

# Jouko Väänänen

## List of Publications by Year in descending order

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93  
papers

1,582  
citations

430874

18  
h-index

414414

32  
g-index

103  
all docs

103  
docs citations

103  
times ranked

226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence and Independence. <i>Studia Logica</i> , 2013, 101, 399-410.	0.6	150
2	Generalized quantifiers and pebble games on finite structures. <i>Annals of Pure and Applied Logic</i> , 1995, 74, 23-75.	0.5	104
3	Second-Order Logic and Foundations of Mathematics. <i>Bulletin of Symbolic Logic</i> , 2001, 7, 504-520.	0.2	93
4	From IF to BI. <i>Synthese</i> , 2009, 167, 207-230.	1.1	62
5	On Definability in Dependence Logic. <i>Journal of Logic, Language and Information</i> , 2009, 18, 317-332.	0.6	58
6	Propositional logics of dependence. <i>Annals of Pure and Applied Logic</i> , 2016, 167, 557-589.	0.5	49
7	Unary Quantifiers on Finite Models. <i>Journal of Logic, Language and Information</i> , 1997, 6, 275-304.	0.6	43
8	On the semantics of informational independence. <i>Logic Journal of the IGPL</i> , 2002, 10, 339-352.	1.5	40
9	Definability of Polyadic Lifts of Generalized Quantifiers. <i>Journal of Logic, Language and Information</i> , 1997, 6, 305-335.	0.6	38
10	On Scott and Karp trees of uncountable models. <i>Journal of Symbolic Logic</i> , 1990, 55, 897-908.	0.5	33
11	On the Expressive Power of Monotone Natural Language Quantifiers over Finite Models. <i>Journal of Philosophical Logic</i> , 2002, 31, 327-358.	0.9	33
12	Second Order Logic or Set Theory?. <i>Bulletin of Symbolic Logic</i> , 2012, 18, 91-121.	0.2	30
13	QUANTUM TEAM LOGIC AND BELL'S INEQUALITIES. <i>Review of Symbolic Logic</i> , 2015, 8, 722-742.	0.7	27
14	Axiomatizing first-order consequences in dependence logic. <i>Annals of Pure and Applied Logic</i> , 2013, 164, 1101-1117.	0.5	25
15	The Härtig quantifier: a survey. <i>Journal of Symbolic Logic</i> , 1991, 56, 1153-1183.	0.5	23
16	Regular Ultrapowers at Regular Cardinals. <i>Notre Dame Journal of Formal Logic</i> , 2015, 56, .	0.4	23
17	Trees and $\kappa$ -subsets of $\aleph_1$ . <i>Journal of Symbolic Logic</i> , 1993, 58, 1052-1070.	0.5	22
18	Propositional team logics. <i>Annals of Pure and Applied Logic</i> , 2017, 168, 1406-1441.	0.5	22

#	ARTICLE	IF	CITATIONS
19	PARTIALLY ORDERED CONNECTIVES. Zeitschrift für Mathematische Logik Und Grundlagen Der Mathematik, 1992, 38, 361-372.	0.2	18
20	The hierarchy theorem for generalized quantifiers. Journal of Symbolic Logic, 1996, 61, 802-817.	0.5	18
21	Independence in Database Relations. Lecture Notes in Computer Science, 2013, , 179-193.	1.3	18
22	A logic for arguing about probabilities in measure teams. Archive for Mathematical Logic, 2017, 56, 475-489.	0.3	17
23	Henkin and function quantifiers. Annals of Pure and Applied Logic, 1989, 43, 273-292.	0.5	15
24	Internal Categoricity in Arithmetic and Set Theory. Notre Dame Journal of Formal Logic, 2015, 56, .	0.4	15
25	A Remark on Negation in Dependence Logic. Notre Dame Journal of Formal Logic, 2011, 52, .	0.4	14
26	Dependence of variables construed as an atomic formula. Annals of Pure and Applied Logic, 2010, 161, 817-828.	0.5	13
27	On second-order characterizability. Logic Journal of the IGPL, 2013, 21, 767-787.	1.5	12
28	Trees and Ehrenfeucht-Fraïssé games. Annals of Pure and Applied Logic, 1999, 100, 69-97.	0.5	11
29	A logical approach to context-specific independence. Annals of Pure and Applied Logic, 2019, 170, 975-992.	0.5	11
30	Abstract Logic and Set Theory. I. Definability. Studies in Logic and the Foundations of Mathematics, 1979, 97, 391-421.	0.1	9
31	DEPENDENCE LOGIC IN PREGEOMETRIES AND $\kappa$ -STABLE THEORIES. Journal of Symbolic Logic, 2016, 81, 32-55.	0.5	9
32	Lindstrom theorems for fragments of first-order logic. Logical Methods in Computer Science, 0, Volume 5, Issue 3, .	0.4	9
33	Abstract logic and set theory. II. Large cardinals. Journal of Symbolic Logic, 1982, 47, 335-346.	0.5	8
34	The Ehrenfeucht-Fraïssé-Game of Length $\aleph_1$ . Transactions of the American Mathematical Society, 1993, 339, 567.	0.9	8
35	Abstract Model Theory as a Framework for Universal Logic. , 2005, , 19-33.		8
36	On Dependence Logic. Outstanding Contributions To Logic, 2014, , 101-119.	0.3	8

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37	Abstract Model Theory as a Framework for Universal Logic. , 2007, , 19-33.		8
38	Games and Trees in Infinitary Logic: A Survey. , 1995, , 105-138.		8
39	Boolean valued models and generalized quantifiers. Annals of Mathematical Logic, 1980, 18, 193-225.	0.7	7
40	ON LÄ–WENHEIMâ€™SKOLEMâ€™TARSKI NUMBERS FOR EXTENSIONS OF FIRST ORDER LOGIC. Journal of Mathematical Logic, 2011, 11, 87-113.	0.6	7
41	The Ehrenfeucht-Fraïssé game of length $\aleph_1$ . Transactions of the American Mathematical Society, 1993, 339, 567-580.	0.9	7
42	Stationary sets and infinitary logic. Journal of Symbolic Logic, 2000, 65, 1311-1320.	0.5	6
43	Barwise: Abstract Model Theory and Generalized Quantifiers. Bulletin of Symbolic Logic, 2004, 10, 37-53.	0.2	6
44	Finite information logic. Annals of Pure and Applied Logic, 2005, 134, 83-93.	0.5	6
45	CHAIN MODELS, TREES OF SINGULAR CARDINALITY AND DYNAMIC EF-GAMES. Journal of Mathematical Logic, 2011, 11, 61-85.	0.6	6
46	ON THE SYMBIOSIS BETWEEN MODEL-THEORETIC AND SET-THEORETIC PROPERTIES OF LARGE CARDINALS. Journal of Symbolic Logic, 2016, 81, 584-604.	0.5	6
47	Vector spaces and binary quantifiers.. Notre Dame Journal of Formal Logic, 1984, 25, .	0.4	6
48	A Cantor-Bendixson theorem for the space $\mathcal{P}^{\aleph_1}$ . Fundamenta Mathematicae, 1991, 137, 187-199.	0.5	6
49	More on the Ehrenfeucht-Fraïssé game of length $\aleph_1$ . Fundamenta Mathematicae, 2002, 175, 79-96.	0.5	6
50	Decidability of Some Logics with Free Quantifier Variables. Zeitschrift für Mathematische Logik Und Grundlagen Der Mathematik, 1981, 27, 17-22.	0.2	5
51	A note on extensions of infinitary logic. Archive for Mathematical Logic, 2005, 44, 63-69.	0.3	5
52	Regular ultrafilters and finite square principles. Journal of Symbolic Logic, 2008, 73, 817-823.	0.5	5
53	Dependence logic with generalized quantifiers: Axiomatizations. Journal of Computer and System Sciences, 2017, 88, 90-102.	1.2	5
54	Tractability Frontier of Data Complexity in Team Semantics. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 193, 73-85.	0.8	5

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55	Games played on partial isomorphisms. <i>Archive for Mathematical Logic</i> , 2004, 43, 19-30.	0.3	4
56	Recursive logic frames. <i>Mathematical Logic Quarterly</i> , 2006, 52, 151-164.	0.2	4
57	An Ehrenfeucht–Fraïssé game for. <i>Mathematical Logic Quarterly</i> , 2013, 59, 357-370.	0.2	4
58	Remarks on Free Quantifier Variables. , 1979, , 267-272.		4
59	SORT LOGIC AND FOUNDATIONS OF MATHEMATICS. <i>Lecture Notes Series, Institute for Mathematical Sciences</i> , 2014, , 171-186.	0.2	4
60	Game-theoretic inductive definability. <i>Annals of Pure and Applied Logic</i> , 1993, 65, 265-306.	0.5	3
61	Lindstrom theorems for fragments of first-order logic. , 2007, , .		3
62	AN EXTENSION OF A THEOREM OF ZERMELO. <i>Bulletin of Symbolic Logic</i> , 2019, 25, 208-212.	0.2	3
63	Tracing Internal Categoricity. <i>Theoria (Stockholm)</i> , 2021, 87, 986-1000.	0.2	3
64	The Hanf Number of $L_{\aleph_1}$ . <i>Proceedings of the American Mathematical Society</i> , 1980, 79, 294.	0.8	2
65	Generalized Quantifiers in Models of Set Theory. <i>Studies in Logic and the Foundations of Mathematics</i> , 1982, , 359-371.	0.1	2
66	On the number of automorphisms of uncountable models. <i>Journal of Symbolic Logic</i> , 1993, 58, 1402-1418.	0.5	2
67	The Craig Interpolation Theorem in abstract model theory. <i>Synthese</i> , 2008, 164, 401-420.	1.1	2
68	Boolean-Valued Second-Order Logic. <i>Notre Dame Journal of Formal Logic</i> , 2015, 56, .	0.4	2
69	LOGICALITY AND MODEL CLASSES. <i>Bulletin of Symbolic Logic</i> , 2021, 27, 385-414.	0.2	2
70	Grelling on Dependence. , 2016, , 33-52.		2
71	Dependence Logic with Generalized Quantifiers: Axiomatizations. <i>Lecture Notes in Computer Science</i> , 2013, , 138-152.	1.3	2
72	$\hat{\Gamma}$ -extension and Hanf-numbers. <i>Fundamenta Mathematicae</i> , 1983, 115, 43-55.	0.5	2

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73	Pseudo-finite model theory. <i>Matematica Contemporanea</i> , 2003, 24, .	0.0	2
74	Lindström's Theorem. , 2012, , 231-235.		2
75	Tractability Frontier of Data Complexity in Team Semantics. <i>ACM Transactions on Computational Logic</i> , 2022, 23, 1-21.	0.9	2
76	Reflection of Long Game Formulas. <i>Mathematical Logic Quarterly</i> , 1994, 40, 381-392.	0.2	1
77	Quantifiers and Congruence Closure. <i>Studia Logica</i> , 1999, 62, 315-340.	0.6	1
78	Second-Order Logic and Set Theory. <i>Philosophy Compass</i> , 2015, 10, 463-478.	1.3	1
79	POSITIONAL STRATEGIES IN LONG EHRENFUCHT-GAMES. <i>Journal of Symbolic Logic</i> , 2015, 80, 285-300.	0.5	1
80	Categoricity and Consistency in Second-Order Logic. <i>Inquiry (United Kingdom)</i> , 2015, 58, 20-27.	0.9	1
81	Aesthetics and the Dream of Objectivity: Notes from Set Theory. <i>Inquiry (United Kingdom)</i> , 2015, 58, 83-98.	0.9	1
82	On ordinals accessible by infinitary languages. <i>Fundamenta Mathematicae</i> , 2005, 186, 193-214.	0.5	1
83	Chain logic and Shelah's infinitary logic. <i>Israel Journal of Mathematics</i> , 2021, 245, 93-134.	0.8	1
84	Diversity, Dependence and Independence. <i>Lecture Notes in Computer Science</i> , 2020, , 106-121.	1.3	1
85	On the Axiomatizability of the Notion of an Automorphism of a Finite Order. <i>Zeitschrift für Mathematische Logik Und Grundlagen Der Mathematik</i> , 1980, 26, 433-437.	0.2	0
86	Independence-Friendly Logic: A Game-Theoretic Approach, Allen L. Mann , Gabriel Sandu and Merlijn Sevenster , Cambridge University Press, 2011. Paperback, ISBN 9780521149341, 216 pp.. <i>Theory and Practice of Logic Programming</i> , 2014, 14, 137-140.	1.5	0
87	JAAKKO HINTIKKA 1929-2015. <i>Bulletin of Symbolic Logic</i> , 2015, 21, 431-436.	0.2	0
88	Pursuing Logic without Borders. , 2015, , 403-416.		0
89	23rd Workshop on Logic, Language, Information and Computation (WoLLIC 2016). <i>Logic Journal of the IGPL</i> , 0, , .	1.5	0
90	An Overview of Saharon Shelah's Contributions to Mathematical Logic, in Particular to Model Theory. <i>Theoria (Stockholm)</i> , 2021, 87, 349-360.	0.2	0

#	ARTICLE	IF	CITATIONS
91	Breaking the Atom with Samson. Lecture Notes in Computer Science, 2013, , 327-335.	1.3	0
92	Diversity, dependence and independence. Annals of Mathematics and Artificial Intelligence, 2022, 90, 211-233.	1.3	0
93	Positive logics. Archive for Mathematical Logic, 0, , .	0.3	0