Jan Paseka

List of Publications by Year
in descending order

76 papers	377 citations	933447 10 h-index	940533 16 g-index
78 all docs	78 docs citations	78 times ranked	80 citing authors

#	Article	IF	Citations
1	Algebraic and Categorical Aspects of Quantales. Handbook of Algebra, 2008, , 323-362.	0.4	51
2	A direct proof of the Hofmann-Mislove theorem. Proceedings of the American Mathematical Society, 1994, 120, 301-303.	0.8	25
3	Dynamic effect algebras and their representations. Soft Computing, 2012, 16, 1733-1741.	3.6	21
4	Embeddings of quantales into simple quantales. Journal of Pure and Applied Algebra, 2000, 148, 209-216.	0.6	20
5	Operators on MV-algebras and their representations. Fuzzy Sets and Systems, 2013, 232, 62-73.	2.7	13
6	Filters on Some Classes of Quantum B-Algebras. International Journal of Theoretical Physics, 2015, 54, 4397-4409.	1.2	12
7	Lattice-valued bornological systems. Fuzzy Sets and Systems, 2015, 259, 68-88.	2.7	12
8	On tense MV-algebras. Fuzzy Sets and Systems, 2015, 259, 111-125.	2.7	12
9	On the category of lattice-valued bornological vector spaces. Journal of Mathematical Analysis and Applications, 2014, 419, 138-155.	1.0	11
10	Special issue â€" Quantum structures: Theory and applications. Information Sciences, 2009, 179, 475-477.	6.9	10
11	$mathcal{PT}$ -Symmetry in (Generalized) Effect Algebras. International Journal of Theoretical Physics, 2011, 50, 1198-1205.	1.2	10
12	The inheritance of BDE-property in sharply dominating lattice effect algebras and (o)-continuous states. Soft Computing, 2011, 15, 543-555.	3.6	9
13	A Note on Girard Bimodules. International Journal of Theoretical Physics, 2000, 39, 805-812.	1.2	8
14	Considerable Sets of Linear Operators in Hilbert Spaces as Operator Generalized Effect Algebras. Foundations of Physics, 2011, 41, 1634-1647.	1.3	8
15	Hilbert Q-modules and Nuclear Ideals in the Category of V-semilattices with a Duality. Electronic Notes in Theoretical Computer Science, 1999, 29, 240-258.	0.9	7
16	Homogeneous orthocomplete effect algebras are covered by MV-algebras. Fuzzy Sets and Systems, 2013, 210, 89-101.	2.7	7
17	Tense operators in fuzzy logic. Fuzzy Sets and Systems, 2015, 276, 100-113.	2.7	7
18	On injective constructions of S-semigroups. Fuzzy Sets and Systems, 2019, 373, 78-93.	2.7	7

#	Article	IF	Citations
19	Isomorphism theorems on generalized effect algebras based on atoms. Information Sciences, 2009, 179, 521-528.	6.9	6
20	Dynamic Order Algebras as an Axiomatization of Modal and Tense Logics. International Journal of Theoretical Physics, 2015, 54, 4327-4340.	1.2	6
21	Algebraic Aspects of Relatively Pseudocomplemented Posets. Order, 2020, 37, 1-29.	0.5	6
22	Sectionally Pseudocomplemented Posets. Order, 0, , 1.	0.5	6
23	On Realization of Generalized Effect Algebras. Reports on Mathematical Physics, 2012, 70, 375-384.	0.8	5
24	More about sharp and meager elements in Archimedean atomic lattice effect algebras. Soft Computing, 2012, 16, 109-119.	3.6	5
25	On ordinal sums of partially ordered monoids: A unified approach to ordinal sum constructions of t-norms, t-conorms and uninorms. Fuzzy Sets and Systems, 2022, 446, 4-25.	2.7	5
26	Categories of orthogonality spaces. Journal of Pure and Applied Algebra, 2022, 226, 106859.	0.6	5
27	Inherited Properties of Effect Algebras Preserved by Isomorphisms. Acta Polytechnica, 2013, 53, .	0.6	5
28	Lindelöf locales and $\aleph$-compactness. Mathematical Proceedings of the Cambridge Philosophical Society, 1991, 109, 187-191.	0.4	4
29	Projective sup-algebras: a general view. Topology and Its Applications, 2008, 155, 308-317.	0.4	4
30	Projective Quantales: A General View. International Journal of Theoretical Physics, 2008, 47, 291-296.	1.2	4
31	Triple Representation Theorem for orthocomplete homogeneous effect algebras. Algebra Universalis, 2012, 68, 197-220.	0.3	4
32	On the Coextension of Cut-Continuous Pomonoids. Order, 2019, 36, 271-290.	0.5	4
33	A dynamic Effect Algebras with Dual Operation. Mathematics for Applications, 2012, 1, .	0.3	4
34	Compactly Generated de Morgan Lattices, Basic Algebras and Effect Algebras. International Journal of Theoretical Physics, 2010, 49, 3216-3223.	1.2	3
35	State smearing theorems and the existence of states on some atomic lattice effect algebras. Journal of Logic and Computation, 2011, 21, 863-882.	0.8	3
36	Representations of zero-cancellative pomonoids. Mathematica Slovaca, 2014, 64, 777-788.	0.6	3

#	Article	IF	Citations
37	Set Representation of Partial Dynamic De Morgan Algebras. , 2016, , .		3
38	Uniquely Complemented Posets. Order, 2018, 35, 421-431.	0.5	3
39	Normal orthogonality spaces. Journal of Mathematical Analysis and Applications, 2022, 507, 125730.	1.0	3
40	Characterization of Morita Equivalence Pairs of Quantales. International Journal of Theoretical Physics, 2005, 44, 875-883.	1.2	2
41	On Realization of Partially Ordered Abelian Groups. International Journal of Theoretical Physics, 2013, 52, 2028-2037.	1.2	2
42	Properties of Quasi-Hermitian Operators Inherited from Self-Adjoint Operators. International Journal of Theoretical Physics, 2013, 52, 1994-2000.	1.2	2
43	Another proof of the completeness of the Åukasiewicz axioms and of the extensions of Di Nolaâ€™s Theorem. Algebra Universalis, 2015, 73, 277-290.	0.3	2
44	Transition Operators Assigned to Physical Systems. Reports on Mathematical Physics, 2016, 78, 259-280.	0.8	2
45	On a topological universe of L-bornological spaces. Soft Computing, 2016, 20, 2503-2512.	3.6	2
46	Partial tense MV-algebras and related functions. Fuzzy Sets and Systems, 2017, 326, 24-33.	2.7	2
47	The Groupoid-Based Logic for Lattice Effect Algebras. , 2017, , .		2
48	A Representation Theorem for Quantale Valued sup-algebras. , 2018, , .		2
49	Modularity, Atomicity and States in Archimedean Lattice Effect Algebras. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2010, , .	0.5	2
50	Paracompact locales and metric spaces. Mathematical Proceedings of the Cambridge Philosophical Society, 1991, 110, 251-256.	0.4	1
51	On Some Duality for Orthoposets. International Journal of Theoretical Physics, 1998, 37, 155-161.	1.2	1
52	The strength of Engeler's lemma. Mathematical Structures in Computer Science, 2006, 16, 291.	0.6	1
53	Rieffel induction and strong Morita equivalence in the context of Hilbert modules. Soft Computing, 2006, 10, 483-489.	3.6	1
54	Which O-commutative Basic Algebras Are Effect Algebras. International Journal of Theoretical Physics, 2010, 49, 3224-3232.	1.2	1

#	Article	IF	Citations
55	Sharply Dominating MV-Effect Algebras. International Journal of Theoretical Physics, 2011, 50, 1152-1159.	1.2	1
56	Triple Representation Theorem for Homogeneous Effect Algebras. , 2012, , .		1
57	Almost Orthogonality and Hausdorff Interval Topologies of de Morgan Lattices and Lattice Effect Algebras. International Journal of Theoretical Physics, 2013, 52, 2055-2064.	1.2	1
58	How to Produce S-Tense Operators on Lattice Effect Algebras. Foundations of Physics, 2014, 44, 792-811.	1.3	1
59	On realization of effect algebras. Mathematica Slovaca, 2016, 66, 343-358.	0.6	1
60	Galois connections and tense operators on q-effect algebras. Fuzzy Sets and Systems, 2016, 298, 56-68.	2.7	1
61	On ordinal sums of t-norms and t-conorms on bounded posets. , 2020, , .		1
62	The MacNeille Completions for Residuated S-Posets. International Journal of Theoretical Physics, 2021, 60, 667-676.	1.2	1
63	Residuated Operators and Dedekindâ€"MacNeille Completion. Trends in Logic, 2021, , 57-72.	0.2	1
64	Constructions of Kleene lattices. , 2022, , .		1
65	Products in the category of locales: which properties are preserved?. Discrete Mathematics, 1992, 108, 63-73.	0.7	0
66	The Bicategory of m-regular Involutive Quantales. International Journal of Theoretical Physics, 2004, 43, 1667-1674.	1.2	0
67	Morita Contexts and their Lattices of Relations. International Journal of Theoretical Physics, 2005, 44, 2249-2258.	1.2	0
68	More on the Strength of Engelerâ€™s Lemma. Order, 2008, 25, 69-77.	0.5	0
69	Projective biframes: a general view. Quaestiones Mathematicae, 2009, 32, 281-295.	0.6	0
70	MacNeille completion of centers and centers of MacNeille completions of lattice effect algebras: Generic scheme behind. Mathematica Slovaca, 2012, 62, .	0.6	0
71	Musings about the Triple Representation Theorem for Effect Algebras. Order, 2013, 30, 527-539.	0.5	0
72	A Hilbert Space Operator Representation of Abelian Po-Groups of Bilinear Forms. International Journal of Theoretical Physics, 2015, 54, 4349-4355.	1.2	0

#	Article	IF	Citations
73	Categorical foundations of variety-based bornology. Fuzzy Sets and Systems, 2016, 291, 132-143.	2.7	0
74	Dynamic Logic Assigned to Automata. International Journal of Theoretical Physics, 2017, 56, 3794-3806.	1.2	0
75	Evolution of objects and concepts. Soft Computing, 2019, 23, 9449-9458.	3.6	0
76	An algebraic analysis of implication in non-distributive logics. Journal of Logic and Computation, 0, , .	0.8	0