Linh Anh Nguyen

List of Publications by Year
in descending order

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59	486	759233 12	888059 17
papers	citations	h-index	g-index

65	65	65	98
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Logical characterizations of fuzzy bisimulations in fuzzy modal logics over residuated lattices. Fuzzy Sets and Systems, 2022, 431, 70-93.	2.7	13
2	Computing crisp simulations for fuzzy labeled transition systems. Journal of Intelligent and Fuzzy Systems, 2022, 42, 3067-3078.	1.4	4
3	Characterization and computation of approximate bisimulations for fuzzy automata. Fuzzy Sets and Systems, 2022, 442, 331-350.	2.7	6
4	Computing Fuzzy Bisimulations for Fuzzy Structures Under the GÃ¶del Semantics. IEEE Transactions on Fuzzy Systems, 2021, 29, 1715-1724.	9.8	16
5	Characterizing Crisp Simulations and Crisp Directed Simulations between Fuzzy Labeled Transition Systems by Using Fuzzy Modal Logics. , 2021, , .		2
6	Characterizing fuzzy simulations for fuzzy labeled transition systems in fuzzy propositional dynamic logic. International Journal of Approximate Reasoning, 2021, 135, 21-37.	3.3	8
7	ExpTime Tableaux with Global Caching for Hybrid PDL. Journal of Automated Reasoning, 2020, 64, 21-52.	1.4	0
8	Bisimulation and bisimilarity for fuzzy description logics under the GÃ¶del semantics. Fuzzy Sets and Systems, 2020, 388, 146-178.	2.7	24
9	Minimizing interpretations in fuzzy description logics under the GÃ¶del semantics by using fuzzy bisimulations. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7669-7678.	1.4	7
10	An expressive and tractable rule-based description language. Enterprise Information Systems, 2019, 13, 1069-1093.	4.7	1
11	The Influence of the Test Operator on the Expressive Power of PDL-like Logics. Journal of Logic and Computation, 2019, 29, 1289-1310.	0.8	0
12	Bisimilarity in Fuzzy Description Logics Under the Zadeh Semantics. IEEE Transactions on Fuzzy Systems, 2019, 27, 1151-1161.	9.8	20
13	Bisimulations for Fuzzy Description Logics with Involutive Negation Under the GÃ¶del Semantics. Lecture Notes in Computer Science, 2019, , 16-30.	1.3	2
14	Computing Bisimulation-Based Comparisons. Fundamenta Informaticae, 2018, 157, 385-401.	0.4	3
15	On the possibility of correct concept learning in description logics. Vietnam Journal of Computer Science, 2018, 5, 3-14.	1.2	5
16	Bisimilarity for paraconsistent descriptionÂlogics. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1203-1215.	1.4	4
17	Extending Query-Subquery Nets for Deductive Databases under the Well-Founded Semantics. Cybernetics and Systems, 2017, 48, 249-266.	2.5	0
18	Queryâ€“subquery nets for Horn knowledge bases in first-order logic. Journal of Information and Telecommunication, 2017, 1, 79-99.	2.8	4

#	Article	IF	Citations
19	A Tractable Rule Language in the Modal and Description Logic that Combines CPDL with Regular Grammar Logic. Fundamenta Informaticae, 2016, 143, 113-139.	0.4	2
20	ExpTime Tableaux with Global Caching for Graded Propositional Dynamic Logic. Fundamenta Informaticae, 2016, 147, 261-288.	0.4	1
21	Design of the Tableau Reasoner TGC2 for Description Logics. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 1315-1333.	0.8	2
22	Bisimulation-based concept learning for information systems in description logics. Vietnam Journal of Computer Science, 2015, 2, 149-167.	1.2	12
23	On bisimulations for description logics. Information Sciences, 2015, 295, 465-493.	6.9	18
24	Towards richer rule languages with polynomial data complexity for the Semantic Web. Data and Knowledge Engineering, 2015, 96-97, 57-77.	3.4	3
25	Designing a Tableau Reasoner for DescriptionÂLogics. Advances in Intelligent Systems and Computing, 2015, , 321-333.	0.6	1
26	An Empirical Approach to Query-Subquery Nets with Tail-Recursion Elimination. Advances in Intelligent Systems and Computing, 2015, , 109-120.	0.6	3
27	An ExpTime Tableau Method for Dealing with Nominals and Qualified Number Restrictions in Deciding the Description Logic SHOQ. Fundamenta Informaticae, 2014, 135, 433-449.	0.4	7
28	WORL: a nonmonotonic rule language for the semantic web. Vietnam Journal of Computer Science, 2014, 1, 57-69.	1.2	11
29	ExpTime tableaux with global state caching for the description logic SHIO. Neurocomputing, 2014, 146, 249-263.	5.9	8
30	The Web Ontology Rule Language OWLÂ2ÂRLâ€‰+â€‰ and Its Extensions. Lecture Notes in Computer Science, 2014, , 152-175.	1.3	1
31	An Improved Depth-First Control Strategy for Query-Subquery Nets in Evaluating Queries to Horn Knowledge Bases. Advances in Intelligent Systems and Computing, 2014, , 281-295.	0.6	3
32	ExpTime Tableaux for Using Sound Global Caching. Journal of Automated Reasoning, 2013, 50, 355-381.	1.4	12
33	A Tableau Method with Optimal Complexity for Deciding the Description Logic SHIQ. Studies in Computational Intelligence, 2013, , 331-342.	0.9	6
34	ExpTime Tableau Decision Procedures for Regular Grammar Logics with Converse. Studia Logica, 2011, 98, 387-428.	0.6	11
35	Converse-PDL with regular inclusion axioms: a framework for MAS logics. Journal of Applied Non-Classical Logics, 2011, 21, 61-91.	0.5	10
36	WORL: A Web Ontology Rule Language. , 2011, , .		8

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37	Cut-Free ExpTime Tableaux for Checking Satisfiability of aÂKnowledge Base in the Description Logic $mathcal{ALCI}$. Lecture Notes in Computer Science, 2011, , 465-475.	1.3	4
38	A Cut-Free ExpTime Tableau Decision Procedure for the Description Logic SHI. Lecture Notes in Computer Science, 2011, , 572-581.	1.3	5
39	Horn Knowledge Bases in Regular Description Logics with PTIME Data Complexity. Fundamenta Informaticae, 2010, 104, 349-384.	0.4	11
40	Tractable approximate knowledge fusion using the Horn fragment of serial propositional dynamic logic. International Journal of Approximate Reasoning, 2010, 51, 346-362.	3.3	19
41	A Framework for Graded Beliefs, Goals and Intentions. Fundamenta Informaticae, 2010, 100, 53-76.	0.4	3
42	Checking Consistency of an ABox w.r.t. Global Assumptions in PDL. Fundamenta Informaticae, 2010, 102, 97-113.	0.4	8
43	Tableaux with Global Caching for Checking Satisfiability of aÂKnowledge Base in the Description Logic $mathcal{SH}$. Lecture Notes in Computer Science, 2010, , 21-38.	1.3	3
44	An Efficient Tableau Prover using Global Caching for the Description Logic ALC. Fundamenta Informaticae, 2009, 93, 273-288.	0.4	23
45	An Optimal Tableau Decision Procedure for Converse-PDL. , 2009, , .		11
46	Clausal Tableaux for Multimodal Logics of Belief. Fundamenta Informaticae, 2009, 94, 21-40.	0.4	10
47	A Tableau Calculus for Regular Grammar Logics with Converse. Lecture Notes in Computer Science, 2009, , 421-436.	1.3	9
48	Modal logic programming revisited. Journal of Applied Non-Classical Logics, 2009, 19, 167-181.	0.5	4
49	Fusing Approximate Knowledge from Distributed Sources. Studies in Computational Intelligence, 2009, , 75-86.	0.9	2
50	ExpTime Tableaux for Checking Satisfiability of a Knowledge Base in the Description Logic $mathcal{ALC}$. Lecture Notes in Computer Science, 2009, , 437-448.	1.3	6
51	Analytic Cut-Free Tableaux for Regular Modal Logics of Agent Beliefs. Lecture Notes in Computer Science, 2008, , 268-287.	1.3	6
52	Constructing Finite Least Kripke Models for Positive Logic Programs in Serial Regular Grammar Logics. Logic Journal of the IGPL, 2007, 16, 175-193.	1.5	17
53	EXPTIME Tableaux with Global Caching for Description Logics with Transitive Roles, Inverse Roles and Role Hierarchies. Lecture Notes in Computer Science, 2007, , 133-148.	1.3	29
54	Multimodal logic programming. Theoretical Computer Science, 2006, 360, 247-288.	0.9	14

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55	Completeness of hyper-resolution via the semantics of disjunctive logic programs. Information Processing Letters, 2005, 95, 363-369.	0.6	1
56	A Tableau Calculus with Automaton-Labelled Formulae for Regular Grammar Logics. Lecture Notes in Computer Science, 2005, , 138-152.	1.3	9
57	Analytic Tableau Systems and Interpolation for the Modal Logics KB, KDB, K5, KD5. Studia Logica, 2001, 69, 41-57.	0.6	16
58	Constructing the Least Models for Positive Modal Logic Programs. Fundamenta Informaticae, 2000, 42, 29-60.	0.4	12
59	Logical Characterizations of Fuzzy Simulations. Cybernetics and Systems, 0, , 1-18.	2.5	1