

Nicolas Madrid

List of Publications by Year in descending order

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46
papers

270
citations

1163117

8
h-index

1058476

14
g-index

48
all docs

48
docs citations

48
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring Inconsistency in Fuzzy Answer Set Semantics. IEEE Transactions on Fuzzy Systems, 2011, 19, 605-622.	9.8	35
2	Lane departure warning for mobile devices based on a fuzzy representation of images. Fuzzy Sets and Systems, 2016, 291, 144-159.	2.7	21
3	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
4	L-fuzzy relational mathematical morphology based on adjoint triples. Information Sciences, 2019, 474, 75-89.	6.9	20
5	Towards a Fuzzy Answer Set Semantics for Residuated Logic Programs. , 2008, , .		18
6	A top-k query answering procedure for fuzzy logic programming. Fuzzy Sets and Systems, 2012, 205, 1-29.	2.7	18
7	The Notion of Weak-Contradiction: Definition and Measures. IEEE Transactions on Fuzzy Systems, 2015, 23, 1057-1069.	9.8	15
8	On Coherence and Consistence in Fuzzy Answer Set Semantics for Residuated Logic Programs. Lecture Notes in Computer Science, 2009, , 60-67.	1.3	14
9	Bilinear Interpolation over fuzzified images: Enlargement. , 2015, , .		10
10	On the measure of incoherence in extended residuated logic programs. , 2009, , .		8
11	Functional degrees of inclusion and similarity between L-fuzzy sets. Fuzzy Sets and Systems, 2020, 390, 1-22.	2.7	8
12	Upper bounding overlaps by groupings. Fuzzy Sets and Systems, 2015, 264, 76-99.	2.7	7
13	Measuring Instability in Normal Residuated Logic Programs: Discarding Information. Communications in Computer and Information Science, 2010, , 128-137.	0.5	7
14	Measuring instability in normal residuated logic programs: Adding information. , 2010, , .		6
15	Sensitivity analysis for image represented by fuzzy function. Soft Computing, 2019, 23, 1795-1807.	3.6	5
16	On the measure of incoherent information in extended multi-adjoint logic programs. , 2013, , .		4
17	A measure of contradiction based on the notion of N-weak-contradiction. , 2013, , .		4
18	Enhancement of night movies using fuzzy representation of images. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	An extension of F-transforms to more general data: potential applications. <i>Soft Computing</i> , 2017, 21, 3551-3565.	3.6	4
20	Multi-adjoint lattices from adjoint triples with involutive negation. <i>Fuzzy Sets and Systems</i> , 2021, 405, 88-105.	2.7	4
21	On the Notions of Residuated-Based Coherence and Bilattice-Based Consistence. <i>Lecture Notes in Computer Science</i> , 2011, , 115-122.	1.3	4
22	On Top-k Retrieval for a Family of Non-monotonic Ranking Functions. <i>Lecture Notes in Computer Science</i> , 2013, , 507-518.	1.3	4
23	\mathcal{A}^2 -inclusion indexes between fuzzy sets. , 0, , .		4
24	On least coherence-preserving negations. , 2012, , .		3
25	Generalized antisymmetric filters for edge detection. , 2013, , .		3
26	A measure of consistency for fuzzy logic theories. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	3
27	Non-linear scale-space based on fuzzy contrast enhancement: Theoretical results. <i>Fuzzy Sets and Systems</i> , 2021, 421, 133-157.	2.7	3
28	Non-linear scale-space based on fuzzy sharpening. , 2017, , .		2
29	A Top-K Retrieval algorithm based on a decomposition of ranking functions. <i>Information Sciences</i> , 2019, 474, 136-153.	6.9	2
30	A View of f-indexes of Inclusion Under Different Axiomatic Definitions of Fuzzy Inclusion. <i>Lecture Notes in Computer Science</i> , 2017, , 307-318.	1.3	2
31	On the use of fuzzy stable models for inconsistent classical logic programs. , 2011, , .		1
32	New links between mathematical morphology and fuzzy property-oriented concept lattices. , 2014, , .		1
33	Verification of Top-K Algorithm for a Family of Non-monotonic Ranking Functions. , 2015, , .		1
34	Measures of inclusion and entropy based on the \mathcal{I}_f -index of inclusion. <i>Fuzzy Sets and Systems</i> , 2021, 423, 29-54.	2.7	1
35	How to Describe Measurement Uncertainty and Uncertainty of Expert Estimates?. <i>Studies in Fuzziness and Soft Computing</i> , 2018, , 247-257.	0.8	1
36	FOSTERING THE COOPERATIVE LEARNING OF MATHEMATICS IN ENGINEERING SCHOOLS. , 0, , .		1

#	ARTICLE	IF	CITATIONS
37	On Contradiction and Inclusion Using Functional Degrees. International Journal of Computational Intelligence Systems, 2020, 13, 464.	2.7	1
38	Kitainik axioms do not characterize the class of inclusion measures based on contrapositive fuzzy implications. Fuzzy Sets and Systems, 2022, , .	2.7	1
39	RESIDUATED F -TRANSFORMS EXTENSIONS FOR DATA ANALYSIS. , 2016, , .		0
40	Modelling fuzzy partitions with fuzzy answer sets. , 2017, , .		0
41	A sufficient condition to guarantee the existence of fuzzy stable models on residuated logic programming with constrains. , 2017, , .		0
42	Toward the use of quantile fuzzy transforms for the construction of fuzzy association rules. , 2020, , .		0
43	Convex combination of grouping functions for image thresholding. Selection of weighting vectors. , 2013, , .		0
44	OPENING AND CLOSING FROM IDEMPOTENT DILATIONS. , 2014, , .		0
45	F-Transforms for the Definition of Contextual Fuzzy Partitions. Studies in Computational Intelligence, 2020, , 167-173.	0.9	0
46	Representative Set of Objects in Rough Sets Based on Galois Connections. Lecture Notes in Computer Science, 2020, , 349-361.	1.3	0