Etienne Kerre

List of Publications by Year
in descending order

		566801	713013
28 papers	921 citations	15 h-index	21 g-index
30 all docs	30 docs citations	30 times ranked	504 citing authors

#	Article	IF	Citations
1	Fuzzy Interval Analysis. The Handbooks of Fuzzy Sets Series, 2000, , 483-581.	0.5	180
2	THE FUNDAMENTALS OF FUZZY MATHEMATICAL MORPHOLOGY PART 1: BASIC CONCEPTS. International Journal of General Systems, 1995, 23, 155-171.	1.2	108
3	Sinha–Dougherty approach to the fuzzification of set inclusion revisited. Fuzzy Sets and Systems, 2003, 134, 283-295.	1.6	82
4	Fuzzy preference structures without incomparability. Fuzzy Sets and Systems, 1995, 76, 333-348.	1.6	71
5	On (un)suitable fuzzy relations to model approximate equality. Fuzzy Sets and Systems, 2003, 133, 137-153.	1.6	57
6	THE FUNDAMENTALS OF FUZZY MATHEMATICAL MORPHOLOGY PART 2: IDEMPOTENCE, CONVEXITY AND DECOMPOSITION. International Journal of General Systems, 1995, 23, 307-322.	1.2	53
7	A plea for the use of Åukasiewicz triplets in the definition of fuzzy preference structures. (I). General argumentation. Fuzzy Sets and Systems, 1998, 97, 349-359.	1.6	52
8	Interval-Valued and Intuitionistic Fuzzy Mathematical Morphologies as Special Cases of $\mathbb{L}$-Fuzzy Mathematical Morphology. Journal of Mathematical Imaging and Vision, 2012, 43, 50-71.	0.8	46
9	Combined Wavelet-Domain and Motion-Compensated Video Denoising Based on Video Codec Motion Estimation Methods. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 417-421.	5.6	42
10	Inclusion Measures in Intuitionistic Fuzzy Set Theory. Lecture Notes in Computer Science, 2003, , 345-356.	1.0	37
11	A fuzzy inclusion based approach to upper inverse images under fuzzy multivalued mappings. Fuzzy Sets and Systems, 1997, 85, 93-108.	1.6	32
12	A plea for the use of Åukasiewicz triplets in the definition of fuzzy preference structures. (II). The identity case. Fuzzy Sets and Systems, 1998, 99, 303-310.	1.6	30
13	On the Classification and the Dependencies of the Ordering Methods. International Series in Intelligent Technologies, 1996, , 73-90.	0.1	28
14	Using Similarity Measures for Histogram Comparison. Lecture Notes in Computer Science, 2003, , 396-403.	1.0	21
15	Combining neighbourhood-based and histogram similarity measures for the design of image quality measures. Image and Vision Computing, 2007, 25, 184-195.	2.7	20
16	Why fuzzy -equivalence relations do not resolve the Poincaré paradox, and related issues. Fuzzy Sets and Systems, 2003, 133, 181-192.	1.6	17
17	Continuity of fuzzy multivalued mappings. Fuzzy Sets and Systems, 1998, 94, 335-348.	1.6	14
18	GÃ–DEL REPRESENTABLE FUZZY WEAK ORDERS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 1999, 07, 135-153.	0.9	11

#	Article	IF	Citations
19	Basic properties of the interval-valued fuzzy morphological operators. , 2010, , .		7
20	A fuzzy set theoretic approach to validate simulation models. ACM Transactions on Modeling and Computer Simulation, 2006, 16, 375-398.	0.6	4
21	Fuzzy Similarity Measures for Colour Images. , 2006, , .		3
22	A fuzzy filter for the removal of random impulse noise in colour video. , 2010, , .		1
23	An Overview of the Fuzzy Axiomatic Systems and Characterizations Proposed at Ghent University. Axioms, 2016, 5, 17.	0.9	1
24	On Fuzziness in Algebraic System of Aggregates. New Mathematics and Natural Computation, 2021, 17, 145-152.	0.4	1
25	Composition, cartesian and direct products of fuzzy multivalued mappings. Fuzzy Sets and Systems, 1998, 99, 325-346.	1.6	0
26	On the structure of the classes of stable and pure fuzzy sets. Fuzzy Sets and Systems, 1998, 98, 225-240.	1.6	0
27	On the chaining Syllogism in fuzzy logic. , 2008, , .		0
28	Applying a parametric approach for the task of nonstationary noise removal with missing information. , 2013, , .		0