

# John Harding

## List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Bounded Lattice Expansions. Journal of Algebra, 2001, 238, 345-371.	0.7	142
2	Lattices of convex normal functions. Fuzzy Sets and Systems, 2008, 159, 1061-1071.	2.7	49
3	The variety generated by the truth value algebra of type-2 fuzzy sets. Fuzzy Sets and Systems, 2010, 161, 735-749.	2.7	46
4	MacNeille completions and canonical extensions. Transactions of the American Mathematical Society, 2005, 358, 573-590.	0.9	34
5	Convex normal functions revisited. Fuzzy Sets and Systems, 2010, 161, 1343-1349.	2.7	30
6	Algebraic Aspects of Orthomodular Lattices. , 2000, , 37-65.		29
7	Completions of orthomodular lattices. Order, 1990, 7, 67-76.	0.5	27
8	Decompositions in Quantum Logic. Transactions of the American Mathematical Society, 1996, 348, 1839-1862.	0.9	27
9	A Link between Quantum Logic and Categorical Quantum Mechanics. International Journal of Theoretical Physics, 2009, 48, 769-802.	1.2	25
10	Regularity in Quantum Logic. International Journal of Theoretical Physics, 1998, 37, 1173-1212.	1.2	21
11	Orthomodular lattices whose MacNeille completions are not orthomodular. Order, 1991, 8, 93-103.	0.5	18
12	Subalgebras of Orthomodular Lattices. Order, 2011, 28, 549-563.	0.5	15
13	Remarks on Concrete Orthomodular Lattices. International Journal of Theoretical Physics, 2004, 43, 2149-2168.	1.2	14
14	On profinite completions and canonical extensions. Algebra Universalis, 2006, 55, 293-296.	0.3	13
15	Modal compact Hausdorff spaces. Journal of Logic and Computation, 2015, 25, 1-35.	0.8	11
16	Functional monadic Heyting algebras. Algebra Universalis, 2002, 48, 1-10.	0.3	10
17	Completions of orthomodular lattices II. Order, 1993, 10, 283-294.	0.5	9
18	The free orthomodular lattice on countably many generators is a subalgebra of the free orthomodular lattice on three generators. Algebra Universalis, 2002, 48, 171-182.	0.3	9

#	ARTICLE	IF	CITATIONS
19	Orthomodularity of Decompositions in a Categorical Setting. International Journal of Theoretical Physics, 2006, 45, 1079-1090.	1.2	9
20	Categories with fuzzy sets and relations. Fuzzy Sets and Systems, 2014, 256, 149-165.	2.7	9
21	Projective bichains. Algebra Universalis, 2012, 67, 347-374.	0.3	8
22	Modal Logics of Stone Spaces. Order, 2012, 29, 271-292.	0.5	8
23	Partial Orders on Fuzzy Truth Value Algebras. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 193-219.	1.9	8
24	Amalgamation of Ortholattices. Order, 1997, 14, 193-209.	0.5	7
25	Axioms of an Experimental System. International Journal of Theoretical Physics, 1999, 38, 1643-1675.	1.2	7
26	Varieties of Birkhoff Systems Part I. Order, 2017, 34, 45-68.	0.5	7
27	Varieties of Birkhoff Systems Part II. Order, 2017, 34, 69-89.	0.5	7
28	Completions of Ordered Algebraic Structures: A Survey. , 2008, , 231-244.		7
29	Proximity Frames and Regularization. Applied Categorical Structures, 2014, 22, 43-78.	0.5	6
30	The convolution algebra. Algebra Universalis, 2018, 79, 1.	0.3	6
31	Group-Valued Measures on the Lattice of Closed Subspaces of a Hilbert Space. International Journal of Theoretical Physics, 2005, 44, 539-548.	1.2	5
32	The modal logic of $\eta(\mathbb{N})$ . Archive for Mathematical Logic, 2009, 48, 231-242.	0.3	5
33	Decidability of the Equational Theory of the Continuous Geometry $\mathcal{CC}(\mathbb{B}^F)$ . Journal of Philosophical Logic, 2013, 42, 461-465.	0.9	5
34	Overview of Lattices of Convex Normal Functions. International Journal of Intelligent Systems, 2016, 31, 257-275.	5.7	5
35	Raney Algebras and Duality for $\mathcal{T}_0$ -Spaces. Applied Categorical Structures, 2020, 28, 963-973.	0.5	5
36	Irreducible orthomodular lattices which are simple. Algebra Universalis, 1992, 29, 556-563.	0.3	4

#	ARTICLE	IF	CITATIONS
37	Embeddings into Orthomodular Lattices with Given Centers, State Spaces and Automorphism Groups. Order, 2000, 17, 239-254.	0.5	4
38	Hausdorff dimension of self-similar sets with overlaps. Science in China Series A: Mathematics, 2009, 52, 119-128.	0.5	4
39	On the Proof that Compact Hausdorff Boolean Algebras are Powersets. Order, 2016, 33, 263-268.	0.5	4
40	Epimorphisms in Certain Varieties of Algebras. Order, 2000, 17, 195-206.	0.5	3
41	Daggers, Kernels, Baer *-semigroups, and Orthomodularity. Journal of Philosophical Logic, 2013, 42, 535-549.	0.9	3
42	Boolean Subalgebras of Orthoalgebras. Order, 2019, 36, 563-609.	0.5	3
43	On Complete Sublattices of the Algebra of Truth Values of Type-2 Fuzzy Sets. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
44	Partial orders on the truth value algebra of finite type-2 fuzzy sets. , 2013, , .		2
45	Compact Hausdorff Heyting algebras. Algebra Universalis, 2016, 76, 301-304.	0.3	2
46	Dynamics in the Decompositions Approach to Quantum Mechanics. International Journal of Theoretical Physics, 2017, 56, 3971-3990.	1.2	2
47	MacNeille transferability and stable classes of Heyting algebras. Algebra Universalis, 2018, 79, 1.	0.3	2
48	The Macneille Completion of a Uniquely Complemented Lattice. Canadian Mathematical Bulletin, 1994, 37, 222-227.	0.5	2
49	A Topos View of the Type-2 Fuzzy Truth Value Algebra. Studies in Computational Intelligence, 2020, , 41-54.	0.9	2
50	$\hat{\mu}$ -Complete Uniquely Complemented Lattices. Order, 2008, 25, 121-129.	0.5	1
51	Type-2 Fuzzy Sets and Bichains. Studies in Fuzziness and Soft Computing, 2013, , 97-112.	0.8	1
52	The Logic of Bundles. International Journal of Theoretical Physics, 2015, 54, 4601-4614.	1.2	1
53	Equations in Type-2 Fuzzy Sets. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 31-42.	1.9	1
54	Modal Operators on Compact Regular Frames and de Vries Algebras. Applied Categorical Structures, 2015, 23, 365-379.	0.5	1

#	ARTICLE	IF	CITATIONS
55	Automorphisms of decompositions. <i>Mathematica Slovaca</i> , 2016, 66, 493-526.	0.6	1
56	Wigner's theorem for an infinite set. <i>Mathematica Slovaca</i> , 2018, 68, 1173-1222.	0.6	1
57	Compact Hausdorff Spaces with Relations and Gleason Spaces. <i>Applied Categorical Structures</i> , 2019, 27, 663-686.	0.5	1
58	Canonical extensions, free completely distributive lattices, and complete retracts. <i>Algebra Universalis</i> , 2021, 82, 1.	0.3	1
59	A Boolean topological orthomodular poset. <i>Algebra Universalis</i> , 2012, 68, 193-196.	0.3	0
60	Categories of interval-valued fuzzy sets. , 2012, , .		0
61	Topos Quantum Theory with Short Posets. <i>Order</i> , 2021, 38, 111-125.	0.5	0
62	Hyper-MacNeille Completions of Heyting Algebras. <i>Studia Logica</i> , 2021, 109, 1119-1157.	0.6	0
63	Completions of Pseudo Ordered Sets. <i>Order</i> , 0, , 1.	0.5	0