

Yu-Fang Chung

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

986
citations

567144

15
h-index

477173

29
g-index

64
all docs

64
docs citations

64
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	A Secure Authentication Scheme for Telecare Medicine Information Systems. Journal of Medical Systems, 2012, 36, 1529-1535.	2.2	214
2	Secure user authentication scheme for wireless healthcare sensor networks. Computers and Electrical Engineering, 2017, 59, 250-261.	3.0	102
3	Evaluating Self-Management Behaviors of Diabetic Patients in a Telehealthcare Program: Longitudinal Study Over 18 Months. Journal of Medical Internet Research, 2013, 15, e266.	2.1	63
4	Shielding wireless sensor network using Markovian intrusion detection system with attack pattern mining. Information Sciences, 2013, 231, 32-44.	4.0	45
5	A Password-Based User Authentication Scheme for the Integrated EPR Information System. Journal of Medical Systems, 2012, 36, 631-638.	2.2	38
6	The Enhancement of Security in Healthcare Information Systems. Journal of Medical Systems, 2012, 36, 1673-1688.	2.2	33
7	Design of a Wireless Sensor Network Platform for Tele-Homecare. Sensors, 2013, 13, 17156-17175.	2.1	31
8	Efficient migration for mobile computing in distributed networks. Computer Standards and Interfaces, 2009, 31, 40-47.	3.8	27
9	Hierarchical access control based on Chinese Remainder Theorem and symmetric algorithm. Computers and Security, 2002, 21, 565-570.	4.0	26
10	A Mobile Phone-Based Approach for Hearing Screening of School-Age Children: Cross-Sectional Validation Study. JMIR MHealth and UHealth, 2019, 7, e12033.	1.8	26
11	A conference key agreement protocol with fault-tolerant capability. Computer Standards and Interfaces, 2009, 31, 401-405.	3.8	25
12	Redactable Signatures for Signed CDA Documents. Journal of Medical Systems, 2012, 36, 1795-1808.	2.2	21
13	A Study on Agent-Based Secure Scheme for Electronic Medical Record System. Journal of Medical Systems, 2012, 36, 1345-1357.	2.2	19
14	Information Extraction for Tracking Liver Cancer Patients' Statuses: From Mixture of Clinical Narrative Report Types. Telemedicine Journal and E-Health, 2013, 19, 704-710.	1.6	19
15	A novel application of grey system theory to information security (Part I). Computer Standards and Interfaces, 2009, 31, 277-281.	3.8	18
16	An agent-based English auction protocol using Elliptic Curve Cryptosystem for mobile commerce. Expert Systems With Applications, 2011, 38, 9900-9907.	4.4	17
17	A Mobile Agent Approach for Secure Integrated Medical Information Systems. Journal of Medical Systems, 2012, 36, 2731-2741.	2.2	14
18	Efficient proxy multisignature schemes based on the elliptic curve cryptosystem. Computers and Security, 2003, 22, 527-534.	4.0	13

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19	Efficient migration access control for mobile agents. Computer Standards and Interfaces, 2009, 31, 1061-1068.	3.8	13
20	Digital multi-signature scheme based on the Elliptic Curve cryptosystem. Journal of Computer Science and Technology, 2004, 19, 570-573.	0.9	12
21	Development of a Decision Support Engine to Assist Patients with Hospital Selection. Journal of Medical Systems, 2014, 38, 59.	2.2	12
22	The effect of sales promotions on consumers' organic food response. British Food Journal, 2017, 119, 1247-1262.	1.6	12
23	An Information Technology Framework for Strengthening Telehealthcare Service Delivery. Telemedicine Journal and E-Health, 2012, 18, 596-603.	1.6	11
24	A Reliable User Authentication and Key Agreement Scheme for Web-Based Hospital-Acquired Infection Surveillance Information System. Journal of Medical Systems, 2012, 36, 2547-2555.	2.2	11
25	A traceable proxy multisignature scheme based on the elliptic curve cryptosystem. Applied Mathematics and Computation, 2004, 159, 137-145.	1.4	10
26	Approach to designing bribery-free and coercion-free electronic voting scheme. Journal of Systems and Software, 2009, 82, 2081-2090.	3.3	10
27	Deployment of Secure Mobile Agents for Medical Information Systems. Journal of Medical Systems, 2012, 36, 2493-2503.	2.2	10
28	A Secure Integrated Medical Information System. Journal of Medical Systems, 2012, 36, 3103-3113.	2.2	9
29	Mobile Agent Application and Integration in Electronic Anamnesis System. Journal of Medical Systems, 2012, 36, 1009-1020.	2.2	9
30	Secure PHR Access Control Scheme for Healthcare Application Clouds. , 2013, , .		9
31	Electronic voting systems for defending free will and resisting bribery and coercion based on ring anonymous signcryption scheme. Advances in Mechanical Engineering, 2017, 9, 168781401668719.	0.8	9
32	A practical authenticated encryption scheme based on the elliptic curve cryptosystem. Computer Standards and Interfaces, 2004, 26, 461-469.	3.8	8
33	Efficient Hierarchical Key Management Scheme for Access Control in the Mobile Agent. , 2008, , .		8
34	Machine learning approaches for the genomic prediction of rheumatoid arthritis and systemic lupus erythematosus. BioData Mining, 2021, 14, 52.	2.2	8
35	Implementation of Online Veterinary Hospital on Cloud Platform. Journal of Medical Systems, 2016, 40, 147.	2.2	7
36	An Implementation of Interactive Healthy Eating Index and Healthcare System on Mobile Platform in College Student Samples. IEEE Access, 2018, 6, 71651-71661.	2.6	7

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37	An efficient date-constraint hierarchical key management scheme for mobile agents. Expert Systems With Applications, 2010, 37, 7721-7728.	4.4	6
38	Detect Rare Events via MICE Algorithm with Optimal Threshold. , 2013, , .		5
39	The design of authentication key protocol in certificate-free public key cryptosystem. Security and Communication Networks, 2014, 7, 2125-2133.	1.0	5
40	Cloud Computing-Based Smart Home-Based Rehabilitation Nursing System for Early Intervention. Advanced Science Letters, 2014, 20, 218-221.	0.2	5
41	Elliptic Curve Cryptosystems-based Date-constrained Hierarchical Key Management Scheme in Internet of Things. Sensors and Materials, 2019, 31, 355.	0.3	5
42	A Reliable Dynamic User-Remote Password Authentication Scheme over Insecure Network. , 2012, , .		4
43	The Application of RFID Monitoring Technology to Patrol Management System in Petrochemical Industry. Wireless Personal Communications, 2014, 79, 1063-1088.	1.8	4
44	A Novel Assessment of Flexibility by Microcirculatory Signals. Sensors, 2014, 14, 478-491.	2.1	4
45	A hierarchical access control scheme based on Lagrange interpolation for mobile agents. International Journal of Distributed Sensor Networks, 2018, 14, 155014771879089.	1.3	4
46	An Architecture Model for Multiple Disease Management Information Systems. Journal of Medical Systems, 2013, 37, 9931.	2.2	3
47	Modified cryptographic key assignment scheme for overcoming the incorrectness of the CHW scheme. Applied Mathematics and Computation, 2004, 159, 147-155.	1.4	2
48	Modified cryptographic key assignment scheme for overcoming the incorrectness of the CHW scheme. , 2004, , .		2
49	Patrol management system applying RFID to petrochemical industry. , 2013, , .		2
50	An Efficient Hierarchical Key Management Scheme for Access Medical Database. , 2017, , .		2
51	An Implementation of Efficient Hierarchical Access Control Method for VR/AR Platform. , 2018, , .		2
52	Secure authorization for controlling access via key management scheme. , 2013, , .		1
53	An Agent-Based Auction Protocol on Mobile Devices. Journal of Applied Mathematics, 2014, 2014, 1-11.	0.4	1
54	An Agent-Based English Auction Protocol Using Elliptic Curve Cryptosystem for Mobile Commerce. Lecture Notes in Computer Science, 2009, , 214-225.	1.0	1

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55	Effects of Low-Intensity Exercise Training on Tissue Oxygen Saturation of Lower-Extremity in Community-Dwelling Older Adults. IFMBE Proceedings, 2015, , 130-133.	0.2	1
56	Improving inpatient fall prevention strategies using interactive data repository information system. Studies in Health Technology and Informatics, 2014, 201, 87-93.	0.2	1
57	Hierarchical Time-Bound Key Management for Mobile Agents. Lecture Notes in Computer Science, 2009, , 242-253.	1.0	0
58	Access Control and Key Management Scheme Based on Bilinear Pairings over Elliptic Curves for Mobile Agent. , 2009, , .		0
59	A Physician Order Category-Based Clinical Guideline Comparison System. Journal of Medical Systems, 2012, 36, 3741-3753.	2.2	0
60	Access Scheme for Controlling Mobile Agents and its Application to Share Medical Information. Journal of Medical Systems, 2016, 40, 119.	2.2	0
61	An Efficient Threshold Signature Scheme Resistible to Conspiracy Attack. Applied Mathematics and Information Sciences, 2014, 8, 3027-3032.	0.7	0
62	The efficient one-time password authentication scheme for resisting off-line guessing attacks. , 2016, , 1099-1103.		0
63	Interactive Sound Generation to Aid Visually Impaired People via Object Detection Using Touch Screen Sensor. Sensors and Materials, 2021, 33, 4057.	0.3	0