Mai Gehrke

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11853525/publications.pdf

Version: 2024-02-01

39	987	567144 15	454834 30
papers	citations	h-index	g-index

40	40	40	234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bounded Lattice Expansions. Journal of Algebra, 2001, 238, 345-371.	0.4	142
2	Some comments on interval valued fuzzy sets. International Journal of Intelligent Systems, 1996, 11, 751-759.	3.3	89
3	Bounded distributive lattice expansions. Mathematica Scandinavica, 2004, 94, 13.	0.1	84
4	Canonical extensions and relational completeness of some substructural logics. Journal of Symbolic Logic, 2005, 70, 713-740.	0.4	77
5	A Sahlqvist theorem for distributive modal logic. Annals of Pure and Applied Logic, 2005, 131, 65-102.	0.3	76
6	Duality and Equational Theory of Regular Languages. Lecture Notes in Computer Science, 2008, , 246-257.	1.0	56
7	Generalized Kripke Frames. Studia Logica, 2006, 84, 241-275.	0.4	55
8	DeMorgan systems on the unit interval. International Journal of Intelligent Systems, 1998, 11, 733-750.	3.3	47
9	MacNeille completions and canonical extensions. Transactions of the American Mathematical Society, 2005, 358, 573-590.	0.5	34
10	A Mathematical Setting for Fuzzy Logics. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 1997, 05, 223-238.	0.9	33
11	Completeness of S4 with respect to the real line: revisited. Annals of Pure and Applied Logic, 2005, 131, 287-301.	0.3	32
12	Normal forms and truth tables for fuzzy logics. Fuzzy Sets and Systems, 2003, 138, 25-51.	1.6	26
13	Profinite Completions and Canonical Extensions of Heyting Algebras. Order, 2006, 23, 143-161.	0.3	23
14	Î”1-completions of a Poset. Order, 2013, 30, 39-64.	0.3	22
15	Stone duality, topological algebra, and recognition. Journal of Pure and Applied Algebra, 2016, 220, 2711-2747.	0.3	19
16	Sheaf representations of MV-algebras and lattice-ordered abelian groups via duality. Journal of Algebra, 2014, 417, 290-332.	0.4	18
17	Euclidean Hierarchy in Modal Logic. Studia Logica, 2003, 75, 327-344.	0.4	16
18	Canonical extensions for congruential logics with the deduction theorem. Annals of Pure and Applied Logic, 2010, 161, 1502-1519.	0.3	14

#	Article	IF	Citations
19	A Topological Approach to Recognition. Lecture Notes in Computer Science, 2010, , 151-162.	1.0	14
20	Canonical Extensions, Esakia Spaces, and Universal Models. Outstanding Contributions To Logic, 2014, , 9-41.	0.2	14
21	Relational semantics for full linear logic. Journal of Applied Logic, 2014, 12, 50-66.	1.1	13
22	A View of Canonical Extension. Lecture Notes in Computer Science, 2011, , 77-100.	1.0	13
23	Distributive Envelopes and Topological Duality for Lattices via Canonical Extensions. Order, 2014, 31, 435-461.	0.3	11
24	The Order Structure of Stone Spaces and theTD-Separation Axiom. Zeitschrift FÃ¼r Mathematische Logik Und Grundlagen Der Mathematik, 1991, 37, 5-15.	0.2	10
25	Quantifiers on languages and codensity monads. , 2017, , .		8
26	Complete Congruences on Topologies and Down-set Lattices. Applied Categorical Structures, 2007, 15, 163-184.	0.2	6
27	Ultrafilters on words for a fragment of logic. Theoretical Computer Science, 2016, 610, 37-58.	0.5	6
28	Averaging operators on the unit interval. International Journal of Intelligent Systems, 1999, 14, 883-898.	3.3	5
29	Sheaves and duality. Journal of Pure and Applied Algebra, 2018, 222, 2164-2180.	0.3	5
30	Canonical extensions and canonicity via dcpo presentations. Theoretical Computer Science, 2011, 412, 2714-2723.	0.5	4
31	Canonical extensions: an algebraic approach to Stone duality. Algebra Universalis, 2018, 79, 1.	0.2	3
32	Varieties of algebras in fuzzy set theory. , 2005, , 321-344.		3
33	Priestley duality for MV-algebras and beyond. Forum Mathematicum, 2021, 33, 899-921.	0.3	2
34	A Duality Theoretic View on Limits of Finite Structures. Lecture Notes in Computer Science, 2020, , 299-318.	1.0	2
35	Quantifiers on languages and codensity monads. Mathematical Structures in Computer Science, 2020, 30, 1054-1088.	0.5	2
36	Propositional fuzzy logics: Decidable for some (algebraic) operators; undecidable for more complicated ones. International Journal of Intelligent Systems, 1999, 14, 935-947.	3.3	1

#	Article	IF	Citations
37	Stone duality for languages and complexity. ACM SIGLOG News, 2017, 4, 29-53.	0.3	1
38	CALCULUS INSTRUCTION AT NEW MEXICO STATE UNIVERSITY THROUGH WEEKLY THEMES AND COOPERATIVE LEARNING*. Primus, 1993, 3, 83-98.	0.3	0
39	Duality in Computer Science. , 2016, , .		0