

# Tran Khanh Dang

## List of Publications by Year in descending order

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Version: 2024-02-01

95  
papers

724  
citations

759055

12  
h-index

794469

19  
g-index

108  
all docs

108  
docs citations

108  
times ranked

376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancelable fuzzy vault with periodic transformation for biometric template protection. IET Biometrics, 2016, 5, 229-235.	1.6	34
2	A Lightweight Indexing Approach for Efficient Batch Similarity Processing with MapReduce. SN Computer Science, 2020, 1, 1.	2.3	34
3	Two Novel Adaptive Symbolic Representations for Similarity Search in Time Series Databases. , 2010, , .		28
4	Rew-XAC: An Approach to Rewriting Request for Elastic ABAC Enforcement with Dynamic Policies. , 2016, , .		27
5	REW-SMT: A New Approach for Rewriting XACML Request with Dynamic Big Data Security Policies. Lecture Notes in Computer Science, 2017, , 501-515.	1.0	26
6	Security and Privacy Issues in Deep Learning: A Brief Review. SN Computer Science, 2020, 1, 1.	2.3	25
7	Using JSON to Specify Privacy Preserving-Enabled Attribute-Based Access Control Policies. Lecture Notes in Computer Science, 2017, , 561-570.	1.0	22
8	Enhanced security in internet voting protocol using blind signature and dynamic ballots. Electronic Commerce Research, 2013, 13, 257-272.	3.0	21
9	Differential Privacy in Deep Learning: An Overview. , 2019, , .		21
10	A pragmatic elliptic curve cryptography-based extension for energy-efficient device-to-device communications in smart cities. Sustainable Cities and Society, 2020, 56, 102097.	5.1	21
11	A survey on security visualization techniques for web information systems. International Journal of Web Information Systems, 2013, 9, 6-31.	1.3	20
12	Ensuring Correctness, Completeness, and Freshness for Outsourced Tree-Indexed Data. Information Resources Management Journal, 2008, 21, 59-76.	0.8	16
13	Enhance fuzzy vault security using nonrandom chaff point generator. Information Processing Letters, 2016, 116, 53-64.	0.4	15
14	A lightweight authentication protocol for D2D-enabled IoT systems with privacy. Pervasive and Mobile Computing, 2021, 74, 101399.	2.1	15
15	Machine Learning Based on Resampling Approaches and Deep Reinforcement Learning for Credit Card Fraud Detection Systems. Applied Sciences (Switzerland), 2021, 11, 10004.	1.3	15
16	A Hilbert-based framework for preserving privacy in location-based services. International Journal of Intelligent Information and Database Systems, 2013, 7, 113.	0.3	13
17	Privacy preserving biometric-based remote authentication with secure processing unit on untrusted server. IET Biometrics, 2019, 8, 79-91.	1.6	13
18	Machine Learning for Prediction of Imbalanced Data: Credit Fraud Detection. , 2021, , .		12

#	ARTICLE	IF	CITATIONS
19	The Meeting of Acquaintances: A Cost-Efficient Authentication Scheme for Light-Weight Objects with Transient Trust Level and Plurality Approach. Security and Communication Networks, 2019, 2019, 1-18.	1.0	11
20	An Elastic Data Conversion Framework: A Case Study for MySQL and MongoDB. SN Computer Science, 2021, 2, 1.	2.3	11
21	An Adaptive Grid-Based Approach to Location Privacy Preservation. Studies in Computational Intelligence, 2010, , 133-144.	0.7	11
22	A Comparative Study of the Some Methods Used in Constructing Coresets for Clustering Large Datasets. SN Computer Science, 2020, 1, 1.	2.3	10
23	HOT aSAX: A Novel Adaptive Symbolic Representation for Time Series Discords Discovery. Lecture Notes in Computer Science, 2010, , 113-121.	1.0	10
24	A Novel Solution to Query Assurance Verification for Dynamic Outsourced XML Databases. Journal of Software, 2008, 3, .	0.6	9
25	On Guaranteeing k-Anonymity in Location Databases. Lecture Notes in Computer Science, 2011, , 280-287.	1.0	8
26	On Efficient Processing of Complicated Cloaked Region for Location Privacy Aware Nearest-Neighbor Queries. Lecture Notes in Computer Science, 2013, , 101-110.	1.0	8
27	Data Poisoning Attack on Deep Neural Network and Some Defense Methods. , 2020, , .		8
28	Flow aggregation for SDN-based delay-insensitive traffic control in mobile core networks. IET Communications, 2019, 13, 1051-1060.	1.5	7
29	An effective and elastic blockchain-based provenance preserving solution for the open data. International Journal of Web Information Systems, 2021, 17, 480-515.	1.3	7
30	Fine Grained Attribute Based Access Control Model for Privacy Protection. Lecture Notes in Computer Science, 2016, , 305-316.	1.0	7
31	Query Assurance Verification for Dynamic Outsourced XML Databases. , 2007, , .		6
32	X-STROWL: A generalized extension of XACML for context-aware spatio-temporal RBAC model with OWL. , 2012, , .		6
33	Visualization of web form submissions for security analysis. International Journal of Web Information Systems, 2013, 9, 165-180.	1.3	6
34	Combining Fuzzy Extractor in Biometric-Kerberos Based Authentication Protocol. , 2015, , .		6
35	Face Quality Measure for Face Authentication. Lecture Notes in Computer Science, 2016, , 189-198.	1.0	6
36	Chaff point generation mechanism for improving fuzzy vault security. IET Biometrics, 2016, 5, 147-153.	1.6	6

#	ARTICLE	IF	CITATIONS
37	Incremental Frequent Itemsets Mining with IPPC Tree. Lecture Notes in Computer Science, 2017, , 463-477.	1.0	6
38	A Study of Deep Learning-Based Approaches for Session-Based Recommendation Systems. SN Computer Science, 2020, 1, 1.	2.3	6
39	A Farthest First Traversal based Sampling Algorithm for k-clustering. , 2020, , .		6
40	A Multi-factor Biometric Based Remote Authentication Using Fuzzy Commitment and Non-invertible Transformation. Lecture Notes in Computer Science, 2015, , 77-88.	1.0	6
41	A Novel Trajectory Privacy-Preserving Future Time Index Structure in Moving Object Databases. Lecture Notes in Computer Science, 2012, , 124-134.	1.0	6
42	eM2: An Efficient Member Migration Algorithm for Ensuring k-Anonymity and Mitigating Information Loss. Lecture Notes in Computer Science, 2010, , 26-40.	1.0	6
43	On verifying the authenticity of e-commercial crawling data by a semi-crosschecking method. International Journal of Web Information Systems, 2019, 15, 454-473.	1.3	5
44	Intermediate Data Format for the Elastic Data Conversion Framework. , 2021, , .		5
45	A Pragmatic Blockchain Based Solution for Managing Provenance and Characteristics in the Open Data Context. Lecture Notes in Computer Science, 2020, , 221-242.	1.0	5
46	An Extensible Framework for Web Application Vulnerabilities Visualization and Analysis. Lecture Notes in Computer Science, 2014, , 86-96.	1.0	5
47	STRoBAC “ Spatial Temporal Role Based Access Control. Lecture Notes in Computer Science, 2012, , 201-211.	1.0	5
48	An Elastic Data Conversion Framework for Data Integration System. Communications in Computer and Information Science, 2020, , 35-50.	0.4	5
49	OST-Tree: An Access Method for Obfuscating Spatio-Temporal Data in Location Based Services. , 2011, , .		4
50	eHSim: An Efficient Hybrid Similarity Search with MapReduce. , 2016, , .		4
51	IFIN+: A Parallel Incremental Frequent Itemsets Mining in Shared-Memory Environment. Lecture Notes in Computer Science, 2017, , 121-138.	1.0	4
52	Semantic-Aware Obfuscation for Location Privacy at Database Level. Lecture Notes in Computer Science, 2013, , 111-120.	1.0	4
53	Fuzzy Logic Weight Estimation in Biometric-Enabled Co-authentication Systems. Lecture Notes in Computer Science, 2014, , 365-374.	1.0	4
54	Visualizing Web Attack Scenarios in Space and Time Coordinate Systems. Lecture Notes in Computer Science, 2014, , 1-14.	1.0	4

#	ARTICLE	IF	CITATIONS
55	Security Issues in Outsourced XML Databases. , 2010, , 2052-2081.		4
56	Semantic Bob-tree. , 2012, , .		3
57	An open design privacy-enhancing platform supporting location-based applications. , 2012, , .		3
58	Practical Construction of Face-Based Authentication Systems with Template Protection Using Secure Sketch. Lecture Notes in Computer Science, 2013, , 121-130.	1.0	3
59	Towards a flexible framework to support a generalized extension of XACML for spatio-temporal RBAC model with reasoning ability. International Journal of Web Information Systems, 2014, 10, 131-150.	1.3	3
60	A Context-Aware Privacy-Preserving Solution for Location-Based Services. , 2018, , .		3
61	Interaction and Visualization Design for User Privacy Interface on Online Social Networks. SN Computer Science, 2020, 1, 1.	2.3	3
62	A Comparative Study of the Use of Coresets for Clustering Large Datasets. Lecture Notes in Computer Science, 2019, , 45-55.	1.0	3
63	A Hash-Based Index Method for Securing Biometric Fuzzy Vaults. Lecture Notes in Computer Science, 2014, , 60-71.	1.0	3
64	KUR-Algorithm: From Position to Trajectory Privacy Protection in Location-Based Applications. Lecture Notes in Computer Science, 2015, , 82-89.	1.0	3
65	Privacy preserving through a memorizing algorithm in location-based services. , 2009, , .		3
66	Security Issues in Outsourced XML Databases. , 0, , 231-261.		3
67	Protecting Biometric Features by Periodic Function-Based Transformation and Fuzzy Vault. Lecture Notes in Computer Science, 2014, , 57-70.	1.0	3
68	Machine Learning for Multi-Classification of Botnets Attacks. , 2022, , .		3
69	Utilizing Spatio-temporal Data Index for Location Privacy Protection. , 2013, , .		2
70	Delay-insensitive traffic detection and transfer on network edges. , 2016, , .		2
71	An Adaptive Similarity Search in Massive Datasets. Lecture Notes in Computer Science, 2016, , 45-74.	1.0	2
72	Motorbike Detection in Urban Environment. Lecture Notes in Computer Science, 2018, , 286-295.	1.0	2

#	ARTICLE	IF	CITATIONS
73	A Light-Weight Tightening Authentication Scheme for the Objects™ Encounters in the Meetings. Lecture Notes in Computer Science, 2018, , 83-102.	1.0	2
74	Dynamic Data Management Strategy on Cloud Network by Fog Computing Model. Lecture Notes in Computer Science, 2019, , 332-342.	1.0	2
75	An Efficient Document Indexing-Based Similarity Search in Large Datasets. Lecture Notes in Computer Science, 2015, , 16-31.	1.0	2
76	Privacy-Preserving Attribute-Based Access Control in Education Information Systems. Communications in Computer and Information Science, 2021, , 327-345.	0.4	2
77	BiB+-tree. , 2009, , .		1
78	Protecting Privacy While Discovering and Maintaining Association Rules. , 2011, , .		1
79	Enhanced security in internet voting protocol using blind signatures and dynamic ballots. , 2012, , .		1
80	Hybrid Stop Discovery in Trajectory Records. , 2013, , .		1
81	An OpenLS privacy-aware middleware supporting location-based applications. International Journal of Pervasive Computing and Communications, 2013, 9, 311-345.	1.1	1
82	A NoSQL Data-Based Personalized Recommendation System for C2C e-Commerce. Lecture Notes in Computer Science, 2017, , 313-324.	1.0	1
83	Towards a Fine-Grained Privacy-Enabled Attribute-Based Access Control Mechanism. Lecture Notes in Computer Science, 2017, , 52-72.	1.0	1
84	An effective flow aggregation for SDN-based background and foreground traffic control. , 2018, , .		1
85	Visualizing Access Logs of a Scientific Digital Library Effectively as Multiple Time Series Using Modified Horizon Graphs. , 2019, , .		1
86	An Efficient Batch Similarity Processing with MapReduce. Lecture Notes in Computer Science, 2018, , 158-171.	1.0	1
87	Supporting Authorization Reasoning Based on Role and Resource Hierarchies in an Ontology-Enriched XACML Model. International Journal of Computer and Communication Engineering, 2014, 3, 155-159.	0.2	1
88	A Three-Way Energy Efficient Authentication Protocol Using Bluetooth Low Energy. Lecture Notes in Computer Science, 2020, , 273-289.	1.0	1
89	Implementation and Evaluation of PartyCrasher <sup>BLE</sup> : An Energy-Efficient and Privacy-Preserving Authentication Protocol for BLE Devices. , 2021, , .		1
90	A Practical Solution against Corrupted Parties and Coercers in Electronic Voting Protocol over the Network. Lecture Notes in Computer Science, 2013, , 11-20.	1.0	0

#	ARTICLE	IF	CITATIONS
91	BdHCO-tree. , 2014, , .		0
92	Extending Web Application IDS Interface: Visualizing Intrusions in Geographic and Web Space. , 2015, , .		0
93	Non-Invertibility for Random Projection based Biometric Template Protection Scheme. , 2021, , .		0
94	Protecting Biometrics Using Fuzzy Extractor and Non-invertible Transformation Methods in Kerberos Authentication Protocol. Lecture Notes in Computer Science, 2017, , 47-66.	1.0	0
95	An Elastic Anonymization Framework for Open Data. Communications in Computer and Information Science, 2020, , 108-119.	0.4	0