

Jan Paseka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On ordinal sums of partially ordered monoids: A unified approach to ordinal sum constructions of t-norms, t-conorms and uninorms. <i>Fuzzy Sets and Systems</i> , 2022, 446, 4-25.	2.7	5
2	Categories of orthogonality spaces. <i>Journal of Pure and Applied Algebra</i> , 2022, 226, 106859.	0.6	5
3	Normal orthogonality spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 507, 125730.	1.0	3
4	Constructions of Kleene lattices. , 2022, , .		1
5	The MacNeille Completions for Residuated S-Posets. <i>International Journal of Theoretical Physics</i> , 2021, 60, 667-676.	1.2	1
6	Residuated Operators and Dedekindâ€™MacNeille Completion. <i>Trends in Logic</i> , 2021, , 57-72.	0.2	1
7	Algebraic Aspects of Relatively Pseudocomplemented Posets. <i>Order</i> , 2020, 37, 1-29.	0.5	6
8	On ordinal sums of t-norms and t-conorms on bounded posets. , 2020, , .		1
9	On the Coextension of Cut-Continuous Pomonoids. <i>Order</i> , 2019, 36, 271-290.	0.5	4
10	Evolution of objects and concepts. <i>Soft Computing</i> , 2019, 23, 9449-9458.	3.6	0
11	On injective constructions of S-semigroups. <i>Fuzzy Sets and Systems</i> , 2019, 373, 78-93.	2.7	7
12	Uniquely Complemented Posets. <i>Order</i> , 2018, 35, 421-431.	0.5	3
13	A Representation Theorem for Quantale Valued sup-algebras. , 2018, , .		2
14	Partial tense MV-algebras and related functions. <i>Fuzzy Sets and Systems</i> , 2017, 326, 24-33.	2.7	2
15	The Groupoid-Based Logic for Lattice Effect Algebras. , 2017, , .		2
16	Dynamic Logic Assigned to Automata. <i>International Journal of Theoretical Physics</i> , 2017, 56, 3794-3806.	1.2	0
17	Transition Operators Assigned to Physical Systems. <i>Reports on Mathematical Physics</i> , 2016, 78, 259-280.	0.8	2
18	Set Representation of Partial Dynamic De Morgan Algebras. , 2016, , .		3

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19	On realization of effect algebras. <i>Mathematica Slovaca</i> , 2016, 66, 343-358.	0.6	1
20	Galois connections and tense operators on q-effect algebras. <i>Fuzzy Sets and Systems</i> , 2016, 298, 56-68.	2.7	1
21	On a topological universe of L-bornological spaces. <i>Soft Computing</i> , 2016, 20, 2503-2512.	3.6	2
22	Categorical foundations of variety-based bornology. <i>Fuzzy Sets and Systems</i> , 2016, 291, 132-143.	2.7	0
23	Another proof of the completeness of the Āukasiewicz axioms and of the extensions of Di Nola's Theorem. <i>Algebra Universalis</i> , 2015, 73, 277-290.	0.3	2
24	Dynamic Order Algebras as an Axiomatization of Modal and Tense Logics. <i>International Journal of Theoretical Physics</i> , 2015, 54, 4327-4340.	1.2	6
25	A Hilbert Space Operator Representation of Abelian Po-Groups of Bilinear Forms. <i>International Journal of Theoretical Physics</i> , 2015, 54, 4349-4355.	1.2	0
26	Filters on Some Classes of Quantum B-Algebras. <i>International Journal of Theoretical Physics</i> , 2015, 54, 4397-4409.	1.2	12
27	Tense operators in fuzzy logic. <i>Fuzzy Sets and Systems</i> , 2015, 276, 100-113.	2.7	7
28	Lattice-valued bornological systems. <i>Fuzzy Sets and Systems</i> , 2015, 259, 68-88.	2.7	12
29	On tense MV-algebras. <i>Fuzzy Sets and Systems</i> , 2015, 259, 111-125.	2.7	12
30	Representations of zero-cancellative pomonoids. <i>Mathematica Slovaca</i> , 2014, 64, 777-788.	0.6	3
31	How to Produce S-Tense Operators on Lattice Effect Algebras. <i>Foundations of Physics</i> , 2014, 44, 792-811.	1.3	1
32	On the category of lattice-valued bornological vector spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 419, 138-155.	1.0	11
33	Musings about the Triple Representation Theorem for Effect Algebras. <i>Order</i> , 2013, 30, 527-539.	0.5	0
34	Operators on MV-algebras and their representations. <i>Fuzzy Sets and Systems</i> , 2013, 232, 62-73.	2.7	13
35	Almost Orthogonality and Hausdorff Interval Topologies of de Morgan Lattices and Lattice Effect Algebras. <i>International Journal of Theoretical Physics</i> , 2013, 52, 2055-2064.	1.2	1
36	On Realization of Partially Ordered Abelian Groups. <i>International Journal of Theoretical Physics</i> , 2013, 52, 2028-2037.	1.2	2

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37	Properties of Quasi-Hermitian Operators Inherited from Self-Adjoint Operators. International Journal of Theoretical Physics, 2013, 52, 1994-2000.	1.2	2
38	Homogeneous orthocomplete effect algebras are covered by MV-algebras. Fuzzy Sets and Systems, 2013, 210, 89-101.	2.7	7
39	Inherited Properties of Effect Algebras Preserved by Isomorphisms. Acta Polytechnica, 2013, 53, .	0.6	5
40	Triple Representation Theorem for Homogeneous Effect Algebras. , 2012, , .		1
41	Triple Representation Theorem for orthocomplete homogeneous effect algebras. Algebra Universalis, 2012, 68, 197-220.	0.3	4
42	Dynamic effect algebras and their representations. Soft Computing, 2012, 16, 1733-1741.	3.6	21
43	MacNeille completion of centers and centers of MacNeille completions of lattice effect algebras: Generic scheme behind. Mathematica Slovaca, 2012, 62, .	0.6	0
44	On Realization of Generalized Effect Algebras. Reports on Mathematical Physics, 2012, 70, 375-384.	0.8	5
45	More about sharp and meager elements in Archimedean atomic lattice effect algebras. Soft Computing, 2012, 16, 109-119.	3.6	5
46	A dynamic Effect Algebras with Dual Operation. Mathematics for Applications, 2012, 1, .	0.3	4
47	Considerable Sets of Linear Operators in Hilbert Spaces as Operator Generalized Effect Algebras. Foundations of Physics, 2011, 41, 1634-1647.	1.3	8
48	Sharply Dominating MV-Effect Algebras. International Journal of Theoretical Physics, 2011, 50, 1152-1159.	1.2	1
49	\mathcal{PT} -Symmetry in (Generalized) Effect Algebras. International Journal of Theoretical Physics, 2011, 50, 1198-1205.	1.2	10
50	The inheritance of BDE-property in sharply dominating lattice effect algebras and (o)-continuous states. Soft Computing, 2011, 15, 543-555.	3.6	9
51	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
52	Compactly Generated de Morgan Lattices, Basic Algebras and Effect Algebras. International Journal of Theoretical Physics, 2010, 49, 3216-3223.	1.2	3
53	Which O-commutative Basic Algebras Are Effect Algebras. International Journal of Theoretical Physics, 2010, 49, 3224-3232.	1.2	1
54	Modularity, Atomicity and States in Archimedean Lattice Effect Algebras. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2010, , .	0.5	2

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55	Isomorphism theorems on generalized effect algebras based on atoms. <i>Information Sciences</i> , 2009, 179, 521-528.	6.9	6
56	Special issue "Quantum structures: Theory and applications. <i>Information Sciences</i> , 2009, 179, 475-477.	6.9	10
57	Projective biframes: a general view. <i>Quaestiones Mathematicae</i> , 2009, 32, 281-295.	0.6	0
58	Projective sup-algebras: a general view. <i>Topology and Its Applications</i> , 2008, 155, 308-317.	0.4	4
59	More on the Strength of Engeler's Lemma. <i>Order</i> , 2008, 25, 69-77.	0.5	0
60	Projective Quantaes: A General View. <i>International Journal of Theoretical Physics</i> , 2008, 47, 291-296.	1.2	4
61	Algebraic and Categorical Aspects of Quantaes. <i>Handbook of Algebra</i> , 2008, , 323-362.	0.4	51
62	The strength of Engeler's lemma. <i>Mathematical Structures in Computer Science</i> , 2006, 16, 291.	0.6	1
63	Rieffel induction and strong Morita equivalence in the context of Hilbert modules. <i>Soft Computing</i> , 2006, 10, 483-489.	3.6	1
64	Characterization of Morita Equivalence Pairs of Quantaes. <i>International Journal of Theoretical Physics</i> , 2005, 44, 875-883.	1.2	2
65	Morita Contexts and their Lattices of Relations. <i>International Journal of Theoretical Physics</i> , 2005, 44, 2249-2258.	1.2	0
66	The Bicategory of m-regular Involutive Quantaes. <i>International Journal of Theoretical Physics</i> , 2004, 43, 1667-1674.	1.2	0
67	Embeddings of quantaes into simple quantaes. <i>Journal of Pure and Applied Algebra</i> , 2000, 148, 209-216.	0.6	20
68	A Note on Girard Bimodules. <i>International Journal of Theoretical Physics</i> , 2000, 39, 805-812.	1.2	8
69	Hilbert Q-modules and Nuclear Ideals in the Category of V-semilattices with a Duality. <i>Electronic Notes in Theoretical Computer Science</i> , 1999, 29, 240-258.	0.9	7
70	On Some Duality for Orthoposets. <i>International Journal of Theoretical Physics</i> , 1998, 37, 155-161.	1.2	1
71	A direct proof of the Hofmann-Mislove theorem. <i>Proceedings of the American Mathematical Society</i> , 1994, 120, 301-303.	0.8	25
72	Products in the category of locales: which properties are preserved?. <i>Discrete Mathematics</i> , 1992, 108, 63-73.	0.7	0

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73	Lindelöf locales and $\hat{\alpha}$ -compactness. Mathematical Proceedings of the Cambridge Philosophical Society, 1991, 109, 187-191.	0.4	4
74	Paracompact locales and metric spaces. Mathematical Proceedings of the Cambridge Philosophical Society, 1991, 110, 251-256.	0.4	1
75	Sectionally Pseudocomplemented Posets. Order, 0, , 1.	0.5	6
76	An algebraic analysis of implication in non-distributive logics. Journal of Logic and Computation, 0, , .	0.8	0