

Ali Miri

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

1,107
citations

759055

12
h-index

610775

24
g-index

90
all docs

90
docs citations

90
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	Iterative Boolean combination of classifiers in the ROC space: An application to anomaly detection with HMMs. Pattern Recognition, 2010, 43, 2732-2752.	5.1	102
2	A survey of techniques for incremental learning of HMM parameters. Information Sciences, 2012, 197, 105-130.	4.0	78
3	Using the Extreme Learning Machine (ELM) technique for heart disease diagnosis. , 2015, , .		61
4	Fast and Flexible Elliptic Curve Point Arithmetic over Prime Fields. IEEE Transactions on Computers, 2008, 57, 289-302.	2.4	52
5	Privacy-preserving back-propagation and extreme learning machine algorithms. Data and Knowledge Engineering, 2012, 79-80, 40-61.	2.1	47
6	Area-Efficient FIR Filter Design on FPGAs using Distributed Arithmetic. , 2006, , .		41
7	Privacy preserving ID3 using Gini Index over horizontally partitioned data. , 2008, , .		40
8	On the memory complexity of the forwardâ€“backward algorithm. Pattern Recognition Letters, 2010, 31, 91-99.	2.6	39
9	Fractal analysis of surface electromyography signals: A novel power spectrum-based method. Journal of Electromyography and Kinesiology, 2009, 19, 840-850.	0.7	38
10	Adaptive ROC-based ensembles of HMMs applied to anomaly detection. Pattern Recognition, 2012, 45, 208-230.	5.1	37
11	On defending against label flipping attacks on malware detection systems. Neural Computing and Applications, 2020, 32, 14781-14800.	3.2	37
12	New Composite Operations and Precomputation Scheme for Elliptic Curve Cryptosystems over Prime Fields. , 2008, , 229-247.		34
13	A Lempelâ€“Ziv complexity measure for muscle fatigue estimation. Journal of Electromyography and Kinesiology, 2011, 21, 236-241.	0.7	33
14	Fatigue estimation using a novel multi-fractal detrended fluctuation analysis-based approach. Journal of Electromyography and Kinesiology, 2010, 20, 433-439.	0.7	24
15	An IoT trust and reputation model based on recommender systems. , 2016, , .		23
16	A secure data deduplication framework for cloud environments. , 2012, , .		21
17	Using ELM Techniques to Predict Data Centre VM Requests. , 2015, , .		19
18	Role-based multiple controllers for load balancing and security in SDN. , 2015, , .		18

#	ARTICLE	IF	CITATIONS
19	Combining Attribute-Based and Access Systems. , 2009, , .		16
20	An Efficient Conjunctive Keyword and Phase Search Scheme for Encrypted Cloud Storage Systems. , 2015, , .		16
21	A Sybil Resistant IoT Trust Model Using Blockchains. , 2018, , .		16
22	NTRU over rings beyond \mathbb{Z} . Designs, Codes, and Cryptography, 2010, 56, 65-78.	1.0	15
23	A new image encryption algorithm based on a chaotic DNA substitution method. , 2012, , .		14
24	Incremental learning of privacy-preserving Bayesian networks. Applied Soft Computing Journal, 2013, 13, 3657-3667.	4.1	13
25	CP2: Cryptographic privacy protection framework for online social networks. Computers and Electrical Engineering, 2013, 39, 2282-2298.	3.0	13
26	Online Social Network with flexible and dynamic privacy policies. , 2011, , .		11
27	Privacy-preserving protocols for perceptron learning algorithm in neural networks. , 2008, , .		10
28	A comparison of techniques for on-line incremental learning of HMM parameters in anomaly detection. , 2009, , .		10
29	A Tag Count Estimation Algorithm for Dynamic Framed ALOHA Based RFID MAC Protocols. , 2011, , .		10
30	End-to-End QoS Prediction of Vertical Service Composition in the Cloud. , 2015, , .		10
31	Multiplicative multi-fractal modeling of electromyography signals for discerning neuropathic conditions. Journal of Electromyography and Kinesiology, 2010, 20, 1244-1248.	0.7	9
32	Energy-consumption clustering in cloud data centre. , 2016, , .		9
33	Lightweight mutual RFID authentication. , 2012, , .		8
34	A Low Storage Phase Search Scheme Based on Bloom Filters for Encrypted Cloud Services. , 2015, , .		8
35	Automatic Clustering of Attacks in Intrusion Detection Systems. , 2019, , .		8
36	A Flexible Design of Filterbank Architectures for Discrete Wavelet Transforms. , 2007, , .		7

#	ARTICLE	IF	CITATIONS
37	Secure two and multi-party association rule mining. , 2009, , .		7
38	Boolean Combination of Classifiers in the ROC Space. , 2010, , .		7
39	Secure Enterprise Data Deduplication in the Cloud. , 2013, , .		7
40	PESCA: a peer-to-peer social network architecture with privacy-enabled social communication and data availability. IET Information Security, 2015, 9, 73-80.	1.1	7
41	A Secure Video Deduplication Scheme in Cloud Storage Environments Using H.264 Compression. , 2015, , .		7
42	Proof of Retrieval and Ownership Protocols for Images through SPIHT Compression. , 2014, , .		6
43	Efficient pairing-free, certificateless two-party authenticated key agreement protocol for grid computing. , 2014, , .		6
44	Proof of Storage for Video Deduplication in the Cloud. , 2015, , .		6
45	Secure Dot-product Protocol Using Trace Functions. , 2006, , .		5
46	An improved watermarking technique for multi-user, multi-right environments. Multimedia Tools and Applications, 2009, 42, 161-181.	2.6	5
47	Chaotic masking for securing RFID systems against relay attacks. Security and Communication Networks, 2013, 6, 1496-1508.	1.0	5
48	End-to-end QoS mapping and aggregation for selecting cloud services. , 2014, , .		5
49	An Extreme Learning Machine (ELM) Predictor for Electric Arc Furnaces' v-i Characteristics. , 2015, , .		5
50	End-to-End QoS Prediction Model of Vertically Composed Cloud Services via Tensor Factorization. , 2015, , .		5
51	Real-Time Energy-Conserving VM-Provisioning Framework for Cloud-Data Centers. , 2019, , .		5
52	Application of Blockchain to Patient-Centric Access Control in Medical Data Management Systems. , 2019, , .		5
53	Unitary Space-Time Constellation Designs From Group Codes. IEEE Transactions on Information Theory, 2007, 53, 4322-4329.	1.5	4
54	DiSEL: A Distance Based Slot Selection Protocol for Framed Slotted ALOHA RFID Systems. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
55	Secure image data deduplication through compressive sensing. , 2016, , .		4
56	Incremental Boolean Combination of Classifiers. Lecture Notes in Computer Science, 2011, , 340-349.	1.0	4
57	A New Unitary Space-Time Code with High Diversity Product. IEEE Transactions on Wireless Communications, 2006, 5, 3045-3049.	6.1	3
58	Analysis of the Use of Privacy-Enhancing Technologies to Achieve PIPEDA Compliance in a B2C e-Business Model. , 2007, , .		3
59	Affine Reflection Group Codes. IEEE Transactions on Information Theory, 2008, 54, 441-454.	1.5	3
60	DEFF: a new architecture for private online social networks. Security and Communication Networks, 2013, 6, 1460-1470.	1.0	3
61	A universal unit for measuring clouds. , 2015, , .		3
62	Scanning for Viruses on Encrypted Cloud Storage. , 2016, , .		3
63	A New Gradual Secret Sharing Scheme with Diverse Access Structure. Wireless Personal Communications, 2018, 99, 1329-1344.	1.8	3
64	A Systematic Cloud Workload Clustering Technique in Large Scale Data Centers. , 2019, , .		3
65	A static VM placement and hybrid job scheduling model for green data centers. PLoS ONE, 2020, 15, e0237238.	1.1	3
66	Replication management in peer-to-peer cloud storage systems. Cluster Computing, 2022, 25, 401-416.	3.5	3
67	Hierarchical time-based information release. International Journal of Information Security, 2006, 5, 92-104.	2.3	2
68	Forward-link authentication for RFIDs. , 2010, , .		2
69	On the hardware design and implementation of a chaos-based RFID authentication and watermarking scheme. , 2012, , .		2
70	A Combined Solution for Conjunctive Keyword Search, Phrase Search and Auditing for Encrypted Cloud Storage. , 2016, , .		2
71	Output and Input Data Perturbations for Differentially Private Databases. , 2019, , .		2
72	Automated Identification of Over-Privileged SmartThings Apps. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
73	Optimal secure data retrieval using an oblivious transfer scheme. , 0, , .		1
74	Effects of Force and Joint Angle on Fractal Parameters of the Myoelectric Signal. , 2006, 2006, 3423-6.		1
75	Privacy preserving database access through dynamic privacy filters with stable data randomization. , 2007, , .		1
76	Multiple symbol detection for differential unitary space-time modulation using a stack algorithm. , 2008, , .		1
77	Efficient decoding algorithm for affine reflection group codes of rank 2. , 2008, , .		1
78	A Computationally Efficient HMM-Based Handwriting Verification System. , 2008, , .		1
79	Forward secure identity-based key agreement for dynamic groups. , 2011, , .		1
80	On efficient decoding for the Fuzzy Vault scheme. , 2012, , .		1
81	SSD: Cache or Tier an Evaluation of SSD Cost and Efficiency using MapReduce. , 2019, , .		1
82	Applications of representation theory to wireless communications. Designs, Codes, and Cryptography, 2006, 41, 307-318.	1.0	0
83	Unitary Space-Time Group Codes: Diversity Sums From Character Tables. IEEE Transactions on Information Theory, 2008, 54, 5203-5210.	1.5	0
84	Backward Link Authentication For RFID tags. , 2011, , .		0
85	An Analysis of the Security of Compressed Sensing Using an Artificial Neural Network. , 2017, , .		0
86	Cryptographically Enforced Access Control in Blockchain-Based Platforms. , 2019, , .		0
87	HMM Optimized Modeling of SSD Storage for I/O MapReduce Workloads. , 2019, , .		0
88	Effects of Force and Joint Angle on Fractal Parameters of the Myoelectric Signal. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
89	Resilience of GANs against Adversarial Attacks. , 2022, , .		0