

# Duc A Tran

## List of Publications by Year in descending order

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62  
papers

1,402  
citations

759055

12  
h-index

580701

25  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1226  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study on Human Activity Recognition Using Accelerometer Data from Smartphones. <i>Procedia Computer Science</i> , 2014, 34, 450-457.	1.2	397
2	A Peer-to-Peer Architecture for Media Streaming. <i>IEEE Journal on Selected Areas in Communications</i> , 2004, 22, 121-133.	9.7	277
3	Localization In Wireless Sensor Networks Based on Support Vector Machines. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2008, 19, 981-994.	4.0	173
4	Congestion Adaptive Routing in Mobile Ad Hoc Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2006, 17, 1294-1305.	4.0	128
5	S-CLONE: Socially-aware data replication for social networks. <i>Computer Networks</i> , 2012, 56, 2001-2013.	3.2	54
6	Knowledge Discovery from Series of Interval Events. <i>Journal of Intelligent Information Systems</i> , 2000, 15, 71-89.	2.8	34
7	A statistical construction of power-law networks. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2010, 25, 223-235.	0.7	21
8	Hierarchical multidimensional search in peer-to-peer networks. <i>Computer Communications</i> , 2008, 31, 346-357.	3.1	18
9	Preserving Social Locality in Data Replication for Online Social Networks. , 2011, , .		16
10	Distributed Client-Server Assignment for Online Social Network Applications. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2014, 2, 422-435.	3.2	16
11	S-PUT: An EA-based framework for socially aware data partitioning. <i>Computer Networks</i> , 2014, 75, 504-518.	3.2	15
12	A generalized air-cache design for efficiently broadcasting on multiple physical channels. , 2001, , .		14
13	Stochastic binary sensor networks for noisy environments. <i>International Journal of Sensor Networks</i> , 2007, 2, 414.	0.2	14
14	Scalable media streaming in large peer-to-peer networks. , 2002, , .		13
15	Mining Interval Time Series. <i>Lecture Notes in Computer Science</i> , 1999, , 318-330.	1.0	13
16	Efficient Multimedia Distribution in Source Constraint Networks. <i>IEEE Transactions on Multimedia</i> , 2008, 10, 523-537.	5.2	12
17	Enabling content-based publish/subscribe services in cooperative P2P networks. <i>Computer Networks</i> , 2010, 54, 1739-1749.	3.2	12
18	An analysis of activities in Facebook. , 2011, , .		12

#	ARTICLE	IF	CITATIONS
19	Total variation regularization for training of indoor location fingerprints. , 2013, , .		12
20	Overlay multicast for video on demand on the Internet. , 2003, , .		10
21	Semantic Reasoning based Video Database Systems. Lecture Notes in Computer Science, 2000, , 41-50.	1.0	10
22	VideoGraph: A Graphical Object-Based Model for Representing and Querying Video Data. Lecture Notes in Computer Science, 2000, , 383-396.	1.0	9
23	An efficient core-area detection algorithm for fast noise-free image query processing. , 2001, , .		7
24	Range Multicast for Video on Demand. Multimedia Tools and Applications, 2005, 27, 367-391.	2.6	7
25	Fast and Accurate Indoor Localization Based on Spatially Hierarchical Classification. , 2014, , .		7
26	PUB-2-SUB: A Content-Based Publish/Subscribe Framework for Cooperative P2P Networks. Lecture Notes in Computer Science, 2009, , 770-781.	1.0	7
27	Support Vector Classification Strategies for Localization in Sensor Networks. , 2006, , .		6
28	A random projection approach to subscription covering detection in publish/subscribe systems. , 2007, , .		6
29	Joint network coding and power control for cellular radio networks. , 2008, , .		6
30	A content-guided publish/subscribe mechanism for sensor networks without location information. Computer Communications, 2010, 33, 1515-1523.	3.1	6
31	Efficient P2P data dissemination in a homogeneous capacity network using structured mesh. , 0, , .		5
32	Relevance-Feedback Image Retrieval Based on Multiple-Instance Learning. , 2008, , .		5
33	Publish/Subscribe Service in CAN-based P2P Networks: Dimension Mismatch and The Random Projection Approach. , 2008, , .		5
34	Fingerprint-based location tracking with Hodrick-Prescott filtering. , 2014, , .		5
35	Machine Learning Based Localization. , 2009, , 302-320.		4
36	Analysis of an investment social network. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
37	Geometric-based KNN localization using sensor dissimilarity information. , 2017, , .		3
38	Probabilistic Partitioning for Edge Server Assignment with Time-Varying Workload. , 2019, , .		3
39	A geo-aware server assignment problem for mobile edge computing. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 652-667.	0.7	3
40	A Parsimonious Statistical Protocol for Generating Power-Law Networks. , 2009, , .		2
41	DIBS: Efficient distributed information brokerage in large-scale sensor networks. Ad Hoc Networks, 2013, 11, 735-746.	3.4	2
42	A regularization framework for fingerprint-based reconstruction of mobile trajectories. International Journal of Parallel, Emergent and Distributed Systems, 2016, 31, 268-279.	0.7	2
43	A Stochastic Geo-Partitioning Problem for Mobile Edge Computing. IEEE Transactions on Emerging Topics in Computing, 2020, , 1-1.	3.2	2
44	Stochastic Binary Sensor Networks for Noisy Environments. , 2006, , .		1
45	CRES: A Content-Based Routing Substrate for Large-Scale Data-Centric Sensor Networks. , 2010, , .		1
46	Maintenance-Efficient Erasure Coding for Distributed Archival Storage. , 2011, , .		1
47	DAROS: Distributed user-server assignment and replication for online social networking applications. , 2013, , .		1
48	An Online Algorithm for Fingerprint-Based Location Tracking. , 2014, , .		1
49	Cost-effective multidimensional publish/subscribe services in sensor networks. , 2008, , .		0
50	Dimensionality Reduction in Hyperbolic Data Spaces: Bounding Reconstructed-Information Loss. , 2008, , .		0
51	Multidimensional information retrieval in peer-to-peer networks. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	0
52	Hop-Count Based Techniques for Passive Target Localization in Sensor Networks. , 2009, , .		0
53	Special issue on Grid and P2P Systems. International Journal of Parallel, Emergent and Distributed Systems, 2011, 26, 83-83.	0.7	0
54	On query-adaptive online partitioning: A study of evolutionary algorithms. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
55	Query-Adaptive Online Partitioning of Associated Data for Efficient Retrieval. , 2017, , .		0
56	A Geometrically Unified Network Coordinate System for Network Latency Estimation. , 2018, , .		0
57	S-PUT. SpringerBriefs in Optimization, 2012, , 27-33.	0.3	0
58	S-CLONE. SpringerBriefs in Optimization, 2012, , 35-41.	0.3	0
59	Social Locality in Data Storage. SpringerBriefs in Optimization, 2012, , 13-25.	0.3	0
60	Power-of-Metric Embedding for Network Dissimilarity Estimation. , 2018, , .		0
61	Regularization-Based Location Fingerprinting. Studies in Systems, Decision and Control, 2019, , 363-400.	0.8	0
62	Publish/Subscribe Techniques For P2P Networks. , 0, , 275-288.		0