

Youcef Chibani

List of Publications by Year in descending order

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Version: 2024-02-01

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	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	The effective use of the one-class SVM classifier for handwritten signature verification based on writer-independent parameters. Pattern Recognition, 2015, 48, 103-113.	5.1	185
3	Redundant versus orthogonal wavelet decomposition for multisensor image fusion. Pattern Recognition, 2003, 36, 879-887.	5.1	111
4	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
5	New off-line Handwritten Signature Verification method based on Artificial Immune Recognition System. Expert Systems With Applications, 2016, 51, 186-194.	4.4	65
6	One-Class Writer-Independent Offline Signature Verification Using Feature Dissimilarity Thresholding. IEEE Transactions on Information Forensics and Security, 2016, 11, 1226-1238.	4.5	57
7	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
8	Additive integration of SAR features into multispectral SPOT images by means of the \tilde{A} trous wavelet decomposition. ISPRS Journal of Photogrammetry and Remote Sensing, 2006, 60, 306-314.	4.9	41
9	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
10	Robust soft-biometrics prediction from off-line handwriting analysis. Applied Soft Computing Journal, 2016, 46, 980-990.	4.1	37
11	Age, gender and handedness prediction from handwriting using gradient features. , 2015, , .		33
12	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
13	LAMIS-MSHD: A Multi-script Offline Handwriting Database. , 2014, , .		28
14	Local descriptors to improve off-line handwriting-based gender prediction. , 2014, , .		26
15	Segmentation and recognition system for unknown-length handwritten digit strings. Pattern Analysis and Applications, 2017, 20, 307-323.	3.1	26
16	Fuzzy neural network architecture for change detection in remotely sensed imagery. International Journal of Remote Sensing, 2006, 27, 705-717.	1.3	25
17	Histogram of Oriented Gradients for writer's gender, handedness and age prediction. , 2015, , .		25
18	Isolated Handwritten Digit Recognition Using oBIFs and Background Features. , 2016, , .		22

#	ARTICLE	IF	CITATIONS
19	Two combination stages of clustered One-Class Classifiers for writer identification from text fragments. <i>Pattern Recognition</i> , 2018, 82, 147-162.	5.1	22
20	Combination of OC-LBP and Longest Run Features for Off-Line Signature Verification. , 2014, , .		20
21	Integration of panchromatic and SAR features into multispectral SPOT images using the \tilde{A} trous \hat{e} TM wavelet decomposition. <i>International Journal of Remote Sensing</i> , 2007, 28, 2295-2307.	1.3	19
22	Neural Network Combination by Fuzzy Integral for Robust Change Detection in Remotely Sensed Imagery. <i>Eurasip Journal on Advances in Signal Processing</i> , 2005, 2005, 1.	1.0	18
23	On the use of the redundant wavelet transform for multisensor image fusion. , 0, , .		16
24	Support Vector Machines for Automatic Multi-class Change Detection in Algerian Capital Using Landsat TM Imagery. <i>Journal of the Indian Society of Remote Sensing</i> , 2010, 38, 585-591.	1.2	14
25	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
26	New gradient features for off-line handwritten signature verification. , 2015, , .		14
27	Fuzzy integrals for combining multiple SVM and histogram features for writer's gender prediction. <i>IET Biometrics</i> , 2017, 6, 429-437.	1.6	14
28	Gabor filter-based texture for ancient degraded document image binarization. <i>Pattern Analysis and Applications</i> , 2019, 22, 1-22.	3.1	14
29	Handwritten Arabic word recognition based on Ridgelet transform and support vector machines. , 2011, , .		12
30	Off-line signature verification using artificial immune recognition system. , 2013, , .		12
31	Selective Synthetic Aperture Radar and Panchromatic Image Fusion by Using the \tilde{A} Trous Wavelet Decomposition. <i>Eurasip Journal on Advances in Signal Processing</i> , 2005, 2005, 1.	1.0	11
32	Machine printed handwritten text discrimination using Radon transform and SVM classifier. , 2011, , .		11
33	Improving Isolated Digit Recognition Using a Combination of Multiple Features. , 2014, , .		11
34	One-class versus bi-class SVM classifier for off-line signature verification. , 2012, , .		10
35	Gabor Filters for Degraded Document Image Binarization. , 2014, , .		10
36	<title>Fusion of multispectral and radar images in the redundant wavelet domain</title>. , 1998, , .		9

#	ARTICLE	IF	CITATIONS
37	Ancient degraded document image binarization based on texture features. , 2013, , .		9
38	An improved Artificial Immune Recognition System for off-line handwritten signature verification. , 2015, , .		9
39	Writerâ€™s Gender Classification Using HOG and LBP Features. Lecture Notes in Electrical Engineering, 2017, , 317-325.	0.3	9
40	Stator Current Demodulation Using Hilbert Transform for Inverter-Fed Induction Motor at Low Load Conditions. , 2018, , .		9
41	Optimized selection of training samples for One-Class Neural Network classifier. , 2014, , .		8
42	Multiple One-Class Classifier Combination for Multi-class Classification. , 2014, , .		8
43	Handwriting gender recognition system based on the one-class support vector machines. , 2017, , .		8
44	SVM-DST combination for off-line signature verification. , 2012, , .		7
45	Segmentation and Recognition Strategy of Handwritten Connected Digits Based on the Oriented Sliding Window. , 2012, , .		7
46	Restoration based Contourlet Transform for historical document image binarization. , 2014, , .		7
47	Fuzzy Integral for Combining SVM-Based Handwritten Soft-Biometrics Prediction. , 2016, , .		7
48	Oriented Basic Image Features Column for isolated handwritten digit. , 2017, , .		7
49	New Jaccard-Distance Based Support Vector Machine Kernel for Handwritten Digit Recognition. , 2008, , .		6
50	Off-Line Handwritten Signature Verification Using Contourlet Transform and Co-occurrence Matrix. , 2012, , .		6
51	Topological and textural features for off-line signature verification based on artificial immune algorithm. , 2014, , .		6
52	New Local Difference Feature for Off-Line Handwritten Signature Verification. , 2019, , .		6
53	<title>Model for multispectral and panchromatic image fusion</title>. , 2001, 4170, 238.		5
54	Combination of off-line and on-line signature verification systems based on SVM and DST. , 2011, , .		5

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55	The effective use of the One-Class SVM classifier for reduced training samples and its application to handwritten signature verification. , 2014, , .		5
56	New gradient descriptor for keyword spotting in handwritten documents. , 2017, , .		5
57	Writer Retrieval Using Histogram Of Templates Features and SVM. Lecture Notes in Electrical Engineering, 2019, , 537-544.	0.3	5
58	Multiple writer retrieval systems based on language independent dissimilarity learning. Expert Systems With Applications, 2020, 143, 113023.	4.4	5
59	Segmentation Strategy of Handwritten Connected Digits (SSHCD). Lecture Notes in Computer Science, 2011, , 248-254.	1.0	5
60	Comparison between object- and pixel-level approaches for change detection in multispectral images by using neural networks. , 2004, , .		4
61	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
62	Feature selection and classification for urban data using improved F-score with Support Vector Machine. , 2014, , .		4
63	An-open system for off-line handwritten signature identification and verification using histogram of templates and SVM. , 2017, , .		4
64	New Histogram-based Descriptor for Off-Line Handwritten Signature Verification. , 2018, , .		4
65	Evaluation of Gradient Descriptors and Dissimilarity Learning for Writer Retrieval. , 2018, , .		4
66	SVM-based writer retrieval system in handwritten document images. Multimedia Tools and Applications, 2022, 81, 22629-22651.	2.6	4
67	Handwritten Digit Recognition Based on a DSMT-SVM Parallel Combination. , 2012, , .		3
68	Ridgelet-DTW-based word spotting for Arabic historical document. , 2013, , .		3
69	Segmentation-verification based on fuzzy integral for connected handwritten digit recognition. , 2015, , .		3
70	Offline signature identification using the histogram of symbolic representation. , 2017, , .		3
71	Co-training approach for improving age range prediction from handwritten text. , 2017, , .		3
72	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
73	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
74	Improved Multi-Scale Local Difference Features for Off-Line Handwritten Signature Verification. , 2020, , .		3
75	Nonsubsampled contourlet transform and k-means clustering for degraded document image binarization. Journal of Electronic Imaging, 2019, 28, 1.	0.5	3
76	Fuzzy integral for a rapid mixture of support vector machines. , 0, , .		2
77	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
78	Keyword-guided Arabic word spotting in ancient document images using Curvelet descriptors. , 2014, , .		2
79	LBP-based degraded document image binarization. , 2015, , .		2
80	Blind versus unblind performance evaluation of binarization methods. , 2015, , .		2
81	Combining diverse one-class classifiers by means of dynamic weighted average for multi-class pattern classification. Intelligent Data Analysis, 2017, 21, 515-535.	0.4	2
82	Score Level Fusion for Improving Writer Retrieval in Handwritten Document Databases. , 2020, , .		2
83	Feature Fusion for Kinship Verification Based on Face Image Analysis. Lecture Notes in Networks and Systems, 2022, , 486-494.	0.5	2
84	New technique in the use of tangent vectors for a robust handwritten digit recognition. , 2008, , .		1
85	Integrating class-dependant tangent vectors into SVMs for handwritten digit recognition. , 2009, , .		1
86	Fuzzy Integral Combination of One-Class Classifiers Designed for Multi-class Classification. Lecture Notes in Computer Science, 2014, , 320-328.	1.0	1
87	Writer-independent Handwritten Signature Verification based on One-Class SVM classifier. , 2014, , .		1
88	Outliers' effect reduction of one-class neural networks classifier. , 2015, , .		1
89	Off-line handwritten signature identification using histogram of templates and artificial immune recognition system. , 2017, , .		1
90	Natural Image Character Recognition Using One Class-Principal Component Analysis Classifier. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
91	Hybrid combination of Convolutional Neural Network Features for Robust Writer Retrieval of Historical Documents. , 2020, , .		1
92	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
93	<title>Color space and wavelet transform for merging multispectral and panchromatic SPOT images</title>. , 1999, 3871, 306.		0
94	Radar and panchromatic image fusion by means of the a trous algorithm. , 2004, , .		0
95	N-SVM combination and tangent vectors for handwritten alphanumeric character recognition. , 2010, , .		0
96	Combination of Topological and Local Shape Features for Writerâ€™s Gender, Handedness and Age Classification. Lecture Notes in Computer Science, 2016, , 549-557.	1.0	0
97	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
98	Towards the Prediction of Multiple Soft-Biometric Characteristics from Handwriting Analysis. IFIP Advances in Information and Communication Technology, 2018, , 211-219.	0.5	0
99	The Effective Use of the Histogram of Principal Oriented Gradients for Natural Arabic Image Character Recognition. , 2019, , .		0
100	MultiScale Fusion of Histogram-based Features for Robust Off-line Handwritten Signature Verification. , 2020, , .		0
101	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
102	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