

Ali Jaoua

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

624
citations

758635

12
h-index

676716

22
g-index

74
all docs

74
docs citations

74
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Galois connection, formal concepts and Galois lattice in real relations: application in a real classifier. <i>Journal of Systems and Software</i> , 2002, 60, 149-163.	3.3	82
2	A multi-level conceptual data reduction approach based on the Lukasiewicz implication. <i>Information Sciences</i> , 2004, 163, 253-262.	4.0	80
3	Edge-based compression and classification for smart healthcare systems: Concept, implementation and evaluation. <i>Expert Systems With Applications</i> , 2019, 117, 1-14.	4.4	49
4	Embedding a demonic semilattice in a relation algebra. <i>Theoretical Computer Science</i> , 1995, 149, 333-360.	0.5	36
5	The ICDAR2011 Arabic Writer Identification Contest. , 2011, , .		28
6	ICDAR 2013 Competition on Gender Prediction from Handwriting. , 2013, , .		20
7	An extension of classical functional dependency: dynamic fuzzy functional dependency. <i>Information Sciences</i> , 1999, 119, 219-234.	4.0	19
8	A relational division operator: the conjugate kernel. <i>Theoretical Computer Science</i> , 1993, 114, 247-272.	0.5	18
9	A novel approach for handedness detection from off-line handwriting using fuzzy conceptual reduction. <i>Eurasip Journal on Image and Video Processing</i> , 2016, 2016, .	1.7	18
10	Towards an Inpainting Framework for Visual Cultural Heritage. , 2019, , .		18
11	Using difunctional relations in information organization. <i>Information Sciences</i> , 2000, 125, 153-166.	4.0	16
12	Regularity of relations: A measure of uniformity. <i>Theoretical Computer Science</i> , 1991, 79, 323-339.	0.5	15
13	Conceptual data sampling for breast cancer histology image classification. <i>Computers in Biology and Medicine</i> , 2017, 89, 59-67.	3.9	15
14	Text Categorization Using Hyper Rectangular Keyword Extraction: Application to News Articles Classification. <i>Lecture Notes in Computer Science</i> , 2015, , 312-325.	1.0	13
15	Formal context coverage based on isolated labels: An efficient solution for text feature extraction. <i>Information Sciences</i> , 2012, 188, 198-214.	4.0	12
16	On Faults and Faulty Programs. <i>Lecture Notes in Computer Science</i> , 2014, , 191-207.	1.0	12
17	Semantic metrics for software products. <i>Innovations in Systems and Software Engineering</i> , 2014, 10, 203-217.	1.6	11
18	The use of executable assertions for error detection and damage assessment. <i>Journal of Systems and Software</i> , 1990, 12, 15-37.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Text Summarization Based on Conceptual Data Classification. International Journal of Information Technology and Web Engineering, 2006, 1, 22-36.	1.2	10
20	General learning approach for event extraction: Case of management change event. Journal of Information Science, 2013, 39, 211-224.	2.0	10
21	Automatic handedness detection from off-line handwriting. , 2013, , .		10
22	Using minimal generators for composite isolated point extraction and conceptual binary relation coverage: Application for extracting relevant textual features. Information Sciences, 2016, 336, 129-144.	4.0	8
23	Relational Mathematics for Relative Correctness. Lecture Notes in Computer Science, 2015, , 191-208.	1.0	8
24	Inference engine based on closure and join operators over Truth Table Binary Relations. Journal of Logical and Algebraic Methods in Programming, 2014, 83, 180-193.	0.4	7
25	An Assistive Computerized System for Children with Intellectual and Learning Disabilities. Lecture Notes in Computer Science, 2009, , 9-16.	1.0	7
26	Rectangular decomposition heuristics for documentary databases. Information Sciences, 1997, 102, 187-202.	4.0	6
27	Conceptual Interactive Search Engine Interface for Visually Impaired Web Users. , 2018, , .		6
28	Automatic entity extraction from an N-Ary relation: Toward a general law for information decomposition. Information Sciences, 1995, 87, 153-169.	4.0	5
29	Authenticity detection as a binary text categorization problem: Application to Hadith authentication. , 2016, , .		5
30	Unsupervised Technique for Anomaly Detection in Qatar Stock Market. , 2018, , .		5
31	Breast cancer image classification using pattern-based Hyper Conceptual Sampling method. Informatics in Medicine Unlocked, 2018, 13, 176-185.	1.9	5
32	Conceptual Data Classification: Application for Knowledge Extraction. , 2005, , 453-467.		4
33	Analyze Unstructured Data Patterns for Conceptual Representation. , 2017, , .		4
34	Can search result summaries enhance the web search efficiency and experiences of the visually impaired users?. Universal Access in the Information Society, 2022, 21, 171-192.	2.1	4
35	Data Mining, Reasoning and Incremental Information Retrieval through Non Enlargeable Rectangular Relation Coverage. Lecture Notes in Computer Science, 2009, , 199-210.	1.0	4
36	An Assistive Computerized System with Tangible User Interfaces for Children with Moderate Intellectual and Learning Disabilities. International Journal of Emerging Technologies in Learning, 2011, 6, 11.	0.8	4

#	ARTICLE	IF	CITATIONS
37	On the use of executable assertions in structured programs. Journal of Systems and Software, 1987, 7, 15-28.	3.3	3
38	Signature extraction method in rectangular database. Information Sciences, 1995, 87, 65-78.	4.0	3
39	Using conceptual reasoning for inconsistencies detection in Islamic advisory opinion (Fatwas). , 2015, , .		3
40	Uncertain training data set conceptual reduction: A machine learning perspective. , 2016, , .		3
41	Machine Learning and Conceptual Reasoning for Inconsistency Detection. IEEE Access, 2017, 5, 338-346.	2.6	3
42	What is a fault? and why does it matter?. Innovations in Systems and Software Engineering, 2017, 13, 219-239.	1.6	3
43	Teaching first year programming: a proposal. SIGCSE Bulletin, 1987, 19, 48-52.	0.1	2
44	Automatic architectural abstraction. Information Sciences, 1997, 96, 107-127.	4.0	2
45	USING FRINGES FOR MINIMAL CONCEPTUAL DECOMPOSITION OF BINARY CONTEXTS. New Mathematics and Natural Computation, 2012, 08, 385-394.	0.4	2
46	ConProve: A conceptual prover system. , 2014, , .		2
47	Hyper rectangular trend analysis application to Islamic rulings (fatwas). , 2014, , .		2
48	HDBTracker. Proceedings of the VLDB Endowment, 2014, 7, 1569-1572.	2.1	2
49	A novel Conceptual Machine Learning Method using Random Conceptual Decomposition. , 2020, , .		2
50	Relational methods in computer science. Information Sciences, 2001, 139, 165-166.	4.0	1
51	In-Network Data Reduction Approach Based on Smart Sensing. , 2016, , .		1
52	Mobile app conceptual browser: Online marketplaces information extraction. , 2016, , .		1
53	Optimized Processing of a Batch of Aggregate Queries over Hidden Databases. , 2017, , .		1
54	Text Categorization Using Weighted Hyper Rectangular Keyword Extraction. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
55	Inconsistency Detection in Islamic Advisory Opinions Using Multilevel Text Categorization. Advanced Science Letters, 2017, 23, 4591-4595.	0.2	1
56	Classes extraction from procedural programs. Information Sciences, 2002, 140, 283-294.	4.0	0
57	Cooperative Conceptual Retrieval for Heterogeneous Information. , 2007, , .		0
58	Using a cross-language information retrieval approach to improve Computer-Aided Translation performance. , 2010, , .		0
59	HDBExpDetector: Aggregate Sudden-Change Detector over Dynamic Web Databases. , 2017, , .		0
60	Anomalies Detection in Software by Conceptual Learning From Normal Executions. IEEE Access, 2020, 8, 179845-179856.	2.6	0
61	A Comparative Study of a New Associative Classification Approach for Mining Rare and Frequent Classification Rules. Communications in Computer and Information Science, 2011, , 43-52.	0.4	0
62	An Arabic-Based Tutorial System for Children with Special Needs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 16-20.	0.2	0
63	Incremental Pseudo Rectangular Organization of Information Relative to a Domain. Lecture Notes in Computer Science, 2012, , 264-277.	1.0	0
64	Non-supervised Rectangular Classification of Binary Data. Lecture Notes in Computer Science, 1999, , 642-648.	1.0	0
65	Visualizing Algorithms for the Design and Analysis of Survivable Networks. Lecture Notes in Computer Science, 1999, , 232-241.	1.0	0
66	Sentiment Analysis of Islamic News Data Using Hyper-Concepts. Advanced Science Letters, 2017, 23, 4560-4564.	0.2	0
67	Ranking Disagreement Between Graders: Application to Ranking Hadith Scholars. Advanced Science Letters, 2017, 23, 4575-4579.	0.2	0
68	Prediction of Date and Ideology of Old Islamic Documents. Advanced Science Letters, 2017, 23, 4410-4413.	0.2	0
69	Comparative Study of Extractive Text Summarization Techniques. , 2021, , .		0