

# Pedro Henrique Bugatti

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

353  
citations

933447

10  
h-index

996975

15  
g-index

44  
all docs

44  
docs citations

44  
times ranked

408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pattern recognition analysis on long noncoding RNAs: a tool for prediction in plants. Briefings in Bioinformatics, 2019, 20, 682-689.	6.5	53
2	Supporting content-based image retrieval and computer-aided diagnosis systems with association rule-based techniques. Data and Knowledge Engineering, 2009, 68, 1370-1382.	3.4	33
3	Breast cancer diagnosis through active learning in content-based image retrieval. Neurocomputing, 2019, 357, 1-10.	5.9	22
4	TERL: classification of transposable elements by convolutional neural networks. Briefings in Bioinformatics, 2021, 22, .	6.5	22
5	Assessing the best integration between distance-function and image-feature to answer similarity queries. , 2008, , .		19
6	Active semi-supervised learning for biological data classification. PLoS ONE, 2020, 15, e0237428.	2.5	18
7	Classification of texture based on Bag-of-Visual-Words through complex networks. Expert Systems With Applications, 2019, 133, 215-224.	7.6	16
8	Exploring Active Learning Based on Representativeness and Uncertainty for Biomedical Data Classification. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2238-2244.	6.3	14
9	PRoSPer: Perceptual similarity queries in medical CBIR systems through user profiles. Computers in Biology and Medicine, 2014, 45, 8-19.	7.0	13
10	Content-Based Retrieval of Medical Images by Continuous Feature Selection. , 2008, , .		12
11	A Complex Network-Based Approach to the Analysis and Classification of Images. Lecture Notes in Computer Science, 2015, , 322-330.	1.3	12
12	Contributing to agriculture by using soybean seed data from the tetrazolium test. Data in Brief, 2019, 23, 103652.	1.0	12
13	MedFMI-SiR: A Powerful DBMS Solution for Large-Scale Medical Image Retrieval. Lecture Notes in Computer Science, 2011, , 16-30.	1.3	12
14	Content-based retrieval of medical images: From context to perception. , 2009, , .		11
15	Does a CBIR system really impact decisions of physicians in a clinical environment?. , 2013, , .		10
16	DOCToR: The Role of Deep Features in Content-Based Mammographic Image Retrieval. , 2018, , .		7
17	Assessing Active Learning Strategies to Improve the Quality Control of the Soybean Seed Vigor. IEEE Transactions on Industrial Electronics, 2021, 68, 1675-1683.	7.9	6
18	Improving content-based retrieval of medical images through dynamic distance on relevance feedback. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
19	Feature Selection Guided by Perception in Medical CBIR Systems. , 2011, , .		5
20	Combining Texture and Shape Descriptors for Bioimages Classification: A Case of Study in ImageCLEF Dataset. Lecture Notes in Computer Science, 2013, , 431-438.	1.3	5
21	An image analysis framework for effective classification of seed damages. , 2016, , .		5
22	DeepMammo: Deep Transfer Learning for Lesion Classification of Mammographic Images. , 2019, , .		4
23	Feature Extraction and Selection for Decision Making. Biological and Medical Physics Series, 2010, , 197-223.	0.4	4
24	A new method to efficiently reduce histogram dimensionality. , 2008, , .		3
25	Content-based image retrieval towards the automatic characterization of soybean seed vigor. , 2014, , .		3
26	Integrating user profile in medical CBIR systems to answer perceptual similarity queries. Proceedings of SPIE, 2011, , .	0.8	2
27	Exploiting Evolutionary Approaches for Content-Based Medical Image Retrieval. , 2015, , .		2
28	Going Deeper on Biolmages Classification: A Plant Leaf Dataset Case Study. Lecture Notes in Computer Science, 2018, , 36-44.	1.3	2
29	Automatic Visual Quality Assessment of Biscuits Using Machine Learning. Lecture Notes in Computer Science, 2020, , 59-70.	1.3	2
30	Improving CBIR using feature extraction based on wavelet transform. , 2008, , .		1
31	Towards an Effective and Efficient Learning for Biomedical Data Classification. , 2017, , .		1
32	Towards Practical Computer Vision in Teaching and Learning of Image Processing Theories. , 2019, , .		1
33	Video Action Classification through Graph Convolutional Networks. , 2021, , .		1
34	Computational Analysis of and CircRNAs in. Methods in Molecular Biology, 2021, 2362, 147-172.	0.9	1
35	Contextual Image Classification Through Fine-Tuned Graph Neural Networks. Lecture Notes in Computer Science, 2021, , 15-24.	1.3	1
36	A Differential Method for Representing Spinal MRI for Perceptual-CBIR. Lecture Notes in Computer Science, 2013, , 464-471.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Method for selecting representative videos for change detection datasets. Multimedia Tools and Applications, 2022, 81, 3773-3791.	3.9	1
38	Pedestrian traffic lights and crosswalk identification. Multimedia Tools and Applications, 2022, 81, 16497-16513.	3.9	1
39	An Intelligent System to Enhance the Productivity and Sustainability in Soybean Crop Enterprises. , 2019, , .		0
40	A Novel Framework for Content-Based Image Retrieval Through Relevance Feedback Optimization. Lecture Notes in Computer Science, 2015, , 281-289.	1.3	0
41	DeepCloud: An Investigation of Geostationary Satellite Imagery Frame Interpolation for Improved Temporal Resolution. Lecture Notes in Computer Science, 2020, , 50-59.	1.3	0