

Arnon Avron

List of Publications by Year in descending order

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Version: 2024-02-01

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	Reasoning with logical bilattices. <i>Journal of Logic, Language and Information</i> , 1996, 5, 25.	0.4	195
2	Natural 3-valued logics' characterization and proof theory. <i>Journal of Symbolic Logic</i> , 1991, 56, 276-294.	0.4	183
3	Non-deterministic Multiple-valued Structures. <i>Journal of Logic and Computation</i> , 2005, 15, 241-261.	0.5	135
4	Simple consequence relations. <i>Information and Computation</i> , 1991, 92, 105-139.	0.5	134
5	A constructive analysis of RM. <i>Journal of Symbolic Logic</i> , 1987, 52, 939-951.	0.4	96
6	Non-Deterministic Semantics for Logical Systems. , 2011, , 227-304.		81
7	Gentzen-type systems, resolution and tableaux. <i>Journal of Automated Reasoning</i> , 1993, 10, 265-281.	1.1	72
8	Canonical Propositional Gentzen-Type Systems. <i>Lecture Notes in Computer Science</i> , 2001, , 529-544.	1.0	62
9	On an implication connective of $\{m\text{ RM}\}$.. <i>Notre Dame Journal of Formal Logic</i> , 1986, 27, .	0.2	47
10	Non-deterministic semantics for logics with a consistency operator. <i>International Journal of Approximate Reasoning</i> , 2007, 45, 271-287.	1.9	43
11	Cut-Free Ordinary Sequent Calculi for Logics Having Generalized Finite-Valued Semantics. <i>Logica Universalis</i> , 2007, 1, 41-70.	0.1	42
12	Whither relevance logic?. <i>Journal of Philosophical Logic</i> , 1992, 21, 243.	0.6	38
13	Relevant entailment' semantics and formal systems. <i>Journal of Symbolic Logic</i> , 1984, 49, 334-342.	0.4	35
14	Maximal and Premaximal Paraconsistency in the Framework of Three-Valued Semantics. <i>Studia Logica</i> , 2011, 97, 31-60.	0.4	35
15	A Non-deterministic View on Non-classical Negations. <i>Studia Logica</i> , 2005, 80, 159-194.	0.4	30
16	Non-deterministic Matrices and Modular Semantics of Rules. , 2005, , 149-167.		29
17	Cayley's Formula: A Page From The Book. <i>American Mathematical Monthly</i> , 2016, 123, 699.	0.2	27
18	Encoding Modal Logics in Logical Frameworks. <i>Studia Logica</i> , 1998, 60, 161-208.	0.4	25

#	ARTICLE	IF	CITATIONS
19	Decomposition Proof Systems for Gödel-Dummett Logics. <i>Studia Logica</i> , 2001, 69, 197-219.	0.4	25
20	Relevance and paraconsistency—a new approach. <i>Journal of Symbolic Logic</i> , 1990, 55, 707-732.	0.4	23
21	Four-Valued Paraconsistent Logics. <i>Studia Logica</i> , 2017, 105, 1087-1122.	0.4	23
22	Three-Valued Paraconsistent Propositional Logics. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 91-129.	0.1	22
23	Proof Systems for Reasoning about Computation Errors. <i>Studia Logica</i> , 2009, 91, 273-293.	0.4	21
24	What is relevance logic?. <i>Annals of Pure and Applied Logic</i> , 2014, 165, 26-48.	0.3	21
25	Relevance and paraconsistency—a new approach. II. The formal systems.. <i>Notre Dame Journal of Formal Logic</i> , 1990, 31, 169.	0.2	17
26	Modular Construction of Cut-free Sequent Calculi for Paraconsistent Logics. , 2012, , .		15
27	Combining classical logic, paraconsistency and relevance. <i>Journal of Applied Logic</i> , 2005, 3, 133-160.	1.1	12
28	\mathbf{RM} and its Nice Properties. <i>Outstanding Contributions To Logic</i> , 2016, , 15-43.	0.2	10
29	Self-Extensional Three-Valued Paraconsistent Logics. <i>Logica Universalis</i> , 2017, 11, 297-315.	0.1	10
30	EXPANSIONS OF NONDETERMINISTIC MATRICES AND THEIR APPLICATIONS IN NONCLASSICAL LOGICS. <i>Review of Symbolic Logic</i> , 2019, 12, 173-200.	0.7	10
31	The middle ground-ancestral logic. <i>Synthese</i> , 2019, 196, 2671-2693.	0.6	10
32	Many-Valued Non-deterministic Semantics for First-Order Logics of Formal (In)consistency. <i>Lecture Notes in Computer Science</i> , 2007, , 1-24.	1.0	10
33	A Model-Theoretic Approach for Recovering Consistent Data from Inconsistent Knowledge Bases. <i>Journal of Automated Reasoning</i> , 1999, 22, 263-309.	1.1	9
34	Cut-Elimination and Quantification in Canonical Systems. <i>Studia Logica</i> , 2006, 82, 157-176.	0.4	9
35	Finite-valued Logics for Information Processing. <i>Fundamenta Informaticae</i> , 2012, 114, 1-30.	0.3	9
36	Multi-valued Semantics: Why and How. <i>Studia Logica</i> , 2009, 92, 163-182.	0.4	8

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37	Paraconsistency, paracompleteness, Gentzen systems, and trivalent semantics. <i>Journal of Applied Non-Classical Logics</i> , 2014, 24, 12-34.	0.4	8
38	Efficient reasoning with inconsistent information using C-systems. <i>Information Sciences</i> , 2015, 296, 219-236.	4.0	8
39	Processing Information from a Set of Sources. , 2009, , 165-186.		8
40	A Framework for Formalizing Set Theories Based on the Use of Static Set Terms. , 2008, , 87-106.		7
41	The Classical Constraint on Relevance. <i>Logica Universalis</i> , 2014, 8, 1-15.	0.1	6
42	On purely relevant logics.. <i>Notre Dame Journal of Formal Logic</i> , 1986, 27, .	0.2	6
43	The Normal and Self-extensional Extension of Dunn's Belnap Logic. <i>Logica Universalis</i> , 2020, 14, 281-296.	0.1	5
44	On Strong Maximality of Paraconsistent Finite-Valued Logics. , 2010, , .		4
45	Non-deterministic Multi-valued Logics—A Tutorial. , 2010, , .		4
46	Paraconsistent fuzzy logic preserving non-falsity. <i>Fuzzy Sets and Systems</i> , 2016, 292, 75-84.	1.6	4
47	Quasi-canonical systems and their semantics. <i>Synthese</i> , 2018, , 1.	0.6	3
48	Non-deterministic Multi-valued Matrices for First-Order Logics of Formal Inconsistency. <i>Multiple-Valued Logic (ISMVL)</i> , Proceedings of the International Symposium on, 2007, , .	0.0	2
49	Non-Deterministic Matrices in Action: Expansions, Refinements, and Rexpansions. , 2017, , .		2
50	Paraconsistency and the need for infinite semantics. <i>Soft Computing</i> , 2019, 23, 2167-2175.	2.1	2
51	Paraconsistency, self-extensionality, modality. <i>Logic Journal of the IGPL</i> , 2020, 28, 851-880.	1.3	2
52	WEYL REEXAMINED: "DAS KONTINUUM" 100 YEARS LATER. <i>Bulletin of Symbolic Logic</i> , 2020, 26, 26-79.	0.2	2
53	Proof Systems for 3-valued Logics Based on Gödel's Implication. <i>Logic Journal of the IGPL</i> , 2022, 30, 437-453.	1.3	2
54	Stability, Sequentiality and Demand Driven Evaluation in Dataflow. <i>Formal Aspects of Computing</i> , 1994, 6, 620-642.	1.4	0

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55	Peter Smith. An introduction to Gödel's theorems. Cambridge Introductions to Philosophy, Cambridge University Press, 2007, xiv + 362 pp.. Bulletin of Symbolic Logic, 2009, 15, 218-222.	0.2	0
56	Basing Sequent Systems on Exclusive-Or. Lecture Notes in Computer Science, 2021, , 112-128.	1.0	0
57	Proof Systems for Gödel Logics with an Involution. , 2021, , .		0
58	First-Order Quasi-canonical Proof Systems. Lecture Notes in Computer Science, 2019, , 77-93.	1.0	0