

# Agustina Bouchet

## List of Publications by Year in descending order

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23  
papers

120  
citations

1684188

5  
h-index

1281871

11  
g-index

24  
all docs

24  
docs citations

24  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	ARITHMETIC MEAN BASED COMPENSATORY FUZZY LOGIC. International Journal of Computational Intelligence and Applications, 2011, 10, 231-243.	0.8	24
2	Fuzzy mathematical morphology for color images defined by fuzzy preference relations. Pattern Recognition, 2016, 60, 720-733.	8.1	21
3	Intuitionistic fuzzy set and fuzzy mathematical morphology applied to color leukocytes segmentation. Signal, Image and Video Processing, 2020, 14, 557-564.	2.7	21
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	Characterization of bio-dynamic speckles through classical and fuzzy mathematical morphology tools. Signal Processing, 2013, 93, 1864-1870.	3.7	6
6	Gray Scale Edge Detection using Interval-Valued Fuzzy Relations. International Journal of Computational Intelligence Systems, 2015, 8, 16.	2.7	5
7	Compensatory fuzzy mathematical morphology. Signal, Image and Video Processing, 2017, 11, 1065-1072.	2.7	5
8	Segmentation of Bone Marrow Biopsies by Mathematical Morphology in Color Spaces. IEEE Latin America Transactions, 2013, 11, 329-333.	1.6	3
9	Dynamic laser speckle and fuzzy mathematical morphology applied to studies of chemotaxis towards hydrocarbons. International Journal of Environment and Health, 2014, 7, 58.	0.3	3
10	Linguistic Interpretation of Mathematical Morphology. , 2013, , .		3
11	Barrett esophagus: guided biopsies taken through digital image processing. Journal of Physics: Conference Series, 2007, 90, 012066.	0.4	2
12	Fuzzy Mathematical Morphology Toolbox and Graphical Interface. IEEE Latin America Transactions, 2013, 11, 1090-1096.	1.6	2
13	New Windows based Color Morphological Operators for Biomedical Image Processing. Journal of Physics: Conference Series, 2016, 705, 012023.	0.4	2
14	Segmentation of exudates in fundus images applying color mathematical morphology. , 2020, , .		2
15	Segmentation and 3D Reconstruction of Microbial Biofilms. IEEE Latin America Transactions, 2013, 11, 324-328.	1.6	1
16	Medical Edge Detection Combining Fuzzy Mathematical Morphology with Interval-Valued Relations. Advances in Intelligent Systems and Computing, 2015, , 229-239.	0.6	1
17	Type-2 Fuzzy Logic in Decision Support Systems. Studies in Computational Intelligence, 2014, , 267-280.	0.9	1
18	Image geodesic reconstruction by connected components. IEEE Latin America Transactions, 2008, 6, 471-476.	1.6	0

#	ARTICLE	IF	CITATIONS
19	Microscope cell color images segmentation by fuzzy morphological reconstruction. Proceedings of SPIE, 2017, , .	0.8	0
20	Social Well-Being Analysis Using Interval-Valued Fuzzy Predicates. Studies in Computational Intelligence, 2021, , 387-403.	0.9	0
21	New Rough Sets by Influence Zones Morphological Concept. Studies in Computational Intelligence, 2014, , 81-96.	0.9	0
22	Diseño automático de W-operadores usando clases de equivalencia color. , 2020, , .		0
23	Diseño automático de W-operadores mediante el uso de funciones de pertenencia para la segmentación de leucocitos. , 2020, , .		0