Nicolas Madrid

List of Publications by Year
in descending order

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46	270	1163117	1058476
papers	citations	8	14
		h-index	g-index

48	48	48	97
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kitainik axioms do not characterize the class of inclusion measures based on contrapositive fuzzy implications. Fuzzy Sets and Systems, 2022, , .	2.7	1
2	Multi-adjoint lattices from adjoint triples with involutive negation. Fuzzy Sets and Systems, 2021, 405, 88-105.	2.7	4
3	Non-linear scale-space based on fuzzy contrast enhancement: Theoretical results. Fuzzy Sets and Systems, 2021, 421, 133-157.	2.7	3
4	Measures of inclusion and entropy based on the Ït-index of inclusion. Fuzzy Sets and Systems, 2021, 423, 29-54.	2.7	1
5	Functional degrees of inclusion and similarity between L-fuzzy sets. Fuzzy Sets and Systems, 2020, 390, 1-22.	2.7	8
6	Toward the use of quantile fuzzy transforms for the construction of fuzzy association rules. , 2020, , .		0
7	F-Transforms for the Definition ofÂContextual Fuzzy Partitions. Studies in Computational Intelligence, 2020, , 167-173.	0.9	0
8	Representative Set of Objects in Rough Sets Based on Galois Connections. Lecture Notes in Computer Science, 2020, , 349-361.	1.3	0
9	On Contradiction and Inclusion Using Functional Degrees. International Journal of Computational Intelligence Systems, 2020, 13, 464.	2.7	1
10	Sensitivity analysis for image represented by fuzzy function. Soft Computing, 2019, 23, 1795-1807.	3.6	5
11	A Top-K Retrieval algorithm based on a decomposition of ranking functions. Information Sciences, 2019, 474, 136-153.	6.9	2
12	L-fuzzy relational mathematical morphology based on adjoint triples. Information Sciences, 2019, 474, 75-89.	6.9	20
13	How to Describe Measurement Uncertainty and Uncertainty of Expert Estimates?. Studies in Fuzziness and Soft Computing, 2018, , 247-257.	0.8	1
14	An extension of F-transforms to more general data: potential applications. Soft Computing, 2017, 21, 3551-3565.	3.6	4
15	Non-linear scale-space based on fuzzy sharpening. , 2017, , .		2
16	Modelling fuzzy partitions with fuzzy answer sets. , 2017, , .		0
17	A sufficient condition to guarantee the existence of fuzzy stable models on residuated logic programming with constrains. , 2017, , .		0
18	A View of f-indexes of Inclusion Under Different Axiomatic Definitions of Fuzzy Inclusion. Lecture Notes in Computer Science, 2017, , 307-318.	1.3	2

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19	RESIDUATED F-TRANSFORMS EXTENSIONS FOR DATA ANALYSIS. , 2016, , .		0
20	Enhancement of night movies using fuzzy representation of images. , 2016, , .		4
21	Lane departure warning for mobile devices based on a fuzzy representation of images. Fuzzy Sets and Systems, 2016, 291, 144-159.	2.7	21
22	Bilinear Interpolation over fuzzified images: Enlargement. , 2015, , .		10
23	Verification of Top-K Algorithm for a Family of Non-monotonic Ranking Functions. , 2015, , .		1
24	The Notion of Weak-Contradiction: Definition and Measures. IEEE Transactions on Fuzzy Systems, 2015, 23, 1057-1069.	9.8	15
25	Upper bounding overlaps by groupings. Fuzzy Sets and Systems, 2015, 264, 76-99.	2.7	7
26	New links between mathematical morphology and fuzzy property-oriented concept lattices. , 2014, , .		1
27	OPENING AND CLOSING FROM IDEMPOTENT DILATIONS. , 2014, , .		0
28	On the measure of incoherent information in extended multi-adjoint logic programs. , 2013, , .		4
29	Generalized antisymmetric filters for edge detection. , 2013, , .		3
30	A measure of contradiction based on the notion of N-weak-contradiction. , 2013, , .		4
31	On Top-k Retrieval for a Family of Non-monotonic Ranking Functions. Lecture Notes in Computer Science, 2013, , 507-518.	1.3	4
32	Convex combination of grouping functions for image thresholding. Selection of weighting vectors. , 2013, , .		0
33	On the existence and unicity of stable models in normal residuated logic programs. International Journal of Computer Mathematics, 2012, 89, 310-324.	1.8	20
34	On least coherence-preserving negations. , 2012, , .		3
35	A top-k query answering procedure for fuzzy logic programming. Fuzzy Sets and Systems, 2012, 205, 1-29.	2.7	18
36	On the use of fuzzy stable models for inconsistent classical logic programs. , 2011, , .		1

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37	Measuring Inconsistency in Fuzzy Answer Set Semantics. IEEE Transactions on Fuzzy Systems, 2011, 19, 605-622.	9.8	35
38	On the Notions of Residuated-Based Coherence and Bilattice-Based Consistence. Lecture Notes in Computer Science, 2011, , 115-122.	1.3	4
39	Measuring instability in normal residuated logic programs: Adding information. , 2010, , .		6
40	Measuring Instability in Normal Residuated Logic Programs: Discarding Information. Communications in Computer and Information Science, 2010, , 128-137.	0.5	7
41	On the measure of incoherence in extended residuated logic programs. , 2009, , .		8
42	On Coherence and Consistence in Fuzzy Answer Set Semantics for Residuated Logic Programs. Lecture Notes in Computer Science, 2009, , 60-67.	1.3	14
43	Towards a Fuzzy Answer Set Semantics for Residuated Logic Programs. , 2008, , .		18
44	A measure of consistency for fuzzy logic theories. Mathematical Methods in the Applied Sciences, 0, , .	2.3	3
45	Æ'-inclusion indexes between fuzzy sets. , 0, , .		4
46	FOSTERING THE COOPERATIVE LEARNING OF MATHEMATICS IN ENGINEERING SCHOOLS. , 0, , .		1