Cristina Sernadas

List of Publications by Year
in descending order

63 papers	528 citations	933447 10 h-index	752698 20 g-index
63 all docs	63 docs citations	63 times ranked	125 citing authors

#	ARTICLE	IF	CITATIONS
1	Time-stamped claim logic. Logic Journal of the IGPL, 2021, 29, 303-332.	1.5	2
2	REDUCTION TECHNIQUES FOR PROVING DECIDABILITY IN LOGICS AND THEIR MEETâ€"COMBINATION. Bulletin of Symbolic Logic, 2021, 27, 39-66.	0.2	1
3	Event-Based Time-Stamped Claim Logic. Journal of Logical and Algebraic Methods in Programming, 2021, 121, 100684.	0.5	0
4	Schema Complexity in Propositional-Based Logics. Mathematics, 2021, 9, 2671.	2.2	0
5	Essential Structure of Proofs as a Measure of Complexity. Logica Universalis, 2020, 14, 209-242.	0.2	1
6	Quantifier Elimination. Studies in Universal Logic, 2020, , 101-141.	0.2	0
7	On probability and logic. Portugaliae Mathematica, 2018, 74, 267-313.	0.4	3
8	Decision and optimization problems in the unreliable-circuit logic. Logic Journal of the IGPL, 2017, 25, 283-308.	1.5	1
9	PRESERVATION OF ADMISSIBLE RULES WHEN COMBINING LOGICS. Review of Symbolic Logic, 2016, 9, 641-663.	0.7	3
10	A Roadmap to Decidability. Studies in Universal Logic, 2015, , 423-445.	0.2	2
11	Fibring as Biporting Subsumes Asymmetric Combinations. Studia Logica, 2014, 102, 1041-1074.	0.6	1
12	Approximate reasoning about logic circuits with single-fan-out unreliable gates. Journal of Logic and Computation, 2014, 24, 1023-1069.	0.8	4
13	Craig Interpolation in the Presence of Unreliable Connectives. Logica Universalis, 2014, 8, 423-446.	0.2	1
14	Preservation of Craig interpolation by the product of matrix logics. Journal of Applied Logic, 2013, 11, 328-349.	1.1	4
15	Importing Logics: Soundness and Completeness Preservation. Studia Logica, 2013, 101, 117-155.	0.6	5
16	Completeness and interpolation of almostâ€everywhere quantification over finitely additive measures. Mathematical Logic Quarterly, 2013, 59, 286-302.	0.2	1
17	On meet-combination of logics. Journal of Logic and Computation, 2012, 22, 1453-1470.	0.8	10
18	Importing Logics. Studia Logica, 2012, 100, 545-581.	0.6	7

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19	On Combined Connectives. Logica Universalis, 2011, 5, 205-224.	0.2	4
20	Preservation by fibring of the finite model property. Journal of Logic and Computation, 2011, 21, 375-402.	0.8	7
21	Fusion of sequent modal logic systems labelled with truth values. Logic Journal of the IGPL, 2010, 18, 893-920.	1.5	0
22	On Graph-theoretic Fibring of Logics. Journal of Logic and Computation, 2009, 19, 1321-1357.	0.8	8
23	A Graph-theoretic Account of Logics. Journal of Logic and Computation, 2009, 19, 1281-1320.	0.8	11
24	Interpolation via translations. Mathematical Logic Quarterly, 2009, 55, 515-534.	0.2	3
25	Extending Classical Logic for Reasoning About Quantum Systems. , 2009, , 325-371.		5
26	Complete Axiomatization of Discrete-Measure Almost-Everywhere Quantification. Journal of Logic and Computation, 2008, 18, 885-911.	0.8	4
27	Heterogeneous Fibring of Deductive Systems Via Abstract Proof Systems. Logic Journal of the IGPL, 2007, 16, 121-153.	1.5	4
28	Preservation of Interpolation Features by Fibring. Journal of Logic and Computation, 2007, 18, 123-151.	0.8	10
29	Quantum Institutions. Lecture Notes in Computer Science, 2006, , 50-64.	1.3	6
30	Modal Sequent Calculi Labelled with Truth Values: Cut Elimination. Logic Journal of the IGPL, 2005, 13, 173-199.	1.5	10
31	Modal Sequent Calculi Labelled with Truth Values: Completeness, Duality and Analyticity. Logic Journal of the IGPL, 2004, 12, 227-274.	1.5	5
32	Categorical foundations for randomly timed automata. Theoretical Computer Science, 2003, 308, 393-427.	0.9	0
33	Fibring Logics with Topos Semantics. Journal of Logic and Computation, 2003, 13, 595-624.	0.8	9
34	Truth-values as labels: a general recipe for labelled deduction. Journal of Applied Non-Classical Logics, 2003, 13, 277-315.	0.5	3
35	Fibring Labelled Deduction Systems. Journal of Logic and Computation, 2002, 12, 443-473.	0.8	22
36	Modulated fibring and the collapsing problem. Journal of Symbolic Logic, 2002, 67, 1541-1569.	0.5	28

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37	A two-level temporal logic for evolving specifications. Information Processing Letters, 2002, 83, 167-172.	0.6	1
38	Labelled Deduction over Algebras of Truth-Values*. Lecture Notes in Computer Science, 2002, , 222-239.	1.3	3
39	Fibring: completeness preservation. Journal of Symbolic Logic, 2001, 66, 414-439.	0.5	49
40	Probabilistic Situation Calculus. Annals of Mathematics and Artificial Intelligence, 2001, 32, 393-431.	1.3	22
41	NON-DETERMINISM AND UNCERTAINTY IN THE SITUATION CALCULUS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2000, 08, 127-149.	1.9	11
42	Realization of Probabilistic Automata: Categorical Approach. Lecture Notes in Computer Science, 2000, , 237-251.	1.3	1
43	Precategories for Combining Probabilistic Automata. Electronic Notes in Theoretical Computer Science, 1999, 29, 169-186.	0.9	7
44	Parameterisation of Logics. Lecture Notes in Computer Science, 1999, , 48-63.	1.3	9
45	Denotational semantics of object specification. Acta Informatica, 1998, 35, 729-773.	0.5	9
46	Evolving Logical Specification in Information Systems. , 1998, , 199-228.		7
47	Synchronization of logics with mixed rules: Completeness preservation. Lecture Notes in Computer Science, 1997, , 465-478.	1.3	8
48	Synchronization of Logics. Studia Logica, 1997, 59, 217-247.	0.6	17
49	A temporal logic approach to object certification. Data and Knowledge Engineering, 1996, 19, 267-294.	3.4	8
50	TROLL. ACM Transactions on Information Systems, 1996, 14, 175-211.	4.9	65
51	Object Specification Logic. Journal of Logic and Computation, 1995, 5, 603-630.	0.8	37
52	Object inheritance beyond subtyping. Acta Informatica, 1994, 31, 5-26.	0.5	11
53	The Reification Dimension in Object-oriented Data Base Design. Workshops in Computing, 1992, , 275-299.	0.4	6
54	Formal specification of object systems. Lecture Notes in Computer Science, 1991, , 60-82.	1.3	27

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55	Towards object-oriented conceptual modeling. Data and Knowledge Engineering, 1991, 6, 479-508.	3.4	14
56	Abstract data type semantics for many-sorted object query algebras. Lecture Notes in Computer Science, 1991, , 291-307.	1.3	1
57	Modular construction of logic knowledge bases: An algebraic approach. Information Systems, 1990, 15, 37-59.	3.6	3
58	An object-oriented specification tool for graphical interfaces. Computers and Graphics, 1990, 14, 29-40.	2.5	2
59	Abstract object types for databases. Lecture Notes in Computer Science, 1988, , 144-149.	1.3	9
60	Knowledgebases as structured theories. Lecture Notes in Computer Science, 1988, , 469-486.	1.3	1
61	COMMUNICATING KNOWLEDGE SYSTEMS: Part Iâ€"Big Talk among Small Systems. Applied Artificial Intelligence, 1987, 1, 233-260.	3.2	6
62	COMMUNICATING KNOWLEDGE SYSTEMS: Part IIâ€"Big Talk among Small Systems. Applied Artificial Intelligence, 1987, 1, 315-335.	3.2	4
63	Temporal Logics for Reasoning about Quantum Systems. , 0, , 389-413.		5