Kevin W Bowyer

List of Publications by Year
in descending order

243 papers	12,596 citations	61857 43 h-index	31759 101 g-index

253 all docs	253 docs citations	253 times ranked	5894 citing authors

#	Article	IF	Citations
1	Gendered Differences in Face Recognition Accuracy Explained by Hairstyles, Makeup, and Facial Morphology. IEEE Transactions on Information Forensics and Security, 2022, 17, 127-137.	4.5	20
2	Fair Face Verification by Using Non-Sensitive Soft-Biometric Attributes. IEEE Access, 2022, 10, 30168-30179.	2.6	0
3	Interpretable Deep Learning-Based Forensic Iris Segmentation and Recognition. , 2022, , .		3
4	Human-Aided Saliency Maps Improve Generalization of Deep Learning. , 2022, , .		4
5	Analysis of Manual and Automated Skin Tone Assignments. , 2022, , .		3
6	Iris Recognition Using Low-Level CNN Layers Without Training and Single Matching. IEEE Access, 2022, 10, 41276-41286.	2.6	5
7	Robust Iris Presentation Attack Detection Fusing 2D and 3D Information. IEEE Transactions on Information Forensics and Security, 2021, 16, 510-520.	4.5	21
8	State of the Transactions on Biometrics, Behavior, and Identity Science. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 1-3.	3.8	0
9	Two-Level Genetic Algorithm for Evolving Convolutional Neural Networks for Pattern Recognition. IEEE Access, 2021, 9, 126856-126872.	2.6	9
10	Does Face Recognition Error Echo Gender Classification Error?. , 2021, , .		4
11	Transformation-Aware Embeddings for Image Provenance. IEEE Transactions on Information Forensics and Security, 2021, 16, 2493-2507.	4.5	8
12	Fast Local Spatial Verification for Feature-Agnostic Large-Scale Image Retrieval. IEEE Transactions on Image Processing, 2021, 30, 6892-6905.	6.0	9
13	A Study of the Human Perception of Synthetic Faces. , 2021, , .		9
14	Iris presentation attack detection: Where are we now?. Pattern Recognition Letters, 2020, 138, 483-489.	2.6	15
15	The â€œCriminality From Faceâ€•Illusion. IEEE Transactions on Technology and Society, 2020, 1, 175-183.	2.4	13
16	On Hallucinating Context and Background Pixels from a Face Mask using Multi-scale GANs. , 2020, , .		12
17	Post-Mortem Iris Recognitionâ€”A Survey and Assessment of the State of the Art. IEEE Access, 2020, 8, 136570-136593.	2.6	16
18	A Method for Curation of Web-Scraped Face Image Datasets. , 2020, , .		4

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19	A 3D Iris Scanner From a Single Image Using Convolutional Neural Networks. IEEE Access, 2020, 8, 98584-98599.	2.6	15
20	Does Face Recognition Accuracy Get Better With Age? Deep Face Matchers Say No. , 2020, , .		19
21	Analysis of Gender Inequality In Face Recognition Accuracy. , 2020, , .		43
22	Issues Related to Face Recognition Accuracy Varying Based on Race and Skin Tone. IEEE Transactions on Technology and Society, 2020, 1, 8-20.	2.4	72
23	How Does Gender Balance In Training Data Affect Face Recognition Accuracy?. , 2020, , .		23
24	3D Iris Recognition using Spin Images. , 2020, , .		3
25	Are Gabor Kernels Optimal for Iris Recognition?. , 2020, , .		2
26	Iris Liveness Detection Competition (LivDet-Iris) - The 2020 Edition. , 2020, , .		21
27	Presentation Attack Detection for Iris Recognition. ACM Computing Surveys, 2019, 51, 1-35.	16.1	63
28	Phacoemulsification Cataract Surgery Affects the Discriminative Capacity of Iris Pattern Recognition. Scientific Reports, 2019, 9, 11139.	1.6	4
29	Why face recognition accuracy varies due to race. Biometric Technology Today, 2019, 2019, 8-11.	0.7	8
30	A 3D Iris Scanner From Multiple 2D Visible Light Images. IEEE Access, 2019, 7, 61461-61472.	2.6	7
31	Performance of Humans in Iris Recognition: The Impact of Iris Condition and Annotation-Driven Verification. , 2019, , .		8
32	Domain-Specific Human-Inspired Binarized Statistical Image Features for Iris Recognition. , 2019, , .		24
33	Iris Presentation Attack Detection Based on Photometric Stereo Features. , 2019, , .		10
34	Fast Face Image Synthesis With Minimal Training. , 2019, , .		7
35	Beyond Pixels: Image Provenance Analysis Leveraging Metadata. , 2019, , .		18
36	Iris Recognition: Comparing Visible-Light Lateral and Frontal Illumination to NIR Frontal Illumination. , 2019, , .		7

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37	Predicting Gender From Iris Texture May Be Harder Than It Seems. , 2019, , .		9
38	Review of Iris Presentation Attack Detection Competitions. Advances in Computer Vision and Pattern Recognition, 2019, , 169-183.	0.9	11
39	Characterizing the Variability in Face Recognition Accuracy Relative to Race. , 2019, , .		5
40	Deep Learning-Based Feature Extraction in Iris Recognition: Use Existing Models, Fine-tune or Train From Scratch?. , 2019, , .		20
41	Iris Recognition with Image Segmentation Employing Retrained Off-the-Shelf Deep Neural Networks. , 2019, , .		16
42	Ensemble of Multi-View Learning Classifiers for Cross-Domain Iris Presentation Attack Detection. IEEE Transactions on Information Forensics and Security, 2019, 14, 1419-1431.	4.5	47
43	Found a good match: Should I keep searching? â€" Accuracy and performance in iris matching using 1-to-First search. Image and Vision Computing, 2018, 73, 17-27.	2.7	2
44	Analysis of diurnal changes in pupil dilation and eyelid aperture. IET Biometrics, 2018, 7, 136-144.	1.6	2
45	Image Provenance Analysis at Scale. IEEE Transactions on Image Processing, 2018, 27, 6109-6123.	6.0	35
46	Face Recognition Using Sparse Fingerprint Classification Algorithm. IEEE Transactions on Information Forensics and Security, 2017, 12, 1646-1657.	4.5	31
47	Recognition of Image-Orientation-Based Iris Spoofing. IEEE Transactions on Information Forensics and Security, 2017, 12, 2184-2196.	4.5	28
48	Gender-from-Iris or Gender-from-Mascara?. , 2017, , .		28
49	Lessons from collecting a million biometric samples. Image and Vision Computing, 2017, 58, 96-107.	2.7	6
50	SREFI: Synthesis of realistic example face images. , 2017, , .		18
51	Synthetic minority image over-sampling technique: How to improve AUC for glioblastoma patient survival prediction. , 2017, , .		14
52	Spotting the difference: Context retrieval and analysis for improved forgery detection and localization. , 2017, , .		5
53	A method for 3D iris reconstruction from multiple 2D near-infrared images. , 2017, , .		9
54	Demography-based facial retouching detection using subclass supervised sparse autoencoder. , 2017, , .		16

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55	LivDet iris 2017 â€" Iris liveness detection competition 2017. , 2017, , .		62
56	An analysis of 1-to-first matching in iris recognition. , 2016, , .		1
57	On accuracy estimation and comparison of results in biometric research. , 2016, , .		1
58	Biometric identification of identical twins: A survey. , 2016, , .		11
59	Pitfalls in studying â€œbig dataâ€•from operational scenarios. , 2016, , .		2
60	Template aging in 3D and 2D face recognition. , 2016, , .		10
61	Gender Classification From the Same Iris Code Used for Recognition. IEEE Transactions on Information Forensics and Security, 2016, 11, 1760-1770.	4.5	76
62	Detecting Facial Retouching Using Supervised Deep Learning. IEEE Transactions on Information Forensics and Security, 2016, 11, 1903-1913.	4.5	90
63	Introduction to the Handbook of Iris Recognition. Advances in Computer Vision and Pattern Recognition, 2016, , 1-22.	0.9	2
64	A Survey of Iris Biometrics Research: 2008â€“2010. Advances in Computer Vision and Pattern Recognition, 2016, , 23-61.	0.9	8
65	Dilation-aware enrolment for iris recognition. IET Biometrics, 2016, 5, 92-99.	1.6	9
66	Near-IR to visible light face matching: Effectiveness of pre-processing options for commercial matchers. , 2015, , .		14
67	Gender Classification from Iris Images Using Fusion of Uniform Local Binary Patterns. Lecture Notes in Computer Science, 2015, , 751-763.	1.0	22
68	Face recognition under pose variation with local Gabor features enhanced by Active Shape and Statistical Models. Pattern Recognition, 2015, 48, 3371-3384.	5.1	44
69	Strong, Neutral, or Weak: Exploring the Impostor Score Distribution. IEEE Transactions on Information Forensics and Security, 2015, 10, 1207-1220.	4.5	3
70	Exploratory analysis of an operational iris recognition dataset from a CBSA border-crossing application. , 2015, , .		5
71	IEEE Access Special Section Editorial: Applying Four Dâ€™S of Machine Learning to Advance Biometrics. IEEE Access, 2015, 3, 3083-3084.	2.6	0
72	Statistical evaluation of up-to-three-attempt iris recognition. , 2015, , .		1

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73	Critical examination of the IREX VI results. IET Biometrics, 2015, 4, 192-199.	1.6	12
74	Trial Somaliland voting register de-duplication using iris recognition. , 2015, , .		8
75	Location matters: A study of the effects of environment on facial recognition for biometric security. , 2015, , .		1
76	Automatic facial attribute analysis via adaptive sparse representation of random patches. Pattern Recognition Letters, 2015, 68, 260-269.	2.6	30
77	Face recognition under pose variation with active shape model to adjust Gabor filter kernels and to correct feature extraction location. , 2015, , .		4
78	Iris recognition technology evaluated for voter registration in Somaliland. Biometric Technology Today, 2015, 2015, 5-8.	0.7	6
79	Iris recognition: does template ageing really exist?. Biometric Technology Today, 2015, 2015, 5-8.	0.7	1
80	Statistical analysis of multiple presentation attempts in iris recognition. , 2015, , .		0
81	Lessons from collecting a million biometric samples. , 2015, , .		1
82	Robust Detection of Textured Contact Lenses in Iris Recognition Using BSIF. IEEE Access, 2015, 3, 1672-1683.	2.6	74
83	Recognition of Facial Attributes Using Adaptive Sparse Representations of Random Patches. Lecture Notes in Computer Science, 2015, , 778-792.	1.0	6
84	Face recognition via adaptive sparse representations of random patches. , 2014, , .		7
85	An optimal strategy for dilation based iris image enrollment. , 2014, , .		4
86	Metadata-based understanding of impostor pair score variations. , 2014, , .		0
87	Automated Poststorm Damage Classification of Low-Rise Building Roofing Systems Using High-Resolution Aerial Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3851-3861.	2.7	14
88	The effectiveness of face detection algorithms in unconstrained crowd scenes. , 2014, , .		6
89	LivDet-iris 2013 - Iris Liveness Detection Competition 2013. , 2014, , .		42
90	Framework for Active Clustering With Ensembles. IEEE Transactions on Information Forensics and Security, 2014, 9, 1986-2001.	4.5	6

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91	Cosmetic Contact Lenses and Iris Recognition Spoofing. Computer, 2014, 47, 96-98.	1.2	28
92	Active Clustering with Ensembles for Social structure extraction. , 2014, , .		16
93	Unraveling the Effect of Textured Contact Lenses on Iris Recognition. IEEE Transactions on Information Forensics and Security, 2014, 9, 851-862.	4.5	118
94	Double Trouble: Differentiating Identical Twins by Face Recognition. IEEE Transactions on Information Forensics and Security, 2014, 9, 285-295.	4.5	30
95	Pose-Robust Recognition of Low-Resolution Face Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 3037-3049.	9.7	92
96	Eyebrow segmentation using active shape models. , 2013, , .		2
97	Effects of mascara on iris recognition. , 2013, , .		3
98	Variation in accuracy of textured contact lens detection based on sensor and lens pattern. , 2013, , .		36
99	The impact of diffuse illumination on iris recognition. , 2013, , .		4
100	Identity verification using iris images: Performance of human examiners. , 2013, , .		9
101	Similarity of iris texture between siblings. , 2013, , .		0
102	The challenge of face recognition from digital point-and-shoot cameras. , 2013, , .		135
103	Effects of iris surface curvature on iris recognition. , 2013, , .		6
104	Automated classification of contact lens type in iris images. , 2013, , .		28
105	A linear regression analysis of the effects of age related pupil dilation change in iris biometrics. , 2013, , .		13
106	SNoW: Understanding the causes of strong, neutral, and weak face impostor pairs. , 2013, , .		3
107	The prediction of old and young subjects from iris texture. , 2013, , .		23
108	A Survey of Iris Biometrics Research: 2008â€“2010. Advances in Computer Vision and Pattern Recognition, 2013, , 15-54.	0.9	84

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109	Detection of Contact-Lens-Based Iris Biometric Spoofs Using Stereo Imaging. , 2013, , .		25
110	Template Aging Phenomenon in Iris Recognition. IEEE Access, 2013, 1, 266-274.	2.6	23
111	Introduction to the Handbook of Iris Recognition. , 2013, , 1-14.		3
112	Template Aging in Iris Biometrics. Advances in Computer Vision and Pattern Recognition, 2013, , 205-218.	0.9	12
113	Fusion of Face and Iris Biometrics. Advances in Computer Vision and Pattern Recognition, 2013, , 219-237.	0.9	27
114	FACE RECOGNITION FROM VIDEO: A REVIEW. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1266002.	0.7	87
115	Multidimensional Scaling for Matching Low-Resolution Face Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 2019-2030.	9.7	100
116	Analysis of template aging in iris biometrics. , 2012, , .		39
117	Predicting good, bad and ugly match Pairs. , 2012, , .		9
118	Color balancing for change detection in multitemporal images. , 2012, , .		8
119	Synthetic eye images for pupil dilation mitigation. , 2012, , .		2
120	Effects of dominance and laterality on iris recognition. , 2012, , .		2
121	A sparse representation approach to face matching across plastic surgery. , 2012, , .		32
122	Fast robust perspective transform estimation for automatic image registration in disaster response applications. , 2012, , .		4
123	The results of the NICE.II Iris biometrics competition. Pattern Recognition Letters, 2012, 33, 965-969.	2.6	54
124	Human and Machine Performance on Periocular Biometrics Under Near-Infrared Light and Visible Light. IEEE Transactions on Information Forensics and Security, 2012, 7, 588-601.	4.5	68
125	A Multialgorithm Analysis of Three Iris Biometric Sensors. IEEE Transactions on Information Forensics and Security, 2012, 7, 919-931.	4.5	32
126	Twins 3D face recognition challenge. , 2011, , .		43

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127	3D Twins and Expression Challenge. , 2011, , .		10
128	Experimental evidence of a template aging effect in iris biometrics. , 2011, , .		51
129	A cross-sensor evaluation of three commercial iris cameras for iris biometrics. , 2011, , .		17
130	Dilation aware multi-image enrollment for iris biometrics. , 2011, , .		8
131	A study of face recognition of identical twins by humans. , 2011, , .		32
132	Distinguishing identical twins by face recognition. , 2011, , .		64
133	Predicting ethnicity and gender from iris texture. , 2011, , .		64
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135	What Surprises Do Identical Twins Have for Identity Science?. Computer, 2011, 44, 100-102.	1.2	4
136	Useful features for human verification in near-infrared periocular images. Image and Vision Computing, 2011, 29, 707-715.	2.7	9
137	Genetically identical irises have texture similarity that is not detected by iris biometrics. Computer Vision and Image Understanding, 2011, 115, 1493-1502.	3.0	26
138	Detecting and ordering salient regions. Data Mining and Knowledge Discovery, 2011, 22, 259-290.	2.4	0
139	Detecting questionable observers using face track clustering. , 2011, , .		8
140	Predicting performance of face recognition systems: An image characterization approach. , 2011, , .		20
141	Aspects of iris image and iris match pair quality. Proceedings of SPIE, 2010, , .	0.8	0
142	Introduction to the Special Issue on Recent Advances in Biometrics. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 434-436.	3.4	5
143	Degradation of iris recognition performance due to non-cosmetic prescription contact lenses. Computer Vision and Image Understanding, 2010, 114, 1030-1044.	3.0	68
144	Multidimensional scaling for matching low-resolution facial images. , 2010, , .		18

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145	FRVT 2006 and ICE 2006 Large-Scale Experimental Results. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 831-846.	9.7	383
146	Human versus biometric detection of texture similarity in left and right irises. , 2010, , .		7
147	Similarity of iris texture between identical twins. , 2010, , .		27
148	Human perceptual categorization of iris texture patterns. , 2010, , .		9
149	Identifying useful features for recognition in near-infrared periocular images. , 2010, , .		39
150	Contact lenses: Handle with care for iris recognition. , 2009, , .		13
151	Factors that degrade the match distribution in iris biometrics. Identity in the Information Society, 2009, 2, 327-343.	0.8	49
152	Pupil dilation degrades iris biometric performance. Computer Vision and Image Understanding, 2009, 113, 150-157.	3.0	111
153	Using fragile bit coincidence to improve iris recognition. , 2009, , .		11
154	Iris Recognition Using Signal-Level Fusion of Frames From Video. IEEE Transactions on Information Forensics and Security, 2009, 4, 837-848.	4.5	62
155	The Best Bits in an Iris Code. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 964-973.	9.7	208
156	Introduction to the Special Section of Best Papers From the 2007 Biometrics: Theory, Applications, and Systems Conference. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 2-3.	3.4	2
157	Recent research results in iris biometrics. Proceedings of SPIE, 2009, , .	0.8	6
158	Ensemble training to improve recognition using 2D ear. Proceedings of SPIE, 2009, , .	0.8	2
159	Empirical Evidence for Correct Iris Match Score Degradation with Increased Time-Lapse between Gallery and Probe Matches. Lecture Notes in Computer Science, 2009, , 1170-1179.	1.0	43
160	Overview of the Multiple Biometrics Grand Challenge. Lecture Notes in Computer Science, 2009, , 705-714.	1.0	102
161	Using multi-instance enrollment to improve performance of 3D face recognition. Computer Vision and Image Understanding, 2008, 112, 114-125.	3.0	34
162	Image understanding for iris biometrics: A survey. Computer Vision and Image Understanding, 2008, 110, 281-307.	3.0	727

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163	Using classifier ensembles to label spatially disjoint data. Information Fusion, 2008, 9, 120-133.	11.7	10
164	Rotated Profile Signatures for robust 3D feature detection. , 2008, , .		43
165	A Region Ensemble for 3-D Face Recognition. IEEE Transactions on Information Forensics and Security, 2008, 3, 62-73.	4.5	208
166	Profile Face Detection: A Subset Multi-Biometric Approach. , 2008, , .		5
167	Multi-Factor Approach to Improving Recognition Performance in Surveillance-Quality Video. , 2008, , .		3
168	The Importance of Small Pupils: A Study of How Pupil Dilation Affects Iris Biometrics. , 2008, , .		15
169	The Iris Challenge Evaluation 2005. , 2008, , .		80
170	Detection of Iris Texture Distortions By Analyzing Iris Code Matching Results. , 2008, , .		15
171	Detecting and ordering salient regions for efficient browsing. , 2008, , .		2
172	Semi-supervised learning on large complex simulations. , 2008, , .		6
173	All Iris Filters are Not Created Equal. , 2008, , .		3
174	3D Face Recognition. , 2008, , 211-229.		5
175	Multibiometrics Using Face and Ear. , 2008, , 315-333.		5
176	Strategies for Improving Face Recognition from Video. , 2008, , 339-361.		5
177	Multi-Modal Biometrics Involving the Human Ear. , 2007, , .		6
178	Multi-frame Approaches To Improve Face Recognition. , 2007, , .		12
179	Biometric Recognition Using 3D Ear Shape. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1297-1308.	9.7	403
180	Comments on the CASIA version 1.0 Iris Data Set. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1869-1870.	9.7	73

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181	A Comparison of Decision Tree Ensemble Creation Techniques. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 173-180.	9.7	353
182	Learning to predict gender from iris images. , 2007, , .		77
183	All Iris Code Bits are Not Created Equal. , 2007, , .		24
184	Using a Multi-Instance Enrollment Representation to Improve 3D Face Recognition. , 2007, , .		47
185	A fast algorithm for ICP-based 3D shape biometrics. Computer Vision and Image Understanding, 2007, 107, 195-202.	3.0	54
186	Learning to Predict Salient Regions from Disjoint and Skewed Training Sets. , 2006, , .		3
187	Multiple Nose Region Matching for 3D Face Recognition under Varying Facial Expression. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 1695-1700.	9.7	383
188	Face Recognition Using 2-D, 3-D, and Infrared: Is Multimodal Better Than Multisample?. Proceedings of the IEEE, 2006, 94, 2000-2012.	16.4	26
189	A survey of approaches and challenges in 3D and multi-modal 3D+2D face recognition. Computer Vision and Image Understanding, 2006, 101, 1-15.	3.0	817
190	Cross sensor 3D face recognition performance. , 2006, 6202, 620201.		4
191	An Automatic 3D Ear Recognition System. , 2006, , .		29
192	3D Face Recognition with Region Committee Voting. , 2006, , .		22
193	ICP-based approaches for 3D ear recognition. , 2005, , .		29
194	Ensemble diversity measures and their application to thinning. Information Fusion, 2005, 6, 49-62.	11.7	187
195	Improved range image segmentation by analyzing surface fit patterns. Computer Vision and Image Understanding, 2005, 97, 242-258.	3.0	14
196	IR and visible light face recognition. Computer Vision and Image Understanding, 2005, 99, 332-358.	3.0	157
197	The humanID gait challenge problem: data sets, performance, and analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 162-177.	9.7	969
198	Ensembles of Classifiers from Spatially Disjoint Data. Lecture Notes in Computer Science, 2005, , 196-205.	1.0	11

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199	An evaluation of multimodal 2D+3D face biometrics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 619-624.	9.7	443
200	Effects on facial expression in 3D face recognition. , 2005, , .		33
201	A Comparison of Ensemble Creation Techniques. Lecture Notes in Computer Science, 2004, , 223-232.	1.0	34
202	Comments on â€œA Parallel Mixture of SVMs for Very Large Scale Problemsâ€• Neural Computation, 2004, 16, 1345-1351.	1.3	7
203	Automated performance evaluation of range image segmentation algorithms. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 263-271.	5.5	41
204	<title>Evaluation of multimodal biometrics using appearance, shape, and temperature</title>. , 2004, , .		1
205	<title>A new approach to nonfrontal face recognition</title>. , 2004, , .		0
206	Distributed learning with bagging-like performance. Pattern Recognition Letters, 2003, 24, 455-471.	2.6	45
207	Comparison and combination of ear and face images in appearance-based biometrics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 1160-1165.	9.7	480
208	Assessment of Time Dependency in Face Recognition: An Initial Study. Lecture Notes in Computer Science, 2003, , 44-51.	1.0	99
209	A New Ensemble Diversity Measure Applied to Thinning Ensembles. Lecture Notes in Computer Science, 2003, , 306-316.	1.0	52
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211	Automated Performance Evaluation of Range Image Segmentation Algorithms. Series in Machine Perception and Artificial Intelligence, 2002, , 1-22.	0.1	1
212	Edge Detector Evaluation Using Empirical ROC Curves. Computer Vision and Image Understanding, 2001, 84, 77-103.	3.0	189
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214	Mentoring undergraduates in computer vision research. IEEE Transactions on Education, 2001, 44, 252-257.	2.0	6
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218	Function from visual analysis and physical interaction: a methodology for recognition of generic classes of objects. Image and Vision Computing, 1998, 16, 745-763.	2.7	21
219	Combination of multiple classifiers using local accuracy estimates. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1997, 19, 405-410.	9.7	795
220	An experimental comparison of range image segmentation algorithms. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1996, 18, 673-689.	9.7	673
221	Aspect graphs and their use in object recognition. Annals of Mathematics and Artificial Intelligence, 1995, 13, 347-375.	0.9	5
222	Generic Recognition of Articulated Objects through Reasoning about Potential Function. Computer Vision and Image Understanding, 1995, 62, 177-193.	3.0	25
223	Extracting a valid boundary representation from a segmented range image. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1995, 17, 920-924.	9.7	31
224	FUNCTION-BASED OBJECT RECOGNITION. Series in Machine Perception and Artificial Intelligence, 1995, , 272-288.	0.1	0
225	Function-Based Generic Recognition for Multiple Object Categories. CVGIP Image Understanding, 1994, 59, 1-21.	1.3	42
226	GRUFF-3: Generalizing the domain of a function-based recognition system. Pattern Recognition, 1994, 27, 1743-1766.	5.1	23
227	Comparative Evaluation of Pattern Recognition Techniques for Detection of Microcalcifications in Mammography. Series in Machine Perception and Artificial Intelligence, 1994, , 213-231.	0.1	9
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