Yelena Yesha

List of Publications by Year
in descending order

		759233	677142
36 papers	1,229 citations	12 h-index	22 g-index
38 all docs	38 docs citations	38 times ranked	878 citing authors

#	Article	IF	Citations
1	Updating and Querying Databases that Track Mobile Units. Distributed and Parallel Databases, 1999, 7, 257-387.	1.6	316
2	Keyframe-based video summarization using Delaunay clustering. International Journal on Digital Libraries, 2006, 6, 219-232.	1.5	266
3	Service Composition for Mobile Environments. Mobile Networks and Applications, 2005, 10, 435-451.	3.3	112
4	A Pervasive Computing System for the Operating Room of the Future. Mobile Networks and Applications, 2007, 12, 215-228.	3.3	87
5	Footprint handover rerouting protocol for low Earth orbit satellite networks. Wireless Networks, 1999, 5, 327-337.	3.0	53
6	Improving Word Similarity by Augmenting PMI with Estimates of Word Polysemy. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1307-1322.	5.7	50
7	Automating Cloud Services Life Cycle through Semantic Technologies. IEEE Transactions on Services Computing, 2014, 7, 109-122.	4.6	50
8	On Using a Warehouse to Analyze Web Logs. Distributed and Parallel Databases, 2003, 13, 161-180.	1.6	36
9	Service Discovery in Agent-Based Pervasive Computing Environments. Mobile Networks and Applications, 2004, 9, 679-692.	3.3	29
10	A Data Intensive Reputation Management Scheme for Vehicular Ad Hoc Networks. , 2006, , .		25
11	A Data Intensive Reputation Management Scheme for Vehicular Ad Hoc Networks. , 2006, , .		23
12	Centaurus: An Infrastructure for Service Management in Ubiquitous Computing Environments. Wireless Networks, 2002, 8, 619-635.	3.0	16
13	Managing the Quality of Virtualized Services. , 2011, , .		14
14	P2P M-commerce in pervasive environments. , 2002, 3, 1-9.		13
15	A Scalable System for Community Discovery in Twitter During Hurricane Sandy. , 2014, , .		13
16	Modeling Moving Objects for Location Based Services. Lecture Notes in Computer Science, 2002, , 46-58.	1.3	13
17	Extensions to the C programming language for enhanced fault detection. Software - Practice and Experience, 1993, 23, 617-628.	3.6	12
18	Querying in Packs: Trustworthy Data Management in Ad Hoc Networks. International Journal of Wireless Information Networks, 2006, 13, 263-274.	2.7	12

#	ARTICLE	IF	CITATIONS
19	A polynomial algorithm for computation of the probability of conflicts in a database under arbitrary data access distribution. Information Processing Letters, 1988, 27, 69-74.	0.6	9
20	Using multi-agent simulation to understand trading dynamics of a derivatives market. Annals of Mathematics and Artificial Intelligence, 2005, 44, 233-253.	1.3	8
21	Collaborative joins in a pervasive computing environment. VLDB Journal, 2005, 14, 182-196.	4.1	8
22	Multi-Agent Simulation of Financial Markets. , 2005, , 393-419.		7
23	Metabolic profiling in personalized medicine: bridging the gap between knowledge and clinical practice in Type 2 diabetes. Personalized Medicine, 2011, 8, 445-456.	1.5	6
24	Sensor Web Design Studies for Realtime Dynamic Congestion Pricing. , 2007, , .		5
25	YinMem: A distributed parallel indexed in-memory computation system for large scale data analytics. , 2016, , .		5
26	Neighborhood-Consistent Transaction Management for Pervasive Computing Environments. Lecture Notes in Computer Science, 2003, , 276-286.	1.3	4
27	A database-based distributed computation architecture with Accumulo and D4M: An application of eigensolver for large sparse matrix. , 2015, , .		4
28	Electronic commerce: tutorial. SIGMOD Record, 1998, 27, 498.	1.2	2
29	Probabilistic analysis of transaction blocking under arbitrary data access distribution in database systems. Information Sciences, 1994, 78, 161-187.	6.9	1
30	Minimizing message complexity of partially replicated data on hypercubes. Networks, 1996, 28, 87-95.	2.7	1
31	Pythia and Pythia/WK: tools for the performance analysis of mass storage systems. Software - Practice and Experience, 1997, 27, 1035-1054.	3.6	1
32	Genetic information for chronic disease prediction. , 2011, , .		1
33	A Methodology for Ontology Evaluation Using Topic Models. , 2012, , .		1
34	Epidemiological Data Analysis in TerraFly Geo-spatial Cloud. , 2013, , .		1
35	Unified framework for clinical data analytics (U-CDA). , 2015, , .		1
36	Collaborative data mining for clinical trial analytics. , 2015, , .		1