Farshad Fotouhi

List of Publications by Year
in descending order

52 papers	1,136 citations	759233 12 h-index	552781 26 g-index
54 all docs	54 docs citations	54 times ranked	1021 citing authors

#	Article	IF	Citations
1	EpistoNet: an ensemble of Epistocracy-optimized mixture of experts for detecting COVID-19 on chest X-ray images. Scientific Reports, 2021, 11, 21564.	3.3	2
2	An Efficient Cold Start Solution for Recommender Systems Based on Machine Learning and User Interests. , 2020, , .		14
3	Adapting Medical Image Processing Tasks to a Scalable Scientific Workflow System. , 2014, , .		3
4	OPQL: Querying scientific workflow provenance at the graph level. Data and Knowledge Engineering, 2013, 88, 37-59.	3.4	8
5	Secure XML querying based on authorization graphs. Information Systems Frontiers, 2012, 14, 617-632.	6.4	2
6	Effective Keyword Search over Relational Databases Considering Keywords Proximity and Keywords N-grams. , 2011, , .		1
7	OPQL: A First OPM-Level Query Language for Scientific Workflow Provenance. , 2011, , .		12
8	Confident Surgical Decision Making in Temporal Lobe Epilepsy by Heterogeneous Classifier Ensembles. , 2011, 2011, 1003-1009.		2
9	TupleRecommender: A Recommender System for Relational Databases. , 2011, , .		3
10	Storing, reasoning, and querying OPM-compliant scientific workflow provenance using relational databases. Future Generation Computer Systems, 2011, 27, 781-789.	7.5	18
11	Effect of classifiers in consensus feature ranking for biomedical datasets. , 2010, , .		7
12	RDFProv: A relational RDF store for querying and managing scientific workflow provenance. Data and Knowledge Engineering, 2010, 69, 836-865.	3.4	46
13	Noise and Outlier Filtering in Heterogeneous Medical Data Sources. , 2010, , .		3
14	Attribute ranking for lateralizing focal epileptogenicity in temporal lobe epilepsy. , 2010, , .		2
15	Diffusion Maps: A Superior Semantic Method to Improve Similarity Join Performance. , 2010, , .		5
16	Prospective and Retrospective Provenance Collection in Scientific Workflow Environments. , 2010, , .		44
17	Consensus Feature Ranking in Datasets with Missing Values. , 2010, , .		3
18	Virus detection and removal service architecture in digital ecosystems. , 2009, , .		1

#	Article	IF	Citations
19	Searching an appropriate template size for multimodal image clustering. , 2009, , .		4
20	Semantics preserving SPARQL-to-SQL translation. Data and Knowledge Engineering, 2009, 68, 973-1000.	3.4	95
21	Improving similarity join algorithms using vertical clustering techniques. , 2009, , .		1
22	Improving Similarity Join Algorithms Using Fuzzy Clustering Technique. , 2009, , .		0
23	Video frame rate up conversion under inconsistent camera motion. Multimedia Tools and Applications, 2008, 39, 329-351.	3.9	5
24	Bipartite isoperimetric graph partitioning for data co-clustering. Data Mining and Knowledge Discovery, 2008, 16, 276-312.	3.7	20
25	Service-Oriented Architecture for VIEW: A Visual Scientific Workflow Management System. , 2008, , .		54
26	Efficient Processing of RDF Queries with Nested Optional Graph Patterns in an RDBMS. International Journal on Semantic Web and Information Systems, 2008, 4, 1-30.	5.1	4
27	VIEW: a VIsual sciEntificWorkflow management system. , 2007, , .		11
28	Storing and Querying Scientific Workflow Provenance Metadata Using an RDBMS. , 2007, , .		27
29	A proteome-wide protein interaction map for Campylobacter jejuni. Genome Biology, 2007, 8, R130.	8.8	214
30	Graph Matching Based Authorization Model for Efficient Secure XML Querying. , 2007, , .		4
31	Urbarium A Socially - Based Game Platform. , 2007, , .		0
32	Image Clustering Using Visual and Text Keywords. , 2007, , .		3
33	Data Modeling for Content-Based Support Environment (C-BASE): Application on Epilepsy Data Mining. , 2007, , .		1
34	XML subtree reconstruction from relational storage of XML documents. Data and Knowledge Engineering, 2007, 62, 199-218.	3.4	7
35	Efficient schema-based XML-to-Relational data mapping. Information Systems, 2007, 32, 458-476.	3.6	65
36	Automated Segmentation and Classification of High Throughput Yeast Assay Spots. IEEE Transactions on Medical Imaging, 2007, 26, 1401-1411.	8.9	5

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37	Building a user-centered semantic hierarchy in image databases. Multimedia Systems, 2007, 12, 325-338.	4.7	5
38	Relational Nested Optional Join for Efficient Semantic Web Query Processing. , 2007, , 428-439.		5
39	XML-to-SQL Query Mapping in the Presence of Multi-valued Schema Mappings and Recursive XML Schemas. Lecture Notes in Computer Science, 2007, , 603-616.	1.3	5
40	Co-Clustering Image Features and Semantic Concepts. , 2006, , .		7
41	Finding a Semantic Structure Interactively in Image Databases. , 2006, , .		0
42	Co-clustering Documents and Words Using Bipartite Isoperimetric Graph Partitioning. IEEE International Conference on Data Mining, 2006, , .	0.0	47
43	A database and tool, IM Browser, for exploring and integrating emerging gene and protein interaction data for Drosophila. BMC Bioinformatics, 2006, 7, 195.	2.6	27
44	Content-based image database system for epilepsy. Computer Methods and Programs in Biomedicine, 2005, 79, 209-226.	4.7	23
45	Discovering Document Semantics QBYS: A System for Querying the WWW by Semantics. Multimedia Tools and Applications, 2004, 24, 155-188.	3.9	2
46	Querying XML Documents from a Relational Database in the Presence of DTDs. Lecture Notes in Computer Science, 2004, , 168-177.	1.3	2
47	A CASE STUDY: DEVELOPMENT OF AN ORGANISMâ€"SPECIFIC PROTEIN INTERACTION DATABASE AND ITS ASSOCIATED TOOLS. International Journal of Cooperative Information Systems, 2003, 12, 225-239.	0.8	2
48	Automated segmentation and classification of multispectral magnetic resonance images of brain using artificial neural networks. IEEE Transactions on Medical Imaging, 1997, 16, 911-918.	8.9	258
49	Adaptive clustering of hypermedia documents. Information Systems, 1996, 21, 459-473.	3.6	4
50	Adaptive Indexing in Very Large Databases. Journal of Database Management, 1995, 6, 4-13.	1.5	5
51	Using metadata for the intelligent browsing of structured media objects. SIGMOD Record, 1994, 23, 49-56.	1.2	13
52	Efficient Processing of Time-Joins in Temporal Data Bases. , 1993, , .		8