Joe Tekli

List of Publications by Year
in descending order

61 papers	801 citations	16 h-index	24 g-index
63 all docs	63 docs citations	63 times ranked	386 citing authors

#	Article	IF	Citations
1	An overview on XML similarity: Background, current trends and future directions. Computer Science Review, 2009, 3, 151-173.	15.3	76
2	An Overview on XML Semantic Disambiguation from Unstructured Text to Semi-Structured Data: Background, Applications, and Ongoing Challenges. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1383-1407.	5.7	40
3	Evaluating touch-screen vibration modality for blind users to access simple shapes and graphics. International Journal of Human Computer Studies, 2018, 110, 115-133.	5.6	37
4	Automated and Personalized Nutrition Health Assessment, Recommendation, and Progress Evaluation using Fuzzy Reasoning. International Journal of Human Computer Studies, 2021, 151, 102610.	5.6	37
5	SOAP Processing Performance and Enhancement. IEEE Transactions on Services Computing, 2012, 5, 387-403.	4.6	35
6	Unsupervised word-level affect analysis and propagation in a lexical knowledge graph. Knowledge-Based Systems, 2019, 165, 432-459.	7.1	35
7	A novel XML document structure comparison framework based-on sub-tree commonalities and label semantics. Web Semantics, 2012, 11, 14-40.	2.9	33
8	Generic metadata representation framework for social-based event detection, description, and linkage. Knowledge-Based Systems, 2020, 188, 104817.	7.1	31
9	Integration of nonparametric fuzzy classification with an evolutionary-developmental framework to perform music sentiment-based analysis and composition. Soft Computing, 2020, 24, 9875-9925.	3.6	30
10	SemIndex+: A semantic indexing scheme for structured, unstructured, and partly structured data. Knowledge-Based Systems, 2019, 164, 378-403.	7.1	26
11	Full-fledged semantic indexing and querying model designed for seamless integration in legacy RDBMS. Data and Knowledge Engineering, 2018, 117, 133-173.	3.4	25
12	Low-Light Homomorphic Filtering Network for integrating image enhancement and classification. Signal Processing: Image Communication, 2022, 100, 116527.	3.2	24
13	Building semantic trees from XML documents. Web Semantics, 2016, 37-38, 1-24.	2.9	22
14	Semantic-based Merging of RSS Items. World Wide Web, 2010, 13, 169-207.	4.0	21
15	Evaluating Fitts' law on vibrating touch-screen to improve visual data accessibility for blind users. International Journal of Human Computer Studies, 2018, 112, 16-27.	5.6	21
16	Relating RSS News/Items. Lecture Notes in Computer Science, 2009, , 442-452.	1.3	20
17	Minimizing user effort in XML grammar matching. Information Sciences, 2012, 210, 1-40.	6.9	17
18	An overview of cluster-based image search result organization: background, techniques, and ongoing challenges. Knowledge and Information Systems, 2022, 64, 589-642.	3.2	16

#	Article	IF	Citations
19	Knowledge-based virtual outdoor weather event simulator using unity 3D. Journal of Supercomputing, 2022, 78, 10620-10655.	3.6	14
20	Structural Similarity Evaluation Between XML Documents and DTDs. Lecture Notes in Computer Science, 2007, , 196-211.	1.3	12
21	Fast fractal stack. , 2011, , .		11
22	Approximate XML structure validation based on document–grammar tree similarity. Information Sciences, 2015, 295, 258-302.	6.9	11
23	Automated and personalized meal plan generation and relevance scoring using a multi-factor adaptation of the transportation problem. Soft Computing, 2022, 26, 2561-2585.	3.6	11
24	SVG-to-RDF Image Semantization. Lecture Notes in Computer Science, 2014, , 214-228.	1.3	10
25	A Fine-Grained XML Structural Comparison Approach. Lecture Notes in Computer Science, 2007, , 582-598.	1.3	10
26	The use of semantic-based predicates implication to improve horizontal multimedia database fragmentation. , 2007, , .		9
27	Towards Digital Image Accessibility for Blind Users Via Vibrating Touch Screen: A Feasibility Test Protocol. , 2012, , .		9
28	Evaluation of touch screen vibration accessibility for blind users. , 2013, , .		9
29	Semantic to intelligent web era. , 2013, , .		9
30	MUSE Prototype for Music Sentiment Expression. , 2018, , .		9
31	A Hybrid Approach for XML Similarity. Lecture Notes in Computer Science, 2007, , 783-795.	1.3	9
32	Toward Enhancing Web Accessibility for Blind Users through the Semantic Web. , 2013, , .		8
33	Data Redundancy Management in Connected Environments. , 2020, , .		8
34	Differential SOAP Multicasting. , 2011, , .		7
35	Toward RDF Normalization. Lecture Notes in Computer Science, 2015, , 261-275.	1.3	7
36	Difficulties and Improvements to Graph-Based Lexical Sentiment Analysis Using LISA. , 2019, , .		7

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37	XML document-grammar comparison: related problems and applications. Open Computer Science, 2011, 1, .	1.7	6
38	SemIndex: Semantic-Aware Inverted Index. Lecture Notes in Computer Science, 2014, , 290-307.	1.3	6
39	Personalized Social Image Organization, Visualization, and Querying Tool Using Low- and High-Level Features. , 2016, , .		6
40	Using XML-Based Multicasting to Improve Web Service Scalability. International Journal of Web Services Research, 2012, 9, 1-29.	0.8	6
41	Unsupervised Topical Organization of Documents using Corpus-based Text Analysis. , 2021, , .		5
42	Almost Linear Semantic XML Keyword Search. , 2021, , .		5
43	PIN Prototype for Intelligent Nutrition Assessment and Meal Planning. , 2018, , .		4
44	Preprocessing Techniques for End-To-End Trainable RNN-Based Conversational System. Lecture Notes in Computer Science, 2021, , 255-270.	1.3	4
45	Extensible User-Based XML Grammar Matching. Lecture Notes in Computer Science, 2009, , 294-314.	1.3	4
46	Data redundancy management for leaf-edges in connected environments. Computing (Vienna/New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.8	4
47	Low-Light Image Enhancement Using Image-to-Frequency Filter Learning. Lecture Notes in Computer Science, 2022, , 693-705.	1.3	4
48	A General Multimedia Representation Space Model toward Event-Based Collective Knowledge Management. , 2016, , .		3
49	Toward Approximate GML Retrieval Based on Structural and Semantic Characteristics. Lecture Notes in Computer Science, 2010, , 16-34.	1.3	3
50	Simulating Weather Events on a Real-world Map using Unity 3D. , 2022, , .		3
51	XSDF: A system for XML semantic disambiguation. , 2015, , .		2
52	Overview of Event-Based Collective Knowledge Management in Multimedia Digital Ecosystems. , 2017, , .		2
53	Upgraded SemIndex Prototype Supporting Intelligent Database Keyword Queries through Disambiguation, Query as You Type, and Parallel Search Algorithms. , 2018, , .		2
54	XS3. , 2008, , .		1

#	Article	IF	Citations
55	Unleashing early maturity academic innovations. Communications of the ACM, 2021, 64, 102-107.	4.5	1
56	Towards Semantic-based RSS Merging. Studies in Computational Intelligence, 2009, , 53-64.	0.9	1
57	Breakthroughs and Limitations of XML Grammar Similarity. , 2009, , 140-148.		1
58	Building Semantic Trees from XML Documents. SSRN Electronic Journal, 2016, , .	0.4	0
59	Demo of the SICOS tool for Social Image Cluster-based Organization and Search. , 2016, , .		0
60	Track and Workshop Program Chair Messages. , 2016, , .		0
61	Track Program Chair Messages. , 2017, , .		0