

Gwo-Boa Horng

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

949
citations

567144

15
h-index

454834

30
g-index

51
all docs

51
docs citations

51
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Encrypted signal-based reversible data hiding with public key cryptosystem. Journal of Visual Communication and Image Representation, 2014, 25, 1164-1170.	1.7	166
2	Cheating in Visual Cryptography. Designs, Codes, and Cryptography, 2006, 38, 219-236.	1.0	113
3	A Publicly Verifiable Copyright-Proving Scheme Resistant to Malicious Attacks. IEEE Transactions on Industrial Electronics, 2005, 52, 327-334.	5.2	103
4	A cheating prevention scheme for binary visual cryptography with homogeneous secret images. Pattern Recognition, 2007, 40, 2356-2366.	5.1	83
5	Comment on "Cheating Prevention in Visual Cryptography" IEEE Transactions on Image Processing, 2012, 21, 3319-3323.	6.0	52
6	A novel secret image sharing scheme for true-color images with size constraint. Information Sciences, 2009, 179, 3247-3254.	4.0	51
7	Automatic Contrast Enhancement of Brain MR Images Using Hierarchical Correlation Histogram Analysis. Journal of Medical and Biological Engineering, 2015, 35, 724-734.	1.0	48
8	Certificateless aggregate signature with efficient verification. Security and Communication Networks, 2015, 8, 2232-2243.	1.0	37
9	On generating meaningful shares in visual secret sharing scheme. Imaging Science Journal, 2008, 56, 49-55.	0.2	35
10	A new authentication based cheating prevention scheme in Naor's Shamir's visual cryptography. Journal of Visual Communication and Image Representation, 2012, 23, 1225-1233.	1.7	35
11	Key authentication scheme for cryptosystems based on discrete logarithms. Computer Communications, 1996, 19, 848-850.	3.1	30
12	An Authentication Scheme to Healthcare Security under Wireless Sensor Networks. Journal of Medical Systems, 2012, 36, 3649-3664.	2.2	21
13	An Efficient and Secure Protocol for Multi-party Key Establishment. Computer Journal, 2001, 44, 463-470.	1.5	20
14	Visual secret sharing with cheating prevention revisited. , 2013, 23, 1496-1504.		17
15	Secure SAS-like password authentication schemes. Computer Standards and Interfaces, 2004, 27, 25-31.	3.8	16
16	Weakness in the Helsinki protocol. Electronics Letters, 1998, 34, 354.	0.5	15
17	Privacy Preserving Index for Encrypted Electronic Medical Records. Journal of Medical Systems, 2013, 37, 9992.	2.2	12
18	Reversible data embedding for vector quantization compressed images using search-order coding and index parity matching. Security and Communication Networks, 2015, 8, 899-906.	1.0	10

#	ARTICLE	IF	CITATIONS
19	A lightweight and anonymous copyright-protection protocol. Computer Standards and Interfaces, 2007, 29, 229-237.	3.8	9
20	A Secure Integrated Medical Information System. Journal of Medical Systems, 2012, 36, 3103-3113.	2.2	9
21	Remarks on some signature schemes based on factoring and discrete logarithms. Applied Mathematics and Computation, 2005, 169, 1070-1075.	1.4	8
22	Strong non-repudiation based on certificateless short signatures. IET Information Security, 2013, 7, 253-263.	1.1	8
23	A Fast VQ Codebook Generation Algorithm Based on Otsu Histogram Threshold. Fundamenta Informaticae, 2009, 91, 563-579.	0.3	6
24	An anonymous buyer-reseller watermarking protocol. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2005, 28, 535-538.	0.6	5
25	Further refinement of pairing computation based on Miller's algorithm. Applied Mathematics and Computation, 2007, 189, 395-409.	1.4	3
26	Privacy Protection in On-line Shopping for Electronic Documents. , 2009, , .		3
27	Timestamped Conjunctive Keyword-Searchable Public Key Encryption. , 2009, , .		3
28	Cryptanalysis of some user identification schemes for distributed computer networks. International Journal of Communication Systems, 2014, 27, 2909-2917.	1.6	3
29	Reversible Steganographic Method Using Complexity Control and Human Visual System. Computer Journal, 2015, 58, 2583-2594.	1.5	3
30	Very efficient variable-length codes for the lossless compression of VQ indices. Multimedia Tools and Applications, 2016, 75, 3537-3552.	2.6	3
31	Cloud evidence tracks of storage service linking with iOS systems. Journal of Supercomputing, 2021, 77, 77-94.	2.4	3
32	A Key Renewal Scheme under the Power Consumption for Wireless Sensor Networks. , 0, , .		3
33	An Efficient Key-Update Scheme for Wireless Sensor Networks. Lecture Notes in Computer Science, 2006, , 1026-1029.	1.0	3
34	An active attack on protocols for server-aided RSA signature computation. Information Processing Letters, 1998, 65, 71-73.	0.4	2
35	A server-aided signature scheme for mobile commerce. , 2007, , .		2
36	Protecting the Privacy of Users in Retrieving Valuable Information by a PIR Scheme with Mutual Authentication by RSA Signature Algorithm. , 2007, , .		2

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37	Secure Authentication Scheme for Supporting Healthcare in Wireless Sensor Networks. , 2012, , .		2
38	Accelerating DSA Signature Generation. Cryptologia, 2015, 39, 121-125.	0.4	2
39	Identification scheme based on Shamir's "RSA for paranoids"™. Electronics Letters, 1999, 35, 1941.	0.5	1
40	Cryptanalysis of a Provably Secure Certificateless Short Signature Scheme. Smart Innovation, Systems and Technologies, 2013, , 61-68.	0.5	1
41	Privacy protection in on-line shopping for electronic documents. Information Sciences, 2014, 277, 321-326.	4.0	1
42	Solving polynomials by radicals with roots of unity in minimum depth. Mathematics of Computation, 1999, 68, 881-886.	1.1	0
43	Extending the palmer algorithm to solve group flexible flow-shop problems. , 0, , .		0
44	Protecting Customer's Privacy in Querying Valuable Information Combined with E-Payment Scheme. , 0, , .		0
45	Performance improvement for the GGM-construction of pseudorandom functions. Applied Mathematics and Computation, 2006, 183, 486-490.	1.4	0
46	A Web-Based Authoring System Supporting Metadata. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	0
47	Computing the modular inverses is as simple as computing the GCDs. Finite Fields and Their Applications, 2008, 14, 65-75.	0.6	0
48	An Access Service Scheme with Anonymity for Ubiquitous Computing Based on Mobile IPv6. , 2008, , .		0
49	A Full Connection and Less Memory Usage Scheme for Distributed Sensor Networks. , 2008, , .		0
50	Efficient Vector Quantization Codebook Generation Based on Histogram Thresholding Algorithm. , 2008, , .		0
51	Cheating in (halftone-secret) visual cryptography: Analysis of blind authentication schemes. Journal of Visual Communication and Image Representation, 2022, 85, 103489.	1.7	0