Gwo-Boa Horng

List of Publications by Year
in descending order

51	949	567144	454834
papers	citations	15	30
		h-index	g-index
51	51	51	582
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cheating in (halftone-secret) visual cryptography: Analysis of blind authentication schemes. Journal of Visual Communication and Image Representation, 2022, 85, 103489.	1.7	0
2	Cloud evidence tracks of storage service linking with iOS systems. Journal of Supercomputing, 2021, 77, 77-94.	2.4	3
3	Very efficient variable-length codes for the lossless compression of VQ indices. Multimedia Tools and Applications, 2016, 75, 3537-3552.	2.6	3
4	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
5	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
6	Reversible Steganographic Method Using Complexity Control and Human Visual System. Computer Journal, 2015, 58, 2583-2594.	1.5	3
7	Accelerating DSA Signature Generation. Cryptologia, 2015, 39, 121-125.	0.4	2
8	Certificateless aggregate signature with efficient verification. Security and Communication Networks, 2015, 8, 2232-2243.	1.0	37
9	Cryptanalysis of some user identification schemes for distributed computer networks. International Journal of Communication Systems, 2014, 27, 2909-2917.	1.6	3
10	Privacy protection in on-line shopping for electronic documents. Information Sciences, 2014, 277, 321-326.	4.0	1
11	Encrypted signal-based reversible data hiding with public key cryptosystem. Journal of Visual Communication and Image Representation, 2014, 25, 1164-1170.	1.7	166
12	Cryptanalysis of a Provably Secure Certificateless Short Signature Scheme. Smart Innovation, Systems and Technologies, 2013, , 61-68.	0.5	1
13	Privacy Preserving Index for Encrypted Electronic Medical Records. Journal of Medical Systems, 2013, 37, 9992.	2.2	12
14	Visual secret sharing with cheating prevention revisited. , 2013, 23, 1496-1504.		17
15	Strong non€repudiation based on certificateless short signatures. IET Information Security, 2013, 7, 253-263.	1.1	8
16	A new authentication based cheating prevention scheme in Naor€"Shamir€™s visual cryptography. Journal of Visual Communication and Image Representation, 2012, 23, 1225-1233.	1.7	35
17	A Secure Integrated Medical Information System. Journal of Medical Systems, 2012, 36, 3103-3113.	2.2	9
18	An Authentication Scheme to Healthcare Security under Wireless Sensor Networks. Journal of Medical Systems, 2012, 36, 3649-3664.	2.2	21

#	Article	IF	Citations
19	Comment on "Cheating Prevention in Visual Cryptography" IEEE Transactions on Image Processing, 2012, 21, 3319-3323.	6.0	52
20	Secure Authentication Scheme for Supporting Healthcare in Wireless Sensor Networks. , 2012, , .		2
21	Privacy Protection in On-line Shopping for Electronic Documents. , 2009, , .		3
22	Timestamped Conjunctive Keyword-Searchable Public Key Encryption. , 2009, , .		3
23	A Fast VQ Codebook Generation Algorithm Based on Otsu Histogram Threshold. Fundamenta Informaticae, 2009, 91, 563-579.	0.3	6
24	A novel secret image sharing scheme for true-color images with size constraint. Information Sciences, 2009, 179, 3247-3254.	4.0	51
25	Computing the modular inverses is as simple as computing the GCDs. Finite Fields and Their Applications, 2008, 14, 65-75.	0.6	0
26	An Access Service Scheme with Anonymity for Ubiquitous Computing Based on Mobile IPv6. , 2008, , .		0
27	A Full Connection and Less Memory Usage Scheme for Distributed Sensor Networks. , 2008, , .		0
28	On generating meaningful shares in visual secret sharing scheme. Imaging Science Journal, 2008, 56, 49-55.	0.2	35
29	Efficient Vector Quantization Codebook Generation Based on Histogram Thresholding Algorithm. , 2008, , .		0
30	A server-aided signature scheme for mobile commerce. , 2007, , .		2
31	A Web-Based Authoring System Supporting Metadata. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	0
32	Protecting the Privacy of Users in Retrieving Valuable Information by a PIR Scheme with Mutual Authentication by RSA Signature Algorithm. , 2007, , .		2
33	Further refinement of pairing computation based on Miller's algorithm. Applied Mathematics and Computation, 2007, 189, 395-409.	1.4	3
34	A lightweight and anonymous copyright-protection protocol. Computer Standards and Interfaces, 2007, 29, 229-237.	3.8	9
35	A cheating prevention scheme for binary visual cryptography with homogeneous secret images. Pattern Recognition, 2007, 40, 2356-2366.	5.1	83
36	Performance improvement for the GGM-construction of pseudorandom functions. Applied Mathematics and Computation, 2006, 183, 486-490.	1.4	0

#	Article	IF	Citations
37	Cheating in Visual Cryptography. Designs, Codes, and Cryptography, 2006, 38, 219-236.	1.0	113
38	An Efficient Key-Update Scheme for Wireless Sensor Networks. Lecture Notes in Computer Science, 2006, , 1026-1029.	1.0	3
39	Remarks on some signature schemes based on factoring and discrete logarithms. Applied Mathematics and Computation, 2005, 169, 1070-1075.	1.4	8
40	An anonymous buyerâ€reseller watermarking protocol. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2005, 28, 535-538.	0.6	5
41	A Publicly Verifiable Copyright-Proving Scheme Resistant to Malicious Attacks. IEEE Transactions on Industrial Electronics, 2005, 52, 327-334.	5.2	103
42	Secure SAS-like password authentication schemes. Computer Standards and Interfaces, 2004, 27, 25-31.	3.8	16
43	An Efficient and Secure Protocol for Multi-party Key Establishment. Computer Journal, 2001, 44, 463-470.	1.5	20
44	Identification scheme based on Shamir's â€˜RSA for paranoidsâ€™. Electronics Letters, 1999, 35, 1941.	0.5	1
45	Solving polynomials by radicals with roots of unity in minimum depth. Mathematics of Computation, 1999, 68, 881-886.	1.1	0
46	An active attack on protocols for server-aided RSA signature computation. Information Processing Letters, 1998, 65, 71-73.	0.4	2
47	Weakness in the Helsinki protocol. Electronics Letters, 1998, 34, 354.	0.5	15
48	Key authentication scheme for cryptosystems based on discrete logarithms. Computer Communications, 1996, 19, 848-850.	3.1	30
49	Extending the palmer algorithm to solve group flexible flow-shop problems. , 0, , .		0
50	Protecting CustomerÂ's Privacy in Querying Valuable Information Combined with E-Payment Scheme. , 0, , .		0
51	A Key Renewal Scheme under the Power Consumption for Wireless Sensor Networks. , 0, , .		3