

# Claudia I Gonzalez

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,262  
citations

706676

14  
h-index

651938

25  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Convolutional Neural Networks Architectures Using PSO for Sign Language Recognition. <i>Axioms</i> , 2021, 10, 139.	0.9	28
2	Optimal Recognition Model Based on Convolutional Neural Networks and Fuzzy Gravitational Search Algorithm Method. <i>Studies in Computational Intelligence</i> , 2020, , 71-81.	0.7	10
3	Filter Size Optimization on a Convolutional Neural Network Using FGSA. <i>Studies in Computational Intelligence</i> , 2020, , 391-403.	0.7	4
4	Interval Type 2 Fuzzy Fireworks Algorithm for Clustering. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2020, , 195-211.	0.4	0
5	Fireworks Algorithm (FWA) with Adaptation of Parameters Using Interval Type-2 Fuzzy Logic System. <i>Studies in Computational Intelligence</i> , 2020, , 35-47.	0.7	2
6	General Type-2 Fuzzy Sugeno Integral for Edge Detection. <i>Journal of Imaging</i> , 2019, 5, 71.	1.7	19
7	An approach for parameterized shadowed type-2 fuzzy membership functions applied in control applications. <i>Soft Computing</i> , 2019, 23, 3887-3901.	2.1	50
8	A New Method for Parameterization of General Type-2 Fuzzy Sets. <i>Fuzzy Information and Engineering</i> , 2018, 10, 31-57.	1.0	18
9	Toward General Type-2 Fuzzy Logic Systems Based on Shadowed Sets. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 131-142.	0.5	3
10	A fuzzy hierarchical operator in the grey wolf optimizer algorithm. <i>Applied Soft Computing Journal</i> , 2017, 57, 315-328.	4.1	173
11	Ant colony optimization with dynamic parameter adaptation based on interval type-2 fuzzy logic systems. <i>Applied Soft Computing Journal</i> , 2017, 53, 74-87.	4.1	145
12	Iterative fireworks algorithm with fuzzy coefficients. , 2017, , .		5
13	Edge Detection Method Based on General Type-2 Fuzzy Logic Applied to Color Images. <i>Information (Switzerland)</i> , 2017, 8, 104.	1.7	28
14	Review of Recent Type-2 Fuzzy Image Processing Applications. <i>Information (Switzerland)</i> , 2017, 8, 97.	1.7	48
15	Fuzzy Fireworks Algorithm Based on a Sparks Dispersion Measure. <i>Algorithms</i> , 2017, 10, 83.	1.2	19
16	An Extension of the Fuzzy Possibilistic Clustering Algorithm Using Type-2 Fuzzy Logic Techniques. <i>Advances in Fuzzy Systems</i> , 2017, 2017, 1-23.	0.6	75
17	General Type-2 Fuzzy Edge Detection in the Preprocessing of a Face Recognition System. <i>Studies in Computational Intelligence</i> , 2017, , 3-18.	0.7	10
18	Edge Detection Methods and Filters Used on Digital Image Processing. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2017, , 11-16.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Generalized Type-2 Fuzzy Edge Detection Applied on a Face Recognition System. SpringerBriefs in Applied Sciences and Technology, 2017, , 37-41.	0.2	2
20	Experimentation and Results Discussion. SpringerBriefs in Applied Sciences and Technology, 2017, , 43-75.	0.2	0
21	Edge Detection Methods Based on Generalized Type-2 Fuzzy Logic Systems. SpringerBriefs in Applied Sciences and Technology, 2017, , 21-35.	0.2	3
22	Review of Recent Type-2 Fuzzy Controller Applications. Algorithms, 2016, 9, 39.	1.2	58
23	General Type-2 fuzzy edge detectors applied to face recognition systems. , 2016, , .		5
24	Fuzzy FWA with dynamic adaptation of parameters. , 2016, , .		15
25	General type-2 fuzzy edge detector applied on face recognition system using neural networks. , 2016, , .		3
26	An improved sobel edge detection method based on generalized type-2 fuzzy logic. Soft Computing, 2016, 20, 773-784.	2.1	158
27	Optimization of interval type-2 fuzzy systems for image edge detection. Applied Soft Computing Journal, 2016, 47, 631-643.	4.1	136
28	Color Image Edge Detection Method Based on Interval Type-2 Fuzzy Systems. Studies in Computational Intelligence, 2015, , 3-11.	0.7	4
29	Edge-Detection Method for Image Processing Based on Generalized Type-2 Fuzzy Logic. IEEE Transactions on Fuzzy Systems, 2014, 22, 1515-1525.	6.5	222
30	A new approach based on generalized type-2 fuzzy logic for edge detection. , 2013, , .		5
31	Optimization of Convolutional Neural Networks Using the Fuzzy Gravitational Search Algorithm. Journal of Automation, Mobile Robotics and Intelligent Systems, 0, , 109-120.	0.4	9