

# Joe Tekli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8828454/publications.pdf>

Version: 2024-02-01

61  
papers

801  
citations

516710

16  
h-index

610901

24  
g-index

63  
all docs

63  
docs citations

63  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Light Homomorphic Filtering Network for integrating image enhancement and classification. Signal Processing: Image Communication, 2022, 100, 116527.	3.2	24
2	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
3	Knowledge-based virtual outdoor weather event simulator using unity 3D. Journal of Supercomputing, 2022, 78, 10620-10655.	3.6	14
4	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
5	Data redundancy management for leaf-edges in connected environments. Computing (Vienna/New) Tj ETQq1 1 0.784314 rgBT /Overlacc 4.8	4.8	4
6	Simulating Weather Events on a Real-world Map using Unity 3D. , 2022, , .		3
7	Low-Light Image Enhancement Using Image-to-Frequency Filter Learning. Lecture Notes in Computer Science, 2022, , 693-705.	1.3	4
8	Preprocessing Techniques for End-To-End Trainable RNN-Based Conversational System. Lecture Notes in Computer Science, 2021, , 255-270.	1.3	4
9	Unleashing early maturity academic innovations. Communications of the ACM, 2021, 64, 102-107.	4.5	1
10	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
11	Unsupervised Topical Organization of Documents using Corpus-based Text Analysis. , 2021, , .		5
12	Almost Linear Semantic XML Keyword Search. , 2021, , .		5
13	Generic metadata representation framework for social-based event detection, description, and linkage. Knowledge-Based Systems, 2020, 188, 104817.	7.1	31
14	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
15	Data Redundancy Management in Connected Environments. , 2020, , .		8
16	Difficulties and Improvements to Graph-Based Lexical Sentiment Analysis Using LISA. , 2019, , .		7
17	SemIndex+: A semantic indexing scheme for structured, unstructured, and partly structured data. Knowledge-Based Systems, 2019, 164, 378-403.	7.1	26
18	Unsupervised word-level affect analysis and propagation in a lexical knowledge graph. Knowledge-Based Systems, 2019, 165, 432-459.	7.1	35

#	ARTICLE	IF	CITATIONS
19	Evaluating Fitts's 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
20	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
21	Upgraded SemIndex Prototype Supporting Intelligent Database Keyword Queries through Disambiguation, Query as You Type, and Parallel Search Algorithms. , 2018, , .		2
22	PIN Prototype for Intelligent Nutrition Assessment and Meal Planning. , 2018, , .		4
23	MUSE Prototype for Music Sentiment Expression. , 2018, , .		9
24	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
25	Overview of Event-Based Collective Knowledge Management in Multimedia Digital Ecosystems. , 2017, , .		2
26	Track Program Chair Messages. , 2017, , .		0
27	Building Semantic Trees from XML Documents. SSRN Electronic Journal, 2016, , .	0.4	0
28	Personalized Social Image Organization, Visualization, and Querying Tool Using Low- and High-Level Features. , 2016, , .		6
29	Demo of the SICOS tool for Social Image Cluster-based Organization and Search. , 2016, , .		0
30	Track and Workshop Program Chair Messages. , 2016, , .		0
31	A General Multimedia Representation Space Model toward Event-Based Collective Knowledge Management. , 2016, , .		3
32	Building semantic trees from XML documents. Web Semantics, 2016, 37-38, 1-24.	2.9	22
33	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
34	XSDF: A system for XML semantic disambiguation. , 2015, , .		2
35	Approximate XML structure validation based on document's grammar tree similarity. Information Sciences, 2015, 295, 258-302.	6.9	11
36	Toward RDF Normalization. Lecture Notes in Computer Science, 2015, , 261-275.	1.3	7

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37	SemIndex: Semantic-Aware Inverted Index. Lecture Notes in Computer Science, 2014, , 290-307.	1.3	6
38	SVG-to-RDF Image Semantization. Lecture Notes in Computer Science, 2014, , 214-228.	1.3	10
39	Evaluation of touch screen vibration accessibility for blind users. , 2013, , .		9
40	Semantic to intelligent web era. , 2013, , .		9
41	Toward Enhancing Web Accessibility for Blind Users through the Semantic Web. , 2013, , .		8
42	Towards Digital Image Accessibility for Blind Users Via Vibrating Touch Screen: A Feasibility Test Protocol. , 2012, , .		9
43	A novel XML document structure comparison framework based-on sub-tree commonalities and label semantics. Web Semantics, 2012, 11, 14-40.	2.9	33
44	SOAP Processing Performance and Enhancement. IEEE Transactions on Services Computing, 2012, 5, 387-403.	4.6	35
45	Minimizing user effort in XML grammar matching. Information Sciences, 2012, 210, 1-40.	6.9	17
46	Using XML-Based Multicasting to Improve Web Service Scalability. International Journal of Web Services Research, 2012, 9, 1-29.	0.8	6
47	Differential SOAP Multicasting. , 2011, , .		7
48	XML document-grammar comparison: related problems and applications. Open Computer Science, 2011, 1, .	1.7	6
49	Fast fractal stack. , 2011, , .		11
50	Semantic-based Merging of RSS Items. World Wide Web, 2010, 13, 169-207.	4.0	21
51	Toward Approximate GML Retrieval Based on Structural and Semantic Characteristics. Lecture Notes in Computer Science, 2010, , 16-34.	1.3	3
52	An overview on XML similarity: Background, current trends and future directions. Computer Science Review, 2009, 3, 151-173.	15.3	76
53	Relating RSS News/Items. Lecture Notes in Computer Science, 2009, , 442-452.	1.3	20
54	Towards Semantic-based RSS Merging. Studies in Computational Intelligence, 2009, , 53-64.	0.9	1

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55	Extensible User-Based XML Grammar Matching. Lecture Notes in Computer Science, 2009, , 294-314.	1.3	4
56	Breakthroughs and Limitations of XML Grammar Similarity. , 2009, , 140-148.		1
57	XS3. , 2008, , .		1
58	The use of semantic-based predicates implication to improve horizontal multimedia database fragmentation. , 2007, , .		9
59	A Hybrid Approach for XML Similarity. Lecture Notes in Computer Science, 2007, , 783-795.	1.3	9
60	A Fine-Grained XML Structural Comparison Approach. Lecture Notes in Computer Science, 2007, , 582-598.	1.3	10
61	Structural Similarity Evaluation Between XML Documents and DTDs. Lecture Notes in Computer Science, 2007, , 196-211.	1.3	12