Juan RamÃ³n Rico-Juan

List of Publications by Year
in descending order

34 papers	523 citations	687363 13 h-index	677142 22 g-index
37 all docs	37 docs citations	37 times ranked	397 citing authors

#	Article	IF	Citations
1	Efficient k-nearest neighbor search based on clustering and adaptive k values. Pattern Recognition, 2022, 122, 108356.	8.1	29
2	Predicting exclusive breastfeeding in maternity wards using machine learning techniques. Computer Methods and Programs in Biomedicine, 2022, 221, 106837.	4.7	6
3	Machine learning with explainability or spatial hedonics tools? An analysis of the asking prices in the housing market in Alicante, Spain. Expert Systems With Applications, 2021, 171, 114590.	7.6	42
4	A multimodal approach for regional GDP prediction using social media activity and historical information. Applied Soft Computing Journal, 2021, 111, 107693.	7.2	8
5	Does the global activity limitation indicator measure participation restriction? Data from the European Health and Social Integration Survey in Spain. Quality of Life Research, 2021, , 1.	3.1	0
6	Ensemble classification from deep predictions with test data augmentation. Soft Computing, 2020, 24, 1423-1433.	3.6	8
7	Bounding Edit Distance for similarity-based sequence classification on Structural Pattern Recognition. Applied Soft Computing Journal, 2020, 97, 106778.	7.2	3
8	Insights Into Efficient k-Nearest Neighbor Classification With Convolutional Neural Codes. IEEE Access, 2020, 8, 99312-99326.	4.2	15
9	Extensions to rank-based prototype selection in k-Nearest Neighbour classification. Applied Soft Computing Journal, 2019, 85, 105803.	7.2	21
10	Automatic detection of inconsistencies between numerical scores and textual feedback in peer-assessment processes with machine learning. Computers and Education, 2019, 140, 103609.	8.3	26
11	Oversampling imbalanced data in the string space. Pattern Recognition Letters, 2018, 103, 32-38.	4.2	41
12	Clustering-based k-nearest neighbor classification for large-scale data with neural codes representation. Pattern Recognition, 2018, 74, 531-543.	8.1	82
13	Statistical semi-supervised system for grading multiple peer-reviewed open-ended works. Computers and Education, 2018, 126, 264-282.	8.3	15
14	Selecting promising classes from generated data for an efficient multi-class nearest neighbor classification. Soft Computing, 2017, 21, 6183-6189.	3.6	3
15	An experimental study on rank methods for prototype selection. Soft Computing, 2017, 21, 5703-5715.	3.6	7
16	Prototype generation on structural data using dissimilarity space representation. Neural Computing and Applications, 2017, 28, 2415-2424.	5.6	16
17	On the suitability of Prototype Selection methods for kNN classification with distributed data. Neurocomputing, 2016, 203, 150-160.	5.9	14
18	Improving kNN multi-label classification in Prototype Selection scenarios using class proposals. Pattern Recognition, 2015, 48, 1608-1622.	8.1	60

#	Article	IF	Citations
19	Improving classification using a Confidence Matrix based on weak classifiers applied to OCR. Neurocomputing, 2015, 151, 1354-1361.	5.9	1
20	Adaptive training set reduction for nearest neighbor classification. Neurocomputing, 2014, 138, 316-324.	5.9	7
21	A new iterative algorithm for computing a quality approximate median of strings based on edit operations. Pattern Recognition Letters, 2014, 36, 74-80.	4.2	17
22	An improved fast edit approach for two-string approximated mean computation applied to OCR. Pattern Recognition Letters, 2013, 34, 496-504.	4.2	4
23	Confidence voting method ensemble applied to off-line signature verification. Pattern Analysis and Applications, 2012, 15, 113-120.	4.6	8
24	New rank methods for reducing the size of the training set using the nearest neighbor rule. Pattern Recognition Letters, 2012, 33, 654-660.	4.2	27
25	Characterization of contour regularities based on the Levenshtein edit distance. Pattern Recognition Letters, 2011, 32, 1421-1427.	4.2	2
26	A New Editing Scheme Based on a Fast Two-String Median Computation Applied to OCR. Lecture Notes in Computer Science, 2010, , 748-756.	1.3	1
27	Contour Regularity Extraction Based on String Edit Distance. Lecture Notes in Computer Science, 2009, , 160-167.	1.3	1
28	Normalisation of Confidence Voting Methods Applied to a Fast Handwritten OCR Classification. Advances in Intelligent and Soft Computing, 2007, , 405-412.	0.2	1
29	Smoothing and compression with stochastic -testable tree languages. Pattern Recognition, 2005, 38, 1420-1430.	8.1	3
30	Finding Significant Points for a Handwritten Classification Task. Lecture Notes in Computer Science, 2004, , 440-446.	1.3	1
31	A similarity between probabilistic tree languages: application to XML document families. Pattern Recognition, 2003, 36, 2197-2199.	8.1	5
32	Comparison of AESA and LAESA search algorithms using string and tree-edit-distances. Pattern Recognition Letters, 2003, 24, 1417-1426.	4.2	32
33	Stochastic k-testable Tree Languages and Applications. Lecture Notes in Computer Science, 2002, , 199-212.	1.3	9
34	Influence of individual versus collaborative peer assessment on score accuracy and learning outcomes in higher education: an empirical study. Assessment and Evaluation in Higher Education, 0, , 1-18.	5.6	4