

# Gustavo Javier Meschino

## List of Publications by Year in descending order

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29  
papers

787  
citations

1039406

9  
h-index

752256

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring dead space during recruitment and PEEP titration in an experimental model. Intensive Care Medicine, 2006, 32, 1863-1871.	3.9	611
2	An artificial neural network model for prediction of quality characteristics of apples during convective dehydration. Food Science and Technology, 2013, 33, 411-416.	0.8	26
3	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.	4.0	18
4	Reconfiguration of electrical networks by an Ant Colony Optimization algorithm. IEEE Latin America Transactions, 2013, 11, 538-544.	1.2	16
5	Dynamic speckle image segmentation using self-organizing maps. Journal of Optics (United Kingdom), 2016, 18, 085606.	1.0	15
6	Automatic design of interpretable fuzzy predicate systems for clustering using self-organizing maps. Neurocomputing, 2015, 147, 47-59.	3.5	14
7	Probability mapping images in dynamic speckle classification. Applied Optics, 2013, 52, 726.	0.9	12
8	Discovering knowledge from data clustering using automatically-defined interval type-2 fuzzy predicates. Expert Systems With Applications, 2017, 68, 136-150.	4.4	10
9	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
10	Optimizaci3n de Redes El3ctricas Mediante la Aplicaci3n de Algoritmos Gen3ticos. Informacion Tecnologica (discontinued), 2009, 20, .	0.1	9
11	Revisiting clustering methods to their application on keystroke dynamics for intruder classification. , 2010, , .		6
12	Dynamic laser speckle: decision models with computational intelligence techniques. , 2010, , .		5
13	Biospeckle image stack process based on artificial neural networks. , 2010, 2010, 4056-9.		5
14	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.	0.3	5
15	Solving the over segmentation problem in applications of Watershed Transform. Journal of Biomedical Graphics and Computing, 2013, 3, .	0.2	5
16	Model based on fuzzy predicates for assessment of groundwater pollution vulnerability. Tecnologia Y Ciencias Del Agua, 2020, 11, 92-129.	0.1	4
17	Improved Particle Swarm Optimization algorithm applied to rigid registration in medical images. IFMBE Proceedings, 2017, , 161-164.	0.2	3
18	Linguistic Interpretation of Mathematical Morphology. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Spectral Fizeau Interferometer spectra processing by means of a fuzzy inference system. , 2015, , .		2
20	Mammographic Density Estimation Through Permutation Entropy. IFMBE Proceedings, 2019, , 135-141.	0.2	2
21	Improvements in the Visualization of Segmented Areas of Patterns of Dynamic Laser Speckle. Advances in Intelligent Systems and Computing, 2013, , 163-171.	0.5	2
22	Automatic fuzzy inference system development for marker-based watershed segmentation. Journal of Physics: Conference Series, 2007, 90, 012059.	0.3	1
23	Optimization of arterial age prediction models based in pulse wave. Journal of Physics: Conference Series, 2007, 90, 012080.	0.3	1
24	Effects on MR images compression in tissue classification quality. Journal of Physics: Conference Series, 2007, 90, 012061.	0.3	1
25	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.	1.0	1
26	Semiautomated image segmentation of bone marrow biopsies by texture features and mathematical morphology. , 2004, 26, 31-8.		1
27	Evaluation of arterial propagation velocity based on the automated analysis of the Pulse Wave Shape. Journal of Physics: Conference Series, 2011, 332, 012014.	0.3	0
28	Classification of Cattle Coat Color Based on Genotype Using Pattern Recognition Methods. IFMBE Proceedings, 2015, , 671-674.	0.2	0
29	Tissue discrimination in magnetic resonance imaging of the rotator cuff. Journal of Physics: Conference Series, 2016, 705, 012022.	0.3	0