José Luis Alba-Castro

List of Publications by Year
in descending order

72 papers	1,118 citations	687363 13 h-index	501196 28 g-index
74 all docs	74 docs citations	74 times ranked	1004 citing authors

#	Article	IF	Citations
1	The Multiscenario Multienvironment BioSecure Multimodal Database (BMDB). IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1097-1111.	13.9	176
2	Toward Pose-Invariant 2-D Face Recognition Through Point Distribution Models and Facial Symmetry. IEEE Transactions on Information Forensics and Security, 2007, 2, 413-429.	6.9	88
3	Unsupervised clustering method to detect microsaccades. Journal of Vision, 2014, 14, 18-18.	0.3	87
4	Biometric Template Protection Using Universal Background Models: An Application to Online Signature. IEEE Transactions on Information Forensics and Security, 2012, 7, 269-282.	6.9	56
5	What Your Face Vlogs About: Expressions of Emotion and Big-Five Traits Impressions in YouTube. IEEE Transactions on Affective Computing, 2015, 6, 193-205.	8.3	48
6	Online Signature Verification Based on Generative Models. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1231-1242.	5.0	46
7	Single- and cross- database benchmarks for gender classification under unconstrained settings. , 2011, , .		39
8	Hand gestures to control infotainment equipment in cars. , 2014, , .		38
9	An Evaluation of Video-to-Video Face Verification. IEEE Transactions on Information Forensics and Security, 2010, 5, 781-801.	6.9	35
10	Isolated Sign Language Recognition with Multi-Scale Spatial-Temporal Graph Convolutional Networks. , 2021, , .		28
11	On combining classifiers for speaker authentication. Pattern Recognition, 2003, 36, 347-359.	8.1	27
12	Shedding light on the asymmetric learning capability of AdaBoost. Pattern Recognition Letters, 2012, 33, 247-255.	4.2	25
13	Is My Student at the Other Side? Applying Biometric Web Authentication to E-Learning Environments. , 2008, , .		23
14	Security issues of Internet-based biometric authentication systems: risks of Man-in-the-Middle and BioPhishing on the example of BioWebAuth. Proceedings of SPIE, 2008, , .	0.8	21
15	Audiovisual three-level fusion for continuous estimation of Russell's emotion circumplex. , 2013, , .		20
16	Shape-Driven Gabor Jets for Face Description and Authentication. IEEE Transactions on Information Forensics and Security, 2007, 2, 769-780.	6.9	18
17	Growing Gaussian mixtures network for classification applications. Signal Processing, 1999, 76, 43-60.	3.7	17
18	BioSecure Signature Evaluation Campaign (ESRA'2011): evaluating systems on quality-based categories of skilled forgeries. , 2011, , .		17

#	Article	IF	Citations
19	Modeling Gabor Coefficients via Generalized Gaussian Distributions for Face Recognition. , 2007, , .		16
20	Secure crypto-biometric system for cloud computing. , 2011, , .		14
21	Generalized Presentation Attack Detection: a face anti-spoofing evaluation proposal. , 2019, , .		14
22	BMOG: Boosted Gaussian Mixture Model withÂControlled Complexity. Lecture Notes in Computer Science, 2017, , 50-57.	1.3	14
23	Performance of active appearance model-based pose-robust face recognition. IET Computer Vision, 2011, 5, 348.	2.0	13
24	A SUPERVISED MODIFICATION OF THE HAUSDORFF DISTANCE FOR VISUAL SHAPE CLASSIFICATION. International Journal of Pattern Recognition and Artificial Intelligence, 2002, 16, 349-359.	1.2	12
25	Generalized Gaussian distributions for sequential data classification. , 2008, , .		12
26	Multimodal Biometrics-based Student Attendance Measurement in Learning Management Systems. , 2009, , .		12
27	BMOG: boosted Gaussian Mixture Model with controlled complexity for background subtraction. Pattern Analysis and Applications, 2018, 21, 641-654.	4.6	12
28	Local Contour Patterns for fast traffic sign detection. , 2010, , .		11
29	Double-base asymmetric AdaBoost. Neurocomputing, 2013, 118, 101-114.	5.9	11
30	Fast real-time multiclass traffic sign detection based on novel shape and texture descriptors. , 2010, , .		8
31	Quality-Based Score Normalization and Frame Selection for Video-Based Person Authentication. Lecture Notes in Computer Science, 2008, , 1-9.	1.3	8
32	Shape contexts and Gabor features for face description and authentication. , 2005, , .		7
33	An open framework for distributed biometric authentication in a web environment. Annales Des Telecommunications/Annals of Telecommunications, 2007, 62, 177-192.	2.5	7
34	Face Recognition Across Pose with Automatic Estimation of Pose Parameters through AAM-Based Landmarking. , 2010, , .		7
35	Distance Measures for Gabor Jets-Based Face Authentication: A Comparative Evaluation. Lecture Notes in Computer Science, 2007, , 474-483.	1.3	7
36	Fast image recovery using dynamic load balancing in parallel architectures, by means of incomplete projections. IEEE Transactions on Image Processing, 2001, 10, 493-499.	9.8	6

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37	Pose Correction and Subject-Specific Features for Face Authentication. , 2006, , .		6
38	Symmetry-Aided Frontal View Synthesis for Pose-Robust Face Recognition. , 2007, , .		6
39	Pose-corrected face processing on video sequences for webcam-based remote biometric authentication. Journal of Electronic Imaging, 2008, 17, 011004.	0.9	6
40	On the Performance of Kernel Methods for Skin Color Segmentation. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.7	6
41	The Role of Polarity in Haar-like Features for Face Detection. , 2010, , .		6
42	Multimodality Functional Imaging in Radiation Therapy Planning: Relationships between Dynamic Contrast-Enhanced MRI, Diffusion-Weighted MRI, and 18F-FDG PET. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-10.	1.3	6
43	Face Video Competition. Lecture Notes in Computer Science, 2009, , 715-724.	1.3	6
44	GaliTracker: Real-Time Lecturer-Tracking for Lecture Capturing. , 2013, , .		5
45	Challenges of Face Presentation Attack Detection in Real Scenarios. Advances in Computer Vision and Pattern Recognition, 2019, , 247-266.	1.3	5
46	Vine variety discrimination with airborne imaging spectroscopy. , 2007, , .		4
47	On the use of quality measures in face and speaker identity verification based on video and audio streams. IET Signal Processing, 2009, 3, 301.	1.5	4
48	Bio-inspired Boosting for Moving Objects Segmentation. Lecture Notes in Computer Science, 2016, , 397-406.	1.3	4
49	Face presentation attack detection. A comprehensive evaluation of the generalisation problem. IET Biometrics, 2021, 10, 408-429.	2.5	4
50	Automatic Pose Correction for Local Feature-Based Face Authentication. Lecture Notes in Computer Science, 2006, , 356-365.	1.3	4
51	An Open Source Java Framework for Biometric Web Authentication Based on BioAPI. Lecture Notes in Computer Science, 2007, , 809-815.	1.3	4
52	Facial Motion Analysis beyond Emotional Expressions. Sensors, 2022, 22, 3839.	3.8	4
53	Grading Textured Surfaces with Automated Soft Clustering in a Supervised SOM. Lecture Notes in Computer Science, 2004, , 323-330.	1.3	3
54	A multiplatform Java wrapper for the BioAPI framework. Computer Standards and Interfaces, 2009, 31, 186-191.	5.4	3

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55	2D Face Recognition. , 2009, , 213-262.		3
56	Frontal Face Authentication Through Creaseness-Driven Gabor Jets. Lecture Notes in Computer Science, 2004, , 660-667.	1.3	3
57	Quality-Based Score Normalization for Audiovisual Person Authentication. Lecture Notes in Computer Science, 2008, , 1003-1012.	1.3	3
58	<title>Novel SOM-PCA network for face identification</title>. , 2001, 4479, 186.		2
59	A SOFM improves a real time quality assurance machine vision system. , 2004, , .		2
60	Recursive pose dependent AAM: Application to drivers' monitoring. , 2011, , .		2
61	ARTFIBio: A cross-platform image registration tool for tumor response quantification in head and neck cancer. , 2014, , .		2
62	From Hard to Soft Biometrics Through DNN Transfer Learning. , 2018, , .		2
63	Texture collinearity foreground segmentation for night videos. Computer Vision and Image Understanding, 2020, 200, 103032.	4.7	2
64	Soft-competitive-growing classifier with unsupervised fine-tuning. , 0, , .		1
65	Evaluation of point localisation and similarity fusion methods for Gabor jet-based face verification. IET Computer Vision, 2007, 1, 101-112.	2.0	1
66	Modeling magnitudes of Gabor coefficients: The $\hat{I}^2$-Rayleigh distribution. , 2009, , .		1
67	Feature fusion for template stability in biometric cryptosystems. An application to face biometrics based on eigen-models. , 2012, , .		1
68	Deep learning and collaborative training for reducing communication barriers with deaf people. , 2021, , .		1
69	On Combining Textural and Geometrical Scores for Discriminative Face Authentication. Lecture Notes in Computer Science, 2005, , 51-60.	1.3	0
70	Modeling Marginal Distributions of Gabor Coefficients: Application to Biometric Template Reduction. Lecture Notes in Computer Science, 2008, , 37-46.	1.3	0
71	Eigen-Model Projections for Protected On-line Signature Recognition. Lecture Notes in Computer Science, 2011, , 49-60.	1.3	0
72	Blockwise Linear Regression for Face Alignment. , 2013, , .		0