John Harding

List of Publications by Year
in descending order

63 papers	701 citations	759233 12 h-index	642732 23 g-index
64 all docs	64 docs citations	64 times ranked	212 citing authors

#	Article	IF	Citations
1	Topos Quantum Theory with Short Posets. Order, 2021, 38, 111-125.	0.5	0
2	Hyper-MacNeille Completions of Heyting Algebras. Studia Logica, 2021, 109, 1119-1157.	0.6	0
3	Canonical extensions, free completely distributive lattices, and complete retracts. Algebra Universalis, 2021, 82, 1.	0.3	1
4	Raney Algebras and Duality for T_0-Spaces. Applied Categorical Structures, 2020, 28, 963-973.	0.5	5
5	A Topos View of the Type-2 Fuzzy Truth Value Algebra. Studies in Computational Intelligence, 2020, , 41-54.	0.9	2
6	Boolean Subalgebras of Orthoalgebras. Order, 2019, 36, 563-609.	0.5	3
7	Compact Hausdorff Spaces with Relations and Gleason Spaces. Applied Categorical Structures, 2019, 27, 663-686.	0.5	1
8	Wigner's theorem for an infinite set. Mathematica Slovaca, 2018, 68, 1173-1222.	0.6	1
9	MacNeille transferability and stable classes of Heyting algebras. Algebra Universalis, 2018, 79, 1.	0.3	2
10	The convolution algebra. Algebra Universalis, 2018, 79, 1.	0.3	6
11	Varieties of Birkhoff Systems Part I. Order, 2017, 34, 45-68.	0.5	7
12	Varieties of Birkhoff Systems Part II. Order, 2017, 34, 69-89.	0.5	7
13	Dynamics in the Decompositions Approach to Quantum Mechanics. International Journal of Theoretical Physics, 2017, 56, 3971-3990.	1.2	2
14	Overview of Lattices of Convex Normal Functions. International Journal of Intelligent Systems, 2016, 31, 257-275.	5.7	5
15	Automorphisms of decompositions. Mathematica Slovaca, 2016, 66, 493-526.	0.6	1
16	Compact Hausdorff Heyting algebras. Algebra Universalis, 2016, 76, 301-304.	0.3	2
17	On the Proof that Compact Hausdorff Boolean Algebras are Powersets. Order, 2016, 33, 263-268.	0.5	4
18	The Logic of Bundles. International Journal of Theoretical Physics, 2015, 54, 4601-4614.	1.2	1

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19	Equations in Type-2 Fuzzy Sets. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2015, 23, 31-42.	1.9	1
20	Modal compact Hausdorff spaces. Journal of Logic and Computation, 2015, 25, 1-35.	0.8	11
21	Partial Orders on Fuzzy Truth Value Algebras. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2015, 23, 193-219.	1.9	8
22	Modal Operators on Compact Regular Frames and de Vries Algebras. Applied Categorical Structures, 2015, 23, 365-379.	0.5	1
23	Proximity Frames and Regularization. Applied Categorical Structures, 2014, 22, 43-78.	0.5	6
24	Categories with fuzzy sets and relations. Fuzzy Sets and Systems, 2014, 256, 149-165.	2.7	9
25	Decidability of the Equational Theory of the Continuous Geometry $CG(\Bbb{F})$. Journal of Philosophical Logic, 2013, 42, 461-465.	0.9	5
26	Daggers, Kernels, Baer *-semigroups, and Orthomodularity. Journal of Philosophical Logic, 2013, 42, 535-549.	0.9	3
27	Partial orders on the truth value algebra of finite type-2 fuzzy sets. , 2013, , .		2
28	Type-2 Fuzzy Sets and Bichains. Studies in Fuzziness and Soft Computing, 2013, , 97-112.	0.8	1
29	Projective bichains. Algebra Universalis, 2012, 67, 347-374.	0.3	8
30	A Boolean topological orthomodular poset. Algebra Universalis, 2012, 68, 193-196.	0.3	0
31	Categories of interval-valued fuzzy sets. , 2012, , .		0
32	Modal Logics of Stone Spaces. Order, 2012, 29, 271-292.	0.5	8
33	Subalgebras of Orthomodular Lattices. Order, 2011, 28, 549-563.	0.5	15
34	Convex normal functions revisited. Fuzzy Sets and Systems, 2010, 161, 1343-1349.	2.7	30
35	The variety generated by the truth value algebra of type-2 fuzzy sets. Fuzzy Sets and Systems, 2010, 161, 735-749.	2.7	46
36	A Link between Quantum Logic and Categorical Quantum Mechanics. International Journal of Theoretical Physics, 2009, 48, 769-802.	1.2	25

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37	Hausdorff dimension of self-similar sets with overlaps. Science in China Series A: Mathematics, 2009, 52, 119-128.	0.5	4
38	The modal logic of $$\eta(\mathbb{N})$$. Archive for Mathematical Logic, 2009, 48, 231-242.	0.3	5
39	Lattices of convex normal functions. Fuzzy Sets and Systems, 2008, 159, 1061-1071.	2.7	49
40	Iº-Complete Uniquely Complemented Lattices. Order, 2008, 25, 121-129.	0.5	1
41	Completions of Ordered Algebraic Structures: A Survey. , 2008, , 231-244.		7
42	On Complete Sublattices of the Algebra of Truth Values of Type-2 Fuzzy Sets. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
43	Orthomodularity of Decompositions in a Categorical Setting. International Journal of Theoretical Physics, 2006, 45, 1079-1090.	1.2	9
44	On profinite completions and canonical extensions. Algebra Universalis, 2006, 55, 293-296.	0.3	13
45	MacNeille completions and canonical extensions. Transactions of the American Mathematical Society, 2005, 358, 573-590.	0.9	34
46	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
47	Remarks on Concrete Orthomodular Lattices. International Journal of Theoretical Physics, 2004, 43, 2149-2168.	1.2	14
48	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
49	Functional monadic Heyting algebras. Algebra Universalis, 2002, 48, 1-10.	0.3	10
50	Bounded Lattice Expansions. Journal of Algebra, 2001, 238, 345-371.	0.7	142
51	Epimorphisms in Certain Varieties of Algebras. Order, 2000, 17, 195-206.	0.5	3
52	Embeddings into Orthomodular Lattices with Given Centers, State Spaces and Automorphism Groups. Order, 2000, 17, 239-254.	0.5	4
53	Algebraic Aspects of Orthomodular Lattices. , 2000, , 37-65.		29
54	Axioms of an Experimental System. International Journal of Theoretical Physics, 1999, 38, 1643-1675.	1.2	7

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55	Regularity in Quantum Logic. International Journal of Theoretical Physics, 1998, 37, 1173-1212.	1.2	21
56	Amalgamation of Ortholattices. Order, 1997, 14, 193-209.	0.5	7
57	Decompositions in Quantum Logic. Transactions of the American Mathematical Society, 1996, 348, 1839-1862.	0.9	27
58	The Macneille Completion of a Uniquely Complemented Lattice. Canadian Mathematical Bulletin, 1994, 37, 222-227.	0.5	2
59	Completions of orthomodular lattices II. Order, 1993, 10, 283-294.	0.5	9
60	Irreducible orthomodular lattices which are simple. Algebra Universalis, 1992, 29, 556-563.	0.3	4
61	Orthmodular lattices whose MacNeille completions are not orthomodular. Order, 1991, 8, 93-103.	0.5	18
62	Completions of orthomodular lattices. Order, 1990, 7, 67-76.	0.5	27
63	Completions of Pseudo Ordered Sets. Order, 0, , 1.	0.5	0