

Javier Gutiérrez García

List of Publications by Year in descending order

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82
papers

697
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567281

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84
all docs

84
docs citations

84
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Frame presentations of compact hedgehogs and their properties. Quaestiones Mathematicae, 2023, 46, 207-242.	0.6	1
2	A theory of quantale-enriched dcpos and their topologization. Fuzzy Sets and Systems, 2022, , .	2.7	2
3	Some partial results on the cancellation law for the tensor product of complete lattices. Algebra Universalis, 2022, 83, 1.	0.3	1
4	Invariance of projective modules in \mathbf{Sup} under self-duality. Algebra Universalis, 2021, 82, 1.	0.3	3
5	Enriched topologies and topological representation of semi-unital and semi-integral quantales. Topology and Its Applications, 2020, 273, 106967.	0.4	5
6	On hereditary properties of extremally disconnected frames and normal frames. Topology and Its Applications, 2020, 273, 106978.	0.4	5
7	Perfect locales and localic real functions. Algebra Universalis, 2020, 81, 1.	0.3	4
8	An extension of the fuzzy unit interval to a tensor product with completely distributive first factor. Fuzzy Sets and Systems, 2019, 370, 63-78.	2.7	3
9	Some characterizations of the tensor product of complete lattices with applications to quantales. Semigroup Forum, 2019, 99, 303-316.	0.6	1
10	Hedgehog frames and a cardinal extension of normality. Journal of Pure and Applied Algebra, 2019, 223, 2345-2370.	0.6	4
11	On fuzzy uniformities induced by a fuzzy metric space. Fuzzy Sets and Systems, 2018, 330, 52-78.	2.7	13
12	Fuzzy Galois connections on fuzzy sets. Fuzzy Sets and Systems, 2018, 352, 26-55.	2.7	8
13	Module Theory in $\mathbf{Sup}^{\mathbf{Sup}}$. Developments in Mathematics, 2018, , 203-288.	0.4	0
14	Fundamentals of Quantales. Developments in Mathematics, 2018, , 45-202.	0.4	0
15	Tensor products of complete lattices and their application in constructing quantales. Fuzzy Sets and Systems, 2017, 313, 43-60.	2.7	16
16	Perfectness in locales. Quaestiones Mathematicae, 2017, 40, 507-518.	0.6	7
17	Complete many-valued lattices. , 2017, , .		0
18	Non-commutativity and many-valuedness: The topological representation of the spectrum of $\widehat{C^*}$ -algebras. , 2017, , .		0

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19	A unified view of the Dedekind completion of pointfree function rings. Quaestiones Mathematicae, 2016, 39, 991-1003.	0.6	1
20	Normal semicontinuity and the Dedekind completion of pointfree function rings. Algebra Universalis, 2016, 75, 301-330.	0.3	5
21	Presenting the frame of the unit circle. Journal of Pure and Applied Algebra, 2016, 220, 976-1001.	0.6	2
22	The Wijsman topology of a fuzzy metric space. Fuzzy Sets and Systems, 2016, 300, 57-71.	2.7	2
23	Zenbaki errealak eraikitzen. Ekaia (journal), 2016, , 107-125.	0.0	0
24	Forty years of Hutton fuzzy unit interval. Fuzzy Sets and Systems, 2015, 281, 128-133.	2.7	3
25	On the Dedekind completion of function rings. Forum Mathematicum, 2015, 27, .	0.7	5
26	Continuous Representability of Interval Orders: The Topological Compatibility Setting. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 345-365.	1.9	13
27	Inserting measurable functions precisely. Czechoslovak Mathematical Journal, 2014, 64, 743-749.	0.3	2
28	On the parallel between normality and extremal disconnectedness. Journal of Pure and Applied Algebra, 2014, 218, 784-803.	0.6	23
29	A preservation result for completely regular locales. Topology and Its Applications, 2014, 168, 40-45.	0.4	1
30	Monotone normality and stratifiability from a pointfree point of view. Topology and Its Applications, 2014, 168, 46-65.	0.4	3
31	Numerical Representation of Semiorders. Order, 2013, 30, 455-462.	0.5	12
32	An identification theorem for the completion of the Hausdorff fuzzy metric. Fuzzy Sets and Systems, 2013, 227, 96-106.	2.7	6
33	FURTHER RESULTS ON THE CONTINUOUS REPRESENTABILITY OF SEMIORDERS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2013, 21, 675-694.	1.9	11
34	Insertion and extension results for pointfree complete regularity. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2013, 20, .	0.2	2
35	Insertion and extension theorems for completely distributive lattice valued functions. Annales Societatis Mathematicae Polonae Seria 1, Commentationes Mathematicae, 2013, 53, .	0.4	0
36	Semiorders with separability properties. Journal of Mathematical Psychology, 2012, 56, 444-451.	1.8	23

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37	Preserving continuity by Zadeh extension and invariance of separation axioms under surjections. <i>Fuzzy Sets and Systems</i> , 2012, 204, 66-70.	2.7	1
38	Separating families of locale maps and localic embeddings. <i>Algebra Universalis</i> , 2012, 67, 105-112.	0.3	10
39	Topological calculus for separating points from closed sets by maps. <i>Czechoslovak Mathematical Journal</i> , 2012, 62, 257-264.	0.3	1
40	Standard fuzzy uniform structures based on continuous t-norms. <i>Fuzzy Sets and Systems</i> , 2012, 195, 75-89.	2.7	7
41	Extended real functions in pointfree topology. <i>Journal of Pure and Applied Algebra</i> , 2012, 216, 905-922.	0.6	13
42	Rings of real functions in pointfree topology. <i>Topology and Its Applications</i> , 2011, 158, 2264-2278.	0.4	10
43	Quasi-metrics and monotone normality. <i>Topology and Its Applications</i> , 2011, 158, 2049-2055.	0.4	3
44	Insertion of Continuous Real Functions on Spaces, Bispaces, Ordered Spaces and Pointfree Spaces – A Common Root. <i>Applied Categorical Structures</i> , 2011, 19, 469-487.	0.5	0
45	Examples of non-strong fuzzy metrics. <i>Fuzzy Sets and Systems</i> , 2011, 162, 91-93.	2.7	15
46	On the uniformization of lattice-valued frames. <i>Fuzzy Sets and Systems</i> , 2011, 166, 90-100.	2.7	1
47	General insertion and extension theorems for localic real functions. <i>Journal of Pure and Applied Algebra</i> , 2011, 215, 1198-1204.	0.6	7
48	Insertion and extension theorems for lattice-valued functions on preordered topological spaces. <i>Topology and Its Applications</i> , 2011, 158, 60-68.	0.4	2
49	Fuzzy Galois connections categorically. <i>Mathematical Logic Quarterly</i> , 2010, 56, 131-147.	0.2	22
50	Fuzzy uniform structures and continuous t-norms. <i>Fuzzy Sets and Systems</i> , 2010, 161, 1011-1021.	2.7	8
51	On lattice-valued frames: The completely distributive case. <i>Fuzzy Sets and Systems</i> , 2010, 161, 1022-1030.	2.7	13
52	Ideal-valued topological structures. <i>Fuzzy Sets and Systems</i> , 2010, 161, 2380-2388.	2.7	0
53	A tribute to Ulrich Höhle on the occasion of his 65th birthday. <i>Fuzzy Sets and Systems</i> , 2010, 161, 2349-2353.	2.7	0
54	UNIVERSAL CODOMAINS TO REPRESENT INTERVAL ORDERS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2009, 17, 197-219.	1.9	14

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55	Monotone normality free of T 1 axiom. Acta Mathematica Hungarica, 2009, 122, 71-80.	0.5	3
56	Unified Representability of Total Preorders and Interval Orders through a Single Function: The Lattice Approach. Order, 2009, 26, 255-275.	0.5	17
57	Lower and upper regularizations of frame semicontinuous real functions. Algebra Universalis, 2009, 60, 169-184.	0.3	15
58	Completely normal frames and real-valued functions. Topology and Its Applications, 2009, 156, 2932-2941.	0.4	9
59	Pointfree forms of Dowker��s and Michael��s insertion theorems. Journal of Pure and Applied Algebra, 2009, 213, 98-108.	0.6	20
60	Localic real functions: A general setting. Journal of Pure and Applied Algebra, 2009, 213, 1064-1074.	0.6	26
61	A new look at some classical theorems on continuous functions on normal spaces. Acta Mathematica Hungarica, 2008, 119, 333-339.	0.5	2
62	Monotone insertion and monotone extension of frame homomorphisms. Journal of Pure and Applied Algebra, 2008, 212, 955-968.	0.6	10
63	Uniform-type structures on lattice-valued spaces and frames. Fuzzy Sets and Systems, 2008, 159, 2469-2487.	2.7	7
64	Further results on L-valued filters. Chaos, Solitons and Fractals, 2007, 31, 162-172.	5.1	1
65	Completeness of Hutton -quasi-uniform spaces. Fuzzy Sets and Systems, 2007, 158, 1791-1802.	2.7	4
66	On the algebraic representation of semicontinuity. Journal of Pure and Applied Algebra, 2007, 210, 299-306.	0.6	18
67	Sandwich-type characterization of completely regular spaces. Applied General Topology, 2007, 8, 239-242.	0.5	3
68	On stratified L-valued filters induced by -filters. Fuzzy Sets and Systems, 2006, 157, 813-819.	2.7	15
69	Hutton -quasi-uniformities induced by fuzzy (quasi-)metric spaces. Fuzzy Sets and Systems, 2006, 157, 755-766.	2.7	18
70	Insertion of lattice-valued and hedgehog-valued functions. Topology and Its Applications, 2006, 153, 1458-1475.	0.4	19
71	Order-theoretic, topological, categorical redundancies of interval-valued sets, grey sets, vague sets, interval-valued ��intuitionistic��-sets, ��intuitionistic��-fuzzy sets and topologies. Fuzzy Sets and Systems, 2005, 156, 445-484.	2.7	86
72	Characteristic values of -filters. Fuzzy Sets and Systems, 2005, 156, 55-67.	2.7	3

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73	A Unified Approach To The Concept Of Fuzzy L-Uniform Space. Trends in Logic, 2003, , 81-114.	0.2	23
74	Generalised filters 2. Fuzzy Sets and Systems, 1999, 106, 393-400.	2.7	15
75	Generalised filters I. Fuzzy Sets and Systems, 1999, 106, 275-284.	2.7	17
76	The Relationship Between Various Filter Notions on aGL-Monoid. Journal of Mathematical Analysis and Applications, 1999, 230, 291-302.	1.0	25
77	Extensions Of Uniform Space Notions. The Handbooks of Fuzzy Sets Series, 1999, , 581-606.	0.5	3
78	SUPER UNIFORM SPACES. Quaestiones Mathematicae, 1997, 20, 291-309.	0.6	10
79	EMBEDDINGS INTO THE CATEGORY OF SUPER UNIFORM SPACES. Quaestiones Mathematicae, 1997, 20, 311-326.	0.6	6
80	EVEN FUZZY TOPOLOGIES and RELATED STRUCTURES. Quaestiones Mathematicae, 1997, 20, 327-350.	0.6	4
81	Basic Concepts of Quantale-Enriched Topologies. Applied Categorical Structures, 0, , 1.	0.5	4
82	On the categorical behaviour of locales and $\langle i \rangle D \langle /i \rangle$ -localic maps. Quaestiones Mathematicae, 0, , 1-19.	0.6	0