

M L Mat Kiah

List of Publications by Year in descending order

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93
papers

4,424
citations

109264

35
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110317

64
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102
all docs

102
docs citations

102
times ranked

3867
citing authors

#	ARTICLE	IF	CITATIONS
1	BYOD Policy Compliance: Risks and Strategies in Organizations. Journal of Computer Information Systems, 2022, 62, 61-72.	2.0	22
2	Authenticated Encryption Schemes: A Systematic Review. IEEE Access, 2022, 10, 14739-14766.	2.6	10
3	Parallel Sponge-Based Authenticated Encryption With Side-Channel Protection and Adversary-Invisible Nonces. IEEE Access, 2022, 10, 50819-50838.	2.6	1
4	Wireless backhaul network's capacity optimization using time series forecasting approach. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 1407-1418.	3.3	0
5	A systematic review of PIN-entry methods resistant to shoulder-surfing attacks. Computers and Security, 2021, 101, 102116.	4.0	17
6	A Frictionless and Secure User Authentication in Web-Based Premium Applications. IEEE Access, 2021, 9, 129240-129255.	2.6	3
7	Machine learning-based offline signature verification systems: A systematic review. Signal Processing: Image Communication, 2021, 93, 116139.	1.8	23
8	A systematic review on sensor-based driver behaviour studies: coherent taxonomy, motivations, challenges, recommendations, substantial analysis and future directions. PeerJ Computer Science, 2021, 7, e632.	2.7	11
9	Game Theory Analysis and Modeling of Sophisticated Multi-Collusion Attack in MANETs. IEEE Access, 2021, 9, 61778-61792.	2.6	4
10	Information System Audit for Mobile Device Security Assessment. , 2021, , .		2
11	Investigating the Effect of Social and Cultural Factors on Drivers in Malaysia: A Naturalistic Driving Study. International Journal of Environmental Research and Public Health, 2021, 18, 11740.	1.2	4
12	BYOD Security Risks and Mitigation Strategies: Insights from IT Security Experts. Journal of Organizational Computing and Electronic Commerce, 2021, 31, 320-342.	1.0	4
13	Performance Evaluation and Validation of QCM (Query Control Mechanism) for QoS-Enabled Layered-Based Clustering for Reactive Flooding in the Internet of Things. Sensors, 2020, 20, 283.	2.1	4
14	DM-GKM: A key management scheme for dynamic group based applications. Computer Networks, 2020, 182, 107476.	3.2	6
15	Compliance with bring your own device security policies in organizations: A systematic literature review. Computers and Security, 2020, 98, 101998.	4.0	18
16	A Dynamic Threshold Calculation for Congestion Notification in IEEE 802.1Qbb. IEEE Communications Letters, 2020, 24, 744-747.	2.5	1
17	Capacity and Frequency Optimization of Wireless Backhaul Network Using Traffic Forecasting. IEEE Access, 2020, 8, 23264-23276.	2.6	20
18	Towards Secure FinTech: A Survey, Taxonomy, and Open Research Challenges. IEEE Access, 2020, 8, 23391-23406.	2.6	64

#	ARTICLE	IF	CITATIONS
19	Review on Security of Internet of Things Authentication Mechanism. IEEE Access, 2019, 7, 151054-151089.	2.6	97
20	Modeling Traffic Congestion Based on Air Quality for Greener Environment: An Empirical Study. IEEE Access, 2019, 7, 57100-57119.	2.6	23
21	Comprehensive review and analysis of anti-malware apps for smartphones. Telecommunication Systems, 2019, 72, 285-337.	1.6	57
22	QoS Enabled Layered Based Clustering for Reactive Flooding in the Internet of Things. Symmetry, 2019, 11, 634.	1.1	3
23	Real-time-based E-health systems: design and implementation of a lightweight key management protocol for securing sensitive information of patients. Health and Technology, 2019, 9, 93-111.	2.1	26
24	User Profiling in Anomaly Detection of Authorization Logs. Lecture Notes in Electrical Engineering, 2019, , 59-65.	0.3	5
25	ENHANCEMENT OF CYBERSECURITY AWARENESS PROGRAM ON PERSONAL DATA PROTECTION AMONG YOUNGSTERS IN MALAYSIA: AN ASSESSMENT. Malaysian Journal of Computer Science, 2019, 32, 221-245.	0.5	5
26	A security framework for mHealth apps on Android platform. Computers and Security, 2018, 75, 191-217.	4.0	84
27	Host mobility key management in dynamic secure group communication. Wireless Networks, 2018, 24, 3009-3027.	2.0	9
28	Wireless Backhaul Network Optimization Using Automated KPIs Monitoring System Based on Time Series Forecasting. , 2018, , .		1
29	Comparative study of congestion notification techniques for hopâ€šbyâ€šhopâ€šbased flow control in data centre Ethernet. IET Networks, 2018, 7, 248-257.	1.1	4
30	Blockchain Technology the Identity Management and Authentication Service Disruptor: A Survey. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1735-1745.	0.2	101
31	A distributed framework for health information exchange using smartphone technologies. Journal of Biomedical Informatics, 2017, 69, 230-250.	2.5	73
32	A review of smart home applications based on Internet of Things. Journal of Network and Computer Applications, 2017, 97, 48-65.	5.8	419
33	Economic denial of sustainability (EDoS) mitigation approaches in cloud: Analysis and open challenges. , 2017, , .		12
34	EDoS eye: A game theoretic approach to mitigate economic denial of sustainability attack in cloud computing. , 2017, , .		13
35	Security Issues and Future Challenges of Cloud Service Authentication. Acta Polytechnica Hungarica, 2017, 14, .	2.5	5
36	Service delivery models of cloud computing: security issues and open challenges. Security and Communication Networks, 2016, 9, 4726-4750.	1.0	18

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37	On cloud security attacks: A taxonomy and intrusion detection and prevention as a service. <i>Journal of Network and Computer Applications</i> , 2016, 74, 98-120.	5.8	202
38	The rise of keyloggers on smartphones: A survey and insight into motion-based tap inference attacks. <i>Pervasive and Mobile Computing</i> , 2016, 25, 1-25.	2.1	59
39	RAIRS2 a new expert system for diagnosing tuberculosis with real-world tournament selection mechanism inside artificial immune recognition system. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 385-399.	1.6	11
40	Soft-Computing Methodologies for Precipitation Estimation: A Case Study. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 1353-1358.	2.3	24
41	Key management paradigm for mobile secure group communications: Issues, solutions, and challenges. <i>Computer Communications</i> , 2015, 72, 1-16.	3.1	12
42	Survey of secure multipath routing protocols for WSNs. <i>Journal of Network and Computer Applications</i> , 2015, 55, 123-153.	5.8	35
43	Forecasting of consumers heat load in district heating systems using the support vector machine with a discrete wavelet transform algorithm. <i>Energy</i> , 2015, 87, 343-351.	4.5	83
44	Toward secure group communication in wireless mobile environments: Issues, solutions, and challenges. <i>Journal of Network and Computer Applications</i> , 2015, 50, 1-14.	5.8	21
45	A systematic review of approaches to assessing cybersecurity awareness. <i>Kybernetes</i> , 2015, 44, 606-622.	1.2	53
46	Multi-criteria analysis for OS-EMR software selection problem: A comparative study. <i>Decision Support Systems</i> , 2015, 78, 15-27.	3.5	116
47	Co-FQL: Anomaly detection using cooperative fuzzy Q-learning in network. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 28, 1345-1357.	0.8	13
48	Robust Pornography Classification Solving the Image Size Variation Problem Based on Multi-Agent Learning. <i>Journal of Circuits, Systems and Computers</i> , 2015, 24, 1550023.	1.0	17
49	Evaluation and selection of open-source EMR software packages based on integrated AHP and TOPSIS. <i>Journal of Biomedical Informatics</i> , 2015, 53, 390-404.	2.5	159
50	A Security Framework for Nationwide Health Information Exchange based on Telehealth Strategy. <i>Journal of Medical Systems</i> , 2015, 39, 51.	2.2	67
51	A Cloud-Manager-Based Re-Encryption Scheme for Mobile Users in Cloud Environment: a Hybrid Approach. <i>Journal of Grid Computing</i> , 2015, 13, 651-675.	2.5	25
52	The landscape of research on smartphone medical apps: Coherent taxonomy, motivations, open challenges and recommendations. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 122, 393-408.	2.6	114
53	Meeting the Security Requirements of Electronic Medical Records in the ERA of High-Speed Computing. <i>Journal of Medical Systems</i> , 2015, 39, 165.	2.2	49
54	Potential of support vector regression for optimization of lens system. <i>CAD Computer Aided Design</i> , 2015, 62, 57-63.	1.4	10

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55	Appraisal of adaptive neuro-fuzzy computing technique for estimating anti-obesity properties of a medicinal plant. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 118, 69-76.	2.6	21
56	Decreasing environmental impacts of cropping systems using life cycle assessment (LCA) and multi-objective genetic algorithm. <i>Journal of Cleaner Production</i> , 2015, 86, 67-77.	4.6	66
57	Adaptive neuro-fuzzy prediction of grasping object weight for passively compliant gripper. <i>Applied Soft Computing Journal</i> , 2014, 22, 424-431.	4.1	27
58	Incremental proxy re-encryption scheme for mobile cloud computing environment. <i>Journal of Supercomputing</i> , 2014, 68, 624-651.	2.4	79
59	Cooperative game theoretic approach using fuzzy Q-learning for detecting and preventing intrusions in wireless sensor networks. <i>Engineering Applications of Artificial Intelligence</i> , 2014, 32, 228-241.	4.3	139
60	Calculation of optimal induction heater capacitance based on the smart bacterial foraging algorithm. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 61, 326-334.	3.3	6
61	Adaptive neuro-fuzzy estimation of optimal lens system parameters. <i>Optics and Lasers in Engineering</i> , 2014, 55, 84-93.	2.0	33
62	Routing protocol design for secure WSN: Review and open research issues. <i>Journal of Network and Computer Applications</i> , 2014, 41, 517-530.	5.8	82
63	D-FICCA: A density-based fuzzy imperialist competitive clustering algorithm for intrusion detection in wireless sensor networks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 55, 212-226.	2.5	94
64	Adaptive neuro-fuzzy maximal power extraction of wind turbine with continuously variable transmission. <i>Energy</i> , 2014, 64, 868-874.	4.5	190
65	BSS: block-based sharing scheme for secure data storage services in mobile cloud environment. <i>Journal of Supercomputing</i> , 2014, 70, 946-976.	2.4	52
66	Modulation transfer function estimation of optical lens system by adaptive neuro-fuzzy methodology. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2014, 117, 121-131.	0.2	5
67	Open source EMR software: Profiling, insights and hands-on analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 117, 360-382.	2.6	66
68	Design and Develop a Video Conferencing Framework for Real-Time Telemedicine Applications Using Secure Group-Based Communication Architecture. <i>Journal of Medical Systems</i> , 2014, 38, 133.	2.2	58
69	MIRASS: Medical Informatics Research Activity Support System Using Information Mashup Network. <i>Journal of Medical Systems</i> , 2014, 38, 37.	2.2	28
70	Co-FAIS: Cooperative fuzzy artificial immune system for detecting intrusion in wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2014, 42, 102-117.	5.8	88
71	Support vector regression methodology for wind turbine reaction torque prediction with power-split hydrostatic continuous variable transmission. <i>Energy</i> , 2014, 67, 623-630.	4.5	113
72	Adaptive neuro-fuzzy optimization of wind farm project net profit. <i>Energy Conversion and Management</i> , 2014, 80, 229-237.	4.4	30

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73	Sensorless estimation of wind speed by adaptive neuro-fuzzy methodology. International Journal of Electrical Power and Energy Systems, 2014, 62, 490-495.	3.3	34
74	A cooperative expert based support vector regression (Co-ESVR) system to determine collar dimensions around bridge pier. Neurocomputing, 2014, 140, 172-184.	3.5	25
75	Tuberculosis Disease Diagnosis Using Artificial Immune Recognition System. International Journal of Medical Sciences, 2014, 11, 508-514.	1.1	34
76	A more secure and scalable routing protocol for mobile ad hoc networks. Security and Communication Networks, 2013, 6, 286-308.	1.0	5
77	An appraisal and design of a multi-agent system based cooperative wireless intrusion detection computational intelligence technique. Engineering Applications of Artificial Intelligence, 2013, 26, 2105-2127.	4.3	109
78	Enhanced dynamic credential generation scheme for protection of user identity in mobile-cloud computing. Journal of Supercomputing, 2013, 66, 1687-1706.	2.4	44
79	An Enhanced Security Solution for Electronic Medical Records Based on AES Hybrid Technique with SOAP/XML and SHA-1. Journal of Medical Systems, 2013, 37, 9971.	2.2	52
80	Suitability of adopting S/MIME and OpenPGP email messages protocol to secure electronic medical records. , 2013, , .		16
81	Towards secure mobile cloud computing: A survey. Future Generation Computer Systems, 2013, 29, 1278-1299.	4.9	289
82	A study of incremental cryptography for security schemes in mobile cloud computing environments. , 2013, , .		13
83	A review of dynamic and intelligent honeypots. ScienceAsia, 2013, 39S, 1.	0.2	6
84	Increased capacity of image based steganography using artificial neural network. , 2012, , .		9
85	Impact of Data Privacy and Confidentiality on Developing Telemedicine Applications: A Review Participates Opinion and Expert Concerns. International Journal of Pharmacology, 2011, 7, 382-387.	0.1	56
86	Secure Topology for Electronic Medical Record Transmissions. International Journal of Pharmacology, 2010, 6, 954-958.	0.1	33
87	Suitability of Using SOAP Protocol to Secure Electronic Medical Record Databases Transmission. International Journal of Pharmacology, 2010, 6, 959-964.	0.1	42
88	High Rate Video Streaming Steganography. , 2009, , .		22
89	New Schema for Admission Control in WIMAX Relay Station Mesh Network for Mobile Stations out of Coverage Using Ad-Hoc. , 2009, , .		0
90	High Rate Video Streaming Steganography. , 2009, , .		5

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91	A Scalable Secure Routing Protocol for MANETs. , 2009, , .		2
92	A Novel Embedding Method to Increase Capacity and Robustness of Low-bit Encoding Audio Steganography Technique Using Noise Gate Software Logic Algorithm. Journal of Applied Sciences, 2009, 10, 59-64.	0.1	63
93	Host Mobility Protocol for Secure Group Communication in Wireless Mobile Environments. , 2007, , .		22