

# Duc A Tran

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52  
papers

957  
citations

11  
h-index

30  
g-index

66  
ext. papers

1,190  
ext. citations

2.6  
avg. IF

4.44  
L-index

#	Paper	IF	Citations
52	A Stochastic Geo-Partitioning Problem for Mobile Edge Computing. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2020</b> , 1-1	4.1	1
51	A geo-aware server assignment problem for mobile edge computing. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , <b>2020</b> , 35, 652-667	1	2
50	Regularization-Based Location Fingerprinting. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 363-400	0.8	
49	Probabilistic Partitioning for Edge Server Assignment with Time-Varying Workload <b>2019</b> ,		2
48	Geometric-based KNN localization using sensor dissimilarity information <b>2017</b> ,		2
47	A regularization framework for fingerprint-based reconstruction of mobile trajectories. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , <b>2016</b> , 31, 268-279	1	1
46	Fingerprint-based location tracking with Hodrick-Prescott filtering <b>2014</b> ,		4
45	A Study on Human Activity Recognition Using Accelerometer Data from Smartphones. <i>Procedia Computer Science</i> , <b>2014</b> , 34, 450-457	1.6	276
44	An Online Algorithm for Fingerprint-Based Location Tracking <b>2014</b> ,		1
43	Fast and Accurate Indoor Localization Based on Spatially Hierarchical Classification <b>2014</b> ,		5
42	S-PUT: An EA-based framework for socially aware data partitioning. <i>Computer Networks</i> , <b>2014</b> , 75, 504-518	5.8	8
41	. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2014</b> , 2, 422-435	4.1	12
40	DAROS: Distributed user-server assignment and replication for online social networking applications <b>2013</b> ,		1
39	DIBS: Efficient distributed information brokerage in large-scale sensor networks. <i>Ad Hoc Networks</i> , <b>2013</b> , 11, 735-746	4.8	1
38	Total variation regularization for training of indoor location fingerprints <b>2013</b> ,		12
37	Data Storage for Social Networks. <i>SpringerBriefs in Optimization</i> , <b>2012</b> ,	0.5	3
36	S-CLONE: Socially-aware data replication for social networks. <i>Computer Networks</i> , <b>2012</b> , 56, 2001-2013	5.4	40

35	S-PUT. <i>SpringerBriefs in Optimization</i> , <b>2012</b> , 27-33	0.5	
34	S-CLONE. <i>SpringerBriefs in Optimization</i> , <b>2012</b> , 35-41	0.5	
33	Social Locality in Data Storage. <i>SpringerBriefs in Optimization</i> , <b>2012</b> , 13-25	0.5	
32	Fitness-Based Generative Models for Power-Law Networks. <i>Springer Optimization and Its Applications</i> , <b>2012</b> , 39-53	0.4	11
31	Maintenance-Efficient Erasure Coding for Distributed Archival Storage <b>2011</b> ,		1
30	An analysis of activities in Facebook <b>2011</b> ,		10
29	Preserving Social Locality in Data Replication for Online Social Networks <b>2011</b> ,		12
28	A statistical construction of power-law networks. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , <b>2010</b> , 25, 223-235	1	18
27	A content-guided publish/subscribe mechanism for sensor networks without location information. <i>Computer Communications</i> , <b>2010</b> , 33, 1515-1523	5.1	5
26	Enabling content-based publish/subscribe services in cooperative P2P networks. <i>Computer Networks</i> , <b>2010</b> , 54, 1739-1749	5.4	8
25	A Parsimonious Statistical Protocol for Generating Power-Law Networks <b>2009</b> ,		1
24	Machine Learning Based Localization <b>2009</b> , 302-320		4
23	PUB-2-SUB: A Content-Based Publish/Subscribe Framework for Cooperative P2P Networks. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 770-781	0.9	7
22	Localization In Wireless Sensor Networks Based on Support Vector Machines. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2008</b> , 19, 981-994	3.7	127
21	Joint network coding and power control for cellular radio networks <b>2008</b> ,		2
20	Relevance-Feedback Image Retrieval Based on Multiple-Instance Learning <b>2008</b> ,		2
19	. <i>IEEE Transactions on Multimedia</i> , <b>2008</b> , 10, 523-537	6.6	8
18	Hierarchical multidimensional search in peer-to-peer networks. <i>Computer Communications</i> , <b>2008</b> , 31, 346-357	5.1	14

17	A random projection approach to subscription covering detection in publish/subscribe systems <b>2007</b> ,		4
16	Stochastic binary sensor networks for noisy environments. <i>International Journal of Sensor Networks</i> , <b>2007</b> , 2, 414	0.8	10
15	Support Vector Classification Strategies for Localization in Sensor Networks <b>2006</b> ,		4
14	Congestion Adaptive Routing in Mobile Ad Hoc Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2006</b> , 17, 1294-1305	3.7	73
13	Stochastic Binary Sensor Networks for Noisy Environments <b>2006</b> ,		1
12	Range Multicast for Video on Demand. <i>Multimedia Tools and Applications</i> , <b>2005</b> , 27, 367-391	2.5	4
11	A peer-to-peer architecture for media streaming. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2004</b> , 22, 121-133	14.2	176
10	Overlay multicast for video on demand on the Internet <b>2003</b> ,		7
9	Scalable media streaming in large peer-to-peer networks <b>2002</b> ,		10
8	A generalized air-cache design for efficiently broadcasting on multiple physical channels <b>2001</b> ,		10
7	An efficient core-area detection algorithm for fast noise-free image query processing <b>2001</b> ,		5
6	Knowledge Discovery from Series of Interval Events. <i>Journal of Intelligent Information Systems</i> , <b>2000</b> , 15, 71-89	2.1	28
5	Semantic Reasoning based Video Database Systems. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 41-50	0.9	6
4	VideoGraph: A Graphical Object-Based Model for Representing and Querying Video Data. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 383-396	0.9	7
3	Mining Interval Time Series. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 318-330	0.9	7
2			1
1	Publish/Subscribe Techniques For P2P Networks275-288		