Franco Montagna

List of Publications by Year
in descending order

45 papers	1,376 citations	394286 19 h-index	330025 37 g-index
49 all docs	49 docs citations	49 times ranked	247 citing authors

#	Article	IF	Citations
1	A Proof of Standard Completeness for Esteva and Godo's Logic MTL. Studia Logica, 2002, 70, 183-192.	0.4	178
2	Substructural fuzzy logics. Journal of Symbolic Logic, 2007, 72, 834-864.	0.4	118
3	The LPi and $LPirac{1}{2}$ logics: two complete fuzzy systems joining Åukasiewicz and Product Logics. Archive for Mathematical Logic, 2001, 40, 39-67.	0.2	106
4	MV-algebras with internal states and probabilistic fuzzy logics. International Journal of Approximate Reasoning, 2009, 50, 138-152.	1.9	98
5	Distinguished algebraic semantics for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>t</mml:mi></mml:math>-norm based fuzzy logics: Methods and algebraic equivalencies. Annals of Pure and Applied Logic, 2009, 160, 53-81.	0.3	88
6	On the Standard and Rational Completeness of some Axiomatic Extensions of the Monoidal T-norm Logic. Studia Logica, 2002, 71, 199-226.	0.4	86
7	Hoops and Fuzzy Logic. Journal of Logic and Computation, 2003, 13, 532-555.	0.5	84
8	An Algebraic Approach to Propositional Fuzzy Logic. Journal of Logic, Language and Information, 2000, 9, 91-124.	0.4	70
9	On a class of left-continuous t-norms. Fuzzy Sets and Systems, 2002, 131, 283-296.	1.6	39
10	The predicate modal logic of provability.. Notre Dame Journal of Formal Logic, 1984, 25, 179.	0.2	38
11	Algebraic and proof-theoretic characterizations of truth stressers for MTL and its extensions. Fuzzy Sets and Systems, 2010, 161, 369-389.	1.6	38
12	Adding structure to MV-algebras. Journal of Pure and Applied Algebra, 2001, 164, 365-387.	0.3	36
13	Kripke Semantics, Undecidability and Standard Completeness for Esteva and Godo's Logic MTLâˆ€. Studia Logica, 2002, 71, 227-245.	0.4	35
14	Complexity of t-tautologies. Annals of Pure and Applied Logic, 2001, 113, 3-11.	0.3	33
15	Subreducts of MV-algebras with product and product residuation. Algebra Universalis, 2005, 53, 109-137.	0.2	31
16	A general method for constructing left-continuous t-norms. Fuzzy Sets and Systems, 2003, 136, 263-282.	1.6	28
17	On the predicate logics of continuous t-norm BL-algebras. Archive for Mathematical Logic, 2005, 44, 97-114.	0.2	27
18	A logical and algebraic treatment of conditional probability. Archive for Mathematical Logic, 2005, 44, 245-262.	0.2	24

#	ARTICLE	IF	CITATIONS
19	Triangular norms and uninorms definable in <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.international	1.9	22
20	Functorial Representation Theorems for MVÎ” Algebras with Additional Operators. Journal of Algebra, 2001, 238, 99-125.	0.4	18
21	State morphism MV-algebras. International Journal of Approximate Reasoning, 2011, 52, 1215-1228.	1.9	15
22	n-Contractive BL-logics. Archive for Mathematical Logic, 2011, 50, 257-285.	0.2	15
23	A note on the firstâ€order logic of complete BLâ€chains. Mathematical Logic Quarterly, 2008, 54, 435-446.	0.2	14
24	Imprecise probabilities, bets and functional analytic methods in Åukasiewicz logic. Forum Mathematicum, 2013, 25, .	0.3	13
25	A logical characterization of coherence for imprecise probabilities. International Journal of Approximate Reasoning, 2011, 52, 1147-1170.	1.9	12
26	Completeness with respect to a chain and universal models in fuzzy logic. Archive for Mathematical Logic, 2011, 50, 161-183.	0.2	11
27	A Categorical Equivalence for Product Algebras. Studia Logica, 2015, 103, 345-373.	0.4	11
28	Learning to Coordinate; a Recursion Theoretic Perspective. SynthÃˆse, 1999, 118, 363-382.	0.6	9
29	Non-standard probability, coherence and conditional probability on many-valued events. International Journal of Approximate Reasoning, 2013, 54, 573-589.	1.9	9
30	The consequence relation in the logic of commutative GBL-algebras is PSPACE-complete. Theoretical Computer Science, 2009, 410, 1143-1158.	0.5	8
31	On first-order theories with provability operator. Journal of Symbolic Logic, 1994, 59, 1139-1153.	0.4	7
32	Quantifier Elimination and Other Model-Theoretic Properties of BL-Algebras. Notre Dame Journal of Formal Logic, 2011, 52, .	0.2	7
33	Notes on Strong Completeness in Åukasiewicz, Product and BL Logics and in Their First-Order Extensions. Lecture Notes in Computer Science, 2007, , 247-274.	1.0	7
34	Logic and probabilistic systems. Archive for Mathematical Logic, 1996, 35, 225-261.	0.2	6
35	Supersound many-valued logics and Dedekind-MacNeille completions. Archive for Mathematical Logic, 2009, 48, 719-736.	0.2	6
36	A classification of certain group-like FL $$_e$$ e -chains. SynthÃˆse, 2015, 192, 2095-2121.	0.6	6

#	Article	IF	Citations
37	Î"-core Fuzzy Logics with Propositional Quantifiers, Quantifier Elimination and Uniform Craig Interpolation. Studia Logica, 2012, 100, 289-317.	0.4	4
38	Trakhtenbrot Theorem and First-Order Axiomatic Extensions of MTL. Studia Logica, 2015, 103, 1163-1181.	0.4	4
39	An algebraic treatment of quantifier-free systems of arithmetic. Archive for Mathematical Logic, 1996, 35, 209-224.	0.2	3
40	Partially Undetermined Many-Valued Events and Their Conditional Probability. Journal of Philosophical Logic, 2012, 41, 563-593.	0.6	3
41	Archimedean classes in integral commutative residuated chains. Mathematical Logic Quarterly, 2009, 55, 320-336.	0.2	2
42	A Note on Relative Efficiency of Axiom Systems. Mathematical Logic Quarterly, 1994, 40, 261-272.	0.2	1
43	A Short Note on Essentially Î£1 Sentences. Logica Universalis, 2013, 7, 103-111.	0.1	1
44	RÃ©nyi-Ulam Game Semantics for Product Logic and for the Logic of Cancellative Hoops. Lecture Notes in Computer Science, 2007, , 231-246.	1.0	1
45	An algebraic treatment of imprecise probabilities. Demonstratio Mathematica, 2011, 44, .	0.6	0