

# Alasdair Urquhart

## List of Publications by Year in descending order

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53  
papers

1,347  
citations

471061

17  
h-index

344852

36  
g-index

59  
all docs

59  
docs citations

59  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hard examples for resolution. <i>Journal of the ACM</i> , 1987, 34, 209-219.	1.8	341
2	The undecidability of entailment and relevant implication. <i>Journal of Symbolic Logic</i> , 1984, 49, 1059-1073.	0.4	129
3	A topological representation theory for lattices. <i>Algebra Universalis</i> , 1978, 8, 45-58.	0.2	115
4	Functional interpretations of feasibly constructive arithmetic. <i>Annals of Pure and Applied Logic</i> , 1993, 63, 103-200.	0.3	93
5	The Complexity of Propositional Proofs. <i>Bulletin of Symbolic Logic</i> , 1995, 1, 425-467.	0.2	87
6	Distributive lattices with a dual homomorphic operation. <i>Studia Logica</i> , 1979, 38, 201-209.	0.4	70
7	Approximation and Small-Depth Frege Proofs. <i>SIAM Journal on Computing</i> , 1992, 21, 1161-1179.	0.8	61
8	Synonymous Logics. <i>Journal of Philosophical Logic</i> , 2003, 32, 259-285.	0.6	44
9	The Depth of Resolution Proofs. <i>Studia Logica</i> , 2011, 99, 349-364.	0.4	42
10	The Complexity of the Hajn's Calculus. <i>SIAM Journal on Discrete Mathematics</i> , 1995, 8, 464-483.	0.4	40
11	Duality for algebras of relevant logics. <i>Studia Logica</i> , 1996, 56, 263-276.	0.4	36
12	Decidability and the finite model property. <i>Journal of Philosophical Logic</i> , 1981, 10, 367-370.	0.6	31
13	Title is missing!. <i>Theory of Computing</i> , 2007, 3, 81-102.	0.3	29
14	Failure of interpolation in relevant logics. <i>Journal of Philosophical Logic</i> , 1993, 22, 449-479.	0.6	28
15	The complexity of decision procedures in relevance logic II. <i>Journal of Symbolic Logic</i> , 1999, 64, 1774-1802.	0.4	27
16	Simplified Lower Bounds for Propositional Proofs. <i>Notre Dame Journal of Formal Logic</i> , 1996, 37, 523.	0.2	20
17	The complexity of Gentzen systems for propositional logic. <i>Theoretical Computer Science</i> , 1989, 66, 87-97.	0.5	18
18	A Near-Optimal Separation of Regular and General Resolution. <i>SIAM Journal on Computing</i> , 2011, 40, 107-121.	0.8	17

#	ARTICLE	IF	CITATIONS
19	Distributive lattices with a dual homomorphic operation. II. <i>Studia Logica</i> , 1981, 40, 391-404.	0.4	14
20	Projective distributive p-algebras. <i>Bulletin of the Australian Mathematical Society</i> , 1981, 24, 269-275.	0.3	9
21	Formalizing Dangerous SAT Encodings. , 2007, , 159-172.		9
22	The relative complexity of resolution and cut-free Gentzen systems. <i>Annals of Mathematics and Artificial Intelligence</i> , 1992, 6, 157-168.	0.9	7
23	The graph constructions of Hajós and Ore. <i>Journal of Graph Theory</i> , 1997, 26, 211-215.	0.5	7
24	Henry M. Sheffer and Notational Relativity. <i>History and Philosophy of Logic</i> , 2012, 33, 33-47.	0.2	7
25	Von Neumann, Gödel and Complexity Theory. <i>Bulletin of Symbolic Logic</i> , 2010, 16, 516-530.	0.2	6
26	Failure of Interpolation in Constant Domain Intuitionistic Logic. <i>Journal of Symbolic Logic</i> , 2013, 78, 937-950.	0.4	6
27	A contractionless semilattice semantics. <i>Journal of Symbolic Logic</i> , 1987, 52, 526-529.	0.4	5
28	The number of lines in Frege proofs with substitution. <i>Archive for Mathematical Logic</i> , 1997, 37, 15-19.	0.2	5
29	Matrix identities and the pigeonhole principle. <i>Archive for Mathematical Logic</i> , 2004, 43, 351-357.	0.2	5
30	RUSSELL AND GÖDEL. <i>Bulletin of Symbolic Logic</i> , 2016, 22, 504-520.	0.2	5
31	Further Results on Proof Theories For Semilattice Logics. <i>Zeitschrift für Mathematische Logik Und Grundlagen Der Mathematik</i> , 1988, 34, 301-304.	0.2	4
32	Resolution Proofs of Matching Principles. <i>Annals of Mathematics and Artificial Intelligence</i> , 2003, 37, 241-250.	0.9	4
33	SYNONYMOUS LOGICS: A CORRECTION. <i>Journal of Philosophical Logic</i> , 2008, 37, 95-100.	0.6	3
34	Algorithms and Complexity Results for Input and Unit Resolution. <i>Journal of Satisfiability, Boolean Modeling and Computation</i> , 2009, 6, 141-164.	1.2	3
35	Anderson and Belnap's Invitation to Sin. <i>Journal of Philosophical Logic</i> , 2010, 39, 453-472.	0.6	3
36	Width and size of regular resolution proofs. <i>Logical Methods in Computer Science</i> , 2012, 8, .	0.4	3

#	ARTICLE	IF	CITATIONS
37	The Complexity of Propositional Proofs with the Substitution Rule. <i>Logic Journal of the IGPL</i> , 2005, 13, 287-291.	1.3	2
38	SUPERVALUATION FIXED-POINT LOGICS OF TRUTH. <i>Journal of Philosophical Logic</i> , 2008, 37, 407-440.	0.6	2
39	Enumerating Types of Boolean Functions. <i>Bulletin of Symbolic Logic</i> , 2009, 15, 273-299.	0.2	2
40	The Story of $\gamma$ . <i>Outstanding Contributions To Logic</i> , 2016, , 93-105.	0.2	2
41	INTENSIONAL LANGUAGES VIA NOMINALIZATION. <i>Pacific Philosophical Quarterly</i> , 1982, 63, 186-192.	0.4	1
42	Sergio Fajardo and H. Jerome Keisler . Model theory of stochastic processes, <i>Lecture Notes in Logic</i> , vol. 14. Association for Symbolic Logic, A K Peters, Ltd., Natick, Massachusetts, 2002, xii + 136 pp.. <i>Bulletin of Symbolic Logic</i> , 2004, 10, 110-112.	0.2	1
43	Shawn Hedman. A first course in logic: an introduction to model theory, proof theory, computability, and complexity. <i>Oxford Texts in Logic 1</i> . Oxford University Press, 2004, xx + 431 pp.. <i>Bulletin of Symbolic Logic</i> , 2007, 13, 538-540.	0.2	1
44	Regular and General Resolution: An Improved Separation. , 2008, , 277-290.		1
45	Bertrand Russell Correspondance sur la philosophie, la logique et la politique avec Louis Couturat (1897-1913)., Édition et commentaire par Anne-Françoise Schmid. Transcription et notes sur la langue internationale par Tazio Carlevaro. Éditions Kim, Paris, 2001. 737 pp.. <i>Bulletin of Symbolic Logic</i> , 2005, 11, 442-444.	0.2	0
46	Nonstandard methods and applications in mathematics, edited by Nigel J. Cutland, Mauro di Nasso and David A. Ross, <i>Lecture Notes in Logic</i> , vol. 25. Association for Symbolic Logic, A.K. Peters, Ltd. Wellesley, Massachusetts, 2006. x + 248 pp.. <i>Bulletin of Symbolic Logic</i> , 2007, 13, 372-374.	0.2	0
47	Current topics in logic and analytic philosophy. edited by Concha Martínez, José L. Falguera and José M. Sagalillo, Colloquium on Logic and Analytic Philosophy at Santiago de Compostela, 2001-2005. Universidade de Santiago de Compostela, 2007, 288 pp.. <i>Bulletin of Symbolic Logic</i> , 2008, 14, 271-272.	0.2	0
48	Truth and games: Essays in honour of Gabriel Sandu. edited by Tuomo Aho and Ahti-Veikko Pietarinen, <i>Acta Philosophica Fennica</i> , vol. 78. Societas Philosophica Fennica, Helsinki, 2006, vi + 322 pp.. <i>Bulletin of Symbolic Logic</i> , 2008, 14, 119-121.	0.2	0
49	Katalin Bimbó and J. Michael Dunn. Relational semantics of nonclassical logical calculi. <i>CSLI Lecture Notes</i> , no. 188. CSLI Publications, Stanford University, 2008, x + 382 pp.. <i>Bulletin of Symbolic Logic</i> , 2010, 16, 277-278.	0.2	0
50	The development of modern logic, edited by Leila Haaparanta, Oxford University Press, 2009. x + 999 pp.. <i>Bulletin of Symbolic Logic</i> , 2012, 18, 268-270.	0.2	0
51	S. Barry Cooper and Andrew Hodges (editors), <i>The Once and Future Turing: Computing the World</i> . Cambridge University Press, 2016. xviii + 379 pp. therein: - Martin Davis. Algorithms, Equations, and Logic. pp. 4-19. - J.M.E. Hyland. The Forgotten Turing. pp. 20-33. - Andrew R. Booker. Turing and the Primes. pp. 34-52. - Ueli Maurer. Cryptography and Computation after Turing. pp. 53-77. - Kanti V. Mardia and S. Barry Cooper, Alan Turing and Entigma. <i>Bulletin of Symbolic Logic</i> , 2016, 22, 354-356.	0.2	0
52	A Logical Autobiography. <i>Outstanding Contributions To Logic</i> , 2022, , 1-21.	0.2	0
53	Comments on the Contributions. <i>Outstanding Contributions To Logic</i> , 2022, , 571-586.	0.2	0