Roger D Maddux

List of Publications by Year
in descending order

46 papers	882 citations	687363 13 h-index	477307 29 g-index
46 all docs	46 docs citations	46 times ranked	186 citing authors

#	Article	IF	Citations
1	Tarskian Classical Relevant Logic. Outstanding Contributions To Logic, 2022, , 67-161.	0.3	1
2	Monk algebras and Ramsey theory. Journal of Logical and Algebraic Methods in Programming, 2022, 126, 100759.	0.5	2
3	Identities Generalizing the Theorems of Pappus and Desargues. Symmetry, 2021, 13, 1382.	2.2	0
4	An error in a proof in Boolean Algebras with Operators, PartÂI. Algebra Universalis, 2018, 79, 1.	0.3	0
5	Finite representations for two small relation algebras. Algebra Universalis, 2018, 79, 1.	0.3	2
6	Subcompletions of representable relation algebras. Algebra Universalis, 2018, 79, 1.	0.3	4
7	THERE IS NO FINITE-VARIABLE EQUATIONAL AXIOMATIZATION OF REPRESENTABLE RELATION ALGEBRAS OVER WEAKLY REPRESENTABLE RELATION ALGEBRAS. Review of Symbolic Logic, 2016, 9, 511-521.	0.7	2
8	Arrow's Theorem for incomplete relations. Journal of Logical and Algebraic Methods in Programming, 2014, 83, 235-248.	0.5	1
9	Weak representations of relation algebras and relational bases. Journal of Symbolic Logic, 2011, 76, 870-882.	0.5	0
10	RELEVANCE LOGIC AND THE CALCULUS OF RELATIONS. Review of Symbolic Logic, 2010, 3, 41-70.	0.7	13
11	RELEVANCE LOGICS AND RELATION ALGEBRAS. Review of Symbolic Logic, 2009, 2, 102-131.	0.7	10
12	Chromatic Graphs, Ramsey Numbers and the Flexible Atom Conjecture. Electronic Journal of Combinatorics, 2008, 15, .	0.4	4
13	Eric Schechter. Classical and nonclassical logic: an introduction to the mathematics of propositions. Princeton University Press, Princeton and Oxford, 2005, x + 507 pp.. Bulletin of Symbolic Logic, 2006, 12, 308-309.	0.2	0
14	Finite Symmetric Integral Relation Algebras with No 3-Cycles. Lecture Notes in Computer Science, 2006, , 2-29.	1.3	0
15	Anita Burdman Feferman and Solomon Feferman. Alfred Tarski, Life and Logic Cambridge University Press, Cambridge, 2004, vi + 425 pp.. Bulletin of Symbolic Logic, 2005, 11, 535-540.	0.2	1
16	Nonrepresentable relation algebras generated by functional elements. Algebra Universalis, 2005, 52, 155-165.	0.3	0
17	Selfâ€Similarity and the Speciesâ€Area Relationship. American Naturalist, 2004, 163, 616-626.	2.1	22
18	Finite, integral, and finite-dimensional relation algebras: a brief history. Annals of Pure and Applied Logic, 2004, 127, 117-130.	0.5	0

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19	H. Andréka, S. Givant, and I. Németi. Decision problems for equational theories of relation algebras. Memoirs of the American Mathematical Society, vol. 126, no. 604. American Mathematical Society, Providence, March 1997, xiv + 126 pp.. Bulletin of Symbolic Logic, 2003, 9, 37-39.	0.2	0
20	Robin Hirsch and Ian Hodkinson. Relation algebras by games. Elsevier, Amsterdam, 2002, xviii + 691 pp.. Bulletin of Symbolic Logic, 2003, 9, 515-520.	0.2	1
21	Relation algebra reducts of cylindric algebras and an application to proof theory. Journal of Symbolic Logic, 2002, 67, 197-213.	0.5	27
22	Provability with Finitely Many Variables. Bulletin of Symbolic Logic, 2002, 8, 348-379.	0.2	12
23	Relation-algebraic semantics. Theoretical Computer Science, 1996, 160, 1-85.	0.9	52
24	On binary constraint problems. Journal of the ACM, 1994, 41, 435-469.	2.2	135
25	Undecidable semiassociative relation algebras. Journal of Symbolic Logic, 1994, 59, 398-418.	0.5	6
26	A perspective on the theory of relation algebras. Algebra Universalis, 1994, 31, 456-465.	0.3	14
27	Relation Algebras for Reasoning about Time and Space. Workshops in Computing, 1994, , 27-44.	0.4	1
28	Representations for Small Relation Algebras. Notre Dame Journal of Formal Logic, 1994, 35, .	0.4	11
29	Finitary algebraic logic II. Mathematical Logic Quarterly, 1993, 39, 566-569.	0.2	5
30	Relation algebras of every dimension. Journal of Symbolic Logic, 1992, 57, 1213-1229.	0.5	10
31	The origin of relation algebras in the development and axiomatization of the calculus of relations. Studia Logica, 1991, 50, 421-455.	0.6	95
32	The neat embedding problem and the number of variables required in proofs. Proceedings of the American Mathematical Society, 1991, 112, 195-202.	0.8	9
33	Pair-dense relation algebras. Transactions of the American Mathematical Society, 1991, 328, 83-131.	0.9	37
34	A relation algebra which is not a cylindric reduct. Algebra Universalis, 1990, 27, 279-288.	0.3	2
35	Necessary subalgebras of simple nonintegral semiassociative relation algebras. Algebra Universalis, 1990, 27, 544-558.	0.3	7
36	Nonfinite axiomatizability results for cylindric and relation algebras. Journal of Symbolic Logic, 1989, 54, 951-974.	0.5	59

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37	Finitary Algebraic Logic. Zeitschrift FÃ¼r Mathematische Logik Und Grundlagen Der Mathematik, 1989, 35, 321-332.	0.2	23
38	Canonical relativized cylindric set algebras. Proceedings of the American Mathematical Society, 1989, 107, 465-478.	0.8	5
39	Finite integral relation algebras. Lecture Notes in Mathematics, 1985, , 175-197.	0.2	18
40	A sequent calculus for relation algebras. Annals of Pure and Applied Logic, 1983, 25, 73-101.	0.5	62
41	Some varieties containing relation algebras. Transactions of the American Mathematical Society, 1982, 272, 501-526.	0.9	127
42	Equations not preserved by complete extensions. Algebra Universalis, 1982, 15, 86-89.	0.3	7
43	On the dependence of functions on their variables. Journal of Combinatorial Theory - Series A, 1982, 33, 106-108.	0.8	6
44	Embedding modular lattices into relation algebras. Algebra Universalis, 1981, 12, 242-246.	0.3	13
45	The equational theory of CA3 is undecidable. Journal of Symbolic Logic, 1980, 45, 311-316.	0.5	43
46	Some sufficient conditions for the representability of relation algebras. Algebra Universalis, 1978, 8, 162-172.	0.3	33