Judith Liu-Jimenez

List of Publications by Year
in descending order

52 papers	424 citations	1307594 7 h-index	940533 16 g-index
52 all docs	52 docs citations	52 times ranked	355 citing authors

#	Article	IF	Citations
1	Performance evaluation of handwritten signature recognition in mobile environments. IET Biometrics, 2014, 3, 139-146.	2.5	87
2	On-Line Signature Verification by Dynamic Time Warping and Gaussian Mixture Models. , 2007, , .		31
3	Iris Biometrics for Embedded Systems. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2011, 19, 274-282.	3.1	29
4	Small fingerprint scanners used in mobile devices: the impact on biometric performance. IET Biometrics, 2016, 5, 28-36.	2.5	29
5	Recurrent Neural Network for Inertial Gait User Recognition in Smartphones. Sensors, 2019, 19, 4054.	3.8	24
6	Fuzzy Vault Scheme Based on Fixed-Length Templates Applied to Dynamic Signature Verification. IEEE Access, 2020, 8, 11152-11164.	4.2	22
7	Correlation-Based Fingerprint Matching with Orientation Field Alignment. Lecture Notes in Computer Science, 2007, , 713-721.	1.3	17
8	Gait recognition using smartphone. , 2016, , .		14
9	A Survey in Presentation Attack and Presentation Attack Detection. , 2019, , .		14
10	Optimizing resources on smartphone gait recognition. , 2017, , .		13
11	FPGA implementation for an iris biometric processor. , 2006, , .		11
12	Quality Measurements for Iris Images in Biometrics. , 2007, , .		9
13	Increasing security with correlation-based fingerprint matching. , 2007, , .		8
14	Fingerprint Presentation Attack Detection Utilizing Spatio-Temporal Features. Sensors, 2021, 21, 2059.	3.8	8
15	Universal access through biometrics in mobile scenarios. , 2013, , .		7
16	Analysis of the attack potential in low cost spoofing of fingerprints. , 2017, , .		6
17	Improvement in Security Evaluation of Biometric Systems. , 2006, , .		5
18	Analysis on compact data formats for the performance of handwritten signature biometrics. , 2009, , .		5

#	Article	IF	Citations
19	Evaluation of biometric system performance in the context of Common Criteria. Information Sciences, 2013, 245, 240-254.	6.9	5
20	Evaluation of strengths and weaknesses of dynamic handwritten signature recognition against forgeries. , 2015, , .		5
21	Low-Cost and Efficient Hardware Solution for Presentation Attack Detection in Fingerprint Biometrics Using Special Lighting Microscopes. IEEE Access, 2019, 7, 7184-7193.	4.2	5
22	QRS Differentiation to Improve ECG Biometrics under Different Physical Scenarios Using Multilayer Perceptron. Applied Sciences (Switzerland), 2020, 10, 6896.	2.5	5
23	Architectures for Biometric Match-on-Token Solutions. Lecture Notes in Computer Science, 2004, , 195-204.	1.3	4
24	Coarse-grain dynamically reconfigurable coprocessor for image processing in SOPC. , 2008, , .		4
25	Best practices for the security evaluation of biometric systems. , 2014, , .		4
26	Influence of walking in groups in gait recognition. , 2017, , .		4
27	Influence of Walking Speed and Smartphone Position on Gait Recognition. , 2018, , .		4
28	Accessible Mobile Biometrics for Elderly. , 2015, , .		4
29	FPGA Implementation of Biometric Authentication System Based on Hand Geometry. Lecture Notes in Computer Science, 2004, , 43-53.	1.3	3
30	Architecture of a Search Engine for Massive Comparison in an Iris Biometric System. , 2006, , .		3
31	Hardware/Software Codesign for an Iris Biometric Search Engine. , 2007, , .		3
32	Wavelet-Based Fingerprint Region Selection. Lecture Notes in Computer Science, 2007, , 391-398.	1.3	3
33	Input images in iris recognition systems: A case study. , 2011, , .		3
34	Making stronger identity for EU citizens. , 2015, , .		3
35	How to assess user interaction effects in Biometric performance. , 2017, , .		3
36	Forensic Validation of Biometrics Using Dynamic Handwritten Signatures. IEEE Access, 2018, 6, 34149-34157.	4.2	3

#	Article	IF	Citations
37	Attack Potential Evaluation in Desktop and Smartphone Fingerprint Sensors: Can They Be Attacked by Anyone?. Wireless Communications and Mobile Computing, 2018, 2018, 1-16.	1.2	3
38	Optimisation of biometric ID tokens by using hardware/software co-design. IET Biometrics, 2012, 1, 168-177.	2.5	2
39	Vulnerabilities of biometric systems integrated in mobile devices: An evaluation. , 2016, , .		2
40	Dynamic Fingerprint Statistics: Application in Presentation Attack Detection. IEEE Access, 2020, 8, 95594-95604.	4.2	2
41	Smart Cards to Enhance Security and Privacy in Biometrics. , 2013, , 239-274.		2
42	User-friendly biometric camera for speeding iris recognition systems. , 2008, , .		1
43	Quality metrics influence on iris recognition systems performance. , 2011, , .		1
44	Fingerprint Presentation Attack Detection: Multispectral imaging with a narrow-band camera using Bag of Features. , 2019, , .		1
45	Template protection approaches: Fuzzy Vault scheme. , 2019, , .		1
46	Unsupervised and scalable low train pathology detection system based on neural networks. Heliyon, 2021, 7, e06270.	3.2	1
47	The Impact of Pressure on the Fingerprint Impression: Presentation Attack Detection Scheme. Applied Sciences (Switzerland), 2021, 11, 7883.	2.5	1
48	Image compact formats of iris samples for interoperability in biometric systems. , 2008, , .		0
49	Improving security in ID tokens through HW/SW co-design. , 2010, , .		0
50	Performing a Presentation Attack Detection on Voice Biometrics. , 2018, , .		0
51	Iris Biometrics Algorithm for Low Cost Devices. Advances in Pattern Recognition, 2007, , 195-202.	0.8	0
52	Recurrent Neural Network for Gait Pathology Detection. , 2020, , .		0