping Scheme for Network Intrusion Detection with Enhanced Bloom Filter. 2015 , 84, 821-839		3
752	Introduction to Cryptography. 2015 ,		18
75 ¹	Secret-Key Distribution Based on Bounded Observability. 2015 , 103, 1762-1780		11
750	Quantum Wiretap Channel With Non-Uniform Random Number and Its Exponent and Equivocation Rate of Leaked Information. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 5595-5622	2.8	21
749	STES: A Stream Cipher Based Low Cost Scheme for Securing Stored Data. 2015 , 64, 2691-2707		6
748	Secret Key Agreement With Large Antenna Arrays Under the Pilot Contamination Attack. 2015 , 14, 6579	-6594	 1 17
747	Low-Complexity Interactive Algorithms for Synchronization From Deletions, Insertions, and Substitutions. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 5670-5689	2.8	14

746	Path-Quality Monitoring in the Presence of Adversaries: The Secure Sketch Protocols. 2015 , 23, 1729-1741	3
745	On the Size of Source Space in a Secure MAC. 2015 , 10, 2007-2015	2
744	Enhanced dual Bloom filter based on SSD for efficient directory parsing in cloud storage system. 2015 ,	2
743	Design and implementation of dynamic key based stream cipher for cryptographic processor. 2015,	1
742	. 2015 , 103, 1781-1795	25
741	String Processing and Information Retrieval. 2015,	
740	On the Complexity of Constructing Pseudorandom Functions (Especially when They Donl Exist). 2015 , 28, 509-532	
739	Universally composable three-party password-authenticated key exchange with contributiveness. 2015 , 28, 1100-1111	4
738	On Weak Keys and Forgery Attacks Against Polynomial-Based MAC Schemes. 2015 , 28, 769-795	7
737	A survey on secret key generation mechanisms on the physical layer in wireless networks. 2015 , 8, 332-341	31
736	New Proofs for NMAC and HMAC: Security without Collision Resistance. 2015, 28, 844-878	24
735	Multi-partite squash operation and its application to device-independent quantum key distribution. 2016 , 18, 103043	
734	Experimental realization of an entanglement access network and secure multi-party computation. 2016 , 6, 29453	14
733	Toward hardware support for a flexible sketch-based network traffic monitoring system. 2016,	O
732	The smooth entropy formalism for von Neumann algebras. 2016 , 57, 015213	14
731	. 2016,	7
730	Authenticated encryption: how reordering can impact performance. 2016 , 9, 6173-6188	
729	Bitvectors. 64-102	

728	Linear Hashing Is Awesome. 2016 ,	1
727	Racer: TSO consistency via race detection. 2016 ,	4
726	Triangle Counting in Dynamic Graph Streams. 2016 , 76, 259-278	10
725	On the Security of Key Extraction From Measuring Physical Quantities. 2016 , 11, 1796-1806	13
724	A joint Shannon cipher and privacy amplification approach to attaining exponentially decaying information leakage. 2016 , 357, 6-22	4
723	Information Security Applications. 2016,	5
722	A Novel NTT-Based Authentication Scheme for 10-GHz Quantum Key Distribution Systems. 2016 , 1-1	8
721	Concealed data aggregation in wireless sensor networks: A comprehensive survey. 2016 , 103, 207-227	17
720	New techniques and tighter bounds for local computation algorithms. <i>Journal of Computer and System Sciences</i> , 2016 , 82, 1180-1200	10
719	AG codes, Weierstra[points and universal hashing. 2016, 431-445	
718	Study on the security of the authentication scheme with key recycling in QKD. <i>Quantum Information Processing</i> , 2016 , 15, 3815-3831	4
717	Role of Quantum Information Theory in Information Theory. 2016 , 10, 4-13	1
716	A hash-based co-clustering algorithm for categorical data. 2016 , 64, 24-35	7
715	Join Sizes, Frequency Moments, and Applications. 2016 , 87-102	1
714	Data Stream Management. 2016 ,	51
713	Sketch-guided filtering support for detecting superspreaders in high-speed networks. 2016 , 52, 1459-1461	O
712	Provable Security. 2016 ,	
711	Efficient Verifiable Computation of XOR for Biometric Authentication. 2016 , 284-298	6

710	. 2016,		5
709	Quantum cryptography: Theoretical protocols for quantum key distribution and tests of selected commercial QKD systems in commercial fiber networks. 2016 , 14, 1630002		1
708	MMH? with arbitrary modulus is always almost-universal. 2016 , 116, 481-483		6
707	AMON: An Open Source Architecture for Online Monitoring, Statistical Analysis, and Forensics of Multi-Gigabit Streams. 2016 , 34, 1834-1848		15
706	More Efficient Privacy Amplification With Less Random Seeds via Dual Universal Hash Function. <i>IEEE Transactions on Information Theory</i> , 2016 , 62, 2213-2232	2.8	39
705	Post-Quantum Cryptography. 2016 ,		8
704	Experimental demonstration of kilometer-range quantum digital signatures. <i>Physical Review A</i> , 2016 , 93,	2.6	48
703	Attacks on quantum key distribution protocols that employ non-ITS authentication. <i>Quantum Information Processing</i> , 2016 , 15, 327-362	1.6	10
702	Security Analysis of \$varepsilon \$ -Almost Dual Universal2 Hash Functions: Smoothing of Min Entropy Versus Smoothing of Rilyi Entropy of Order 2. <i>IEEE Transactions on Information Theory</i> , 2016 , 62, 3451-3476	2.8	17
701	Attacks on practical quantum key distribution systems (and how to prevent them). 2016 , 57, 366-387		36
700	Quantum Collision-Resistance of Non-uniformly Distributed Functions. 2016 , 79-85		4
699	Faster 64-bit universal hashing using carry-less multiplications. 2016 , 6, 171-185		10
698	Decoding of binary quadratic residue codes with hash table. 2016 , 10, 122-130		6
697	Efficient One-Sided Adaptively Secure Computation. 2017 , 30, 321-371		2
696	An FPGA-Based 4 Mbps Secret Key Distillation Engine for Quantum Key Distribution Systems. 2017 , 86, 1-15		11
695	Equivocations, Exponents, and Second-Order Coding Rates Under Various Rabyi Information Measures. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 975-1005	2.8	15
694	Regular and almost universal hashing: an efficient implementation. 2017 , 47, 1299-1323		2
693	An Improved Upper Bound for the Universal TSP on the Grid. 2017 ,		1

692	Optimal CUR Matrix Decompositions. SIAM Journal on Computing, 2017, 46, 543-589	1.1	21
691	Quantum random number generators. Reviews of Modern Physics, 2017, 89,	40.5	233
690	Universal Secure Multiplex Network Coding With Dependent and Non-Uniform Messages. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 3773-3782	2.8	14
689	Robust ORAM: Enhancing Availability, Confidentiality and Integrity. 2017,		2
688	Universal Multiparty Data Exchange and Secret Key Agreement. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 4057-4074	2.8	7
687	Optimized Quantization in Zero Leakage Helper Data Systems. 2017 , 12, 1957-1966		5
686	Oblivious transfer based on single-qubit rotations. 2017 , 50, 205301		5
685	Information-theoretic physical layer security for satellite channels. 2017,		5
684	. 2017,		2
683	. IEEE Transactions on Information Theory, 2017 , 63, 2560-2595	2.8	2
682	A New Look at Counters: DonE Run Like Marathon in a Hundred Meter Race. 2017, 66, 1851-1864		1
681	Efficiently Correcting Matrix Products. 2017 , 79, 428-443		2
680	Symmetric Blind Information Reconciliation for Quantum Key Distribution. 2017, 8,		27
679	. IEEE Transactions on Information Theory, 2017 , 63, 6819-6826	2.8	7
678	Index Structures for Fast Similarity Search for Binary Vectors. 2017 , 53, 799-820		6
677	Introduction to Quantum Key Distribution. 2017 , 1-17		11
676	Algorithmen und Datenstrukturen. 2017,		6
675	Packing a Knapsack of Unknown Capacity. 2017 , 31, 1477-1497		8

674	Secure wireless communication under spatial and local Gaussian noise assumptions. 2017,	6
673	Verifiable Random Functions from Non-interactive Witness-Indistinguishable Proofs. 2017, 567-594	22
672	Private Set Projections & Variants. 2017 ,	3
671	Technical Perspective: Building a better hash function. 2017 , 60, 93-93	12
670	A Group Theoretic Approach to Quantum Information. 2017,	16
669	Deterministic and Efficient Quantum Key Distribution Using Entanglement Parity Bits and Ancillary Qubits. <i>IEEE Access</i> , 2017 , 5, 25565-25575	2
668	Hashing, Load Balancing and Multiple Choice. 2017 , 12, 275-379	6
667	Two-party function computation on the reconciled data. 2017,	
666	Robust secure goodput for massive MIMO and optical fiber wiretap channels. 2017,	2
665	Tighter bounds on entropy of secret keys in authentication codes. 2017,	1
664	. 2017,	6
663	. 2017 , 9, 1-8	11
662	BPTree. 2017 ,	9
661	. 2017 , 60,	1
660	Literaturverzeichnis. 2017,	
659	Minimum and Maximum Entropy Distributions for Binary Systems with Known Means and Pairwise Correlations. <i>Entropy</i> , 2017 , 19,	1
658	Efficient Asymmetric Index Encapsulation Scheme for Anonymous Content Centric Networking. 2017 , 2017, 1-9	1
657	Finite-block-length analysis in classical and quantum information theory. 2017 , 93, 99-124	4

656 Abstract Super Points from Core Network by Unique Candidate List. 2017,

655	High Speed Network Super Points Detection Based on Sliding Time Window by GPU. 2017 ,	1
654	Distributed Scheme to Authenticate Data Storage Security in Cloud Computing. 2017 , 9, 59-66	O
653	A Write-Friendly and Cache-Optimized Hashing Scheme for Non-Volatile Memory Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018 , 29, 985-998	12
652	Progress in Cryptology AFRICACRYPT 2018. 2018 ,	1
651	Analysis of Remaining Uncertainties and Exponents Under Various Conditional Rhyi Entropies. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 3734-3755	9
650	Sectional MinHash for near-duplicate detection. 2018 , 99, 203-212	10
649	On rate-1 and beyond-the-birthday bound secure online ciphers using tweakable block ciphers. 2018 , 10, 731-753	4
648	Secure uniform random-number extraction via incoherent strategies. <i>Physical Review A</i> , 2018 , 97, 2.6	16
647	On the (Im-)Possibility of Extending Coin Toss. 2018 , 31, 1120-1163	
646	Efficient robust secret sharing from expander graphs. 2018 , 10, 79-99	2
645	Efficient Signature Scheme for Delivering Authentic Control Commands in the Smart Grid. 2018 , 9, 4323-4334	1 17
644	Efficient Detection for Malicious and Random Errors in Additive Encrypted Computation. 2018, 67, 16-31	6
643	Mathematical Modelling for Next-Generation Cryptography. 2018,	
642	Uniform Random Number Generation and Secret Key Agreement for General Sources by Using Sparse Matrices. 2018 , 177-198	1
641	Sample(x)=(a*x. <i>SIAM Journal on Computing</i> , 2018 , 47, 2510-2526 1.1	
640	A (k, n)-Threshold Progressive Visual Secret Sharing without Expansion. 2018 , 2, 28	1
639	Inverted Leftover Hash Lemma. 2018,	1

638	Privacy Amplification: Recent Developments and Applications. 2018,		1
637	CABLE: A CAche-Based Link Encoder for Bandwidth-Starved Manycores. 2018,		2
636	m-Bonsai: A Practical Compact Dynamic Trie. 2018 , 29, 1257-1278		4
635	Secure Computation-and-Forward Communication with Linear Codes. 2018,		1
634	Converging Blockchain and Social Business for Socio-Economic Development. 2018,		8
633	A Write-efficient and Consistent Hashing Scheme for Non-Volatile Memory. 2018,		3
632	A Reciprocity Approach for Shared Secret Key Generation Extracted from Received Signal Strength in The Wireless Networks. 2018 ,		3
631	Enhancing Channel Reciprocity of Secret Key Generation Scheme by Using Modified Polynomial Regression Method. 2018 ,		1
630	Venilia, On-line Learning and Prediction of Vessel Destination. 2018,		2
629	An Implementation of Shared Key Generation Extracted from Received Signal Strength in Vehicular Ad-Hoc Communication. 2018 ,		2
628	Secret Sharing over a Public Channel from Correlated Random Variables. 2018,		8
627	On an Almost-Universal Hash Function Family with Applications to Authentication and Secrecy Codes. 2018 , 29, 357-375		7
626	Towards a Smart Contract-Based, Decentralized, Public-Key Infrastructure. 2018, 299-321		7
625	A Secure and Efficient Certificateless Authentication Scheme With Unsupervised Anomaly Detection in VANETs. <i>IEEE Access</i> , 2018 , 6, 74260-74276	3.5	28
624	Progress in Cryptology [INDOCRYPT 2018. 2018 ,		
623	Hierarchical Secret Sharing Schemes Secure Against Rushing Adversary: Cheater Identification and Robustness. 2018 , 578-594		4
622	Low Computational Cost Bloom Filters. 2018 , 26, 2254-2267		4
621	One-step estimation of networked population size: Respondent-driven capture-recapture with anonymity. 2018 , 13, e0195959		4

620	Versatile Cybersecurity. 2018,	1
619	Cryptographic Program Obfuscation: Practical Solutions and Application-Driven Models. 2018, 141-167	2
618	Bounded Independence Plus Noise Fools Products. <i>SIAM Journal on Computing</i> , 2018 , 47, 493-523 1.1	3
617	Heavy-Hitter Detection Using a Hardware Sketch with the Countmin-CU Algorithm. 2018,	5
616	Secure Opportunistic Multipath Key Exchange. 2018 ,	3
615	Free space optical secret key agreement. 2018 , 26, 23305-23332	8
614	Universal Hashing via Integer Arithmetic Without Primes, Revisited. 2018, 257-279	2
613	Methods of Big Data Analytics. 2018 , 285-322	
612	Bibliography. 2018 , 387-393	
611	Engine Torque Output Control Using Torque Maps - For Automotive Application. 2018,	1
610	Measuring the X-METE maximum power: A preliminary study. 2018 ,	О
609	Data Streams with Bounded Deletions. 2018 ,	4
608	Analysis of Channel-Based User Authentication by Key-Less and Key-Based Approaches. 2018 , 17, 5700-5712	11
607	. IEEE Transactions on Information Theory, 2018 , 64, 6054-6069	1
606	Quantum Key Distribution As a Scheme with Bernoulli Tests. <i>Journal of Experimental and Theoretical Physics</i> , 2018 , 126, 741-752	6
605	A secret key distribution technique based on semiconductor superlattice chaos devices. 2018 , 63, 1034-1036	7
604	Minimum Circuit Size, Graph Isomorphism, and Related Problems. <i>SIAM Journal on Computing</i> , 2018 , 47, 1339-1372	9
603	Composable security analysis of continuous-variable measurement-device-independent quantum key distribution with squeezed states for coherent attacks. <i>Physical Review A</i> , 2018 , 98,	20

602	Secure Certificateless Authentication and Road Message Dissemination Protocol in VANETs. 2018 , 2018, 1-13		25
601	Commitment and Oblivious Transfer in the Bounded Storage Model With Errors. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 5970-5984	2.8	2
600	Hamming Metric Multi-Granularity Locality-Sensitive Bloom Filter. 2018 , 26, 1660-1673		2
599	Continuous-Variable Quantum Key Distribution with Gaussian Modulation The Theory of Practical Implementations. <i>Advanced Quantum Technologies</i> , 2018 , 1, 1800011	4.3	93
598	Bernstein Bound on WCS is Tight. 2018 , 213-238		5
597	On Privacy Amplification, Lossy Compression, and Their Duality to Channel Coding. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 7792-7801	2.8	4
596	Hardness-Preserving Reductions via Cuckoo Hashing. 2019 , 32, 361-392		2
595	Decay-Based DRAM PUFs in Commodity Devices. 2019 , 16, 462-475		21
594	A Feasible FPGA Weightless Neural Accelerator. 2019 ,		2
	December 1 Company T ATINCOVOT 2047 2040		
593	Progress in Cryptology LATINCRYPT 2017. 2019 ,		
593 592	Repeaterless quantum key distribution with efficient finite-key analysis overcoming the rate-distance limit. 2019 , 10, 3140		30
	Repeaterless quantum key distribution with efficient finite-key analysis overcoming the	2.8	30
592	Repeaterless quantum key distribution with efficient finite-key analysis overcoming the rate-distance limit. 2019 , 10, 3140 Improving Parameter Estimation of Entropic Uncertainty Relation in Continuous-Variable Quantum	2.8	
592 591	Repeaterless quantum key distribution with efficient finite-key analysis overcoming the rate-distance limit. 2019 , 10, 3140 Improving Parameter Estimation of Entropic Uncertainty Relation in Continuous-Variable Quantum Key Distribution. <i>Entropy</i> , 2019 , 21,	2.8	8
592 591 590	Repeaterless quantum key distribution with efficient finite-key analysis overcoming the rate-distance limit. 2019, 10, 3140 Improving Parameter Estimation of Entropic Uncertainty Relation in Continuous-Variable Quantum Key Distribution. <i>Entropy</i> , 2019, 21, An Image Authentication Scheme Using Merkle Tree Mechanisms. 2019, 11, 149 Secret-Key Generation in Many-to-One Networks: An Integrated Game-Theoretic and		5
592 591 590 589	Repeaterless quantum key distribution with efficient finite-key analysis overcoming the rate-distance limit. 2019, 10, 3140 Improving Parameter Estimation of Entropic Uncertainty Relation in Continuous-Variable Quantum Key Distribution. Entropy, 2019, 21, An Image Authentication Scheme Using Merkle Tree Mechanisms. 2019, 11, 149 Secret-Key Generation in Many-to-One Networks: An Integrated Game-Theoretic and Information-Theoretic Approach. IEEE Transactions on Information Theory, 2019, 65, 5144-5159	2.8	5
592 591 590 589 588	Repeaterless quantum key distribution with efficient finite-key analysis overcoming the rate-distance limit. 2019, 10, 3140 Improving Parameter Estimation of Entropic Uncertainty Relation in Continuous-Variable Quantum Key Distribution. Entropy, 2019, 21, An Image Authentication Scheme Using Merkle Tree Mechanisms. 2019, 11, 149 Secret-Key Generation in Many-to-One Networks: An Integrated Game-Theoretic and Information-Theoretic Approach. IEEE Transactions on Information Theory, 2019, 65, 5144-5159 Error Correction by Structural Simplicity: Correcting Samplable Additive Errors. 2019, 62, 1265-1276	2.8	8 5 6

584	Analysis of SparseHash: An efficient embedding of set-similarity via sparse projections. 2019 , 128, 93-9	9	2
583	Secure Authentication and Group Key Distribution Scheme for WBANs Based on Smartphone ECG Sensor. <i>IEEE Access</i> , 2019 , 7, 151459-151474	3.5	17
582	Sequential and Parallel Algorithms and Data Structures. 2019 ,		5
581	Secure D2D Group Authentication Employing Smartphone Sensor Behavior Analysis. 2019 , 11, 969		14
580	On the Practicality of a Smart Contract PKI. 2019 ,		8
579	Bounded Independence versus Symmetric Tests. 2019 , 11, 1-27		
578	Secrecy Amplification of Distributed Encrypted Sources With Correlated Keys Using Post-Encryption-Compression. 2019 , 14, 3042-3056		1
577	An Efficient Key Generation for the Internet of Things Based Synchronized Quantization. 2019 , 19,		3
576	Algorithmen und Datenstrukturen. 2019 ,		2
575	Efficient quantum-based security protocols for information sharing and data protection in 5G networks. 2019 , 100, 893-906		57
574	Distributed Maximal Independent Set using Small Messages. 2019 , 805-820		11
573	Error correction in quantum cryptography based on artificial neural networks. <i>Quantum Information Processing</i> , 2019 , 18, 1	1.6	26
572	Linear Hashing Is Awesome. SIAM Journal on Computing, 2019, 48, 736-741	1.1	
571	High-Speed and Adaptive FPGA-Based Privacy Amplification in Quantum Key Distribution. <i>IEEE Access</i> , 2019 , 7, 21482-21490	3.5	9
570	Wiretap Channels: Nonasymptotic Fundamental Limits. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 4069-4093	2.8	37
569	Key Establishment □la Merkle in a Quantum World. 2019 , 32, 601-634		
568	A Simple Secret Key Generation by Using a Combination of Pre-Processing Method with a Multilevel Quantization. <i>Entropy</i> , 2019 , 21,	2.8	7
567	Foiling covert channels and malicious classical post-processing units in quantum key distribution. 2019 , 5,		13

566	Implementation and security analysis of practical quantum secure direct communication. <i>Light: Science and Applications</i> , 2019 , 8, 22	16.7	117
565	The Joys of Hashing. 2019 ,		1
564	L p Samplers and Their Applications. 2019 , 52, 1-31		2
563	Derandomizing Isolation in Space-Bounded Settings. SIAM Journal on Computing, 2019, 48, 979-1021	1.1	1
562	An Implementation of Shared Symmetric Key Generation Extracted from Received Signal Strength in Vehicle to Infrastructure Communication. 2019 ,		Ο
561	A New Radar-Embedded Communication Waveform Based on Singular Value Decomposition. 2019 ,		
560	Hazard Perception Training and Assessment of Young Drivers in Mauritius: Investigating the Acceptance of the MauHazard Tool. 2019 ,		0
559	Mechatronics Arc Generator for Photovoltaic Arc Fault Detector Testing. 2019,		1
558	. 2019,		
557	Modeling of Multidimensional Problems in Nonlinear Heat Conductivity in Non-Divergence Case. 2019 ,		1
556	Importance of Modern Educational Technologies in Russian Districts. 2019,		
555	Energy Demand Assessment for water in the residential sector in Mexico. 2019,		
554	A Stable Parameter Area Calculation Method for Advanced Auto-tuning of a Feedback Controller. 2019 ,		1
553	Low-Dispersive Transition from Circular Metallic to Circular Dielectric Waveguides at W-Band Frequencies. 2019 ,		2
552	Continuous-Source Fuzzy Extractors: Source uncertainty and insecurity. 2019,		2
551	. 2019,		2
550	Node-Aware Improvements to Allreduce. 2019 ,		1
549	The Generation of Random Numbers Using the Quantum Tunnel Effect in Transistors. 2019,		

548	Networked Yaw Rate Tracking Control of Four-Wheel-Independent-Drive Electric Vehicle in Steering Process. 2019 ,	
547	Automatic Generation of Pull Request Descriptions. 2019,	22
546	. 2019,	
545	. 2019,	
544	Staff Listing. 2019 , 14, 2-2	
543	A Cross-Layer CQI Feedback Reduction Technique for MVD Transmission in Crowd Event Scenarios. 2019 ,	Ο
542	A Shared Secret Key Generation between Vehicle and Roadside Based Preprocessing Method. 2019	1
541	A Novel Controllable Image Segmentation Method Using the Inverse GAMMA Distribution Function Based on Histogram Specification. 2019 ,	
540	Satellite and Underwater Sonar Image Matching Using Deep Learning. 2019,	2
539	Comprehensive Quality Control Method and Effect Analysis of Brightness Temperature Data of Ground-based Microwave Radiometer. 2019 ,	
538	Fast Factorized Backprojection Imaging Algorithm Integrated With Motion Trajectory Estimation for Bistatic Forward-Looking SAR. 2019 , 12, 3949-3965	15
537	Implementation of Sound Effects on Audio Signals. 2019 ,	
536	FPGA-Based Object Detection for Autonomous Driving System. 2019 ,	0
535	Blind Visual Motif Removal From a Single Image. 2019 ,	5
534	Performance assessment of primary frequency regulation based on static characteristics. 2019,	
533	Estimation of Disease Code from Electronic Patient Records. 2019,	5
532	Infrastructure Requirements for Cybersecurity. 2019,	О
531	Model of Onboard Heterogeneous Data Storage System Functioning with the Consideration of Different Information Importance. 2019 ,	

Image thresholding segmentation based on oriented genetic algorithm and maximum entropy. 530 2019, A Learning Model to Improve Learning Outcome on Experiential Learning in a Multi-Phase 529 Internship: a Case Study of the Internship Program of a Thai University. 2019, Measurement Investigation on Acoustic Noise Caused by Binging Capacitors on Mobile Devices. 528 5 2019, Survey of integrability of procedural modeling techniques for generating a complete city. 2019, 527 . 2019, 526 37 Can We Overcome the n log n Barrier for Oblivious Sorting?. 2019, 2419-2438 525 Reciprocity Enhancement in V2V Key Generation System by using HPK Method. 2019, 524 1 Performance Analysis of Addressing Mechanisms in Inter-Operable IoT Device with Low-Power 523 Wake-Up Radio. 2019, 19, Blockchain-based secure and fair crowdsourcing scheme. 2019, 15, 155014771986489 522 10 On blockchain based secure network coding for mobile small cells. 2019, 521 1 On the Relationship Between Statistical Zero-Knowledge and Statistical Randomized Encodings. 520 2019, 28, 573-616 Transactions on Large-Scale Data- and Knowledge-Centered Systems XL. 2019, 519 Channel Code Using Constrained-Random-Number Generator Revisited. IEEE Transactions on 518 2.8 0 Information Theory, **2019**, 65, 500-510 Using hashing and lexicographic order for Frequent Itemsets Mining on data streams. 2019, 125, 58-71 8 517 A blockchain based access control framework for the security and privacy of IoT with strong 516 11 anonymity unlinkability and intractability guarantees. 2019, 115, 211-258 Evaluating Bernstein Rabin Winograd polynomials. 2019, 87, 527-546 515 A parallelizable chaos-based true random number generator based on mobile device cameras for 514 5 the Android platform. 2019, 78, 15929-15949 Analysis of Robin Hood and Other Hashing Algorithms Under the Random Probing Model, With and 513 Without Deletions. 2019, 28, 600-617

512	On the feasibility of deriving cryptographic keys from MEMS sensors. 2020 , 10, 67-83	2
511	. 2020 , 17, 1079-1093	25
510	Risk Assessment Approach to Estimate Security of Cryptographic Keys in Quantum Cryptography. 2020 , 114-124	
509	Verifiable Random Functions from Non-interactive Witness-Indistinguishable Proofs. 2020 , 33, 459-493	3
508	Secure Authentication and Key Management With Blockchain in VANETs. <i>IEEE Access</i> , 2020 , 8, 2482-2498 _{.5}	43
507	Data Integrity Threats and Countermeasures in Railway Spot Transmission Systems. 2020 , 4, 1-26	8
506	Four-State Non-malleable Codes with Explicit Constant Rate. 2020 , 33, 1044-1079	1
505	Communication for Generating Correlation: A Unifying Survey. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 5-37	9
504	Transactions on Large-Scale Data- and Knowledge-Centered Systems XLVI. 2020,	
503	High-Speed Privacy Amplification Scheme Using GMP in Quantum Key Distribution. 2020 , 12, 1-13	2
502	Independent Forward Progress of Work-groups. 2020,	2
501	Performance Improvement Based on Modified Lossless Quantization (MLQ) for Secret Key Generation Extracted from Received Signal Strength. 2020 ,	O
500	RSS-based Secret Key Establishment using Middle-Point Quantization and Clover Filter Algorithm. 2020 ,	
499	Algorithms and Data Structures. 2020 ,	1
498	Network Information Theoretic Security. 2020,	O
497	BlockRobot: Increasing Privacy in Human Robot Interaction by Using Blockchain. 2020,	2
496	Explicit Construction of Multiple Access Channel Resolvability Codes from Source Resolvability Codes. 2020 ,	3
495	Flow-Aware Elephant Flow Detection for Software-Defined Networks. <i>IEEE Access</i> , 2020 , 8, 72585-72597 _{3.5}	18

(2020-2020)

494	Secure Network Code for Adaptive and Active Attacks With No-Randomness in Intermediate Nodes. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 1428-1448	2.8	6
493	PushdownDB: Accelerating a DBMS Using S3 Computation. 2020 ,		3
492	Killing Rainbows. 2020 , 40, 5-7		
491	Multiple Private Key Generation for Continuous Memoryless Sources With a Helper. 2020 , 15, 2629-264	40	2
490	Artificial intelligence algorithm for optimal time series data model. IEEE Access, 2020, 1-1	3.5	
489	Leftover Hashing From Quantum Error Correction: Unifying the Two Approaches to the Security Proof of Quantum Key Distribution. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 3465-3484	2.8	4
488	A Quantum Multiparty Packing Lemma and the Relay Channel. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 3500-3519	2.8	5
487	ChainLink: Indexing Big Time Series Data For Long Subsequence Matching. 2020,		4
486	Mining Discriminative K-Mers in DNA Sequences Using Sketches and Hardware Acceleration. <i>IEEE Access</i> , 2020 , 8, 114715-114732	3.5	1
485	Toward Practical Quantum Secure Direct Communication: A Quantum-Memory-Free Protocol and Code Design. 2020 , 68, 5778-5792		26
485 484			26 5
	Code Design. 2020 , 68, 5778-5792		
484	Code Design. 2020, 68, 5778-5792 Unmanned Aerial Vehicle Communications: Path-Loss Modeling and Evaluation. 2020, 15, 121-128	3.5	5
484	Code Design. 2020, 68, 5778-5792 Unmanned Aerial Vehicle Communications: Path-Loss Modeling and Evaluation. 2020, 15, 121-128 Lightweight Blockchain Consensus Protocols for Vehicular Social Networks. 2020, 69, 5736-5748	3.5	5
484 483 482	Unmanned Aerial Vehicle Communications: Path-Loss Modeling and Evaluation. 2020, 15, 121-128 Lightweight Blockchain Consensus Protocols for Vehicular Social Networks. 2020, 69, 5736-5748 . IEEE Access, 2020, 8, 8861-8875 On Security Against Pollution Attacks in Network Coding Enabled 5G Networks. IEEE Access, 2020,		5 13 7
484 483 482 481	Unmanned Aerial Vehicle Communications: Path-Loss Modeling and Evaluation. 2020, 15, 121-128 Lightweight Blockchain Consensus Protocols for Vehicular Social Networks. 2020, 69, 5736-5748 . IEEE Access, 2020, 8, 8861-8875 On Security Against Pollution Attacks in Network Coding Enabled 5G Networks. IEEE Access, 2020, 8, 38416-38437 Error Bounds for PD-Controlled Mechanical Systems Under Bounded Disturbances Using Interval		5 13 7 8
484 483 482 481 480	Unmanned Aerial Vehicle Communications: Path-Loss Modeling and Evaluation. 2020, 15, 121-128 Lightweight Blockchain Consensus Protocols for Vehicular Social Networks. 2020, 69, 5736-5748 . IEEE Access, 2020, 8, 8861-8875 On Security Against Pollution Attacks in Network Coding Enabled 5G Networks. IEEE Access, 2020, 8, 38416-38437 Error Bounds for PD-Controlled Mechanical Systems Under Bounded Disturbances Using Interval Arithmetic. 2020, 5, 1231-1238 Randomness Extraction via a Quantum Generalization of the Conditional Collision Entropy. IEEE	3.5	5 13 7 8

476	Lightweight Authentication for Quantum Key Distribution. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 6354-6368	2.8	8
475	When Are Fuzzy Extractors Possible?. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 5282-5298	2.8	5
474	Linear-time algorithms for phylogenetic tree completion under Robinson-Foulds distance. 2020 , 15, 6		
473	An Improved Controlled-Frequency-Band Impedance Measurement Scheme for Railway Traction Power System. 2021 , 68, 2184-2195		4
472	KEEP: Secure and Efficient Communication for Distributed IoT Devices. 2021 , 8, 12758-12770		1
471	. IEEE Transactions on Information Theory, 2021 , 67, 1-9	2.8	O
470	Privacy-Preserving IP Verification. 2021 , 1-1		
469	Designing tweakable enciphering schemes using public permutations. 2021,		
468	Finite-size security of continuous-variable quantum key distribution with digital signal processing. 2021 , 12, 252		13
467	Privacy in the Cloud: A Survey of Existing Solutions and Research Challenges. <i>IEEE Access</i> , 2021 , 9, 1047	′3 ₃ 1¢)49	973
466	Elements of Quantum Information Theory. 2021 , 7-33		
465	Quantum Key Distribution. 2021 , 703-784		
464	Digest-based Security Protocol for IoT devices. 2021 , 1748, 042019		
463	Improved Channel Reciprocity for Secure Communication in Next Generation Wireless Systems. 2021 , 67, 2619-2630		1
462	Measurement-device-independent quantum key distribution with leaky sources. 2021 , 11, 1678		6
461	Revisiting Construction of Online Cipher in Hash-ECB-Hash Structure. 2021 , 491-503		
460	BlockHammer: Preventing RowHammer at Low Cost by Blacklisting Rapidly-Accessed DRAM Rows. 2021 ,		3
459	An Overview of Information-Theoretic Security and Privacy: Metrics, Limits and Applications. 2021 ,		15

458	Secure Computation-and-Forward With Linear Codes. 2021 , 2, 139-148		1
457	Approximation in (Poly-) Logarithmic Space. 2021 , 83, 2303-2331		1
456	Optimizing the decoy-state BB84 QKD protocol parameters. <i>Quantum Information Processing</i> , 2021 , 20, 1	1.6	1
455	Lossless fuzzy extractor enabled secure authentication using low entropy noisy sources. 2021 , 58, 1026	95	
454	Efficient Distributed Algorithms in the k-machine model via PRAM Simulations. 2021 ,		O
453	DOTMIX-Pro: faster and more efficient variants of DOTMIX for dynamic-multithreading platforms. 2022 , 78, 945		1
452	Introducing structure to expedite quantum searching. <i>Physical Review A</i> , 2021 , 103,	2.6	2
451	Quantum key distribution with PRF(Hash, Nonce) achieves everlasting security. <i>Quantum Information Processing</i> , 2021 , 20, 1	1.6	2
450	Low-Complexity Secret Sharing Schemes Using Correlated Random Variables and Rate-Limited Public Communication. 2021 ,		2
449	. 2021,		1
448	JIZHI: A Fast and Cost-Effective Model-As-A-Service System for Web-Scale Online Inference at Baidu. 2021 ,		2
447	Secure two-party input-size reduction: Challenges, solutions and applications. 2021 , 567, 256-277		
446	Cryptanalysis and Improvement in Multi-Party Quantum Key Distribution Protocol with New Bell States Encoding Mode. 2021 , 60, 3599-3608		
445	Measure-resend authenticated semi-quantum key distribution with single photons. <i>Quantum Information Processing</i> , 2021 , 20, 1	1.6	1
444	Lower Bounds on OBDD Proofs with Several Orders. 2021 , 22, 1-30		
443	Network Information Theoretic Security with Omnipresent Eavesdropping. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	1
442	Semantic Security via Seeded Modular Coding Schemes and Ramanujan Graphs. <i>IEEE Transactions on Information Theory</i> , 2021 , 67, 52-80	2.8	4
441	Quantum Key Distribution Protocols. 2021 , 91-116		

440 HalftimeHash: Modern Hashing Without 64-Bit Multipliers or Finite Fields. **2021**, 101-114

439	Reducing Complexity Assumptions for Statistically-Hiding Commitment. 2005 , 58-77	20
438	An Incremental Heap Canonicalization Algorithm. 2005, 28-42	18
437	HCTR: A Variable-Input-Length Enciphering Mode. 2005 , 175-188	50
436	Efficient Multi-party Computation with Dispute Control. 2006, 305-328	52
435	On the (Im-)Possibility of Extending Coin Toss. 2006 , 504-521	10
434	A Tight Bound for EMAC. 2006 , 168-179	13
433	Hardness of Distinguishing the MSB or LSB of Secret Keys in Diffie-Hellman Schemes. 2006 , 240-251	8
432	Provably Secure MACs from Differentially-Uniform Permutations and AES-Based Implementations. 2006 , 226-241	21
431	Redistribution of Mechanical Secret Shares. 2003 , 238-252	1
430	On the Universal Hash Functions in Luby-Rackoff Cipher. 2003 , 226-237	4
429	Structural Properties of One-Way Hash Functions. 1990 , 285-302	7
428	On the Pseudorandomness of Top-Level Schemes of Block Ciphers. 2000 , 289-302	31
427	New Block Cipher DONUT Using Pairwise Perfect Decorrelation. 2000 , 262-270	2
426	CBC MACs for Arbitrary-Length Messages: The Three-Key Constructions. 2000 , 197-215	82
425	Almost Independent and Weakly Biased Arrays: Efficient Constructions and Cryptologic Applications. 2000 , 533-543	13
424	Efficient Minimal Perfect Hashing in Nearly Minimal Space. 2001 , 317-326	31
423	New Bounds on the OBDD-Size of Integer Multiplication via Universal Hashing. 2001 , 563-574	8

422	Does Encryption with Redundancy Provide Authenticity?. 2001 , 512-528	15
421	Fast Universal Hashing with Small Keys and No Preprocessing: The PolyR Construction. 2001 , 73-89	17
420	Performance Tuning an Algorithm for Compressing Relational Tables. 2002 , 398-407	2
419	Unconditionally-Secure Oblivious Transfer. 2001 , 35-41	1
418	On the Effectiveness of D-BSP as a Bridging Model of Parallel Computation. 2001 , 579-588	5
417	Counting Distinct Elements in a Data Stream. 2002 , 1-10	107
416	Cryptanalysis of a Pseudorandom Generator Based on Braid Groups. 2002 , 1-13	5
415	A Block-Cipher Mode of Operation for Parallelizable Message Authentication. 2002 , 384-397	120
414	Universal Electronic Cash. 1991 , 324-337	114
413	Universal hashing and authentication codes. 1991 , 74-85	76
412	On the Importance of Memory Resources in the Security of Key Exchange Protocols. 1991 , 11-15	1
411	On the Design of Provably-Secure Cryptographic Hash Functions. 1991 , 412-431	9
410	Practical Approaches to Attaining Security against Adaptively Chosen Ciphertext Attacks. 1992 , 292-304	13
409	On the Existence of Statistically Hiding Bit Commitment Schemes and Fail-Stop Signatures. 1993 , 250-265	40
408	On Families of Hash Functions via Geometric Codes and Concatenation. 1993 , 331-342	60
407	Another Method for Attaining Security Against Adaptively Chosen Ciphertext Attacks. 1993 , 420-434	12
406	Efficient Strongly Universal and Optimally Universal Hashing. 1999 , 262-272	7
405	UMAC: Fast and Secure Message Authentication. 1999 , 216-233	146

404	Constructing VIL-MACs from FIL-MACs: Message Authentication under Weakened Assumptions. 1999 , 252-269	43
403	Hash and Displace: Efficient Evaluation of Minimal Perfect Hash Functions. 1999 , 49-54	10
402	Tracing Traitors. 1994 , 257-270	291
401	Feistel Ciphers with L2-Decorrelation. 1999 , 1-14	12
400	Key Preassigned Traceability Schemes for Broadcast Encryption. 1999 , 144-156	40
399	Computational Alternatives to Random Number Generators. 1999 , 72-80	15
398	Resistance Against General Iterated Attacks. 1999 , 255-271	14
397	Software Performance of Universal Hash Functions. 1999 , 24-41	31
396	Pseudorandom Function Tribe Ensembles Based on One-Way Permutations: Improvements and Applications. 1999 , 432-445	16
395	Secure Hash-and-Sign Signatures Without the Random Oracle. 1999 , 123-139	178
394	Dynamic external hashing with guaranteed single access retrieval. 1989, 187-201	2
393	Grow and post index trees: Role, techniques and future potential. 1991 , 181-206	8
392	High performance universal hashing, with applications to shared memory simulations. 1992 , 250-269	1
391	The complexity of graph connectivity. 1992 , 112-132	14
390	Sibling intractable function families and their applications. 1993 , 124-138	10
389	Quasilinear time complexity theory. 1994 , 97-108	2
388	Graphs, hypergraphs and hashing. 1994 , 153-165	5
387	Approximation algorithms for multiple sequence alignment. 1994 , 43-53	7

386	New collapse consequences of NP having small circuits. 1995 , 196-207	12
385	Improved probabilistic verification by hash compaction. 1995 , 206-224	46
384	Universal hashing and k-wise independent random variables via integer arithmetic without primes. 1996 , 567-580	16
383	Lower bounds for static dictionaries on RAMs with bit operations but no multiplication. 1996 , 442-453	7
382	Parallelizing the Mur? verifier. 1997 , 256-267	73
381	Trans-dichotomous algorithms without multiplication Bome upper and lower bounds. 1997 , 426-439	4
380	Practical and Provably-Secure Commitment Schemes from Collision-Free Hashing. 1996 , 201-215	80
379	Bucket Hashing with a Small Key Size. 1997 , 149-162	14
378	Smooth Entropy and Rfiyi Entropy. 1997 , 193-208	14
377	Information-Theoretically Secure Secret-Key Agreement by NOT Authenticated Public Discussion. 1997 , 209-225	43
376	Efficient Cryptographic Protocols Based on Noisy Channels. 1997 , 306-317	60
375	Encyclopedia of Algorithms. 2008 , 212-215	3
374	A New Scheme for Memory-Efficient Probabilistic Verification. 1996 , 333-348	21
373	A General-Purpose Shared-Memory Model for Parallel Computation. 1999 , 1-17	5
372	A Survey of Approximation Algorithms for the Permanent. 1990 , 75-91	1
371	High Sets for NP. 1997 , 139-156	4
370	The Strong Secret Key Rate of Discrete Random Triples. 1994 , 271-285	80
369	On the Security of Compressed Encodings. 1984 , 209-230	11

368	Encyclopedia of Algorithms. 2016 , 1662-1664	3
367	Hash-Based Techniques for High-Speed Packet Processing. 2010 , 181-218	34
366	Linear-Time Algorithms for Some Phylogenetic Tree Completion Problems Under Robinson-Foulds Distance. 2018 , 209-226	2
365	Simple and More Efficient PRFs with Tight Security from LWE and Matrix-DDH. 2018 , 490-518	6
364	Tweakable HCTR: A BBB Secure Tweakable Enciphering Scheme. 2018 , 47-69	2
363	Differentially Private Sketches for Jaccard Similarity Estimation. 2020 , 18-32	3
362	Barriers for Succinct Arguments in the Random Oracle Model. 2020 , 47-76	5
361	Authentication Codes and Algebraic Curves. 2001 , 239-244	1
360	A Survey of Hard Core Functions. 2001 , 227-255	9
359	Universal Hash-Function Families: From Hashing to Authentication. 2014 , 459-474	1
358	Triangle Counting in Dynamic Graph Streams. 2014 , 306-318	16
357	Weak-Key and Related-Key Analysis of Hash-Counter-Hash Tweakable Enciphering Schemes. 2015 , 3-19	3
356	Improved Practical Compact Dynamic Tries. 2015 , 324-336	6
355	Shannon Entropy Versus Renyi Entropy from a Cryptographic Viewpoint. 2015 , 257-274	4
354	Tweak-Length Extension for Tweakable Blockciphers. 2015 , 77-93	16
353	Efficient Beyond-Birthday-Bound-Secure Deterministic Authenticated Encryption with Minimal Stretch. 2016 , 317-332	4
352	Efficient Asymmetric Index Encapsulation Scheme for Named Data. 2016 , 191-203	1
351	On Privacy-Preserving Biometric Authentication. 2017 , 169-186	6

(2007-2018)

350	Efficient Unconditionally Secure Signatures Using Universal Hashing. 2018, 143-162	3
349	Universal Test for Quantum One-Way Permutations. 2004 , 839-850	1
348	Routing with Improved Communication-Space Trade-Off. 2004 , 305-319	20
347	Efficient Unconditional Oblivious Transfer from Almost Any Noisy Channel. 2005 , 47-59	40
346	Approximating Energy Efficient Paths in Wireless Multi-hop Networks. 2003, 230-241	4
345	A Robust Scheme for Multilevel Extendible Hashing. 2003 , 220-227	5
344	A Linear-Time Majority Tree Algorithm. 2003 , 216-227	22
343	A Concrete Security Analysis for 3GPP-MAC. 2003 , 154-169	6
342	True Random Number Generators Secure in a Changing Environment. 2003, 166-180	55
341	Constructing Efficient Dictionaries in Close to Sorting Time. 2008 , 84-95	18
340	How to Protect Yourself without Perfect Shredding. 2008, 511-523	8
339	Composable Security in the Bounded-Quantum-Storage Model. 2008 , 604-615	8
338	Conditional Computational Entropy, or Toward Separating Pseudoentropy from Compressibility. 2007 , 169-186	45
337	Oblivious-Transfer Amplification. 2007 , 555-572	38
336	On-Line Predictive Load Shedding for Network Monitoring. 2007 , 1108-1119	7
335	The Candidate Key Protocol for Generating Secret Shared Keys from Similar Sensor Data Streams. 2007 , 1-15	20
334	A Subliminal-Free Variant of ECDSA. 2006 , 375-387	5
333	Domain Extension of Public Random Functions: Beyond the Birthday Barrier. 2007 , 187-204	23

332	Message Authentication on 64-Bit Architectures. 2006 , 327-341	19
331	Improving the Security of MACs Via Randomized Message Preprocessing. 2007, 414-433	7
330	New Bounds for PMAC, TMAC, and XCBC. 2007 , 434-451	18
329	FPGA-Based Cuckoo Hashing for Pattern Matching in NIDS/NIPS. 2007 , 334-343	2
328	Fast Evaluation of Union-Intersection Expressions. 2007, 739-750	6
327	Efficient Helper Data Key Extractor on FPGAs. 2008 , 181-197	107
326	On Notions of Security for Deterministic Encryption, and Efficient Constructions without Random Oracles. 2008 , 335-359	137
325	Key-Recovery Attacks on Universal Hash Function Based MAC Algorithms. 2008, 144-161	54
324	An Improved Robust Fuzzy Extractor. 2008 , 156-171	13
323	Dynamic Routing and Location Services in Metrics of Low Doubling Dimension. 2008, 379-393	7
323	Dynamic Routing and Location Services in Metrics of Low Doubling Dimension. 2008, 379-393 Basing PRFs on Constant-Query Weak PRFs: Minimizing Assumptions for Efficient Symmetric Cryptography. 2008, 161-178	<i>7 5</i>
	Basing PRFs on Constant-Query Weak PRFs: Minimizing Assumptions for Efficient Symmetric	
322	Basing PRFs on Constant-Query Weak PRFs: Minimizing Assumptions for Efficient Symmetric Cryptography. 2008 , 161-178	5
322	Basing PRFs on Constant-Query Weak PRFs: Minimizing Assumptions for Efficient Symmetric Cryptography. 2008, 161-178 Security Bounds for Quantum Cryptography with Finite Resources. 2008, 83-95	5
322 321 320	Basing PRFs on Constant-Query Weak PRFs: Minimizing Assumptions for Efficient Symmetric Cryptography. 2008, 161-178 Security Bounds for Quantum Cryptography with Finite Resources. 2008, 83-95 Round Efficient Unconditionally Secure Multiparty Computation Protocol. 2008, 185-199	5 14 5
322 321 320 319	Basing PRFs on Constant-Query Weak PRFs: Minimizing Assumptions for Efficient Symmetric Cryptography. 2008, 161-178 Security Bounds for Quantum Cryptography with Finite Resources. 2008, 83-95 Round Efficient Unconditionally Secure Multiparty Computation Protocol. 2008, 185-199 Quantum Cryptography. 2012, 1521-1543 Weaknesses of Cuckoo Hashing with a Simple Universal Hash Class: The Case of Large Universes.	5 14 5
322 321 320 319 318	Basing PRFs on Constant-Query Weak PRFs: Minimizing Assumptions for Efficient Symmetric Cryptography. 2008, 161-178 Security Bounds for Quantum Cryptography with Finite Resources. 2008, 83-95 Round Efficient Unconditionally Secure Multiparty Computation Protocol. 2008, 185-199 Quantum Cryptography. 2012, 1521-1543 Weaknesses of Cuckoo Hashing with a Simple Universal Hash Class: The Case of Large Universes. 2009, 217-228	5 14 5 1

(2011-2009)

314	Homomorphic MACs: MAC-Based Integrity for Network Coding. 2009 , 292-305	147
313	Applications of a Splitting Trick. 2009 , 354-365	9
312	Beyond-Birthday-Bound Security Based on Tweakable Block Cipher. 2009 , 308-326	37
311	MAC Reforgeability. 2009 , 345-362	21
310	Fast and Secure CBC-Type MAC Algorithms. 2009 , 375-393	13
309	CDs Have Fingerprints Too. 2009 , 348-362	27
308	Towards True Random Number Generation in Mobile Environments. 2009 , 179-189	13
307	Information Theoretically Secure Multi Party Set Intersection Re-visited. 2009, 71-91	6
306	Public Key Encryption without Random Oracle Made Truly Practical. 2009, 107-120	1
305	Entanglement Based Quantum Key Distribution Using a Bright Sagnac Entangled Photon Source. 2010 , 108-116	5
304	Universal Sequencing on a Single Machine. 2010 , 230-243	11
303	How to Thwart Birthday Attacks against MACs via Small Randomness. 2010 , 230-249	18
302	Towards Reliable Remote Healthcare Applications Using Combined Fuzzy Extraction. 2010, 387-407	3
301	Cryptographic Extraction and Key Derivation: The HKDF Scheme. 2010 , 631-648	132
300	Contributory Password-Authenticated Group Key Exchange with Join Capability. 2011 , 142-160	9
299	Secret Keys from Channel Noise. 2011 , 266-283	5
298	Communication Optimal Multi-valued Asynchronous Byzantine Agreement with Optimal Resilience. 2011 , 206-226	6
297	An Almost-Optimal Forward-Private RFID Mutual Authentication Protocol with Tag Control. 2011 , 69-84	4

296	A Sample of Samplers: A Computational Perspective on Sampling. 2011, 302-332	13
295	Collision-Free Hashing from Lattice Problems. 2011 , 30-39	6
294	Encyclopedia of Algorithms. 2015 , 1-2	2
293	Analysis of the Initial and Modified Versions of the Candidate 3GPP Integrity Algorithm 128-EIA3. 2012 , 230-242	3
292	A Morphological Analyzer Using Hash Tables in Main Memory (MAHT) and a Lexical Knowledge Base. 2012 , 80-91	1
291	From Non-adaptive to Adaptive Pseudorandom Functions. 2012 , 357-368	10
2 90	Hardness Preserving Constructions of Pseudorandom Functions. 2012, 369-382	8
289	Size-Hiding in Private Set Intersection: Existential Results and Constructions. 2012 , 378-394	6
288	Explicit and Efficient Hash Families Suffice for Cuckoo Hashing with a Stash. 2012, 108-120	5
287	Short-Output Universal Hash Functions and Their Use in Fast and Secure Data Authentication. 2012 , 326-345	7
286	On Security of Universal Hash Function Based Multiple Authentication. 2012 , 303-310	1
285	New Universal Hash Functions. 2012 , 99-108	8
284	Instance-Based Matching of Large Ontologies Using Locality-Sensitive Hashing. 2012, 49-64	23
283	Quantum Security Analysis via Smoothing of Renyi Entropy of Order 2. 2013 , 128-140	4
282	Overcoming Weak Expectations. 2013 , 1-22	39
281	Hardness Preserving Reductions via Cuckoo Hashing. 2013 , 40-59	9
280	Quantum Key Distribution in the Classical Authenticated Key Exchange Framework. 2013, 136-154	17
279	A Short Universal Hash Function from Bit Rotation, and Applications to Blockcipher Modes. 2013 , 221-238	10

(2011-2014)

278	On Weak Keys and Forgery Attacks Against Polynomial-Based MAC Schemes. 2014 , 287-304	20
277	Fast Pseudorandomness for Independence and Load Balancing. 2014 , 859-870	3
276	Cryptography from Compression Functions: The UCE Bridge to the ROM. 2014 , 169-187	9
275	Amplifying Privacy in Privacy Amplification. 2014 , 183-198	8
274	Enhancing Privacy with Quantum Networks. 2014 , 147-153	1
273	Forging Attacks on Two Authenticated Encryption Schemes COBRA and POET. 2014 , 126-140	6
272	Graph-Induced Multilinear Maps from Lattices. 2015 , 498-527	108
271	Pipelineable On-line Encryption. 2015 , 205-223	16
270	On the Minimum Number of Multiplications Necessary for Universal Hash Functions. 2015 , 489-508	8
269	Privacy with Imperfect Randomness. 2015 , 463-482	8
268	Quicksort, Largest Bucket, and Min-Wise Hashing with Limited Independence. 2015 , 828-839	2
267	Related-Key Almost Universal Hash Functions: Definitions, Constructions and Applications. 2016 , 514-532	4
266	On the Relationship Between Statistical Zero-Knowledge and Statistical Randomized Encodings. 2016 , 449-477	6
265	Efficient Fuzzy Extraction of PUF-Induced Secrets: Theory and Applications. 2016 , 412-431	36
264	When Are Fuzzy Extractors Possible?. 2016 , 277-306	14
263	DABS-Storm: A Data-Aware Approach for Elastic Stream Processing. 2019 , 58-93	2
262	Linking information reconciliation and privacy amplification. 1995 , 266-274	4
261	The Nature of Computation. 2011 ,	142

260	Performance comparison of extendible hashing and linear hashing techniques. 1991 , 17, 19-26	2
259	On the k -Independence Required by Linear Probing and Minwise Independence. 2016 , 12, 1-27	6
258	Weighted Similarity Estimation in Data Streams. 2015,	4
257	NEMESYS. 2019 ,	4
256	Sharp threshold results for computational complexity. 2020 ,	2
255	Combinatorial power in multimedia processors. 2003 , 31, 5-11	5
254	Data Structures. 2014 , 1-20	5
253	Finite-key analysis for twin-field quantum key distribution based on generalized operator dominance condition. 2020 , 28, 22594-22605	1
252	Secret Key Agreement by Soft-Decision of Signals in Gaussian Maurer's Model. 2009 , E92-A, 525-534	16
251	Further More on Key Wrapping. 2012 , E95-A, 8-20	2
250	An Efficient Hybrid Cryptographic Scheme for Wireless Sensor Network with Network Coding. 2013 , E96.A, 1889-1894	2
249	A largely self-contained and complete security proof for quantum key distribution. <i>Quantum - the Open Journal for Quantum Science</i> , 1, 14	42
248	Theoretical and Experimental Analysis of Cryptographic Hash Functions. 2019, 1, 125-133	3
247	Quantum cryptography and V A Kotel'nikov's one'time key and sampling theorems. 2006 , 176, 777	3
246	New Developments in Quasigroup-Based Cryptography. 286-317	1
245	A Scalable DDoSDetection Framework with Victim Pinpoint Capability. 2011 , 6,	7
244	An Efficient Data Fingerprint Query Algorithm Based on Two-Leveled Bloom Filter. 2013, 8,	2
243	A Generic Construction of Fuzzy Signature. 2021 , 23-41	

242	Information-Theoretically Secure String Commitments Based on Packet Reordering Channels. <i>IEEE Access</i> , 2021 , 9, 139928-139945	3.5	
241	Novel Non-cryptographic Hash Functions for Networking and Security Applications on FPGA. 2021 ,		1
240	Side Channels of Information Leakage in Quantum Cryptography: Nonstrictly Single-Photon States, Different Quantum Efficiencies of Detectors, and Finite Transmitted Sequences. <i>Journal of Experimental and Theoretical Physics</i> , 2021 , 133, 272-304	1	1
239	Method for Authentication of Diffie - Hellman Values Based on Pre-Distributed Random Sequences and Wegman - Carter One-Time Pad Algorithm. 2021 , 7, 79-90		
238	Toward an omniopticon: the potential of blockchain technology toward influencing vulnerable populations in contested markets. 2021 , ahead-of-print,		1
237	Intra and inter-flow link aggregation in SDN. 1		1
236	Pseudorandomness. 2000 , 687-704		1
235	On Distribution-Specific Learning with Membership Queries versus Pseudorandom Generation. 2000 , 336-347		
234	A Technique for Boosting the Security of Cryptographic Systems with One-Way Hash Functions. 2000 , 76-81		
233	External Perfect Hashing. 2000 , 187-208		
232	Difference Distribution Attack on DONUT and Improved DONUT. 2001, 37-48		
231	Efficient Oblivious Transfer in the Bounded-Storage Model. 2002 , 143-159		6
230	Provable Security of 3GPP Integrity Algorithm f9. 2002 , 9C, 573-580		
229	Single-Path Authenticated-Encryption Scheme Based on Universal Hashing. 2003, 94-109		1
228	Montgomery Prime Hashing for Message Authentication. 2003, 50-67		
227	Square Hash with a Small Key Size. 2003 , 522-531		2
226	Authentication Codes.		
225	A Construction Method for Optimally Universal Hash Families and Its Consequences for the Existence of RBIBDs. 2004 , 23-32		

Thin Client Access to a Visualization Environment. **2004**, 258-263

223	An Improved Communication-Randomness Tradeoff. 2004 , 444-454	
222	Flow Monitoring in High-Speed Networks with 2D Hash Tables. 2004 , 1093-1097	4
221	Predecessor Queries in Constant Time?. 2005 , 238-248	2
220	Approximate Colored Range Queries. 2005 , 360-369	
219	Unconditionally Secure Information Authentication in Presence of Erasures. 2005, 304-321	1
218	Bounds on the Efficiency of B lack-Box [C ommitment Schemes. 2005 , 128-139	5
217	Practical Quantum Cryptography. 2005 , 145-162	
216	New Constructions of Universal Hash Functions Based on Function Sums. 2006 , 416-425	1
215	Non-degrading Erasure-Tolerant Information Authentication with an Application to Multicast Stream Authentication over Lossy Channels. 2006 , 324-338	2
214	Enhancing Network Intrusion Detection with Integrated Sampling and Filtering. 2006, 272-289	4
213	Unconditionally Secure Authentication in Quantum Key Distribution.	
212	Reducing Complexity Assumptions for Statistically-Hiding Commitment*.	
211	Encyclopedia of Algorithms. 2008 , 682-683	
210	A fast real-time memory authentication protocol. 2008,	3
209	Reducing Complexity Assumptions for Oblivious Transfer. 2009 , 110-124	
208	On a Construction of Short Digests for Authenticating Ad Hoc Networks. 2009, 863-876	
207	A Simple, Fast, and Compact Static Dictionary. 2009 , 852-861	

(2011-2009)

Secret Key Generation Among Multiple Terminals with Applications to Wireless Systems. **2009**, 231-260

205	Optimal State Merging without Decoupling. 2009 , 76-84	4
204	Statistically-Hiding Quantum Bit Commitment from Approximable-Preimage-Size Quantum One-Way Function. 2009 , 33-46	6
203	Efficient Oblivious Transfer Protocols Achieving a Non-zero Rate from Any Non-trivial Noisy Correlation. 2009 , 183-194	2
202	Trade-Offs in Information-Theoretic Multi-party One-Way Key Agreement. 2009 , 65-75	4
201	Sketch-Based Anomalies Detection with IP Address Traceability. 2009 , 20, 2899-2906	2
200	Security with Noisy Data. 2010 , 48-50	
199	License Distribution Protocols from Optical Media Fingerprints. 2010 , 201-222	
198	Quantum Key Distribution. 2010 , 23-47	O
197	Preliminaries. 2010 , 3-21	
196	Efficient Password-Based Authenticated Key Exchange Protocol in the UC Framework. 2010 , 144-153	
195	Tweakable Pseudorandom Permutation from Generalized Feistel Structure. 2010 , E93-A, 13-21	
194	Quantum-Resilient Randomness Extraction. 2011 , 52-57	
193	Towards a Universal Sketch for Origin-Destination Network Measurements. 2011 , 201-213	1
192	On the Circuit Complexity of Perfect Hashing. 2011 , 26-29	
191	Encyclopedia of Cryptography and Security. 2011 , 513-514	
190	Security of Hash-then-CBC Key Wrapping Revisited. 2011 , 413-430	
189	Authenticated Encryption. 2011 , 52-61	1

188	Unified Locality-Sensitive Signatures for Transactional Memory. 2011 , 326-337
187	When Formulas Freeze: Phase Transitions in Computation. 2011 , 723-818
186	The Grand Unified Theory of Computation. 2011 , 223-299
185	Interaction and Pseudorandomness. 2011 , 506-562
184	Memory, Paths, and Games. 2011 , 300-350
183	The Deep Question: P vs. NP. 2011 , 173-222
182	The Basics. 2011 , 15-40
181	Needles in a Haystack: the Class NP. 2011 , 94-126
180	Counting, Sampling, and Statistical Physics. 2011 , 651-722
179	Memory Integrity Protection. 2012 , 305-324
178	Insights and Algorithms. 2011 , 41-93
177	Prologue. 2011 , 1-14
176	Optimization and Approximation. 2011 , 351-449
175	Quantum Computation. 2011 , 819-910
174	Randomized Algorithms. 2011, 450-505
173	Who is the Hardest One of All? NP-Completeness. 2011 , 127-172
172	The Stream Cipher Core of the 3GPP Encryption Standard 128-EEA3: Timing Attacks and Countermeasures. 2012 , 269-288
171	Resistance against Adaptive Plaintext-Ciphertext Iterated Distinguishers. 2012 , 528-544

170	Independence of Tabulation-Based Hash Classes. 2012 , 506-517	2
169	References. 327-336	
168	Count-Min Sketches for Estimating Password Frequency within Hamming Distance Two. 2013, 388-402	
167	Vertex Deletion for 3D Delaunay Triangulations. 2013 , 253-264	О
166	Message Transmission and Key Establishment: Conditions for Equality of Weak and Strong Capacities. 2013 , 78-94	
165	Pseudorandom Generators from Regular One-Way Functions: New Constructions with Improved Parameters. 2013 , 261-279	4
164	Authentication Codes. 2013, 155-190	
163	Insider-Proof Encryption with Applications for Quantum Key Distribution. 2014 , 122-141	
162	A Novel Bloom Filter Based Variant of Elliptic Curve Digital Signature Algorithm for Wireless Sensor Networks. 2014 , 125-137	
161	Boosting the basic counting on distributed streams. 2014 ,	
160	Security Analysis of Public Key Encryptions Based on Conjugacy Search Problem. 2014, 554-563	
159	Towards Single Probe Retrieval. 1980 , 389-399	
158	A compendium of key search references. 1990 , 24, 26-42	1
157	Locating P/poly optimally in the extended low hierarchy. 1993 , 28-37	4
156	Performance analysis of superimposing-coded signature files. 1993 , 115-129	
155	Non-interactive generation of shared pseudorandom sequences. 1993 , 385-396	1
154	Simulations between different models of parallel computers. 1993 , 16-30	
153	Information authentication: Hash functions and digital signatures. 1993 , 87-131	3

152	On the Basic Averaging Arguments for Linear Codes. 1994 , 251-261	6
151	On helping and interactive proof systems. 1994 , 137-145	
150	Randomized PRAM simulation using T9000 transputers. 1996 , 736-743	
149	Derandomization via small sample spaces. 1996 , 1-3	
148	Sorting and searching revisted. 1996 , 185-197	3
147	Polynomial time samplable distributions. 1996 , 566-578	1
146	Communication efficient parallel searching. 1997 , 233-254	1
145	MRD Hashing. 1998 , 134-149	1
144	Limits and Possibilities of Sequential Hashing with Supertrace. 1998 , 75-90	
143	Visual Cryptography [How to Use Images to Share a Secret. 1998 , 3-12	
142	The Search for the Holy Grail in Quantum Cryptography. 1999 , 183-216	О
141	Some Practical Randomized Algorithms and Data Structures. 2014 , 1-24	
140	Quantum Error Correction and Quantum Cryptography. 2015 , 231-268	
139	A Novel Distributed Secret Key Extraction Technique for Wireless Network. 2014 , 39A, 708-717	1
138	⊞⊞ 2015, 6, 135-151	
137	Encyclopedia of Algorithms. 2015 , 1-5	
136	FORTIFYING SECURITY AND INTEGRITY IN CLOUD. 2015 , 3, 313-316	
135	Cuckoo Hashing. 2016 , 478-481	

134	How Much Randomness Can Be Extracted from Memoryless Shannon Entropy Sources?. 2016 , 75-86	2
133	Entanglement and Locality Restrictions. 2017 , 357-490	
132	Practical Evaluation of Lempel-Ziv-78 and Lempel-Ziv-Welch Tries. 2017, 191-207	4
131	順利- 2017 , 8, 5-40	
130	11111111111111111111111111111111111111	
129	A flexible continuous-variable QKD system using off-the-shelf components. 2017 ,	3
128	Ubiquitous Weak-Key Classes of BRW-Polynomial Function. 2018 , 33-50	
127	Most Memory Efficient Distributed Super Points Detection on Core Networks. 2018 , 153-167	
126	Cryptographic Password Obfuscation. 2018 , 497-512	3
125	On the Construction of (n, k)-schemes of Visual Cryptography Using a Class of Linear Hash Functions Over a Binary Field. 2018 , 18, 227-239	Ο
124	My Genome Belongs to Me: Controlling Third Party Computation on Genomic Data. <i>Proceedings on Privacy Enhancing Technologies</i> , 2019 , 2019, 108-132	4
123	Physical-Layer Security. 2019 , 93-161	
122	Post-Quantum Pseudorandom Functions from Mersenne Primes. <i>Communications in Computer and Information Science</i> , 2019 , 128-142	
121	Fast Locality-Sensitive Hashing Frameworks for Approximate Near Neighbor Search. 2019 , 3-17	5
120	Parallelizable MACs Based on the Sum of PRPs with Security Beyond the Birthday Bound. 2019 , 131-151	4
119	Improved XKX-Based AEAD Scheme: Removing the Birthday Terms. 2019 , 228-246	2
118	Fast Identification of Heavy Hitters by Cached and Packed Group Testing. 2019, 241-257	
117	Dual Hashing-Based Algorithms for Discrete Integration. 2019 , 161-176	1

116	Hardware Based Cyber System Using High Performance Crypto Hash Bloom Filter for Network Security and Privacy Preserving Applications. 2020 , 39-59	
115	Computationally efficient index generation unit using a Bloom filter. 2019 ,	
114	Basic Techniques for Data Security. 2020 , 11-27	
113	Quantum Encryption with Certified Deletion. 2020 , 92-122	7
112	Fast hashing with strong concentration bounds. 2020,	
111	Nearly optimal static Las Vegas succinct dictionary. 2020 ,	Ο
110	PRACTICAL UMAC ALGORITHM ON HYBRID CRYPTO-CODE CONSTRUCTIONS OF McELISE ON SHORTENED MEC. 2020 , 4, 106-115	
109	Safest Secure and Consistent Data Services in the Storage of Cloud Computing. 2020 , 433-447	Ο
108	The circulant hash revisited. 2020 , 15, 250-257	
107	A Key-Agreement Scheme for Cyber-Physical Systems. 2021 , 1-6	
106	A blockchain-based integrated document management framework for construction applications. 2022 , 133, 104001	11
105	A Lattice-Based Certificateless Public Key Encryption with Equality Test in Standard Model. 2020 , 50-65	
104	Unprovability of Leakage-Resilient Cryptography Beyond the Information-Theoretic Limit. 2020, 621-642	
103	Load-Aware Shedding in Stream Processing Systems. 2020 , 121-153	Ο
102	Towards Closing the Security Gap of Tweak-aNd-Tweak (TNT). 2020 , 567-597	1
101	Super-Linear Time-Memory Trade-Offs for Symmetric Encryption. 2020 , 335-365	3
100	Enabling Efficient Multi-keyword Search Over Fine-Grained Authorized Healthcare Blockchain System. 2020 , 27-41	3
99	Quantum Key Distribution Networks. 61-96	

98 Randomized Algorithms and Complexity Classes. **2005**, 261-310

97	Other Public-Key Cryptosystems and Protocols. 2005 , 361-412		
97	Scherr done key eryptosystems and Protocolds. 2005, 30 Priz		
96	A Construction for One Way Hash Functions and Pseudorandom Bit Generators. 1991 , 431-445		1
95	Local Randomness in Candidate One-Way Functions. 1992 , 408-419		
94	Parallel Processing of Group-By Join Queries on Shared Nothing Machines. <i>Communications in Computer and Information Science</i> , 2008 , 230-241	0.3	
93	Two Improved Range-Efficient Algorithms for F0 Estimation. 2007 , 659-669		O
92	On Optimal Probabilistic Asynchronous Byzantine Agreement. 2007 , 86-98		
91	High-speed implementation of privacy amplification for continuous-variable quantum key distribution. 2020 ,		O
90	A Simple Quantum Statistical Interpretation of the Key Secrecy Criterion in Quantum Cryptography. <i>Journal of Experimental and Theoretical Physics</i> , 2020 , 131, 394-409	1	
89	Equivalence of Three Classical Algorithms With Quantum Side Information: Privacy Amplification, Error Correction, and Data Compression. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	O
88	Bespoke Cache Enclaves: Fine-Grained and Scalable Isolation from Cache Side-Channels via Flexible Set-Partitioning. 2021 ,		1
87	Are van Emde Boas trees viable on the GPU?. 2021 ,		
86	A Modular Quantum Key Distribution Software Stack for Rapid Experimental Prototyping. 2021,		O
85	Differential properties of authenticated encryption mode based on universal hash function (XTSMAC). 2021 ,		
84	. 2021,		
83	. 2021,		O
82	Privacy-preserving FairSwap: Fairness and privacy interplay. <i>Proceedings on Privacy Enhancing Technologies</i> , 2022 , 2022, 417-439	3.2	O
81	Differentially Private Sparse Vectors with Low Error, Optimal Space, and Fast Access. 2021 ,		O

80	Private Classical Communication over Quantum Multiple-Access Channels. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	2
79	Long-term secure distributed storage using quantum key distribution network with third-party verification. <i>IEEE Transactions on Quantum Engineering</i> , 2021 , 1-1	2.9	O
78	Quantum Speedup for Graph Sparsification, Cut Approximation and Laplacian Solving. 2020,		1
77	An Improved Secure Router Discovery Mechanism to Prevent Fake RA Attack in Link Local IPv6 Network. <i>Communications in Computer and Information Science</i> , 2021 , 248-276	0.3	
76	Design of Short Blocklength Wiretap Channel Codes: Deep Learning and Cryptography Working Hand in Hand. 2021 ,		1
75	On Commitment over General Compound Channels. 2022,		
74	Three-wise independent random walks can be slightly unbounded. <i>Random Structures and Algorithms</i> ,	0.8	
73	Digital Signatures with Quantum Candies <i>Entropy</i> , 2022 , 24,	2.8	
7 ²	Memory-Saving and High-Speed Privacy Amplification Algorithm Using LFSR-Based Hash Function for Key Generation. <i>Electronics (Switzerland)</i> , 2022 , 11, 377	2.6	1
71	Multiple Access Channel Resolvability Codes from Source Resolvability Codes. <i>IEEE Transactions on Information Theory</i> , 2022 , 1-1	2.8	
7°	Secure list decoding and its application to bit-string commitment. <i>IEEE Transactions on Information Theory</i> , 2022 , 1-1	2.8	0
69	A Food anti-counterfeiting traceability system based on Blockchain and Internet of Things. <i>Procedia Computer Science</i> , 2022 , 199, 629-636	1.6	3
68	Quantum-Inspired Secure Wireless Communication Protocol Under Spatial and Local Gaussian Noise Assumptions. <i>IEEE Access</i> , 2022 , 10, 29040-29068	3.5	0
67	DHash: Dynamic Hash Tables with Non-blocking Regular Operations. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022 , 1-1	3.7	
66	Authentication of variable length messages in quantum key distribution <i>EPJ Quantum Technology</i> , 2022 , 9, 8	6.9	2
65	Bounds on semi-device-independent quantum random-number expansion capabilities. <i>Physical Review A</i> , 2022 , 105,	2.6	O
64	Quantum key distribution using universal hash functions over finite fields. <i>Quantum Information Processing</i> , 2022 , 21, 1	1.6	
63	Device-independent secret key rates via a postselected Bell inequality. <i>Physical Review A</i> , 2022 , 105,	2.6	

62	The Pursuit of Uniqueness: Extending Valiant-Vazirani Theorem to the Probabilistic and Quantum Settings. <i>Quantum - the Open Journal for Quantum Science</i> , 6, 668		О
61	A write-optimal and concurrent persistent dynamic hashing with radix tree assistance. <i>Journal of Systems Architecture</i> , 2022 , 125, 102462	5.5	O
60	Realization of quantum secure direct communication over 100 km fiber with time-bin and phase quantum states <i>Light: Science and Applications</i> , 2022 , 11, 83	16.7	7
59	Binary Fuse Filters: Fast and Smaller Than Xor Filters. <i>Journal of Experimental Algorithmics</i> , 2022 , 27, 1-1	5 1.1	O
58	Secure Physical Layer Network Coding versus Secure Network Coding Entropy, 2021 , 24,	2.8	1
57	Position-based Hash Embeddings For Scaling Graph Neural Networks. 2021,		0
56	RUDBA: Reusable User-Device Biometric Authentication Scheme for Multi-service Systems. 2021 ,		
55	Quantum Communication Using Semiconductor Quantum Dots. Advanced Quantum Technologies, 2100°	l 1463	9
54	Optimum ratio between two bases in the Bennett-Brassard 1984 protocol with second-order analysis. <i>Physical Review A</i> , 2022 , 105,	2.6	
53	Nearly Optimal Static Las Vegas Succinct Dictionary. SIAM Journal on Computing, STOC20-174-STOC20-2	2491	
52	A scalable architecture for reprioritizing ordered parallelism. 2022,		
51	Physical-Layer Security for Wireless and Optical Channels. 2022 , 713-760		Ο
50	Approximate Range Thresholding. 2022,		
49	LARP: A Lightweight Auto-Refreshing Pseudonym Protocol for V2X. 2022 ,		
48	A Modified Key Sifting Scheme With Artificial Neural Network Based Key Reconciliation Analysis in Quantum Cryptography. <i>IEEE Access</i> , 2022 , 10, 72743-72757	3.5	0
47	Security in quantum cryptography. Reviews of Modern Physics, 2022 , 94,	40.5	4
46	Secure random number generation from parity symmetric radiations. <i>Communications Physics</i> , 2022 , 5,	5.4	
45	SEMIGROUPS OF BINARY OPERATIONS AND MAGMA-BASED CRYPTOGRAPHY. Vestnik of Samara University Natural Science Series, 2020 , 26, 23-51	0.4	O

44	Secret Key-based Authentication With Passive Eavesdropper for Scalar Gaussian Sources. 2022,	O
43	High-Speed Privacy Amplification Algorithm Using Cellular Automate in Quantum Key Distribution. 2022 , 11, 2426	1
42	Embedding Compression with Hashing for Efficient Representation Learning in Large-Scale Graph. 2022 ,	
41	Quantum key distribution. 2022 , 215-272	O
40	Privacy-Preserving Record Linkage Using Local Sensitive Hash and Private Set Intersection. 2022 , 398-424	0
39	Review of the k-Vector and Its Relation to Classical Data Structures. 1-7	0
38	Unconditionally secure digital signatures implemented in an eight-user quantum network*. 2022 , 24, 093038	0
37	Privacy Amplification Strategies in Sequential Secret Key Distillation Protocols Based on Machine Learning. 2022 , 14, 2028	1
36	Quantum network security dependent on connection density between trusted nodes.	0
35	Large-Scale and High-Speed FPGA-Based Privacy Amplification for Quantum Key Distribution. 2022 , 1-8	1
34	The Complexity of the Co-occurrence Problem. 2022 , 38-52	Ο
33	SoftSpokenOT: Quieter OT Extension from Small-Field Silent VOLE in the Minicrypt Model. 2022 , 657-687	Ο
32	Improving binary diffing speed and accuracy using community detection and locality-sensitive hashing: an empirical study.	0
31	Algorithms and data structures for hyperedge queries.	O
30	Explicit Wiretap Channel Codes via Source Coding, Universal Hashing, and Distribution Approximation, When the Channels Etatistics are Uncertain. 2022 , 1-1	1
29	Tight Exponential Analysis for Smoothing the Max-Relative Entropy and for Quantum Privacy Amplification. 2022 , 1-1	O
28	Commitment over Multiple-Access Channels. 2022,	0
27	Twin-Field Quantum Key Distribution with Partial Phase Postselection. 2022, 18,	Ο

26	Private Randomness Agreement and its Application in Quantum Key Distribution Networks. 2022, 1-1	O
25	A Framework for Fault Tolerance in RISC-V. 2022 ,	O
24	VEA: An FPGA-Based Voxel Encoding Accelerator for 3D Object Detection with LiDAR. 2022,	О
23	Unconditional Proofs-of-Work and Other Possibilities of Thermodynamic Cryptography. 2022,	О
22	Commitment over Unreliable Noisy Channels: When Awareness Meets Control. 2022,	О
21	Quantum Speedup for Graph Sparsification, Cut Approximation, and Laplacian Solving. 2022 , 51, 1703-1742	О
20	Mathematical Tools. 2011 , 911-943	О
19	Copyright Page. 2011 , iv-iv	O
18	Figure Credits. 2011 , xii-xiv	O
17	Dedication. 2011 , v-v	O
17	Dedication. 2011, v-v Preface. 2011, xv-xvii	0
16	Preface. 2011 , xv-xvii	0
16	Preface. 2011, xv-xvii QKD parameter estimation by two-universal hashing. 7, 894 Short Blocklength Wiretap Channel Codes via Deep Learning: Design and Performance Evaluation.	0
16 15	Preface. 2011, xv-xvii QKD parameter estimation by two-universal hashing. 7, 894 Short Blocklength Wiretap Channel Codes via Deep Learning: Design and Performance Evaluation. 2023, 1-1	0 0
16 15 14	Preface. 2011, xv-xvii QKD parameter estimation by two-universal hashing. 7, 894 Short Blocklength Wiretap Channel Codes via Deep Learning: Design and Performance Evaluation. 2023, 1-1 Relaxed Locally Decodable and Correctable Codes: Beyond Tensoring. 2022,	o o o
16 15 14 13	Preface. 2011, xv-xvii QKD parameter estimation by two-universal hashing. 7, 894 Short Blocklength Wiretap Channel Codes via Deep Learning: Design and Performance Evaluation. 2023, 1-1 Relaxed Locally Decodable and Correctable Codes: Beyond Tensoring. 2022, Linear Hashing with @guarantees and two-sided Kakeya bounds. 2022, MSLCFinder: An Algorithm in Limited Resources Environment for Finding Top-k Elephant Flows.	000000

8	Provably Secure Randomness Generation from Switching Probability of Magnetic Tunnel Junctions. 2023 , 19,	O
7	Optimized algorithms and architectures for fast non-cryptographic hash functions in hardware. 2023 , 98, 104782	O
6	Weightless Neural Networks for Efficient Edge Inference. 2022,	O
5	Quantum Key Distribution with Continuous-Variable Systems. 2023 , 33-102	O
4	CoDi\$: Randomized Caches Through Confusion and Diffusion. 2023, 11, 17265-17282	О
3	Security of device-independent quantum key distribution protocols: a review. 7, 932	O
2	Counterfeit Protection In Supplychain Using Blockchain: A Review. 2023,	О
1	Optimal Bounds for Noisy Sorting. 2023 ,	O