

# Ralph Mckenzie

## List of Publications by Year in descending order

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61  
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#	ARTICLE	IF	CITATIONS
1	Existence theorems for weakly symmetric operations. <i>Algebra Universalis</i> , 2008, 59, 463-489.	0.3	96
2	Equational Bases for Lattice Theories.. <i>Mathematica Scandinavica</i> , 0, 27, 24.	0.2	95
3	Tractability and Learnability Arising from Algebras with Few Subpowers. <i>SIAM Journal on Computing</i> , 2010, 39, 3023-3037.	1.0	86
4	Varieties with few subalgebras of powers. <i>Transactions of the American Mathematical Society</i> , 2010, 362, 1445-1473.	0.9	81
5	TARSKI'S FINITE BASIS PROBLEM IS UNDECIDABLE. <i>International Journal of Algebra and Computation</i> , 1996, 06, 49-104.	0.5	74
6	Para primal varieties: A study of finite axiomatizability and definable principal congruences in locally finite varieties. <i>Algebra Universalis</i> , 1978, 8, 336-348.	0.3	67
7	On spectra, and the negative solution of the decision problem for identities having a finite nontrivial model. <i>Journal of Symbolic Logic</i> , 1975, 40, 186-196.	0.5	58
8	Decidability and Boolean representations. <i>Memoirs of the American Mathematical Society</i> , 1981, 32, 0-0.	0.9	52
9	Cardinal multiplication of structures with a reflexive relation. <i>Fundamenta Mathematicae</i> , 1971, 70, 59-101.	0.5	51
10	Residually small varieties with modular congruence lattices. <i>Transactions of the American Mathematical Society</i> , 1981, 264, 419-419.	0.9	50
11	Structure of Decidable Locally Finite Varieties. <i>Progress in Mathematics</i> , 1989, , .	0.3	47
12	Finite equational bases for congruence modular varieties. <i>Algebra Universalis</i> , 1987, 24, 224-250.	0.3	44
13	THE RESIDUAL BOUNDS OF FINITE ALGEBRAS. <i>International Journal of Algebra and Computation</i> , 1996, 06, 1-28.	0.5	35
14	Commutator theory for relatively modular quasivarieties. <i>Transactions of the American Mathematical Society</i> , 1992, 331, 465-502.	0.9	34
15	THE RESIDUAL BOUND OF A FINITE ALGEBRA IS NOT COMPUTABLE. <i>International Journal of Algebra and Computation</i> , 1996, 06, 29-48.	0.5	33
16	INTERPRETING GRAPH COLORABILITY IN FINITE SEMIGROUPS. <i>International Journal of Algebra and Computation</i> , 2006, 16, 119-140.	0.5	29
17	Residually small varieties of semigroups. <i>Algebra Universalis</i> , 1981, 13, 171-201.	0.3	27
18	Narrowness implies uniformity. <i>Algebra Universalis</i> , 1982, 15, 67-85.	0.3	27

#	ARTICLE	IF	CITATIONS
19	Monotone clones, residual smallness and congruence distributivity. Bulletin of the Australian Mathematical Society, 1990, 41, 283-300.	0.5	27
20	Tractability and learnability arising from algebras with few subpowers. , 2007, , .		27
21	Definability in the lattice of equational theories of semigroups. Semigroup Forum, 1993, 46, 199-245.	0.6	24
22	Optimal strong Mal'cev conditions for omitting type 1 in locally finite varieties. Algebra Universalis, 2014, 72, 91-100.	0.3	24
23	Definability in lattices of equational theories. Annals of Mathematical Logic, 1971, 3, 197-237.	0.7	22
24	A new product of algebras and a type reduction theorem. Algebra Universalis, 1984, 18, 29-69.	0.3	22
25	Finitely Related Clones and Algebras with Cube Terms. Order, 2012, 29, 345-359.	0.5	20
26	Finite basis problems and results for quasivarieties. Studia Logica, 2004, 78, 293-320.	0.6	18
27	Residually small varieties of $K$ -algebras. Algebra Universalis, 1982, 14, 181-196.	0.3	16
28	Clones satisfying the term condition. Discrete Mathematics, 1984, 52, 7-29.	0.7	15
29	Definability in substructure orderings, I: finite semilattices. Algebra Universalis, 2009, 61, 59-75.	0.3	15
30	Definability in substructure orderings, III: Finite distributive lattices. Algebra Universalis, 2009, 61, 283-300.	0.3	15
31	Definability in Substructure Orderings, II: Finite Ordered Sets. Order, 2010, 27, 115-145.	0.5	15
32	On the number of finite algebraic structures. Journal of the European Mathematical Society, 2014, 16, 1673-1686.	1.4	12
33	Few subpowers, congruence distributivity and near-unanimity terms. Algebra Universalis, 2008, 58, 119-128.	0.3	10
34	Interpretations of module varieties. Journal of Algebra, 1990, 135, 456-493.	0.7	9
35	Non-covering in the interpretability lattice of equational theories. Algebra Universalis, 1993, 30, 157-170.	0.3	9
36	Congruence modularity implies cyclic terms for finite algebras. Algebra Universalis, 2009, 61, 365-380.	0.3	7

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37	On the relationship of AP, RS and CEP in congruence modular varieties. II. Proceedings of the American Mathematical Society, 1988, 103, 335-335.	0.8	7
38	A note on residually small varieties of semigroups. Algebra Universalis, 1983, 17, 143-149.	0.3	6
39	On the covering relation in the interpretability lattice of equational theories. Algebra Universalis, 1993, 30, 399-421.	0.3	6
40	Recursive inseparability for residual bounds of finite algebras. Journal of Symbolic Logic, 2000, 65, 1863-1880.	0.5	6
41	Maltsev families of varieties closed under join or Maltsev product. Algebra Universalis, 2017, 77, 29-50.	0.3	6
42	Congruence modular varieties: commutator theory and its uses. , 2005, , 273-329.		6
43	Some interactions between group theory and the general theory of algebras. Lecture Notes in Mathematics, 1990, , 32-48.	0.2	6
44	On some small cardinals for Boolean algebras. Journal of Symbolic Logic, 2004, 69, 674-682.	0.5	5
45	Varieties with polynomially many models, I. Fundamenta Mathematicae, 2001, 170, 53-68.	0.5	5
46	The number of non-isomorphic models in quasi-varieties of semigroups. Algebra Universalis, 1983, 16, 195-203.	0.3	4
47	Categorical quasivarieties revisited. Algebra Universalis, 1984, 19, 273-303.	0.3	4
48	THE TYPE SET OF A VARIETY IS NOT COMPUTABLE. International Journal of Algebra and Computation, 2001, 11, 89-130.	0.5	4
49	Avoidable structures, II: Finite distributive lattices and nicely structured ordered sets. Algebra Universalis, 2009, 60, 259-291.	0.3	4
50	Optimal strong Mal'cev conditions for congruence meet-semidistributivity in locally finite varieties. Algebra Universalis, 2016, 76, 305-325.	0.3	4
51	Nilpotent and solvable radicals in locally finite congruence modular varieties. Algebra Universalis, 1987, 24, 251-266.	0.3	3
52	Congruence extension, Hamiltonian and Abelian properties in locally finite varieties. Algebra Universalis, 1991, 28, 589-603.	0.3	3
53	Residual smallness relativized to congruence types, I. Journal of Pure and Applied Algebra, 2001, 163, 209-220.	0.6	3
54	Locally finite varieties with large free spectra. Algebra Universalis, 2002, 47, 303-318.	0.3	3

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55	The structure of locally finite varieties with polynomially many models. <i>Journal of the American Mathematical Society</i> , 2009, 22, 119-165.	3.9	3
56	Arithmetic of Finite Ordered Sets: Cancellation of Exponents, I. <i>Order</i> , 1999, 16, 313-333.	0.5	2
57	Arithmetic of Finite Ordered Sets: Cancellation of Exponents, II. <i>Order</i> , 2000, 17, 309-332.	0.5	2
58	The Zig-Zag Property and Exponential Cancellation of Ordered Sets. <i>Order</i> , 2003, 20, 185-221.	0.5	2
59	Avoidable structures, I: Finite ordered sets, semilattices and lattices. <i>Algebra Universalis</i> , 2009, 60, 247-258.	0.3	2
60	Residually Small Varieties Revisited. , 1990, , 185-190.		2
61	Index of Notation. <i>Contemporary Mathematics</i> , 1988, , 205-209.	0.2	2