Son Tran

List of Publications by Year
in descending order

45 papers	622 citations	759233 12 h-index	677142 22 g-index
48 all docs	48 docs citations	48 times ranked	307 citing authors

#	Article	IF	Citations
1	Specifying and Reasoning about CPS through the Lens of the NIST CPS Framework. Theory and Practice of Logic Programming, 2023, 23, 1029-1069.	1.5	4
2	Answer Set Planning: A Survey. Theory and Practice of Logic Programming, 2023, 23, 226-298.	1.5	3
3	An action language for multi-agent domains. Artificial Intelligence, 2022, 302, 103601.	5.8	10
4	Developing Future Wearable Interfaces for Human-Drone Teams through a Virtual Drone Search Game. International Journal of Human Computer Studies, 2021, 147, 102573.	5.6	14
5	Reasoning About Trustworthiness in Cyber-Physical Systems Using Ontology-Based Representation and ASP. Lecture Notes in Computer Science, 2021, , 51-67.	1.3	1
6	An Application of ASP in Nuclear Engineering: Explaining the Three Mile Island Nuclear Accident Scenario. Theory and Practice of Logic Programming, 2020, 20, 926-941.	1.5	2
7	A Framework of Input Devices to Support Designing Composite Wearable Computers. Lecture Notes in Computer Science, 2020, , 401-427.	1.3	6
8	Explainable Planning Using Answer Set Programming. , 2020, , .		7
9	A parallel memory-efficient epistemic logic program solver: harder, better, faster. Annals of Mathematics and Artificial Intelligence, 2019, 86, 61-85.	1.3	0
10	A distributed solver for multi-agent path finding problems. , 2019, , .		10
11	Reinforcement Learning Framework to Identify Cause of Diseases - Predicting Asthma Attack Case. , 2019, , .		3
12	Natural Language Generation from Ontologies. Lecture Notes in Computer Science, 2019, , 64-81.	1.3	3
13	Experimenting with robotic intra-logistics domains. Theory and Practice of Logic Programming, 2018, 18, 502-519.	1.5	10
14	Phylotastic: An Experiment in Creating, Manipulating, and Evolving Phylogenetic Biology Workflows Using Logic Programming. Theory and Practice of Logic Programming, 2018, 18, 656-672.	1.5	6
15	Answer Set Planning in Single- and Multi-agent Environments. KI - Kunstliche Intelligenz, 2018, 32, 133-141.	3.2	3
16	Solving distributed constraint optimization problems using logic programming. Theory and Practice of Logic Programming, 2017, 17, 634-683.	1.5	1
17	Introduction to the 33rd international conference on logic programming special issue. Theory and Practice of Logic Programming, 2017, 17, 684-688.	1.5	0
18	Generalized Target Assignment and Path Finding Using Answer Set Programming. , 2017, , .		26

#	ARTICLE	IF	CITATIONS
19	On Computing World Views of Epistemic Logic Programs. , 2017, , .		6
20	A generic approach to planning in the presence of incomplete information: Theory and implementation (Extended Abstract). , 2017, , .		0
21	Big Data and mHealth Drive Asthma Self-Management. , 2015, , .		5
22	A generic approach to planning in the presence of incomplete information: Theory and implementation. Artificial Intelligence, 2015, 227, 1-51.	5.8	11
23	Formalizing Negotiations Using Logic Programming. ACM Transactions on Computational Logic, 2014, 15, 1-30.	0.9	6
24	Incremental Information Extraction Using Relational Databases. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 86-99.	5.7	21
25	Approximation of action theories and its application to conformant planning. Artificial Intelligence, 2011, 175, 79-119.	5.8	27
26	Planning for Multiagent Using ASP-Prolog. Lecture Notes in Computer Science, 2010, , 1-21.	1.3	9
27	Reasoning about Multi-agent Domains Using Action Language $\mathcal{C}$: A Preliminary Study. Lecture Notes in Computer Science, 2010, , 46-63.	1.3	2
28	Applications of parallel processing technologies in heuristic search planning: methodologies and experiments. Concurrency Computation Practice and Experience, 2009, 21, 1928-1960.	2.2	0
29	Justifications for logic programs under answer set semantics. Theory and Practice of Logic Programming, 2009, 9, 1-56.	1.5	47
30	Logic Programming for Multiagent Planning with Negotiation. Lecture Notes in Computer Science, 2009, , 99-114.	1.3	18
31	Improving Performance of Conformant Planners: Static Analysis of Declarative Planning Domain Specifications. Lecture Notes in Computer Science, 2008, , 239-253.	1.3	13
32	Reasoning and planning with sensing actions, incomplete information, and static causal laws using answer set programming. Theory and Practice of Logic Programming, 2007, 7, 377-450.	1.5	28
33	A Constructive semantic characterization of aggregates in answer set programming. Theory and Practice of Logic Programming, 2007, 7, 355-375.	1.5	53
34	A Framework for Composition and Inter-operation of Rules in the Semantic Web. , 2006, , .		4
35	Planning with preferences using logic programming. Theory and Practice of Logic Programming, 2006, 6, 559-607.	1.5	39
36	Domain-dependent knowledge in answer set planning. ACM Transactions on Computational Logic, 2006, 7, 613-657.	0.9	38

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37	Reasoning about Sensing Actions in Domains with Multi-Valued Fluents. Studia Logica, 2005, 79, 135-160.	0.6	0
38	An Approximation of Action Theories of $\mathcal{AL}$ and Its Application to Conformant Planning. Lecture Notes in Computer Science, 2005, , 172-184.	1.3	6
39	Reasoning about Actions and Planning with Preferences Using Prioritized Default Theory. Computational Intelligence, 2004, 20, 358-404.	3.2	2
40	Smodels with CLP and Its Applications: A Simple and Effective Approach to Aggregates in ASP. Lecture Notes in Computer Science, 2004, , 73-89.	1.3	21
41	Introduction to the special issue on Programming with answer sets. Theory and Practice of Logic Programming, 2003, 3, 387-391.	1.5	0
42	An argument-based approach to reasoning with specificity. Artificial Intelligence, 2001, 133, 35-85.	5.8	23
43	Formalizing sensing actionsâ€" A transition function based approach. Artificial Intelligence, 2001, 125, 19-91.	5.8	81
44	Reasoning with prioritized defaults. Lecture Notes in Computer Science, 1998, , 164-223.	1.3	36
45	Planning with Incomplete Information in Quantified Answer Set Programming. Theory and Practice of Logic Programming, 0, , 1-17.	1.5	5