Andrew Beng Jin Teoh

List of Publications by Year
in descending order

235 papers	6,799 citations	100601 38 h-index	84171 75 g-index
241 all docs	241 docs citations	241 times ranked	3674 citing authors

#	Article	IF	Citations
1	Multi-task Pre-training with Soft Biometrics for Transfer-learning Palmprint Recognition. Neural Processing Letters, 2023, 55, 2341-2358.	2.0	6
2	Divergent Angular Representation for Open Set Image Recognition. IEEE Transactions on Image Processing, 2022, 31, 176-189.	6.0	4
3	A Pipeline Approach to Context-Aware Handwritten Text Recognition. Applied Sciences (Switzerland), 2022, 12, 1870.	1.3	6
4	Multimodal Biometric Template Protection Based on a Cancelable SoftmaxOut Fusion Network. Applied Sciences (Switzerland), 2022, 12, 2023.	1.3	7
5	Towards Face Representation Learning Conditioned on the Soft Biometrics. , 2022, , .		0
6	Co-Learning to Hash Palm Biometrics for Flexible IoT Deployment. IEEE Internet of Things Journal, 2022, 9, 23786-23794.	5.5	6
7	Deep rank hashing network for cancellable face identification. Pattern Recognition, 2022, 131, 108886.	5.1	5
8	Secure Secret Sharing Enabled b-band Mini Vaults Bio-Cryptosystem for Vectorial Biometrics. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 58-71.	3.7	9
9	Towards End-to-End Synthetic Speech Detection. IEEE Signal Processing Letters, 2021, 28, 1265-1269.	2.1	51
10	SoftmaxOut Transformation-Permutation Network for Facial Template Protection. , 2021, , .		9
11	Interpretable security analysis of cancellable biometrics using constrained-optimized similarity-based attack. , 2021, , .		10
12	MIND-Net: A Deep Mutual Information Distillation Network for Realistic Low-Resolution Face Recognition. IEEE Signal Processing Letters, 2021, 28, 354-358.	2.1	15
13	Revisiting ImprovedGAN with Metric Learning for Semi-Supervised Learning. , 2021, , .		0
14	Discriminative Multi-level Reconstruction under Compact Latent Space for One-Class Novelty Detection. , 2021, , .		3
15	Secure Chaff-less Fuzzy Vault for Face Identification Systems. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-22.	3.0	10
16	Towards Generating High Definition Face Images from Deep Templates. , 2021, , .		10
17	A Tokenless Cancellable Scheme for Multimodal Biometric Systems. Computers and Security, 2021, 108, 102350.	4.0	19
18	In-air hand gesture signature using transfer learning and its forgery attack. Applied Soft Computing Journal, 2021, 113, 108033.	4.1	9

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19	Online Heterogeneous Face Recognition Based on Total-Error-Rate Minimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1286-1299.	5.9	6
20	Stacking-Based Deep Neural Network: Deep Analytic Network for Pattern Classification. IEEE Transactions on Cybernetics, 2020, 50, 5021-5034.	6.2	24
21	Palmprint template protection scheme based on randomized cuckoo hashing and MinHash. Multimedia Tools and Applications, 2020, 79, 11947-11971.	2.6	18
22	Periocular Recognition in the Wild With Generalized Label Smoothing Regularization. IEEE Signal Processing Letters, 2020, 27, 1455-1459.	2.1	16
23	Palmprint False Acceptance Attack with a Generative Adversarial Network (GAN). Applied Sciences (Switzerland), 2020, 10, 8547.	1.3	18
24	Deep Index-of-Maximum Hashing for Face Template Protection. , 2020, , .		2
25	Bit-string representation of a fingerprint image by normalized local structures. Pattern Recognition, 2020, 103, 107323.	5.1	11
26	Special Issue on Advanced Biometrics with Deep Learning. Applied Sciences (Switzerland), 2020, 10, 4453.	1.3	6
27	Open-set face identification with index-of-max hashing by learning. Pattern Recognition, 2020, 103, 107277.	5.1	13
28	In-air hand gesture signature recognition system based on 3-dimensional imagery. Multimedia Tools and Applications, 2019, 78, 6913-6937.	2.6	14
29	Periocular Recognition in the Wild: Implementation of RGB-OCLBCP Dual-Stream CNN. Applied Sciences (Switzerland), 2019, 9, 2709.	1.3	21
30	Touch-Stroke Dynamics Authentication Using Temporal Regression Forest. IEEE Signal Processing Letters, 2019, 26, 1001-1005.	2.1	12
31	Cancelable fingerprint template design with randomized non-negative least squares. Pattern Recognition, 2019, 91, 245-260.	5.1	55
32	Symmetric keyring encryption scheme for biometric cryptosystem. Information Sciences, 2019, 502, 492-509.	4.0	17
33	Sparse Combined Index-of-Max Hashing for Fingerprint Template Protection. , 2019, , .		2
34	Learning-Based Index-of-Maximum Hashing for Touch-Stroke Template Protection. , 2019, , .		2
35	Feature fusions for 2.5D face recognition in Random Maxout Extreme Learning Machine. Applied Soft Computing Journal, 2019, 75, 358-372.	4.1	11
36	Multi-Fold Gabor, PCA, and ICA Filter Convolution Descriptor for Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 115-129.	5.6	39

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37	An Analytic Gabor Feedforward Network for Single-Sample and Pose-Invariant Face Recognition. IEEE Transactions on Image Processing, 2018, 27, 2791-2805.	6.0	23
38	Random permutation Maxout transform for cancellable facial template protection. Multimedia Tools and Applications, 2018, 77, 27733-27759.	2.6	10
39	Sparse pseudoinverse incremental extreme learning machine. Neurocomputing, 2018, 287, 128-142.	3.5	18
40	Human gait recognition using localized Grassmann mean representatives with partial least squares regression. Multimedia Tools and Applications, 2018, 77, 28457-28482.	2.6	2
41	Ranking-Based Locality Sensitive Hashing-Enabled Cancelable Biometrics: Index-of-Max Hashing. IEEE Transactions on Information Forensics and Security, 2018, 13, 393-407.	4.5	139
42	Enhanced independent spectral histogram representations in face recognition. Multimedia Tools and Applications, 2018, 77, 14259-14284.	2.6	2
43	One-class Random Maxout Probabilistic Network for Mobile Touchstroke Authentication. , 2018, , .		3
44	One-factor Cancellable Scheme for Fingerprint Template Protection: Extended Feature Vector (EFV) Hashing. , 2018, , .		13
45	One-factor Cancellable Biometrics based on Indexing-First-Order Hashing for Fingerprint Authentication. , 2018, , .		17
46	Kernel Deep Regression Network for Touch-Stroke Dynamics Authentication. IEEE Signal Processing Letters, 2018, 25, 1109-1113.	2.1	10
47	A Cancellable Ranking Based Hashing Method for Fingerprint Template Protection. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 378-389.	0.2	1
48	Enhanced maximum curvature descriptors for finger vein verification. Multimedia Tools and Applications, 2017, 76, 6859-6887.	2.6	50
49	Unconstrained face verification with a dual-layer block-based metric learning. Multimedia Tools and Applications, 2017, 76, 1703-1719.	2.6	2
50	A Grassmannian Approach to Address View Change Problem in Gait Recognition. IEEE Transactions on Cybernetics, 2017, 47, 1395-1408.	6.2	33
51	Simplified 2DPalmHash code for secure palmprint verification. Multimedia Tools and Applications, 2017, 76, 8373-8398.	2.6	26
52	A new sparse model for traffic sign classification using soft histogram of oriented gradients. Applied Soft Computing Journal, 2017, 52, 231-246.	4.1	23
53	Evolutionary-modified fuzzy nearest-neighbor rule for pattern classification. Expert Systems With Applications, 2017, 88, 258-269.	4.4	9
54	Stacking PCANet +: An Overly Simplified ConvNets Baseline for Face Recognition. IEEE Signal Processing Letters, 2017, 24, 1581-1585.	2.1	33

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55	Face template protection via random permutation maxout transform. , 2017, , .		8
56	Cancellable iris template generation based on Indexing-First-One hashing. Pattern Recognition, 2017, 64, 105-117.	5.1	87
57	Stacking-based deep neural network: Deep analytic network on convolutional spectral histogram features. , 2017, , .		6
58	Multi-fold Gabor filter convolution descriptor for face recognition. , 2016, , .		13
59	DCT based region log-tiedrank covariance matrices for face recognition. , 2016, , .		4
60	Multi-view gait recognition using a doubly-kernel approach on the Grassmann manifold. Neurocomputing, 2016, 216, 534-542.	3.5	6
61	Finger-knuckle-print for identity verification based on difference images. , 2016, , .		6
62	Kernel PCA enabled bit-string representation for minutiae-based cancellable fingerprint template. Pattern Recognition, 2016, 51, 197-208.	5.1	34
63	Image-based handwritten signature verification using hybrid methods of discrete Radon transform, principal component analysis and probabilistic neural network. Applied Soft Computing Journal, 2016, 40, 274-282.	4.1	72
64	A survey on touch dynamics authentication in mobile devices. Computers and Security, 2016, 59, 210-235.	4.0	114
65	Generating Fixed-Length Representation From Minutiae Using Kernel Methods for Fingerprint Authentication. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1415-1428.	5.9	65
66	TDAS: a touch dynamics based multi-factor authentication solution for mobile devices. International Journal of Pervasive Computing and Communications, 2016, 12, 127-153.	1.1	21
67	Range Image Derivatives for GRCM on 2.5D Face Recognition. Lecture Notes in Electrical Engineering, 2016, , 753-763.	0.3	2
68	Biometric cryptosystems: A new biometric key binding and its implementation for fingerprint minutiae-based representation. Pattern Recognition, 2016, 56, 50-62.	5.1	78
69	Weighted Discriminant Analysis and Kernel Ridge Regression Metric Learning for Face Verification. Lecture Notes in Computer Science, 2016, , 401-410.	1.0	0
70	BI-MODAL PALM PRINT AND KNUCKLE PRINT RECOGNITION SYSTEM. Neurology Asia, 2016, 3, 85-106.	0.1	6
71	Recognizing Your Touch. , 2015, , .		9
72	DCTNet: A simple learning-free approach for face recognition. , 2015, , .		38

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73	Construct a new fixed-length binary fingerprint representation using Kernelized Locality-Sensitive Hashing. , 2015, , .		1
74	Orientation range of transposition for vertical correlation suppression of 2DPalmPhasor Code. Multimedia Tools and Applications, 2015, 74, 11683-11701.	2.6	21
75	Small-angle approximation attack on angle-based many-to-one functions for biometric templates. , 2015, , .		0
76	Tensor kernel supervised dictionary learning for face recognition. , 2015, , .		0
77	Alignment-free row-co-occurrence cancelable palmprint Fuzzy Vault. Pattern Recognition, 2015, 48, 2290-2303.	5.1	95
78	Biometric Feature-Type Transformation: Making templates compatible for secret protection. IEEE Signal Processing Magazine, 2015, 32, 77-87.	4.6	33
79	Biometrics Security and Privacy Protection [From the Guest Editors]. IEEE Signal Processing Magazine, 2015, 32, 17-18.	4.6	28
80	A review for gait recognition across view. , 2015, , .		5
81	Object tracking based on an online learning network with total error rate minimization. Pattern Recognition, 2015, 48, 126-139.	5.1	20
82	Locality Regularization Embedding for face verification. Pattern Recognition, 2015, 48, 86-102.	5.1	8
83	Score level fusion approach in dynamic signature verification based on hybrid wavelet-Fourier transform. Security and Communication Networks, 2014, 7, 1067-1078.	1.0	12
84	Identifying Recurrent and Unknown Performance Issues. , 2014, , .		23
85	A single layer feedforward fusion network for face verification. , 2014, , .		1
86	Matching reduction of 2DPalmHash Code. , 2014, , .		3
87	Minutiae set to bit-string conversion using multi-scale bag-of-words paradigm. , 2014, , .		2
88	A security- and privacy-driven hybrid biometric template protection technique. , 2014, , .		4
89	Joint kernel collaborative representation on Tensor manifold for face recognition. , 2014, , .		3
90	A two‐dimensional random projected minutiae vicinity decomposition‐based cancellable fingerprint template. Security and Communication Networks, 2014, 7, 1691-1701.	1.0	15

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91	Integrated biometrics template protection technique based on fingerprint and palmprint feature-level fusion. Information Fusion, 2014, 18, 161-174.	11.7	90
92	A study on distance measures of tensor manifold for face recognition. , 2014, , .		2
93	Non-invertible analysis on Graph-based Hamming Embedding Transform for protecting fingerprint minutiae. , 2014, , .		1
94	A remote cancelable palmprint authentication protocol based on multiâ€directional twoâ€dimensional PalmPhasorâ€fusion. Security and Communication Networks, 2014, 7, 1860-1871.	1.0	52
95	Analysis of correlation of 2DPalmHash Code and orientation range suitable for transposition. Neurocomputing, 2014, 131, 377-387.	3.5	47
96	A non-invertible Randomized Graph-based Hamming Embedding for generating cancelable fingerprint template. Pattern Recognition Letters, 2014, 42, 137-147.	2.6	83
97	A Grassmann graph embedding framework for gait analysis. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.0	7
98	Improved Biohashing Method Based on Most Intensive Histogram Block Location. Lecture Notes in Computer Science, 2014, , 644-652.	1.0	8
99	Biometric Template Binarization. , 2014, , 1-9.		1
100	A Novel Encoding Scheme for Effective Biometric Discretization: Linearly Separable Subcode. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 300-313.	9.7	74
101	Gait recognition using Sparse Grassmannian Locality Preserving Discriminant Analysis. , 2013, , .		3
102	Conjugate 2DPalmHash code for secure palm-print-vein verification. , 2013, , .		59
103	A non-invertible Graph-based Hamming Embedding transform for fingerprint minutiae protection. , 2013, , .		0
104	Orientation Range for Transposition According to the Correlation Analysis of 2DPalmHash Code. , 2013, , .		6
105	Dynamic Detection-Rate-Based Bit Allocation With Genuine Interval Concealment for Binary Biometric Representation. IEEE Transactions on Cybernetics, 2013, 43, 843-857.	6.2	10
106	Biometric cryptosystem based on discretized fingerprint texture descriptors. Expert Systems With Applications, 2013, 40, 1888-1901.	4.4	33
107	An online learning network for biometric scores fusion. Neurocomputing, 2013, 102, 65-77.	3.5	19
108	Enhanced multi-line code for minutiae-based fingerprint template protection. Pattern Recognition Letters, 2013, 34, 1221-1229.	2.6	57

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109	Extreme Learning Machines [Trends & Controversies]. IEEE Intelligent Systems, 2013, 28, 30-59.	4.0	329
110	Argument on biometrics identityâ€based encryption schemes. Security and Communication Networks, 2013, 6, 1344-1352.	1.0	2
111	Multi-instance finger vein recognition using minutiae matching. , 2013, , .		14
112	A challenging gait database for office surveillance. , 2013, , .		3
113	Object tracking based on kernel recursive least-squares with total error rate minimization. , 2013, , .		0
114	A Survey of Keystroke Dynamics Biometrics. Scientific World Journal, The, 2013, 2013, 1-24.	0.8	215
115	Improving keystroke dynamics authentication system via multiple feature fusion scheme. , 2012, , .		10
116	A contactless biometric system using multiple hand features. Journal of Visual Communication and Image Representation, 2012, 23, 1068-1084.	1.7	46
117	On the realization of fuzzy identityâ€based identification scheme using fingerprint biometrics. Security and Communication Networks, 2012, 5, 1312-1324.	1.0	5
118	A secure biometric discretization scheme for face template protection. Future Generation Computer Systems, 2012, 28, 218-231.	4.9	9
119	Fingerprint template protection with minutiae-based bit-string for security and privacy preserving. Expert Systems With Applications, 2012, 39, 6157-6167.	4.4	87
120	Regularized locality preserving discriminant embedding for face recognition. Neurocomputing, 2012, 77, 156-166.	3.5	15
121	An efficient dynamic reliability-dependent bit allocation for biometric discretization. Pattern Recognition, 2012, 45, 1960-1971.	5.1	82
122	An online AUC formulation for binary classification. Pattern Recognition, 2012, 45, 2266-2279.	5.1	13
123	Extraction and fusion of partial face features for cancelable identity verification. Pattern Recognition, 2012, 45, 3288-3303.	5.1	21
124	An Analytic Performance Estimation Framework for Multibit Biometric Discretization Based on Equal-Probable Quantization and Linearly Separable Subcode Encoding. IEEE Transactions on Information Forensics and Security, 2012, 7, 1242-1254.	4.5	6
125	Secure Template Protection in Touch-less Based Fingerprint Verification System. , 2011, , .		0
126	Generating revocable fingerprint template using polar grid based 3-tuple quantization technique. , 2011, , .		10

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127	Fingerprint template protection with Minutia Vicinity Decomposition. , 2011, , .		12
128	A preliminary acclimatization study of a contactless biometrics using palm vein feature. , 2011, , .		7
129	Combining local face image features for identity verification. Neurocomputing, 2011, 74, 2452-2463.	3.5	8
130	Kernel Discriminant Embedding in face recognition. Journal of Visual Communication and Image Representation, 2011, 22, 634-642.	1.7	7
131	Biometric bits extraction through phase quantization based onÂfeature level fusion. Telecommunication Systems, 2011, 47, 255-273.	1.6	2
132	A multiple layer fusion approach on keystroke dynamics. Pattern Analysis and Applications, 2011, 14, 23-36.	3.1	17
133	An effective biometric discretization approach to extract highly discriminative, informative, and privacy-protective binary representation. Eurasip Journal on Advances in Signal Processing, 2011, 2011, .	1.0	3
134	An analysis on equal width quantization and linearly separable subcode encoding-based discretization and its performance resemblances. Eurasip Journal on Advances in Signal Processing, 2011, 2011, .	1.0	6
135	Wavelet local binary patterns fusion as illuminated facial image preprocessing for face verification. Expert Systems With Applications, 2011, 38, 3959-3972.	4.4	17
136	Multimodal biometrics based bit extraction method for template security. , 2011, , .		15
137	Eigenvector Weighting Function in Face Recognition. Discrete Dynamics in Nature and Society, 2011, 2011, 1-15.	0.5	5
138	Personal Recognition Using Multi-angles Gait Sequences. Communications in Computer and Information Science, 2011, , 497-508.	0.4	1
139	Cancellable Face Biometrics System by Combining Independent Component Analysis Coefficients. Lecture Notes in Computer Science, 2011, , 78-87.	1.0	5
140	CANCELABLE BIOMETRICS: MULTIPLE RANDOM PROJECTIONS AND ITS EXTENSIONS. , 2011, , 437-459.		0
141	Keystroke dynamics in password authentication enhancement. Expert Systems With Applications, 2010, 37, 8618-8627.	4.4	36
142	Cancellable biometrics and user-dependent multi-state discretization in BioHash. Pattern Analysis and Applications, 2010, 13, 301-307.	3.1	27
143	An innovative contactless palm print and knuckle print recognition system. Pattern Recognition Letters, 2010, 31, 1708-1719.	2.6	51
144	A secure digital camera based fingerprint verification system. Journal of Visual Communication and Image Representation, 2010, 21, 219-231.	1.7	37

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145	A performance driven methodology for cancelable face templates generation. Pattern Recognition, 2010, 43, 2544-2559.	5.1	19
146	Secure speech template protection in speaker verification system. Speech Communication, 2010, 52, 150-163.	1.6	36
147	An online learning algorithm for biometric scores fusion. , 2010, , .		6
148	Weighted Neighbourhood Preserving Embedding in face recognition. , 2010, , .		0
149	Locating geometrical descriptors for hand biometrics in a contactless environment. , 2010, , .		6
150	Generating revocable fingerprint template using minutiae pair representation. , 2010, , .		9
151	Robust palm print and knuckle print recognition system using a contactless approach. , 2010, , .		19
152	Design and implementation of a contactless palm print and palm vein sensor. , 2010, , .		21
153	A discriminant-based locality preserving embedding in face recognition. , 2010, , .		0
154	Dynamic detection rate-based bit allocation for biometric discretization. , 2010, , .		0
155	Linearly Separable SubCode: A novel output label with high separability for biometric discretization. , 2010, , .		2
156	Direct extraction and fusion of image pixel features for face identity verification. , 2010, , .		2
157	Development of Partial Face Recognition Framework. , 2010, , .		11
158	Design and implementation of a contactless palm vein recognition system. , 2010, , .		9
159	Realizing Hand-Based Biometrics Based on Visible and Infrared Imagery. Lecture Notes in Computer Science, 2010, , 606-615.	1.0	2
160	Secure Dynamic Signature-Crypto Key Computation. , 2010, , 368-384.		0
161	Image hashing enabled technique for biometric template protection. , 2009, , .		3
162	Dynamic Handwritten Signature Verification Based on Statistical Quantization Mechanism. , 2009, , .		9

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163	Fake-fingerprint detection using multiple static features. Optical Engineering, 2009, 48, 047202.	0.5	26
164	Wavelet-based illumination invariant preprocessing in face recognition. Journal of Electronic Imaging, 2009, 18, 023001.	0.5	8
165	Maximum neighborhood margin criterion in face recognition. Optical Engineering, 2009, 48, 047205.	0.5	4
166	Neighbourhood preserving discriminant embedding in face recognition. Journal of Visual Communication and Image Representation, 2009, 20, 532-542.	1.7	37
167	Illuminated facial preprocessing with Wavelet Local Binary Patterns Histogram Specification. , 2009, , .		0
168	Analysis on Supervised Neighborhood Preserving Embedding. IEICE Electronics Express, 2009, 6, 1631-1637.	0.3	2
169	Secure Minutiae-Based Fingerprint Templates Using Random Triangle Hashing. Lecture Notes in Computer Science, 2009, , 521-531.	1.0	24
170	Touch-less palm print biometrics: Novel design and implementation. Image and Vision Computing, 2008, 26, 1551-1560.	2.7	158
171	Cancellable biometrics and annotations on BioHash. Pattern Recognition, 2008, 41, 2034-2044.	5.1	218
172	Supervised Locally Linear Embedding in face recognition. , 2008, , .		6
173	Compatibility of biometric strengthening with probabilistic neural network. , 2008, , .		2
174	Face recognition based on neighbourhood discriminant preserving embedding. , 2008, , .		2
175	Fusion of LSB and DWT Biometric Watermarking for Offline Handwritten Signature. , 2008, , .		15
176	Illuminated face normalization technique by using wavelet fusion and local binary patterns. , 2008, , .		2
177	Secure biometric template protection via randomized dynamic quantization transformation. , 2008, , .		3
178	Typing dynamics biometric authentication through fuzzy logic. , 2008, , .		4
179	Support Vector Machines (SVM)-based biometric watermarking for offline handwritten signature. , 2008, , .		2
180	Projection learning models. , 2008, , .		1

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181	Neighbourhood Discriminant Embedding in face recognition. IEICE Electronics Express, 2008, 5, 1036-1041.	0.3	4
182	Reliable template protection technique for biometric authentication. IEICE Electronics Express, 2008, 5, 278-284.	0.3	3
183	Enhancing P300 Component by Spectral Power Ratio Principal Components for a Single Trial Brain-Computer Interface. American Journal of Applied Sciences, 2008, 5, 639-644.	0.1	14
184	Random Projection with Robust Linear Discriminant Analysis Model in Face Recognition. , 2007, , .		3
185	A Study on Optimal Face Ratio for Recognition Using Part-Based Feature Extractor. , 2007, , .		4
186	2D CLAFIC Subspace Technique in Probabilistic Speaker Verification. , 2007, , .		1
187	Statistical Fusion Approach on Keystroke Dynamics. , 2007, , .		26
188	FuzzyHash: A Secure Biometric Template Protection Technique. , 2007, , .		4
189	Real-time image dynamic range compensation for an optical imaging system. Journal of Electronic Imaging, 2007, 16, 033006.	0.5	5
190	2^N Discretisation of BioPhasor in Cancellable Biometrics. Lecture Notes in Computer Science, 2007, , 435-444.	1.0	38
191	Speaker verification using probabilistic 2D CLAFIC. IEICE Electronics Express, 2007, 4, 179-184.	0.3	0
192	Secure biometric template protection in fuzzy commitment scheme. IEICE Electronics Express, 2007, 4, 724-730.	0.3	61
193	Robust Identity Verification Based on Infrared Face Images. , 2007, , .		0
194	Fuzzy Key Extraction from Fingerprint Biometrics based on Dynamic Quantization Mechanism. , 2007, , .		0
195	Personalized biometric key using fingerprint biometrics. Information Management and Computer Security, 2007, 15, 313-328.	1.2	7
196	Cancelable Biometrics Realization With Multispace Random Projections. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1096-1106.	5.5	138
197	Fuzzy Key Extraction from Fingerprint Biometrics based on Dynamic Quantization Mechanism. , 2007, , .		4
198	Offline Signature Verification through Biometric Strengthening. , 2007, , .		6

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199	Touch-less Fingerprint Recognition System. , 2007, , .		27
200	A study on partial face recognition of eye region. , 2007, , .		2
201	Digital camera based fingerprint recognition. , 2007, , .		14
202	A preliminary study on biometric watermarking for offline handwritten signature. , 2007, , .		12
203	Two-Factor Cancelable Biometrics Authenticator. Journal of Computer Science and Technology, 2007, 22, 54-59.	0.9	1
204	Biometric hash: high-confidence face recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 771-775.	5.6	95
205	Random Multispace Quantization as an Analytic Mechanism for BioHashing of Biometric and Random Identity Inputs. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 1892-1901.	9.7	424
206	Preprocessing of Fingerprint Images Captured with a Digital Camera. , 2006, , .		25
207	Biophasor: Token Supplemented Cancellable Biometrics. , 2006, , .		44
208	Replaceable and securely hashed keys from online signatures. IEICE Electronics Express, 2006, 3, 410-416.	0.3	25
209	Remarks on BioHash and its mathematical foundation. Information Processing Letters, 2006, 100, 145-150.	0.4	24
210	High security Iris verification system based on random secret integration. Computer Vision and Image Understanding, 2006, 102, 169-177.	3.0	117
211	Remarks on BioHashing based cancelable biometrics in verification system. Neurocomputing, 2006, 69, 2461-2464.	3.5	12
212	A Novel Key Release Scheme from Biometrics. Lecture Notes in Computer Science, 2006, , 764-765.	1.0	1
213	Multi-space random mapping for speaker identification. IEICE Electronics Express, 2005, 2, 226-231.	0.3	2
214	An automated palmprint recognition system. Image and Vision Computing, 2005, 23, 501-515.	2.7	239
215	PalmHashing: a novel approach for cancelable biometrics. Information Processing Letters, 2005, 93, 1-5.	0.4	188
216	Cancellable biometerics featuring with tokenised random number. Pattern Recognition Letters, 2005, 26, 1454-1460.	2.6	63

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218	Iris Authentication Using Privatized Advanced Correlation Filter. Lecture Notes in Computer Science, 2005, , 382-388.	1.0	30
219	Recognition using robust bit extraction. Journal of Electronic Imaging, 2005, 14, 043016.	0.5	1
220	A Robust Face Recognition System. Lecture Notes in Computer Science, 2005, , 1217-1220.	1.0	0
221	PalmHashing: a novel approach for dual-factor authentication. Pattern Analysis and Applications, 2004, 7, 255-268.	3.1	91
222	Personalised cryptographic key generation based on FaceHashing. Computers and Security, 2004, 23, 606-614.	4.0	123
223	Biohashing: two factor authentication featuring fingerprint data and tokenised random number. Pattern Recognition, 2004, 37, 2245-2255.	5.1	635
224	An efficient fingerprint verification system using integrated wavelet and Fourier–Mellin invariant transform. Image and Vision Computing, 2004, 22, 503-513.	2.7	79
225	An Internet based speech biometric verification system. , 0, , .		1
226	Eye detection using hybrid rule based approach and contour mapping. , 0, , .		3
227	Palmprint authentication with Zernike moment invariants. , 0, , .		9
228	Sorted locally confined non-negative matrix factorization in face verification. , 0, , .		2
229	Cryptographic Keys from Dynamic Hand-Signatures with Biometric Secrecy Preservation and Replaceability. , 0, , .		11
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