Yu-Fang Chung

List of Publications by Year
in descending order

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	Interactive Sound Generation to Aid Visually Impaired People via Object Detection Using Touch Screen Sensor. Sensors and Materials, 2021, 33, 4057.	0.3	0
2	Machine learning approaches for the genomic prediction of rheumatoid arthritis and systemic lupus erythematosus. BioData Mining, 2021, 14, 52.	2.2	8
3	Elliptic Curve Cryptosystems-based Date-constrained Hierarchical Key Management Scheme in Internet of Things. Sensors and Materials, 2019, 31, 355.	0.3	5
4	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
5	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
6	A hierarchical access control scheme based on Lagrange interpolation for mobile agents. International Journal of Distributed Sensor Networks, 2018, 14, 155014771879089.	1.3	4
7	An Implementation of Efficient Hierarchical Access Control Method for VR/AR Platform. , 2018, , .		2
8	Secure user authentication scheme for wireless healthcare sensor networks. Computers and Electrical Engineering, 2017, 59, 250-261.	3.0	102
9	The effect of sales promotions on consumers' organic food response. British Food Journal, 2017, 119, 1247-1262.	1.6	12
10	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
11	An Efficient Hierarchical Key Management Scheme for Access Medical Database. , 2017, , .		2
12	Implementation of Online Veterinary Hospital on Cloud Platform. Journal of Medical Systems, 2016, 40, 147.	2.2	7
13	Access Scheme for Controlling Mobile Agents and its Application to Share Medical Information. Journal of Medical Systems, 2016, 40, 119.	2.2	0
14	The efficient one-time password authentication scheme for resisting off-line guessing attacks. , 2016, , 1099-1103.		0
15	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
16	An Agent-Based Auction Protocol on Mobile Devices. Journal of Applied Mathematics, 2014, 2014, 1-11.	0.4	1
17	The Application of RFID Monitoring Technology to Patrol Management System in Petrochemical Industry. Wireless Personal Communications, 2014, 79, 1063-1088.	1.8	4
18	A Novel Assessment of Flexibility by Microcirculatory Signals. Sensors, 2014, 14, 478-491.	2.1	4

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19	Development of a Decision Support Engine to Assist Patients with Hospital Selection. Journal of Medical Systems, 2014, 38, 59.	2.2	12
20	The design of authentication key protocol in certificate-free public key cryptosystem. Security and Communication Networks, 2014, 7, 2125-2133.	1.0	5
21	Cloud Computing-Based Smart Home-Based Rehabilitation Nursing System for Early Intervention. Advanced Science Letters, 2014, 20, 218-221.	0.2	5
22	An Efficient Threshold Signature Scheme Resistible to Conspiracy Attack. Applied Mathematics and Information Sciences, 2014, 8, 3027-3032.	0.7	0
23	Improving inpatient fall prevention strategies using interactive data repository information system. Studies in Health Technology and Informatics, 2014, 201, 87-93.	0.2	1
24	Secure PHR Access Control Scheme for Healthcare Application Clouds. , 2013, , .		9
25	Shielding wireless sensor network using Markovian intrusion detection system with attack pattern mining. Information Sciences, 2013, 231, 32-44.	4.0	45
26	An Architecture Model for Multiple Disease Management Information Systems. Journal of Medical Systems, 2013, 37, 9931.	2.2	3
27	Detect Rare Events via MICE Algorithm with Optimal Threshold. , 2013, , .		5
28	Design of a Wireless Sensor Network Platform for Tele-Homecare. Sensors, 2013, 13, 17156-17175.	2.1	31
29	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
30	Patrol management system applying RFID to petrochemical industry. , 2013, , .		2
31	Secure authorization for controlling access via key management scheme. , 2013, , .		1
32	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
33	An Information Technology Framework for Strengthening Telehealthcare Service Delivery. Telemedicine Journal and E-Health, 2012, 18, 596-603.	1.6	11
34	A Mobile Agent Approach for Secure Integrated Medical Information Systems. Journal of Medical Systems, 2012, 36, 2731-2741.	2.2	14
35	A Secure Integrated Medical Information System. Journal of Medical Systems, 2012, 36, 3103-3113.	2.2	9
36	A Physician Order Category-Based Clinical Guideline Comparison System. Journal of Medical Systems, 2012, 36, 3741-3753.	2.2	0

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37	A Reliable Dynamic User-Remote Password Authentication Scheme over Insecure Network. , 2012, , .		4
38	A Password-Based User Authentication Scheme for the Integrated EPR Information System. Journal of Medical Systems, 2012, 36, 631-638.	2.2	38
39	Mobile Agent Application and Integration in Electronic Anamnesis System. Journal of Medical Systems, 2012, 36, 1009-1020.	2.2	9
40	A Study on Agent-Based Secure Scheme for Electronic Medical Record System. Journal of Medical Systems, 2012, 36, 1345-1357.	2.2	19
41	A Secure Authentication Scheme for Telecare Medicine Information Systems. Journal of Medical Systems, 2012, 36, 1529-1535.	2.2	214
42	The Enhancement of Security in Healthcare Information Systems. Journal of Medical Systems, 2012, 36, 1673-1688.	2.2	33
43	Redactable Signatures for Signed CDA Documents. Journal of Medical Systems, 2012, 36, 1795-1808.	2.2	21
44	Deployment of Secure Mobile Agents for Medical Information Systems. Journal of Medical Systems, 2012, 36, 2493-2503.	2.2	10
45	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
46	An agent-based English auction protocol using Elliptic Curve Cryptosystem for mobile commerce. Expert Systems With Applications, 2011, 38, 9900-9907.	4.4	17
47	An efficient date-constraint hierarchical key management scheme for mobile agents. Expert Systems With Applications, 2010, 37, 7721-7728.	4.4	6
48	Efficient migration for mobile computing in distributed networks. Computer Standards and Interfaces, 2009, 31, 40-47.	3.8	27
49	A novel application of grey system theory to information security (Part I). Computer Standards and Interfaces, 2009, 31, 277-281.	3.8	18
50	A conference key agreement protocol with fault-tolerant capability. Computer Standards and Interfaces, 2009, 31, 401-405.	3.8	25
51	Efficient migration access control for mobile agents. Computer Standards and Interfaces, 2009, 31, 1061-1068.	3.8	13
52	Approach to designing bribery-free and coercion-free electronic voting scheme. Journal of Systems and Software, 2009, 82, 2081-2090.	3.3	10
53	Hierarchical Time-Bound Key Management for Mobile Agents. Lecture Notes in Computer Science, 2009, , 242-253.	1.0	0
54	Access Control and Key Management Scheme Based on Bilinear Pairings over Elliptic Curves for Mobile Agent. , 2009, , .		0

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55	An Agent-Based English Auction Protocol Using Elliptic Curve Cryptosystem for Mobile Commerce. Lecture Notes in Computer Science, 2009, , 214-225.	1.0	1
56	Efficient Hierarchical Key Management Scheme for Access Control in the Mobile Agent. , 2008, , .		8
57	A practical authenticated encryption scheme based on the elliptic curve cryptosystem. Computer Standards and Interfaces, 2004, 26, 461-469.	3.8	8
58	Digital multi-signature scheme based on the Elliptic Curve cryptosystem. Journal of Computer Science and Technology, 2004, 19, 570-573.	0.9	12
59	Modified cryptographic key assignment scheme for overcoming the incorrectness of the CHW scheme. Applied Mathematics and Computation, 2004, 159, 147-155.	1.4	2
60	A traceable proxy multisignature scheme based on the elliptic curve cryptosystem. Applied Mathematics and Computation, 2004, 159, 137-145.	1.4	10
61	Modified cryptographic key assignment scheme for overcoming the incorrectness of the CHW scheme. , 2004, , .		2
62	Efficient proxy multisignature schemes based on the elliptic curve cryptosystem. Computers and Security, 2003, 22, 527-534.	4.0	13
63	Hierarchical access control based on Chinese Remainder Theorem and symmetric algorithm. Computers and Security, 2002, 21, 565-570.	4.0	26