

Youcef Chibani

List of Publications by Year in descending order

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102
papers

1,591
citations

516561

16
h-index

395590

33
g-index

103
all docs

103
docs citations

103
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Open writer identification from offline handwritten signatures by jointing the one-class symbolic data analysis classifier and feature-dissimilarities. International Journal on Document Analysis and Recognition, 2023, 26, 15-31.	2.7	1
2	SVM-based writer retrieval system in handwritten document images. Multimedia Tools and Applications, 2022, 81, 22629-22651.	2.6	4
3	Interval Versus Histogram of Symbolic Representation Based One-Class Classifier for Offline Handwritten Signature Verification. Lecture Notes in Networks and Systems, 2022, , 22-31.	0.5	0
4	On the Use of the Convolutional Autoencoder for Arabic Writer Identification Using Handwritten Text Fragments. Lecture Notes in Networks and Systems, 2022, , 301-311.	0.5	0
5	Feature Fusion for Kinship Verification Based on Face Image Analysis. Lecture Notes in Networks and Systems, 2022, , 486-494.	0.5	2
6	Multiple writer retrieval systems based on language independent dissimilarity learning. Expert Systems With Applications, 2020, 143, 113023.	4.4	5
7	Improved Multi-Scale Local Difference Features for Off-Line Handwritten Signature Verification. , 2020, , .		3
8	Score Level Fusion for Improving Writer Retrieval in Handwritten Document Databases. , 2020, , .		2
9	MultiScale Fusion of Histogram-based Features for Robust Off-line Handwritten Signature Verification. , 2020, , .		0
10	Hybrid combination of Convolutional Neural Network Features for Robust Writer Retrieval of Historical Documents. , 2020, , .		1
11	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
12	The Effective Use of the Histogram of Principal Oriented Gradients for Natural Arabic Image Character Recognition. , 2019, , .		0
13	New Local Difference Feature for Off-Line Handwritten Signature Verification. , 2019, , .		6
14	Gabor filter-based texture for ancient degraded document image binarization. Pattern Analysis and Applications, 2019, 22, 1-22.	3.1	14
15	Writer Retrieval Using Histogram Of Templates Features and SVM. Lecture Notes in Electrical Engineering, 2019, , 537-544.	0.3	5
16	Nonsubsampled contourlet transform and k-means clustering for degraded document image binarization. Journal of Electronic Imaging, 2019, 28, 1.	0.5	3
17	Gender classification from offline multi-script handwriting images using oriented Basic Image Features (oBIFs). Expert Systems With Applications, 2018, 99, 155-167.	4.4	53
18	Stator Current Demodulation Using Hilbert Transform for Inverter-Fed Induction Motor at Low Load Conditions. , 2018, , .		9

#	ARTICLE	IF	CITATIONS
19	New Histogram-based Descriptor for Off-Line Handwritten Signature Verification. , 2018, , .		4
20	Natural Image Character Recognition Using One Class-Principal Component Analysis Classifier. , 2018, , .		1
21	Towards the Prediction of Multiple Soft-Biometric Characteristics from Handwriting Analysis. IFIP Advances in Information and Communication Technology, 2018, , 211-219.	0.5	0
22	Two combination stages of clustered One-Class Classifiers for writer identification from text fragments. Pattern Recognition, 2018, 82, 147-162.	5.1	22
23	Evaluation of Gradient Descriptors and Dissimilarity Learning for Writer Retrieval. , 2018, , .		4
24	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
25	Segmentation and recognition system for unknown-length handwritten digit strings. Pattern Analysis and Applications, 2017, 20, 307-323.	3.1	26
26	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
27	Writerâ€™s Gender Classification Using HOG and LBP Features. Lecture Notes in Electrical Engineering, 2017, , 317-325.	0.3	9
28	Oriented Basic Image Features Column for isolated handwritten digit. , 2017, , .		7
29	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
30	Fuzzy integrals for combining multiple SVM and histogram features for writer's gender prediction. IET Biometrics, 2017, 6, 429-437.	1.6	14
31	An-open system for off-line handwritten signature identification and verification using histogram of templates and SVM. , 2017, , .		4
32	New gradient descriptor for keyword spotting in handwritten documents. , 2017, , .		5
33	Off-line handwritten signature identification using histogram of templates and artificial immune recognition system. , 2017, , .		1
34	Offline signature identification using the histogram of symbolic representation. , 2017, , .		3
35	Co-training approach for improving age range prediction from handwritten text. , 2017, , .		3
36	Handwriting gender recognition system based on the one-class support vector machines. , 2017, , .		8

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37	Combining diverse one-class classifiers by means of dynamic weighted average for multi-class pattern classification. <i>Intelligent Data Analysis</i> , 2017, 21, 515-535.	0.4	2
38	Combination of Topological and Local Shape Features for Writer's Gender, Handedness and Age Classification. <i>Lecture Notes in Computer Science</i> , 2016, , 549-557.	1.0	0
39	Hybrid Off-Line Handwritten Signature Verification Based on Artificial Immune Systems and Support Vector Machines. <i>Lecture Notes in Computer Science</i> , 2016, , 558-565.	1.0	0
40	Isolated Handwritten Digit Recognition Using oBIFs and Background Features. , 2016, , .		22
41	Fuzzy Integral for Combining SVM-Based Handwritten Soft-Biometrics Prediction. , 2016, , .		7
42	One-Class Writer-Independent Offline Signature Verification Using Feature Dissimilarity Thresholding. <i>IEEE Transactions on Information Forensics and Security</i> , 2016, 11, 1226-1238.	4.5	57
43	New off-line Handwritten Signature Verification method based on Artificial Immune Recognition System. <i>Expert Systems With Applications</i> , 2016, 51, 186-194.	4.4	65
44	Robust soft-biometrics prediction from off-line handwriting analysis. <i>Applied Soft Computing Journal</i> , 2016, 46, 980-990.	4.1	37
45	Age, gender and handedness prediction from handwriting using gradient features. , 2015, , .		33
46	Outliers' effect reduction of one-class neural networks classifier. , 2015, , .		1
47	Segmentation-verification based on fuzzy integral for connected handwritten digit recognition. , 2015, , .		3
48	LBP-based degraded document image binarization. , 2015, , .		2
49	SVM-Based Segmentation-Verification of Handwritten Connected Digits Using the Oriented Sliding Window. <i>International Journal of Computational Intelligence and Applications</i> , 2015, 14, 1550005.	0.6	14
50	New gradient features for off-line handwritten signature verification. , 2015, , .		14
51	Histogram of Oriented Gradients for writer's gender, handedness and age prediction. , 2015, , .		25
52	An improved Artificial Immune Recognition System for off-line handwritten signature verification. , 2015, , .		9
53	Blind versus unblind performance evaluation of binarization methods. , 2015, , .		2
54	The effective use of the one-class SVM classifier for handwritten signature verification based on writer-independent parameters. <i>Pattern Recognition</i> , 2015, 48, 103-113.	5.1	185

#	ARTICLE	IF	CITATIONS
55	Topological and textural features for off-line signature verification based on artificial immune algorithm. , 2014, , .		6
56	LAMIS-MSHD: A Multi-script Offline Handwriting Database. , 2014, , .		28
57	Feature selection and classification for urban data using improved F-score with Support Vector Machine. , 2014, , .		4
58	Combination of OC-LBP and Longest Run Features for Off-Line Signature Verification. , 2014, , .		20
59	Local descriptors to improve off-line handwriting-based gender prediction. , 2014, , .		26
60	Restoration based Contourlet Transform for historical document image binarization. , 2014, , .		7
61	Optimized selection of training samples for One-Class Neural Network classifier. , 2014, , .		8
62	The effective use of the One-Class SVM classifier for reduced training samples and its application to handwritten signature verification. , 2014, , .		5
63	Multiple One-Class Classifier Combination for Multi-class Classification. , 2014, , .		8
64	Fuzzy Integral Combination of One-Class Classifiers Designed for Multi-class Classification. Lecture Notes in Computer Science, 2014, , 320-328.	1.0	1
65	Improving Isolated Digit Recognition Using a Combination of Multiple Features. , 2014, , .		11
66	Gabor Filters for Degraded Document Image Binarization. , 2014, , .		10
67	Keyword-guided Arabic word spotting in ancient document images using Curvelet descriptors. , 2014, , .		2
68	Writer-independent Handwritten Signature Verification based on One-Class SVM classifier. , 2014, , .		1
69	Off-line signature verification using artificial immune recognition system. , 2013, , .		12
70	Ancient degraded document image binarization based on texture features. , 2013, , .		9
71	Ridgelet-DTW-based word spotting for Arabic historical document. , 2013, , .		3
72	SVM-DSmT COMBINATION FOR THE SIMULTANEOUS VERIFICATION OF OFF-LINE AND ON-LINE HANDWRITTEN SIGNATURES. International Journal of Computational Intelligence and Applications, 2012, 11, 1250018.	0.6	2

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73	One-class versus bi-class SVM classifier for off-line signature verification. , 2012, , .		10
74	SVM-DStM combination for off-line signature verification. , 2012, , .		7
75	Off-Line Handwritten Signature Verification Using Contourlet Transform and Co-occurrence Matrix. , 2012, , .		6
76	Segmentation and Recognition Strategy of Handwritten Connected Digits Based on the Oriented Sliding Window. , 2012, , .		7
77	Handwritten Digit Recognition Based on a DStM-SVM Parallel Combination. , 2012, , .		3
78	Combination of off-line and on-line signature verification systems based on SVM and DST. , 2011, , .		5
79	Handwritten Arabic word recognition based on Ridgelet transform and support vector machines. , 2011, , .		12
80	Machine printed handwritten text discrimination using Radon transform and SVM classifier. , 2011, , .		11
81	Segmentation Strategy of Handwritten Connected Digits (SSHCD). Lecture Notes in Computer Science, 2011, , 248-254.	1.0	5
82	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
83	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
84	N-SVM combination and tangent vectors for handwritten alphanumeric character recognition. , 2010, , .		0
85	Integrating class-dependant tangent vectors into SVMs for handwritten digit recognition. , 2009, , .		1
86	New Jaccard-Distance Based Support Vector Machine Kernel for Handwritten Digit Recognition. , 2008, , .		6
87	New technique in the use of tangent vectors for a robust handwritten digit recognition. , 2008, , .		1
88	Integration of panchromatic and SAR features into multispectral SPOT images using the " trous wavelet decomposition. International Journal of Remote Sensing, 2007, 28, 2295-2307.	1.3	19
89	Fuzzy neural network architecture for change detection in remotely sensed imagery. International Journal of Remote Sensing, 2006, 27, 705-717.	1.3	25
90	Additive integration of SAR features into multispectral SPOT images by means of the " trous wavelet decomposition. ISPRS Journal of Photogrammetry and Remote Sensing, 2006, 60, 306-314.	4.9	41

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91	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
92	Selective Synthetic Aperture Radar and Panchromatic Image Fusion by Using the \tilde{A} Trous Wavelet Decomposition. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.0	11
93	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
94	Radar and panchromatic image fusion by means of the a trous algorithm. , 2004, , .		0
95	Comparison between object- and pixel-level approaches for change detection in multispectral images by using neural networks. , 2004, , .		4
96	Redundant versus orthogonal wavelet decomposition for multisensor image fusion. Pattern Recognition, 2003, 36, 879-887.	5.1	111
97	The joint use of IHS transform and redundant wavelet decomposition for fusing multispectral and panchromatic images. International Journal of Remote Sensing, 2002, 23, 3821-3833.	1.3	80
98	<title>Model for multispectral and panchromatic image fusion</title>. , 2001, 4170, 238.		5
99	<title>Color space and wavelet transform for merging multispectral and panchromatic SPOT images</title>. , 1999, 3871, 306.		0
100	<title>Fusion of multispectral and radar images in the redundant wavelet domain</title>. , 1998, , .		9
101	On the use of the redundant wavelet transform for multisensor image fusion. , 0, , .		16
102	Fuzzy integral for a rapid mixture of support vector machines. , 0, , .		2