

Franco Montagna

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Trakhtenbrot Theorem and First-Order Axiomatic Extensions of MTL. <i>Studia Logica</i> , 2015, 103, 1163-1181.	0.4	4
2	A Categorical Equivalence for Product Algebras. <i>Studia Logica</i> , 2015, 103, 345-373.	0.4	11
3	A classification of certain group-like FL \mathcal{L}_e -chains. <i>Synthese</i> , 2015, 192, 2095-2121.	0.6	6
4	Non-standard probability, coherence and conditional probability on many-valued events. <i>International Journal of Approximate Reasoning</i> , 2013, 54, 573-589.	1.9	9
5	A Short Note on Essentially $\hat{\mathbb{1}}$ Sentences. <i>Logica Universalis</i> , 2013, 7, 103-111.	0.1	1
6	Imprecise probabilities, bets and functional analytic methods in Łukasiewicz logic. <i>Forum Mathematicum</i> , 2013, 25, .	0.3	13
7	Partially Undetermined Many-Valued Events and Their Conditional Probability. <i>Journal of Philosophical Logic</i> , 2012, 41, 563-593.	0.6	3
8	$\hat{\mathbb{1}}$ -core Fuzzy Logics with Propositional Quantifiers, Quantifier Elimination and Uniform Craig Interpolation. <i>Studia Logica</i> , 2012, 100, 289-317.	0.4	4
9	Quantifier Elimination and Other Model-Theoretic Properties of BL-Algebras. <i>Notre Dame Journal of Formal Logic</i> , 2011, 52, .	0.2	7
10	An algebraic treatment of imprecise probabilities. <i>Demonstratio Mathematica</i> , 2011, 44, .	0.6	0
11	A logical characterization of coherence for imprecise probabilities. <i>International Journal of Approximate Reasoning</i> , 2011, 52, 1147-1170.	1.9	12
12	State morphism MV-algebras. <i>International Journal of Approximate Reasoning</i> , 2011, 52, 1215-1228.	1.9	15
13	Completeness with respect to a chain and universal models in fuzzy logic. <i>Archive for Mathematical Logic</i> , 2011, 50, 161-183.	0.2	11
14	n-Contractive BL-logics. <i>Archive for Mathematical Logic</i> , 2011, 50, 257-285.	0.2	15
15	Algebraic and proof-theoretic characterizations of truth stressers for MTL and its extensions. <i>Fuzzy Sets and Systems</i> , 2010, 161, 369-389.	1.6	38
16	The consequence relation in the logic of commutative GBL-algebras is PSPACE-complete. <i>Theoretical Computer Science</i> , 2009, 410, 1143-1158.	0.5	8
17	Supersound many-valued logics and Dedekind-MacNeille completions. <i>Archive for Mathematical Logic</i> , 2009, 48, 719-736.	0.2	6
18	MV-algebras with internal states and probabilistic fuzzy logics. <i>International Journal of Approximate Reasoning</i> , 2009, 50, 138-152.	1.9	98

#	ARTICLE	IF	CITATIONS
19	Distinguished algebraic semantics for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \text{t} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -norm based fuzzy logics: Methods and algebraic equivalencies. <i>Annals of Pure and Applied Logic</i> , 2009, 160, 53-81.	0.3	88
20	Archimedean classes in integral commutative residuated chains. <i>Mathematical Logic Quarterly</i> , 2009, 55, 320-336.	0.2	2
21	A note on the first-order logic of complete BL-chains. <i>Mathematical Logic Quarterly</i> , 2008, 54, 435-446.	0.2	14
22	On triangular norms and uninorms definable in $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ $\text{xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema"}$ $\text{xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd"}$ $\text{xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"}$ $\text{xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"}$ $\text{xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www. International$	1.9	22
23	Substructural fuzzy logics. <i>Journal of Symbolic Logic</i> , 2007, 72, 834-864.	0.4	118
24	Notes on Strong Completeness in \dot{A} ukasiewicz, Product and BL Logics and in Their First-Order Extensions. <i>Lecture Notes in Computer Science</i> , 2007, , 247-274.	1.0	7
25	R \dot{A} nyi-Ulam Game Semantics for Product Logic and for the Logic of Cancellative Hoops. <i>Lecture Notes in Computer Science</i> , 2007, , 231-246.	1.0	1
26	Subreducts of MV-algebras with product and product residuation. <i>Algebra Universalis</i> , 2005, 53, 109-137.	0.2	31
27	On the predicate logics of continuous t-norm BL-algebras. <i>Archive for Mathematical Logic</i> , 2005, 44, 97-114.	0.2	27
28	A logical and algebraic treatment of conditional probability. <i>Archive for Mathematical Logic</i> , 2005, 44, 245-262.	0.2	24
29	A general method for constructing left-continuous t-norms. <i>Fuzzy Sets and Systems</i> , 2003, 136, 263-282.	1.6	28
30	Hoops and Fuzzy Logic. <i>Journal of Logic and Computation</i> , 2003, 13, 532-555.	0.5	84
31	On a class of left-continuous t-norms. <i>Fuzzy Sets and Systems</i> , 2002, 131, 283-296.	1.6	39
32	A Proof of Standard Completeness for Esteva and Godo's Logic MTL. <i>Studia Logica</i> , 2002, 70, 183-192.	0.4	178
33	Kripke Semantics, Undecidability and Standard Completeness for Esteva and Godo's Logic MTL $\hat{=}$. <i>Studia Logica</i> , 2002, 71, 227-245.	0.4	35
34	On the Standard and Rational Completeness of some Axiomatic Extensions of the Monoidal T-norm Logic. <i>Studia Logica</i> , 2002, 71, 199-226.	0.4	86
35	The $\$LPi\$$ and $\$LPi_{\{1\}\{2\}}\$$ logics: two complete fuzzy systems joining \dot{A} ukasiewicz and Product Logics. <i>Archive for Mathematical Logic</i> , 2001, 40, 39-67.	0.2	106
36	Complexity of t-tautologies. <i>Annals of Pure and Applied Logic</i> , 2001, 113, 3-11.	0.3	33

#	ARTICLE	IF	CITATIONS
37	Functorial Representation Theorems for MV^* Algebras with Additional Operators. Journal of Algebra, 2001, 238, 99-125.	0.4	18
38	Adding structure to MV-algebras. Journal of Pure and Applied Algebra, 2001, 164, 365-387.	0.3	36
39	An Algebraic Approach to Propositional Fuzzy Logic. Journal of Logic, Language and Information, 2000, 9, 91-124.	0.4	70
40	Learning to Coordinate; a Recursion Theoretic Perspective. Synthese, 1999, 118, 363-382.	0.6	9
41	An algebraic treatment of quantifier-free systems of arithmetic. Archive for Mathematical Logic, 1996, 35, 209-224.	0.2	3
42	Logic and probabilistic systems. Archive for Mathematical Logic, 1996, 35, 225-261.	0.2	6
43	On first-order theories with provability operator. Journal of Symbolic Logic, 1994, 59, 1139-1153.	0.4	7
44	A Note on Relative Efficiency of Axiom Systems. Mathematical Logic Quarterly, 1994, 40, 261-272.	0.2	1
45	The predicate modal logic of provability.. Notre Dame Journal of Formal Logic, 1984, 25, 179.	0.2	38