Kouichi Sakurai

List of Publications by Year
in descending order

55 papers	1,519 citations	1478505 6 h-index	1199594 12 g-index
55 all docs	55 docs citations	55 times ranked	1356 citing authors

#	Article	IF	Citations
1	An Efficient Vehicle-Assisted Aggregate Authentication Scheme for Infrastructure-Less Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15590-15600.	8.0	15
2	A Survey on Group Signatures and Ring Signatures: Traceability vs. Anonymity. Cryptography, 2022, 6, 3.	2.3	11
3	A Survey of Polynomial Multiplication With RSA-ECC Coprocessors and Implementations of NIST PQC Round3 KEM Algorithms in Exynos2100. IEEE Access, 2022, 10, 2546-2563.	4.2	2
4	On the Information-theoretic Security of Combinatorial All-or-nothing Transforms. IEEE Transactions on Information Theory, 2022, , 1-1.	2.4	1
5	Certificate Management Scheme for VANETs Using Blockchain Structure. Cryptography, 2022, 6, 20.	2.3	2
6	Neural Networks-Based Cryptography: A Survey. IEEE Access, 2021, 9, 124727-124740.	4.2	16
7	A Secure Ticket-Based Authentication Mechanism for Proxy Mobile IPv6 Networks in Volunteer Computing. ACM Transactions on Internet Technology, 2021, 21, 1-16.	4.4	0
8	Perpetual Secret Sharing from Dynamic Data Structures. , 2021, , .		1
9	A Survey of Software Clone Detection From Security Perspective. IEEE Access, 2021, 9, 48157-48173.	4.2	14
10	Conditional Generative Adversarial Network-Based Image Denoising for Defending Against Adversarial Attack. IEEE Access, 2021, 9, 169031-169043.	4.2	2
11	An Intrusion Detection System for Imbalanced Dataset Based on Deep Learning. , 2021, , .		9
12	Design and Evaluation of Escrow Scheme on Autonomous Vehicles for Overtaking Service with Ethereum. , 2021, , .		0
13	3-Party Adversarial Cryptography. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 247-258.	0.7	5
14	Face completion with pyramid semantic attention and latent codes. , 2020, , .		1
15	One Pixel Attack for Fooling Deep Neural Networks. IEEE Transactions on Evolutionary Computation, 2019, 23, 828-841.	10.0	1,174
16	Efficient Shortest Path Routing Algorithms for Distributed XML Processing. , 2019, , .		0
17	Efficient Shortest Path Routing Algorithms for Distributed XML Processing. , 2019, , .		1
18	Light Weight Write Mechanism for Cloud Data. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1131-1146.	5.6	4

#	Article	IF	Citations
19	Detecting Distributed Cyber Attacks in SDN Based on Automatic Thresholding. , 2018, , .		1
20	Neural Cryptography Based on the Topology Evolving Neural Networks. , 2018, , .		16
21	Proof of Disease: A Blockchain Consensus Protocol for Accurate Medical Decisions and Reducing the Disease Burden. , 2018, , .		24
22	Comments and improvements of â€œHOTA: Handover optimized ticket-based authentication in network-based mobility managementâ€•. , 2017, , .		1
23	Effectively Protect Your Privacy: Enabling Flexible Privacy Control on Web Tracking. , 2017, , .		2
24	A Proposal for Cyber-Attack Trace-Back Using Packet Marking and Logging. , 2016, , .		4
25	Detection of Illegal Players in Massively Multiplayer Online Role Playing Game by Classification Algorithms. , 2015, , .		4
26	Detection of Android ad library focusing on HTTP connections and view object redraw behaviors. , 2015, , .		0
27	Proposal of multi-value cell structure for high-density two-dimensional codes and evaluation of readability using smartphones. , 2015, , .		4
28	Cryptanalysis and Improvement of "A Secure Password Authentication Mechanism for Seamless Handover in Proxy Mobile IPv6 Networks". PLoS ONE, 2015, 10, e0142716.	2.5	17
29	Parallelization of QUAD Stream Cipher Using Linear Recurring Sequences on Graphics Processing Units. , 2014, , .		0
30	Towards 'Receipt-Freeness' in Remote Biometric Authentication. , 2014, , .		2
31	Evaluation of the Identity and Compatibility of Multi-valued Cells in Two-Dimensional Codes Using Smartphones. , 2014, , .		2
32	Information hiding in subcells of a two-dimensional code. , 2012, , .		6
33	Information Hiding of Two-dimensional Code by Multi-layer Optical. , 2012, , .		0
34	A Differential Game Approach to Mitigating Primary User Emulation Attacks in Cognitive Radio Networks. , 2012, , .		20
35	Proposal of the Hierarchical File Server Groups for Implementing Mandatory Access Control. , 2012, , .		0
36	A Behavior-Based Detection Method for Outbreaks of Low-Rate Attacks. , 2012, , .		4

#	Article	IF	Citations
37	Preventing the Access of Fraudulent WEB Sites by Using a Special Two-Dimensional Code. , 2012, , .		1
38	Security of Offline Anonymous Electronic Cash Systems against Insider Attacks by Untrusted Authorities Revisited. , 2011, , .		4
39	A Robust and Compression-Combined Digital Image Encryption Method Based on Compressive Sensing. , 2011, , .		42
40	Traceback Framework against Botmaster by Sharing Network Communication Pattern Information. , 2011, , .		4
41	Achieving cooperative detection against Sybil attack in wireless ad hoc networks: A game theoretic approach. , 2011, , .		0
42	A Design of History Based Traffic Filtering with Probabilistic Packet Marking against DoS Attacks. , 2010, , .		4
43	Image Encryption Design Based on Multi-Dimensional Matrix Map and Partitioning Substitution and Diffusion-Integration Substitution Network Structure. , 2010, , .		2
44	A behavior based malware detection scheme for avoiding false positive. , 2010, , .		19
45	Behavior Control Based on Dynamic Code Translation. , 2010, , .		0
46	A Signature Scheme Associated with Universal Re-signcryption. , 2009, , .		0
47	Polymorphic Worm Detection by Analyzing Maximum Length of Instruction Sequence in Network Packets. , 2009, , .		0
48	Comparison of Risk Analysis Methods: Mehari, Magerit, NIST800-30 and Microsoft's Security Management Guide. , 2009, , .		27
49	Analyzing Maximum Length of Instruction Sequence in Network Packets for Polymorphic Worm Detection. , 2008, , .		1
50	Methodology for Evaluating Information Security Countermeasures of a System. , 2008, , .		1
51	Security Policy Pre-evaluation towards Risk Analysis. , 2008, , .		7
52	Invalidation of Mailing List Address to Block Spam Mails. , 2008, , .		0
53	Two-Servers PIR Based DNS Query Scheme with Privacy-Preserving. , 2007, , .		19
54	Bot Detection Based on Traffic Analysis. , 2007, , .		22

#	Article	IF	Citations
55	Proxy certificates-based digital fingerprinting scheme for mobile communication. , 0, , .		1