

# JosÃ© Luis VÃ¡zquez Noguera

## List of Publications by Year in descending order

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32  
papers

325  
citations

1170033

9  
h-index

939365

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33  
all docs

33  
docs citations

33  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Median Filter Based on the Entropy of the Color Components of RGB Images. EAI/Springer Innovations in Communication and Computing, 2022, , 107-125.	0.9	0
2	Distribution level electric current consumption and meteorological data set of the east region of Paraguay. Data in Brief, 2022, 40, 107699.	0.5	1
3	Analysis of Electric Energy Consumption Profiles Using a Machine Learning Approach: A Paraguayan Case Study. Electronics (Switzerland), 2022, 11, 267.	1.8	7
4	Automatic Diagnosis of Diabetic Retinopathy from Fundus Images Using Neuro-Evolutionary Algorithms. Studies in Health Technology and Informatics, 2022, , .	0.2	0
5	Analysis of Student Achievement Scores via Cluster Analysis. Advances in Intelligent Systems and Computing, 2021, , 399-408.	0.5	1
6	Retinal Image Enhancement via a Multiscale Morphological Approach with OCCO Filter. Advances in Intelligent Systems and Computing, 2021, , 177-186.	0.5	1
7	Panoramic Dental Radiography Image Enhancement Using Multiscale Mathematical Morphology. Sensors, 2021, 21, 3110.	2.1	20
8	Automatic Diagnosis of Ocular Toxoplasmosis from Fundus Images with Residual Neural Networks. Studies in Health Technology and Informatics, 2021, 281, 173-177.	0.2	5
9	Dataset from fundus images for the study of diabetic retinopathy. Data in Brief, 2021, 36, 107068.	0.5	14
10	Technical analysis strategy optimization using a machine learning approach in stock market indices. Knowledge-Based Systems, 2021, 225, 107119.	4.0	55
11	A Mathematical Model for COVID-19 with Variable Transmissibility and Hospitalizations: A Case Study in Paraguay. Applied Sciences (Switzerland), 2021, 11, 9726.	1.3	2
12	A Trust-Based Methodology to Evaluate Deep Learning Models for Automatic Diagnosis of Ocular Toxoplasmosis from Fundus Images. Diagnostics, 2021, 11, 1951.	1.3	1
13	Dermoscopy Images Enhancement via Multi-Scale Morphological Operations. Applied Sciences (Switzerland), 2021, 11, 9302.	1.3	2
14	Redundancy Is Not Necessarily Detrimental in Classification Problems. Mathematics, 2021, 9, 2899.	1.1	0
15	Adjacent Inputs With Different Labels and Hardness in Supervised Learning. IEEE Access, 2021, 9, 162487-162498.	2.6	1
16	Microscopy Mineral Image Enhancement Using Multiscale Top-Hat Transform. , 2021, , .		0
17	Medical Image Enhancement With Brightness and Detail Preserving Using Multiscale Top-hat Transform by Reconstruction. Electronic Notes in Theoretical Computer Science, 2020, 349, 69-80.	0.9	13
18	Multi-Objective Pareto Histogram Equalization. Electronic Notes in Theoretical Computer Science, 2020, 349, 3-23.	0.9	2

#	ARTICLE	IF	CITATIONS
19	A New Objective Function for the Recovery of Gielis Curves. <i>Symmetry</i> , 2020, 12, 1016.	1.1	0
20	A multi-objective approach for designing optimized operation sequence on binary image processing. <i>Heliyon</i> , 2020, 6, e03670.	1.4	5
21	Adaptive RGB Color Lexicographical Ordering Framework Using Statistical Parameters From the Color Component Histogram. <i>IEEE Access</i> , 2019, 7, 141738-141753.	2.6	2
22	Quadri-histogram equalization using cutoff limits based on the size of each histogram with preservation of average brightness. <i>Signal, Image and Video Processing</i> , 2019, 13, 843-851.	1.7	16
23	A Comparative Study of Time Series Forecasting Methods for Short Term Electric Energy Consumption Prediction in Smart Buildings. <i>Energies</i> , 2019, 12, 1934.	1.6	65
24	Color Image Enhancement Using a Multiscale Morphological Approach. <i>Communications in Computer and Information Science</i> , 2019, , 109-123.	0.4	4
25	Quadri-Histogram Equalization for infrared images using cut-off limits based on the size of each histogram. <i>Infrared Physics and Technology</i> , 2019, 99, 257-264.	1.3	9
26	Entropy and Contrast Enhancement of Infrared Thermal Images Using the Multiscale Top-Hat Transform. <i>Entropy</i> , 2019, 21, 244.	1.1	51
27	Computational Inference of Gene Co-Expression Networks for the identification of Lung Carcinoma Biomarkers: An Ensemble Approach. <i>Genes</i> , 2019, 10, 962.	1.0	4
28	RGB Inter-Channel Measures for Morphological Color Texture Characterization. <i>Symmetry</i> , 2019, 11, 1190.	1.1	4
29	Bi-histogram equalization using two plateau limits. <i>Signal, Image and Video Processing</i> , 2017, 11, 857-864.	1.7	25
30	Image color contrast enhancement using multiscale morphology. <i>Journal of Computational Interdisciplinary Sciences</i> , 2017, 8, .	0.3	5
31	Color ordering strategy based on Loewner order applied to the mathematical morphology. , 2016, , .		2
32	A color morphological ordering method based on additive and subtractive spaces. , 2014, , .		7