Paul Ezhilchelvan

List of Publications by Citations

29 papers	119 citations	6 h-index	10 g-index
34 ext. papers	144 ext. citations	2 avg, IF	2.67 L-index

#	Paper	IF	Citations
29	A family of trusted third party based fair-exchange protocols. *IEEE Transactions on Dependable and Secure Computing*, **2005**, 2, 273-286	3.9	21
28	Implementing fail-silent nodes for distributed systems. *IEEE Transactions on Computers*, **1996**, 45, 1226-1238	2.3	21
27	. *IEEE Transactions on Parallel and Distributed Systems*, **2012**, 23, 467-474	3.7	14
26	Multi-class Resource Sharing with Batch Arrivals and Complete Blocking. *Lecture Notes in Computer Science*, **2017**, 157-169	0.9	8
25	Efficient Inter-cloud Replication for High-Availability Services* **2013**,		8
24	Encounter-based message propagation in mobile ad-hoc networks. *Ad Hoc Networks*, **2009**, 7, 1271-1284	4.8	6
23	A timeout-based message ordering protocol for a lightweight software implementation of TMR systems. *IEEE Transactions on Parallel and Distributed Systems*, **2004**, 15, 53-0_6	3.7	4
22	Optimal provisioning of servers for hosting services of multiple types. *Simulation Modelling Practice and Theory*, **2017**, 75, 17-28	3.9	3
21	Scalable and responsive event processing in the cloud. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2013**, 371, 20120095	3	3
20	**2007**,		3
19	Focused fault injection testing of software implemented fault tolerance mechanisms of Voltan TMR nodes. *Distributed Systems Engineering*, **1995**, 2, 39-49		3
18	Static and Dynamic Hosting of Cloud Servers. *Lecture Notes in Computer Science*, **2015**, 19-31	0.9	3
17	Non-Blocking Two Phase Commit Using Blockchain **2018**,		3
16	Improving ZooKeeper Atomic Broadcast Performance by Coin Tossing. *Lecture Notes in Computer Science*, **2017**, 249-265	0.9	2
15	Distributed event processing for activity recognition **2011**,		2
14	rel/REL: a family of reliable multicast protocols for distributed systems. *Distributed Systems Engineering*, **1994**, 1, 323-331		2
13	Preserving reciprocal consistency in distributed graph databases **2020**,		2

List of Publications

12	On the Degradation of Distributed Graph Databases with Eventual Consistency. *Lecture Notes in Computer Science*, **2018**, 1-13	0.9	2
11	An Atomic-Multicast Service for Scalable In-Memory Transaction Systems **2014**,		1
10	Energy-aware Management of Customer Streams. *Electronic Notes in Theoretical Computer Science*, **2013**, 296, 199-210	0.7	1
9	Assessing the attack resilience capabilities of a fortified primary-backup system **2010**,		1
8	Learning from the past for resolving dilemmas of asynchrony. *Operating Systems Review (ACM)*, **2010**, 44, 58-63	0.8	1
7	Proactive Fortification of Fault-Tolerant Services. *Lecture Notes in Computer Science*, **2009**, 330-344	0.9	1
6	Optimal Provision of Multiple Service Types **2016**,		1
5	MULTI-CLASS RESOURCE SHARING WITH BATCH ARRIVALS. *Probability in the Engineering and Informational Sciences*, **2019**, 33, 348-366	0.6	1
4	Non-blocking two-phase commit using blockchain. *Concurrency Computation Practice and Experience* , **2020**, 32, e5276	1.4	1
3	Conversations with fixed and potential participants. *Journal of Systems Architecture*, **2001**, 47, 193-196	5.5	
2	Design and Evaluation of an Edge Concurrency Control Protocol for Distributed Graph Databases. *Lecture Notes in Computer Science*, **2020**, 50-64	0.9	
1	On the benefits and costs of offloading among cooperating clouds. *Simulation Modelling Practice and Theory*, **2021**, 113, 102393	3.9	