Hassiba Nemmour

List of Publications by Year
in descending order

50 papers	702 citations	1162889 8 h-index	887953 17 g-index
52 all docs	52 docs citations	52 times ranked	549 citing authors

#	Article	IF	Citations
1	Multiple support vector machines for land cover change detection: An application for mapping urban extensions. ISPRS Journal of Photogrammetry and Remote Sensing, 2006, 61, 125-133.	4.9	222
2	New off-line Handwritten Signature Verification method based on Artificial Immune Recognition System. Expert Systems With Applications, 2016, 51, 186-194.	4.4	65
3	Handwritten signature verification using the quad-tree histogram of templates and a Support Vector-based artificial immune classification. Image and Vision Computing, 2017, 66, 26-35.	2.7	39
4	Robust soft-biometrics prediction from off-line handwriting analysis. Applied Soft Computing Journal, 2016, 46, 980-990.	4.1	37
5	Age, gender and handedness prediction from handwriting using gradient features. , 2015, , .		33
6	An efficient open system for offline handwritten signature identification based on curvelet transform and one-class principal component analysis. Neurocomputing, 2017, 265, 66-77.	3.5	30
7	Local descriptors to improve off-line handwriting-based gender prediction. , 2014, , .		26
8	Histogram of Oriented Gradients for writer's gender, handedness and age prediction. , 2015, , .		25
9	Combination of OC-LBP and Longest Run Features for Off-Line Signature Verification. , 2014, , .		20
10	Neural Network Combination by Fuzzy Integral for Robust Change Detection in Remotely Sensed Imagery. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.0	18
11	Support Vector Machines for Automatic Multi-class Change Detection in Algerian Capital Using Landsat TM Imagery. Journal of the Indian Society of Remote Sensing, 2010, 38, 585-591.	1.2	14
12	New gradient features for off-line handwritten signature verification. , 2015, , .		14
13	Fuzzy integrals for combining multiple SVM and histogram features for writer's gender prediction. IET Biometrics, 2017, 6, 429-437.	1.6	14
14	Handwritten Arabic word recognition based on Ridgelet transform and support vector machines. , 2011, , .		12
15	Off-line signature verification using artificial immune recognition system. , 2013, , .		12
16	An improved Artificial Immune Recognition System for off-line handwritten signature verification. , 2015, , .		9
17	Writer's Gender Classification Using HOG and LBP Features. Lecture Notes in Electrical Engineering, 2017, , 317-325.	0.3	9
18	Fuzzy Integral for Combining SVM-Based Handwritten Soft-Biometrics Prediction. , 2016, , .		7

#	Article	IF	Citations
19	New Jaccard-Distance Based Support Vector Machine Kernel for Handwritten Digit Recognition. , 2008, , .		6
20	Off-Line Handwritten Signature Verification Using Contourlet Transform and Co-occurrence Matrix. , 2012, , .		6
21	Topological and textural features for off-line signature verification based on artificial immune algorithm. , 2014, , .		6
22	New Local Difference Feature for Off-Line Handwritten Signature Verification. , 2019, , .		6
23	Artificial immune system for handwritten Arabic word recognition. , 2013, , .		5
24	New gradient descriptor for keyword spotting in handwritten documents. , 2017, , .		5
25	Writer Retrieval Using Histogram Of Templates Features and SVM. Lecture Notes in Electrical Engineering, 2019, , 537-544.	0.3	5
26	Multiple writer retrieval systems based on language independent dissimilarity learning. Expert Systems With Applications, 2020, 143, 113023.	4.4	5
27	Comparison between object- and pixel-level approaches for change detection in multispectral images by using neural networks. , 2004, , .		4
28	Fuzzy integral to speed up support vector machines training for pattern classification. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2010, 14, 127-138.	0.7	4
29	An-open system for off-line handwritten signature identification and verification using histogram of templates and SVM. , 2017, , .		4
30	New Histogram-based Descriptor for Off-Line Handwritten Signature Verification. , 2018, , .		4
31	Evaluation of Gradient Descriptors and Dissimilarity Learning for Writer Retrieval. , 2018, , .		4
32	SVM-based writer retrieval system in handwritten document images. Multimedia Tools and Applications, 2022, 81, 22629-22651.	2.6	4
33	Handwritten Digit Recognition Based on a DSmT-SVM Parallel Combination. , 2012, , .		3
34	Segmentation-verification based on fuzzy integral for connected handwritten digit recognition. , 2015, , .		3
35	Co-training approach for improving age range prediction from handwritten text. , 2017, , .		3
36	A New Handwritten Signature Verification System Based on the Histogram of Templates Feature and the Joint Use of the Artificial Immune System with SVM. IFIP Advances in Information and Communication Technology, 2018, , 119-127.	0.5	3

#	Article	IF	Citations
37	Hybrid one-class classifier ensemble based on fuzzy integral for open-lexicon handwritten Arabic word recognition. Pattern Analysis and Applications, 2019, 22, 99-113.	3.1	3
38	Improved Multi-Scale Local Difference Features for Off-Line Handwritten Signature Verification. , 2020, , .		3
39	Score Level Fusion for Improving Writer Retrieval in Handwritten Document Databases. , 2020, , .		2
40	Feature Fusion for Kinship Verification Based on Face Image Analysis. Lecture Notes in Networks and Systems, 2022, , 486-494.	0.5	2
41	New technique in the use of tangent vectors for a robust handwritten digit recognition. , 2008, , .		1
42	Integrating class-dependant tangent vectors into SVMs for handwritten digit recognition. , 2009, , .		1
43	Fuzzy Integral Combination of One-Class Classifiers Designed for Multi-class Classification. Lecture Notes in Computer Science, 2014, , 320-328.	1.0	1
44	Off-line handwritten signature identification using histogram of templates and artificial immune recognition system. , 2017, , .		1
45	Hybrid combination of Convolutional Neural Network Features for Robust Writer Retrieval of Historical Documents. , 2020, , .		1
46	N-SVM combination and tangent vectors for handwritten alphanumeric character recognition. , 2010, , .		0
47	Combination of Topological and Local Shape Features for Writer's Gender, Handedness and Age Classification. Lecture Notes in Computer Science, 2016, , 549-557.	1.0	0
48	Hybrid Off-Line Handwritten Signature Verification Based on Artificial Immune Systems and Support Vector Machines. Lecture Notes in Computer Science, 2016, , 558-565.	1.0	0
49	Towards the Prediction of Multiple Soft-Biometric Characteristics from Handwriting Analysis. IFIP Advances in Information and Communication Technology, 2018, , 211-219.	0.5	0
50	MultiScale Fusion of Histogram-based Features for Robust Off-line Handwritten Signature Verification. , 2020, , .		0