Gustavo Javier Meschino

List of Publications by Year
in descending order

29 papers	787 citations	1040056 9 h-index	752698 20 g-index
31 all docs	31 docs citations	31 times ranked	291 citing authors

#	Article	IF	Citations
1	Model based on fuzzy predicates for assessment of groundwater pollution vulnerability. Tecnologia Y Ciencias Del Agua, 2020, 11, 92-129.	0.3	4
2	Mammographic Density Estimation Through Permutation Entropy. IFMBE Proceedings, 2019, , 135-141.	0.3	2
3	Improved Particle Swarm Optimization algorithm applied to rigid registration in medical images. IFMBE Proceedings, 2017, , 161-164.	0.3	3
4	Interpretable interval type-2 fuzzy predicates for data clustering: A new automatic generation method based on self-organizing maps. Knowledge-Based Systems, 2017, 133, 234-254.	7.1	18
5	Discovering knowledge from data clustering using automatically-defined interval type-2 fuzzy predicates. Expert Systems With Applications, 2017, 68, 136-150.	7.6	10
6	Tissue discrimination in magnetic resonance imaging of the rotator cuff. Journal of Physics: Conference Series, 2016, 705, 012022.	0.4	0
7	Dynamic speckle image segmentation using self-organizing maps. Journal of Optics (United Kingdom), 2016, 18, 085606.	2.2	15
8	Spectral Fizeau Interferometer spectra processing by means of a fuzzy inference system. , 2015, , .		2
9	Classification of Cattle Coat Color Based on Genotype Using Pattern Recognition Methods. IFMBE Proceedings, 2015, , 671-674.	0.3	0
10	Automatic design of interpretable fuzzy predicate systems for clustering using self-organizing maps. Neurocomputing, 2015, 147, 47-59.	5.9	14
11	Reconfiguration of electrical networks by an Ant Colony Optimization algorithm. IEEE Latin America Transactions, 2013, 11, 538-544.	1.6	16
12	Probability mapping images in dynamic speckle classification. Applied Optics, 2013, 52, 726.	1.8	12
13	Solving the over segmentation problem in applications of Watershed Transform. Journal of Biomedical Graphics and Computing, 2013, 3, .	0.2	5
14	An artificial neural network model for prediction of quality characteristics of apples during convective dehydration. Food Science and Technology, 2013, 33, 411-416.	1.7	26
15	Improvements in the Visualization of Segmented Areas of Patterns of Dynamic Laser Speckle. Advances in Intelligent Systems and Computing, 2013, , 163-171.	0.6	2
16	Linguistic Interpretation of Mathematical Morphology. , 2013, , .		3
17	Automatic Design of Binary W-Operators Using Artificial Feed-Forward Neural Networks Based on the Weighted Mean Square Error Cost Function. Lecture Notes in Computer Science, 2012, , 495-502.	1.3	1
18	Evaluation of arterial propagation velocity based on the automated analysis of the Pulse Wave Shape. Journal of Physics: Conference Series, 2011, 332, 012014.	0.4	0

#	Article	IF	Citations
19	A survey of medical images and signal processing problems solved successfully by the application of Type-2 Fuzzy Logic. Journal of Physics: Conference Series, 2011, 332, 012030.	0.4	5
20	Revisiting clustering methods to their application on keystroke dynamics for intruder classification. , 2010, , .		6
21	Dynamic laser speckle: decision models with computational intelligence techniques. , 2010, , .		5
22	Biospeckle image stack process based on artificial neural networks. , 2010, 2010, 4056-9.		5
23	OptimizaciÃ³n de Redes ElÃ©ctricas Mediante la AplicaciÃ³n de Algoritmos GenÃ©ticos. Informacion Tecnologica (discontinued), 2009, 20, .	0.3	9
24	A framework for tissue discrimination in Magnetic Resonance brain images based on predicates analysis and Compensatory Fuzzy Logic. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2008, 2, 207-222.	0.5	9
25	Automatic fuzzy inference system development for marker-based watershed segmentation. Journal of Physics: Conference Series, 2007, 90, 012059.	0.4	1
26	Optimization of arterial age prediction models based in pulse wave. Journal of Physics: Conference Series, 2007, 90, 012080.	0.4	1
27	Effects on MR images compression in tissue classification quality. Journal of Physics: Conference Series, 2007, 90, 012061.	0.4	1
28	Monitoring dead space during recruitment and PEEP titration in an experimental model. Intensive Care Medicine, 2006, 32, 1863-1871.	8.2	611
29	Semiautomated image segmentation of bone marrow biopsies by texture features and mathematical morphology. , 2004, 26, 31-8.		1