

# Petr Cintula

## List of Publications by Year in descending order

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59  
papers

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g-index

61  
all docs

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docs citations

61  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is multiset consequence trivial?. Synthèse, 2021, 199, 741-765.	0.6	30
2	HOW MUCH PROPOSITIONAL LOGIC SUFFICES FOR ROSSER'S ESSENTIAL UNDECIDABILITY THEOREM?. Review of Symbolic Logic, 2020, , 1-18.	0.7	0
3	Classical and Fuzzy Two-Layered Modal Logics for Uncertainty: Translations and Proof-Theory. International Journal of Computational Intelligence Systems, 2020, 13, 988.	1.6	11
4	Toward a general frame semantics for modal many-valued logics. Soft Computing, 2019, 23, 2233-2241.	2.1	5
5	Omitting Types Theorem for Fuzzy Logics. IEEE Transactions on Fuzzy Systems, 2019, 27, 273-277.	6.5	6
6	Editors' introduction: Special issue on non-classical modal and predicate logics. Logic Journal of the IGPL, 2019, 27, 385-386.	1.3	0
7	Skolemization and Herbrand theorems for lattice-valued logics. Theoretical Computer Science, 2019, 768, 54-75.	0.5	1
8	AN ABSTRACT APPROACH TO CONSEQUENCE RELATIONS. Review of Symbolic Logic, 2019, 12, 331-371.	0.7	4
9	Neighborhood semantics for modal many-valued logics. Fuzzy Sets and Systems, 2018, 345, 99-112.	1.6	7
10	Implicational (semilinear) logics III: completeness properties. Archive for Mathematical Logic, 2018, 57, 391-420.	0.2	6
11	Lindenbaum and Pair Extension Lemma in Infinitary Logics. Lecture Notes in Computer Science, 2018, , 130-144.	1.0	3
12	A Logical Framework for Graded Predicates. Lecture Notes in Computer Science, 2017, , 3-16.	1.0	5
13	Representing strategic games and their equilibria in many-valued logics. Logic Journal of the IGPL, 2016, 24, 238-267.	1.3	1
14	From Kripke to Neighborhood Semantics for Modal Fuzzy Logics. Communications in Computer and Information Science, 2016, , 95-107.	0.4	4
15	Implicational (semilinear) logics II: additional connectives and characterizations of semilinearity. Archive for Mathematical Logic, 2016, 55, 353-372.	0.2	10
16	A note on axiomatizations of Pavelka-style complete fuzzy logics. Fuzzy Sets and Systems, 2016, 292, 160-174.	1.6	10
17	A Note on Natural Extensions in Abstract Algebraic Logic. Studia Logica, 2015, 103, 815-823.	0.4	6
18	A HENKIN-STYLE PROOF OF COMPLETENESS FOR FIRST-ORDER ALGEBRAIZABLE LOGICS. Journal of Symbolic Logic, 2015, 80, 341-358.	0.4	16

#	ARTICLE	IF	CITATIONS
19	Graded dominance and related graded properties of fuzzy connectives. Fuzzy Sets and Systems, 2015, 262, 78-101.	1.6	13
20	The Quest for the Basic Fuzzy Logic. Outstanding Contributions To Logic, 2015, , 245-290.	0.2	10
21	Skolemization for Substructural Logics. Lecture Notes in Computer Science, 2015, , 1-15.	1.0	3
22	Modal Logics of Uncertainty with Two-Layer Syntax: A General Completeness Theorem. Lecture Notes in Computer Science, 2014, , 124-136.	1.0	8
23	The Proof by Cases Property and its Variants in Structural Consequence Relations. Studia Logica, 2013, 101, 713-747.	0.4	28
24	NONASSOCIATIVE SUBSTRUCTURAL LOGICS AND THEIR SEMILINEAR EXTENSIONS: AXIOMATIZATION AND COMPLETENESS PROPERTIES. Review of Symbolic Logic, 2013, 6, 394-423.	0.7	23
25	Herbrand Theorems for Substructural Logics. Lecture Notes in Computer Science, 2013, , 584-600.	1.0	6
26	Note on Deduction Theorems in contraction-free logics. Mathematical Logic Quarterly, 2012, 58, 236-243.	0.2	24
27	Filters in algebras of fuzzy logics. , 2011, , .		1
28	Implicational (semilinear) logics I: a new hierarchy. Archive for Mathematical Logic, 2010, 49, 417-446.	0.2	44
29	Fuzzy logics with an additional involutive negation. Fuzzy Sets and Systems, 2010, 161, 390-411.	1.6	32
30	Triangular norm based predicate fuzzy logics. Fuzzy Sets and Systems, 2010, 161, 311-346.	1.6	61
31	Admissible rules in the implication-negation fragment of intuitionistic logic. Annals of Pure and Applied Logic, 2010, 162, 162-171.	0.3	39
32	On a Graded Notion of t-Norm and Dominance. , 2010, , .		1
33	Distinguished algebraic semantics for $t$ -norm based fuzzy logics: Methods and algebraic equivalencies. Annals of Pure and Applied Logic, 2009, 160, 53-81.	0.3	88
34	Structural Completeness in Fuzzy Logics. Notre Dame Journal of Formal Logic, 2009, 50, .	0.2	30
35	Towards Evaluation Games for Fuzzy Logics. , 2009, , 117-138.		10
36	From (Deductive) Fuzzy Logic to (Logic-Based) Fuzzy Mathematics. Lecture Notes in Computer Science, 2009, , 14-15.	1.0	0

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37	Relations in Fuzzy Class Theory: Fuzzy Sets and Systems, 2008, 159, 1729-1772.	1.6	26
38	Logics with disjunction and proof by cases. Archive for Mathematical Logic, 2008, 47, 435-446.	0.2	13
39	Formal methods for fuzzy mathematics, approximation and reasoning – Part I. Fuzzy Sets and Systems, 2008, 159, 1727-1728.	1.6	0
40	Complexity Issues in Axiomatic Extensions of Lukasiewicz Logic. Journal of Logic and Computation, 2008, 19, 245-260.	0.5	8
41	Formal systems of fuzzy logic and their fragments. Annals of Pure and Applied Logic, 2007, 150, 40-65.	0.3	29
42	Normal forms for fuzzy logics: a proof-theoretic approach. Archive for Mathematical Logic, 2007, 46, 347-363.	0.2	3
43	Features of Mathematical Theories in Formal Fuzzy Logic. Lecture Notes in Computer Science, 2007, , 523-532.	1.0	2
44	Fuzzy logics as the logics of chains. Fuzzy Sets and Systems, 2006, 157, 604-610.	1.6	41
45	From fuzzy logic to fuzzy mathematics: A methodological manifesto. Fuzzy Sets and Systems, 2006, 157, 642-646.	1.6	52
46	Weakly Implicative (Fuzzy) Logics I: Basic Properties. Archive for Mathematical Logic, 2006, 45, 673-704.	0.2	75
47	Residuated logics based on strict triangular norms with an involutive negation. Mathematical Logic Quarterly, 2006, 52, 269-282.	0.2	23
48	On theories and models in fuzzy predicate logics. Journal of Symbolic Logic, 2006, 71, 863-880.	0.4	81
49	Fuzzy class theory. Fuzzy Sets and Systems, 2005, 154, 34-55.	1.6	100
50	A note to the definition of the $\hat{A}$ -algebras. Soft Computing, 2005, 9, 575-578.	2.1	8
51	Short note: on the redundancy of axiom (A3) in BL and MTL. Soft Computing, 2005, 9, 942-942.	2.1	7
52	Two notions of compactness in Gödel logics. Studia Logica, 2005, 81, 99-123.	0.4	2
53	Semi-normal forms and functional representation of product fuzzy logic. Fuzzy Sets and Systems, 2004, 143, 89-110.	1.6	8
54	Product Lukasiewicz Logic. Archive for Mathematical Logic, 2004, 43, 477-503.	0.2	39

#	ARTICLE	IF	CITATIONS
55	Compactness of fuzzy logics. Fuzzy Sets and Systems, 2004, 143, 59-73.	1.6	16
56	Advances in the $\mathcal{A}$ and logics. Archive for Mathematical Logic, 2003, 42, 449-468.	0.2	35
57	Extension of Łukasiewicz Logic by Product Connective. Lecture Notes in Computer Science, 2003, , 180-188.	1.0	0
58	The $\mathcal{A}$ and $\mathcal{A}$ propositional and predicate logics. Fuzzy Sets and Systems, 2001, 124, 289-302.	1.6	32
59	Translating Classical Probability Logics into Modal Fuzzy Logics. , 0, , .		0