

Javier Gutiérrez García

List of Publications by Year in descending order

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82
papers

697
citations

566801

15
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676716

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84
all docs

84
docs citations

84
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Order-theoretic, topological, categorical redundancies of interval-valued sets, grey sets, vague sets, interval-valued α -intuitionistic sets, α -intuitionistic fuzzy sets and topologies. Fuzzy Sets and Systems, 2005, 156, 445-484.	1.6	86
2	Localic real functions: A general setting. Journal of Pure and Applied Algebra, 2009, 213, 1064-1074.	0.3	26
3	The Relationship Between Various Filter Notions on a GL-Monoid. Journal of Mathematical Analysis and Applications, 1999, 230, 291-302.	0.5	25
4	Semiororders with separability properties. Journal of Mathematical Psychology, 2012, 56, 444-451.	1.0	23
5	On the parallel between normality and extremal disconnectedness. Journal of Pure and Applied Algebra, 2014, 218, 784-803.	0.3	23
6	A Unified Approach To The Concept Of Fuzzy L-Uniform Space. Trends in Logic, 2003, , 81-114.	0.2	23
7	Fuzzy Galois connections categorically. Mathematical Logic Quarterly, 2010, 56, 131-147.	0.2	22
8	Pointfree forms of Dowker's and Michael's insertion theorems. Journal of Pure and Applied Algebra, 2009, 213, 98-108.	0.3	20
9	Insertion of lattice-valued and hedgehog-valued functions. Topology and Its Applications, 2006, 153, 1458-1475.	0.2	19
10	Hutton -quasi-uniformities induced by fuzzy (quasi-)metric spaces. Fuzzy Sets and Systems, 2006, 157, 755-766.	1.6	18
11	On the algebraic representation of semicontinuity. Journal of Pure and Applied Algebra, 2007, 210, 299-306.	0.3	18
12	Generalised filters I. Fuzzy Sets and Systems, 1999, 106, 275-284.	1.6	17
13	Unified Representability of Total Preorders and Interval Orders through a Single Function: The Lattice Approach. Order, 2009, 26, 255-275.	0.3	17
14	Tensor products of complete lattices and their application in constructing quantales. Fuzzy Sets and Systems, 2017, 313, 43-60.	1.6	16
15	Generalised filters 2. Fuzzy Sets and Systems, 1999, 106, 393-400.	1.6	15
16	On stratified L-valued filters induced by α -filters. Fuzzy Sets and Systems, 2006, 157, 813-819.	1.6	15
17	Lower and upper regularizations of frame semicontinuous real functions. Algebra Universalis, 2009, 60, 169-184.	0.2	15
18	Examples of non-strong fuzzy metrics. Fuzzy Sets and Systems, 2011, 162, 91-93.	1.6	15

#	ARTICLE	IF	CITATIONS
19	UNIVERSAL CODOMAINS TO REPRESENT INTERVAL ORDERS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2009, 17, 197-219.	0.9	14
20	On lattice-valued frames: The completely distributive case. Fuzzy Sets and Systems, 2010, 161, 1022-1030.	1.6	13
21	Extended real functions in pointfree topology. Journal of Pure and Applied Algebra, 2012, 216, 905-922.	0.3	13
22	Continuous Representability of Interval Orders: The Topological Compatibility Setting. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2015, 23, 345-365.	0.9	13
23	On fuzzy uniformities induced by a fuzzy metric space. Fuzzy Sets and Systems, 2018, 330, 52-78.	1.6	13
24	Numerical Representation of Semiorders. Order, 2013, 30, 455-462.	0.3	12
25	FURTHER RESULTS ON THE CONTINUOUS REPRESENTABILITY OF SEMIORDERS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2013, 21, 675-694.	0.9	11
26	SUPER UNIFORM SPACES. Quaestiones Mathematicae, 1997, 20, 291-309.	0.2	10
27	Monotone insertion and monotone extension of frame homomorphisms. Journal of Pure and Applied Algebra, 2008, 212, 955-968.	0.3	10
28	Rings of real functions in pointfree topology. Topology and Its Applications, 2011, 158, 2264-2278.	0.2	10
29	Separating families of locale maps and localic embeddings. Algebra Universalis, 2012, 67, 105-112.	0.2	10
30	Completely normal frames and real-valued functions. Topology and Its Applications, 2009, 156, 2932-2941.	0.2	9
31	Fuzzy uniform structures and continuous t-norms. Fuzzy Sets and Systems, 2010, 161, 1011-1021.	1.6	8
32	Fuzzy Galois connections on fuzzy sets. Fuzzy Sets and Systems, 2018, 352, 26-55.	1.6	8
33	Uniform-type structures on lattice-valued spaces and frames. Fuzzy Sets and Systems, 2008, 159, 2469-2487.	1.6	7
34	General insertion and extension theorems for localic real functions. Journal of Pure and Applied Algebra, 2011, 215, 1198-1204.	0.3	7
35	Standard fuzzy uniform structures based on continuous t-norms. Fuzzy Sets and Systems, 2012, 195, 75-89.	1.6	7
36	Perfectness in locales. Quaestiones Mathematicae, 2017, 40, 507-518.	0.2	7

#	ARTICLE	IF	CITATIONS
37	EMBEDDINGS INTO THE CATEGORY OF SUPER UNIFORM SPACES. <i>Quaestiones Mathematicae</i> , 1997, 20, 311-326.	0.2	6
38	An identification theorem for the completion of the Hausdorff fuzzy metric. <i>Fuzzy Sets and Systems</i> , 2013, 227, 96-106.	1.6	6
39	On the Dedekind completion of function rings. <i>Forum Mathematicum</i> , 2015, 27, .	0.3	5
40	Normal semicontinuity and the Dedekind completion of pointfree function rings. <i>Algebra Universalis</i> , 2016, 75, 301-330.	0.2	5
41	Enriched topologies and topological representation of semi-unital and semi-integral quantales. <i>Topology and Its Applications</i> , 2020, 273, 106967.	0.2	5
42	On hereditary properties of extremally disconnected frames and normal frames. <i>Topology and Its Applications</i> , 2020, 273, 106978.	0.2	5
43	EVEN FUZZY TOPOLOGIES and RELATED STRUCTURES. <i>Quaestiones Mathematicae</i> , 1997, 20, 327-350.	0.2	4
44	Completeness of Hutton \mathcal{U} -quasi-uniform spaces. <i>Fuzzy Sets and Systems</i> , 2007, 158, 1791-1802.	1.6	4
45	Hedgehog frames and a cardinal extension of normality. <i>Journal of Pure and Applied Algebra</i> , 2019, 223, 2345-2370.	0.3	4
46	Perfect locales and localic real functions. <i>Algebra Universalis</i> , 2020, 81, 1.	0.2	4
47	Basic Concepts of Quantale-Enriched Topologies. <i>Applied Categorical Structures</i> , 0, , 1.	0.2	4
48	Characteristic values of \mathcal{U} -filters. <i>Fuzzy Sets and Systems</i> , 2005, 156, 55-67.	1.6	3
49	Monotone normality free of T_1 axiom. <i>Acta Mathematica Hungarica</i> , 2009, 122, 71-80.	0.3	3
50	Quasi-metrics and monotone normality. <i>Topology and Its Applications</i> , 2011, 158, 2049-2055.	0.2	3
51	Monotone normality and stratifiability from a pointfree point of view. <i>Topology and Its Applications</i> , 2014, 168, 46-65.	0.2	3
52	Forty years of Hutton fuzzy unit interval. <i>Fuzzy Sets and Systems</i> , 2015, 281, 128-133.	1.6	3
53	An extension of the fuzzy unit interval to a tensor product with completely distributive first factor. <i>Fuzzy Sets and Systems</i> , 2019, 370, 63-78.	1.6	3
54	Invariance of projective modules in \mathbf{Sup} under self-duality. <i>Algebra Universalis</i> , 2021, 82, 1.	0.2	3

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55	Extensions Of Uniform Space Notions. The Handbooks of Fuzzy Sets Series, 1999, , 581-606.	0.5	3
56	Sandwich-type characterization of completely regular spaces. Applied General Topology, 2007, 8, 239-242.	0.1	3
57	A new look at some classical theorems on continuous functions on normal spaces. Acta Mathematica Hungarica, 2008, 119, 333-339.	0.3	2
58	Insertion and extension theorems for lattice-valued functions on preordered topological spaces. Topology and Its Applications, 2011, 158, 60-68.	0.2	2
59	Inserting measurable functions precisely. Czechoslovak Mathematical Journal, 2014, 64, 743-749.	0.3	2
60	Presenting the frame of the unit circle. Journal of Pure and Applied Algebra, 2016, 220, 976-1001.	0.3	2
61	The Wijsman topology of a fuzzy metric space. Fuzzy Sets and Systems, 2016, 300, 57-71.	1.6	2
62	Insertion and extension results for pointfree complete regularity. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2013, 20, .	0.1	2
63	A theory of quantale-enriched dcpos and their topologization. Fuzzy Sets and Systems, 2022, , .	1.6	2
64	Further results on L-valued filters. Chaos, Solitons and Fractals, 2007, 31, 162-172.	2.5	1
65	On the uniformization of lattice-valued frames. Fuzzy Sets and Systems, 2011, 166, 90-100.	1.6	1
66	Preserving continuity by Zadeh extension and invariance of separation axioms under surjections. Fuzzy Sets and Systems, 2012, 204, 66-70.	1.6	1
67	Topological calculus for separating points from closed sets by maps. Czechoslovak Mathematical Journal, 2012, 62, 257-264.	0.3	1
68	A preservation result for completely regular locales. Topology and Its Applications, 2014, 168, 40-45.	0.2	1
69	A unified view of the Dedekind completion of pointfree function rings. Quaestiones Mathematicae, 2016, 39, 991-1003.	0.2	1
70	Some characterizations of the tensor product of complete lattices with applications to quantales. Semigroup Forum, 2019, 99, 303-316.	0.3	1
71	Frame presentations of compact hedgehogs and their properties. Quaestiones Mathematicae, 2023, 46, 207-242.	0.2	1
72	Some partial results on the cancellation law for the tensor product of complete lattices. Algebra Universalis, 2022, 83, 1.	0.2	1

#	ARTICLE	IF	CITATIONS
73	Ideal-valued topological structures. Fuzzy Sets and Systems, 2010, 161, 2380-2388.	1.6	0
74	A tribute to Ulrich Hähnle on the occasion of his 65th birthday. Fuzzy Sets and Systems, 2010, 161, 2349-2353.	1.6	0
75	Insertion of Continuous Real Functions on Spaces, Bispaces, Ordered Spaces and Pointfree Spaces – A Common Root. Applied Categorical Structures, 2011, 19, 469-487.	0.2	0
76	Complete many-valued lattices. , 2017, , .		0
77	Non-commutativity and many-valuedness: The topological representation of the spectrum of \hat{C}^* -algebras. , 2017, , .		0
78	Module Theory in \mathbb{S}^{Sup} . Developments in Mathematics, 2018, , 203-288.	0.2	0
79	Insertion and extension theorems for completely distributive lattice valued functions. Annales Societatis Mathematicae Polonae Seria 1, Commentationes Mathematicae, 2013, 53, .	0.4	0
80	Zenbaki errealak eraikitzen. Ekaia (journal), 2016, , 107-125.	0.0	0
81	Fundamentals of Quantales. Developments in Mathematics, 2018, , 45-202.	0.2	0
82	On the categorical behaviour of locales and $\langle i \rangle D$ -localic maps. Quaestiones Mathematicae, 0, , 1-19.	0.2	0