Farshad Fotouhi

List of Publications by Year
in descending order

52	1,136	759233	552781
papers	citations	12	26
		h-index	g-index

54	54	54	1021
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	A proteome-wide protein interaction map for Campylobacter jejuni. Genome Biology, 2007, 8, R130.	8.8	214
3	Semantics preserving SPARQL-to-SQL translation. Data and Knowledge Engineering, 2009, 68, 973-1000.	3.4	95
4	Efficient schema-based XML-to-Relational data mapping. Information Systems, 2007, 32, 458-476.	3.6	65
5	Service-Oriented Architecture for VIEW: A Visual Scientific Workflow Management System. , 2008, , .		54
6	Co-clustering Documents and Words Using Bipartite Isoperimetric Graph Partitioning. IEEE International Conference on Data Mining, 2006, , .	0.0	47
7	RDFProv: A relational RDF store for querying and managing scientific workflow provenance. Data and Knowledge Engineering, 2010, 69, 836-865.	3.4	46
8	Prospective and Retrospective Provenance Collection in Scientific Workflow Environments. , 2010, , .		44
9	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
10	Storing and Querying Scientific Workflow Provenance Metadata Using an RDBMS. , 2007, , .		27
11	Content-based image database system for epilepsy. Computer Methods and Programs in Biomedicine, 2005, 79, 209-226.	4.7	23
12	Bipartite isoperimetric graph partitioning for data co-clustering. Data Mining and Knowledge Discovery, 2008, 16, 276-312.	3.7	20
13	Storing, reasoning, and querying OPM-compliant scientific workflow provenance using relational databases. Future Generation Computer Systems, 2011, 27, 781-789.	7.5	18
14	An Efficient Cold Start Solution for Recommender Systems Based on Machine Learning and User Interests. , 2020, , .		14
15	Using metadata for the intelligent browsing of structured media objects. SIGMOD Record, 1994, 23, 49-56.	1.2	13
16	OPQL: A First OPM-Level Query Language for Scientific Workflow Provenance. , 2011, , .		12
17	VIEW: a VIsual sciEntificWorkflow management system. , 2007, , .		11
18	OPQL: Querying scientific workflow provenance at the graph level. Data and Knowledge Engineering, 2013, 88, 37-59.	3.4	8

#	Article	IF	Citations
19	Efficient Processing of Time-Joins in Temporal Data Bases. , 1993, , .		8
20	Co-Clustering Image Features and Semantic Concepts. , 2006, , .		7
21	XML subtree reconstruction from relational storage of XML documents. Data and Knowledge Engineering, 2007, 62, 199-218.	3.4	7
22	Effect of classifiers in consensus feature ranking for biomedical datasets. , 2010, , .		7
23	Automated Segmentation and Classification of High Throughput Yeast Assay Spots. IEEE Transactions on Medical Imaging, 2007, 26, 1401-1411.	8.9	5
24	Building a user-centered semantic hierarchy in image databases. Multimedia Systems, 2007, 12, 325-338.	4.7	5
25	Video frame rate up conversion under inconsistent camera motion. Multimedia Tools and Applications, 2008, 39, 329-351.	3.9	5
26	Diffusion Maps: A Superior Semantic Method to Improve Similarity Join Performance. , 2010, , .		5
27	Relational Nested Optional Join for Efficient Semantic Web Query Processing. , 2007, , 428-439.		5
28	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
29	Adaptive Indexing in Very Large Databases. Journal of Database Management, 1995, 6, 4-13.	1.5	5
30	Adaptive clustering of hypermedia documents. Information Systems, 1996, 21, 459-473.	3.6	4
31	Graph Matching Based Authorization Model for Efficient Secure XML Querying. , 2007, , .		4
32	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
33	Searching an appropriate template size for multimodal image clustering. , 2009, , .		4
34	Image Clustering Using Visual and Text Keywords. , 2007, , .		3
35	Noise and Outlier Filtering in Heterogeneous Medical Data Sources. , 2010, , .		3
36	Consensus Feature Ranking in Datasets with Missing Values. , 2010, , .		3

#	Article	IF	Citations
37	TupleRecommender: A Recommender System for Relational Databases. , 2011, , .		3
38	Adapting Medical Image Processing Tasks to a Scalable Scientific Workflow System. , 2014, , .		3
39	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
40	Discovering Document Semantics QBYS: A System for Querying the WWW by Semantics. Multimedia Tools and Applications, 2004, 24, 155-188.	3.9	2
41	Attribute ranking for lateralizing focal epileptogenicity in temporal lobe epilepsy. , 2010, , .		2
42	Confident Surgical Decision Making in Temporal Lobe Epilepsy by Heterogeneous Classifier Ensembles. , 2011, 2011, 1003-1009.		2
43	Secure XML querying based on authorization graphs. Information Systems Frontiers, 2012, 14, 617-632.	6.4	2
44	Querying XML Documents from a Relational Database in the Presence of DTDs. Lecture Notes in Computer Science, 2004, , 168-177.	1.3	2
45	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
46	Data Modeling for Content-Based Support Environment (C-BASE): Application on Epilepsy Data Mining. , 2007, , .		1
47	Virus detection and removal service architecture in digital ecosystems. , 2009, , .		1
48	Improving similarity join algorithms using vertical clustering techniques. , 2009, , .		1
49	Effective Keyword Search over Relational Databases Considering Keywords Proximity and Keywords N-grams. , 2011, , .		1
50	Finding a Semantic Structure Interactively in Image Databases. , 2006, , .		0
51	Urbarium A Socially - Based Game Platform. , 2007, , .		0
52	Improving Similarity Join Algorithms Using Fuzzy Clustering Technique. , 2009, , .		0