Arnon Avron

List of Publications by Year
in descending order

58 papers	1,667 citations	361296 20 h-index	315616 38 g-index
61 all docs	61 docs citations	61 times ranked	303 citing authors

#	Article	IF	Citations
1	Proof Systems for 3-valued Logics Based on Gödel's Implication. Logic Journal of the IGPL, 2022, 30, 437-453.	1.3	2
2	Basing Sequent Systems on Exclusive-Or. Lecture Notes in Computer Science, 2021, , 112-128.	1.0	0
3	Proof Systems for Gödel Logics with an Involution. , 2021, , .		0
4	Paraconsistency, self-extensionality, modality. Logic Journal of the IGPL, 2020, 28, 851-880.	1.3	2
5	The Normal and Self-extensional Extension of Dunn–Belnap Logic. Logica Universalis, 2020, 14, 281-296.	0.1	5
6	WEYL REEXAMINED: "DAS KONTINUUM"100 YEARS LATER. Bulletin of Symbolic Logic, 2020, 26, 26-79.	0.2	2
7	Paraconsistency and the need for infinite semantics. Soft Computing, 2019, 23, 2167-2175.	2.1	2
8	REXPANSIONS OF NONDETERMINISTIC MATRICES AND THEIR APPLICATIONS IN NONCLASSICAL LOGICS. Review of Symbolic Logic, 2019, 12, 173-200.	0.7	10
9	The middle ground-ancestral logic. Synthèse, 2019, 196, 2671-2693.	0.6	10
10	First-Order Quasi-canonical Proof Systems. Lecture Notes in Computer Science, 2019, , 77-93.	1.0	0
11	Quasi-canonical systems and their semantics. Synthèse, 2018, , 1.	0.6	3
12	Four-Valued Paradefinite Logics. Studia Logica, 2017, 105, 1087-1122.	0.4	23
13	Self-Extensional Three-Valued Paraconsistent Logics. Logica Universalis, 2017, 11, 297-315.	0.1	10
14	Non-Deterministic Matrices in Action: Expansions, Refinements, and Rexpansions. , 2017, , .		2
15	Paraconsistent fuzzy logic preserving non-falsity. Fuzzy Sets and Systems, 2016, 292, 75-84.	1.6	4
16	$$\mathbf {RM}$$ RM and its Nice Properties. Outstanding Contributions To Logic, 2016, , 15-43.	0.2	10
17	Cayley's Formula: A Page From The Book. American Mathematical Monthly, 2016, 123, 699.	0.2	27
18	Efficient reasoning with inconsistent information using C-systems. Information Sciences, 2015, 296, 219-236.	4.0	8

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19	Three-Valued Paraconsistent Propositional Logics. Springer Proceedings in Mathematics and Statistics, 2015, , 91-129.	0.1	22
20	Paraconsistency, paracompleteness, Gentzen systems, and trivalent semantics. Journal of Applied Non-Classical Logics, 2014, 24, 12-34.	0.4	8
21	The Classical Constraint on Relevance. Logica Universalis, 2014, 8, 1-15.	0.1	6
22	What is relevance logic?. Annals of Pure and Applied Logic, 2014, 165, 26-48.	0.3	21
23	Finite-valued Logics for Information Processing. Fundamenta Informaticae, 2012, 114, 1-30.	0.3	9
24	Modular Construction of Cut-free Sequent Calculi for Paraconsistent Logics. , 2012, , .		15
25	Maximal and Premaximal Paraconsistency in the Framework of Three-Valued Semantics. Studia Logica, 2011, 97, 31-60.	0.4	35
26	Non-Deterministic Semantics for Logical Systems. , 2011, , 227-304.		81
27	On Strong Maximality of Paraconsistent Finite-Valued Logics. , 2010, , .		4
28	Non-deterministic Multi-valued Logics--A Tutorial. , 2010, , .		4
29	Peter Smith. An introduction to GÃ¶del's theorems. Cambridge Introductions to Philosophy, Cambridge University Press, 2007, xiv + 362 pp.. Bulletin of Symbolic Logic, 2009, 15, 218-222.	0.2	0
30	Proof Systems for Reasoning about Computation Errors. Studia Logica, 2009, 91, 273-293.	0.4	21
31	Multi-valued Semantics: Why and How. Studia Logica, 2009, 92, 163-182.	0.4	8
32	Processing Information from a Set of Sources. , 2009, , 165-186.		8
33	A Framework for Formalizing Set Theories Based on the Use of Static Set Terms. , 2008, , 87-106.		7
34	Non-deterministic Multi-valued Matrices for First-Order Logics of Formal Inconsistency. Multiple-Valued Logic (ISMVL), Proceedings of the International Symposium on, 2007, , .	0.0	2
35	Non-deterministic semantics for logics with a consistency operator. International Journal of Approximate Reasoning, 2007, 45, 271-287.	1.9	43
36	Cut-Free Ordinary Sequent Calculi for Logics Having Generalized Finite-Valued Semantics. Logica Universalis, 2007, 1, 41-70.	0.1	42

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37	Many-Valued Non-deterministic Semantics for First-Order Logics of Formal (In)consistency. Lecture Notes in Computer Science, 2007, , 1-24.	1.0	10
38	Cut-Elimination and Quantification in Canonical Systems. Studia Logica, 2006, 82, 157-176.	0.4	9
39	Non-deterministic Matrices and Modular Semantics of Rules. , 2005, , 149-167.		29
40	Combining classical logic, paraconsistency and relevance. Journal of Applied Logic, 2005, 3, 133-160.	1.1	12
41	A Non-deterministic View on Non-classical Negations. Studia Logica, 2005, 80, 159-194.	0.4	30
42	Non-deterministic Multiple-valued Structures. Journal of Logic and Computation, 2005, 15, 241-261.	0.5	135
43	Decomposition Proof Systems for Gödel-Dummett Logics. Studia Logica, 2001, 69, 197-219.	0.4	25
44	Canonical Propositional Gentzen-Type Systems. Lecture Notes in Computer Science, 2001, , 529-544.	1.0	62
45	A Model-Theoretic Approach for Recovering Consistent Data from Inconsistent Knowledge Bases. Journal of Automated Reasoning, 1999, 22, 263-309.	1.1	9
46	Encoding Modal Logics in Logical Frameworks. Studia Logica, 1998, 60, 161-208.	0.4	25
47	Reasoning with logical bilattices. Journal of Logic, Language and Information, 1996, 5, 25.	0.4	195
48	Stability, Sequentiality and Demand Driven Evaluation in Dataflow. Formal Aspects of Computing, 1994, 6, 620-642.	1.4	0
49	Gentzen-type systems, resolution and tableaux. Journal of Automated Reasoning, 1993, 10, 265-281.	1.1	72
50	Whither relevance logic?. Journal of Philosophical Logic, 1992, 21, 243.	0.6	38
51	Natural 3-valued logics—characterization and proof theory. Journal of Symbolic Logic, 1991, 56, 276-294.	0.4	183
52	Simple consequence relations. Information and Computation, 1991, 92, 105-139.	0.5	134
53	Relevance and paraconsistency---a new approach. II. The formal systems.. Notre Dame Journal of Formal Logic, 1990, 31, 169.	0.2	17
54	Relevance and paraconsistency—a new approach. Journal of Symbolic Logic, 1990, 55, 707-732.	0.4	23

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55	A constructive analysis of RM. Journal of Symbolic Logic, 1987, 52, 939-951.	0.4	96
56	On purely relevant logics.. Notre Dame Journal of Formal Logic, 1986, 27, .	0.2	6
57	On an implication connective of ${m RM}$.. Notre Dame Journal of Formal Logic, 1986, 27, .	0.2	47
58	Relevant entailment—semantics and formal systems. Journal of Symbolic Logic, 1984, 49, 334-342.	0.4	35