Pietro Sala

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3646497/publications.pdf

Version: 2024-02-01

62	431	1040056	996975
papers	citations	9	15
		h-index	g-index

62	62	62	132
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactive synthesis from interval temporal logic specifications. Theoretical Computer Science, 2022, 899, 48-79.	0.9	1
2	Checking Sets of Pure Evolving Association Rules. Fundamenta Informaticae, 2021, 178, 283-313.	0.4	1
3	TEDAR: Temporal dynamic signal detection of adverse reactions. Artificial Intelligence in Medicine, 2021, 122, 102212.	6.5	2
4	Multistage Latissimus Dorsi Flap with Implant for Complex Post-Mastectomy Reconstruction: An Old but Still Current Technique. Breast Care, 2021, 16, 396-401.	1.4	5
5	Beyond Ï‰-regular languages: Ï‰T-regular expressions and their automata and logic counterparts. Theoretical Computer Science, 2020, 813, 270-304.	0.9	1
6	Discovering Evolving Temporal Information: Theory and Application to Clinical Databases. SN Computer Science, 2020, 1, 1.	3.6	2
7	Lower Lip and Chin Reconstruction with Functional Myocutaneous Gracilis Flap. Indian Journal of Plastic Surgery, 2019, 52, 242-245.	0.5	3
8	Decidability and complexity of the fragments of the modal logic of Allen's relations over the rationals. Information and Computation, 2019, 266, 97-125.	0.7	5
9	Interval vs. Point Temporal Logic Model Checking. ACM Transactions on Computational Logic, 2019, 20, 1-31.	0.9	9
10	On coarser interval temporal logics. Artificial Intelligence, 2019, 266, 1-26.	5.8	6
11	Which fragments of the interval temporal logic HS are tractable in model checking?. Theoretical Computer Science, 2019, 764, 125-144.	0.9	6
12	Model checking for fragments of the interval temporal logic HS at the low levels of the polynomial time hierarchy. Information and Computation, 2018, 262, 241-264.	0.7	6
13	A Logical Formalization of Time-Critical Processes with Resources. Lecture Notes in Business Information Processing, 2018, , 20-36.	1.0	1
14	Discovering Quantitative Temporal Functional Dependencies on Clinical Data. , 2017, , .		6
15	Driving time-dependent paths in clinical BPMN processes. , 2017, , .		2
16	Bounded Timed Propositional Temporal Logic with Past Captures Timeline-based Planning with Bounded Constraints. , 2017, , .		4
17	Interval Temporal Logic Model Checking: The Border Between Good and Bad HS Fragments. Lecture Notes in Computer Science, 2016, , 389-405.	1.3	6
18	Adding one or more equivalence relations to the interval temporal logic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="sans-serif">AB</mml:mi></mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="sans-serif">B</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:math>. Theoretical Computer Science, 2	0.9	2

#	Article	IF	Citations
19	Mining approximate interval-based temporal dependencies. Acta Informatica, 2016, 53, 547-585.	0.5	5
20	Metric propositional neighborhood logic with an equivalence relation. Acta Informatica, 2016, 53, 621-648.	0.5	1
21	Prompt Interval Temporal Logic. Lecture Notes in Computer Science, 2016, , 207-222.	1.3	2
22	A Framework for Mining Evolution Rules and Its Application to the Clinical Domain. , 2015, , .		4
23	The Price of Evolution in Temporal Databases. , 2015, , .		3
24	Mining approximate temporal functional dependencies with pure temporal grouping in clinical databases. Computers in Biology and Medicine, 2015, 62, 306-324.	7.0	21
25	On the Complexity of Fragments of the Modal Logic of Allenâ€™s Relations over Dense Structures. Lecture Notes in Computer Science, 2015, , 511-523.	1.3	5
26	On Coarser Interval Temporal Logics and their Satisfiability Problem. Lecture Notes in Computer Science, 2015, , 105-115.	1.3	1
27	Approximate Interval-Based Temporal Dependencies: The Complexity Landscape. , 2014, , .		4
28	Metric Propositional Neighborhood Logic with an Equivalence Relation. , 2014, , .		2
29	Interval temporal logics over strongly discrete linear orders: Expressiveness and complexity. Theoretical Computer Science, 2014, 560, 269-291.	0.9	21
30	Interval-based temporal functional dependencies: specification and verification. Annals of Mathematics and Artificial Intelligence, 2014, 71, 85-130.	1.3	4
31	Decidability of the Interval Temporal Logic $mathsf{Aar{A}Bar{B}}$ over the Rationals. Lecture Notes in Computer Science, 2014, , 451-463.	1.3	3
32	Optimal decision procedures for MPNL over finite structures, the natural numbers, and the integers. Theoretical Computer Science, 2013, 493, 98-115.	0.9	7
33	Mining Approximate Temporal Functional Dependencies Based on Pure Temporal Grouping. , 2013, , .		10
34	Adding an Equivalence Relation to the Interval Logic ABB: Complexity and Expressiveness. , 2013, , .		5
35	Interval Logics and Ï‰B-Regular Languages. Lecture Notes in Computer Science, 2013, , 431-443.	1.3	6
36	ON BEGINS, MEETS AND BEFORE. International Journal of Foundations of Computer Science, 2012, 23, 559-583.	1.1	10

#	Article	IF	Citations
37	An Optimal Tableau System for the Logic of Temporal Neighborhood over the Reals. , 2012, , .		4
38	The Importance of the Past in Interval Temporal Logics: The Case of Propositional Neighborhood Logic. Lecture Notes in Computer Science, 2012, , 79-102.	1.3	2
39	Temporal Functional Dependencies Based on Interval Relations. , 2011, , .		4
40	What's Decidable about Halpern and Shoham's Interval Logic? The Maximal Fragment ABBL. , 2011, , .		16
41	Optimal Tableau Systems for Propositional Neighborhood Logic over All, Dense, and Discrete Linear Orders. Lecture Notes in Computer Science, 2011, , 73-87.	1.3	9
42	A Uniform Framework for Temporal Functional Dependencies with Multiple Granularities. Lecture Notes in Computer Science, 2011, , 404-421.	1.3	13
43	Tableaux for Logics of Subinterval Structures over Dense Orderings. Journal of Logic and Computation, 2010, 20, 133-166.	0.8	41
44	A Decidable Spatial Generalization of Metric Interval Temporal Logic. , 2010, , .		13
45	Decidability of the Logics of the Reflexive Sub-interval and Super-interval Relations over Finite Linear Orders. , 2010, , .		10
46	Maximal Decidable Fragments of Halpern and Shohamâ€™s Modal Logic of Intervals. Lecture Notes in Computer Science, 2010, , 345-356.	1.3	28
47	Complete and Terminating Tableau for the Logic of Proper Subinterval Structures Over Dense Orderings. Electronic Notes in Theoretical Computer Science, 2009, 231, 131-151.	0.9	1
48	A Tableau-Based System for Spatial Reasoning about Directional Relations. Lecture Notes in Computer Science, 2009, , 123-137.	1.3	2
49	A Decidable Spatial Logic with Cone-Shaped Cardinal Directions. Lecture Notes in Computer Science, 2009, , 394-408.	1.3	17
50	An optimal tableau for Right Propositional Neighborhood Logic over Trees. , 2008, , .		3
51	Optimal Tableaux for Right Propositional Neighborhood Logic over Linear Orders. Lecture Notes in Computer Science, 2008, , 62-75.	1.3	10
52	An Optimal Tableau-Based Decision Algorithm for Propositional Neighborhood Logic. , 2007, , 549-560.		21
53	Tableau Systems for Logics of Subinterval Structures over Dense Orderings. Lecture Notes in Computer Science, 2007, , 73-89.	1.3	7
54	A general tableau method for propositional interval temporal logics: Theory and implementation. Journal of Applied Logic, 2006, 4, 305-330.	1.1	26

#	Article	IF	Citations
55	Adding the Relation Meets to the Temporal Logic of Prefixes and Infixes makes it EXPSPACE-Complete. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 346, 179-194.	0.8	2
56	A decidable weakening of Compass Logic based on cone-shaped cardinal directions. Logical Methods in Computer Science, 0, Volume 11, Issue 4, .	0.4	7
57	Model Checking the Logic of Allen's Relations Meets and Started-by is P^NP-Complete. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 226, 76-90.	0.8	3
58	Interval Temporal Logics over Strongly Discrete Linear Orders: the Complete Picture. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 96, 155-168.	0.8	8
59	Begin, After, and Later: a Maximal Decidable Interval Temporal Logic. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 25, 72-88.	0.8	0
60	An Optimal Decision Procedure for MPNL over the Integers. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 54, 192-206.	0.8	0
61	Interval-based Synthesis. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 161, 102-115.	0.8	1
62	Beyond Ï‰BS-regular Languages: Ï‰T-regular Expressions and Counter-Check Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 256, 223-237.	0.8	1