

Kevin W Bowyer

List of Publications by Year in descending order

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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	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
2	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
3	Combination of multiple classifiers using local accuracy estimates. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1997, 19, 405-410.	9.7	795
4	Image understanding for iris biometrics: A survey. Computer Vision and Image Understanding, 2008, 110, 281-307.	3.0	727
5	An experimental comparison of range image segmentation algorithms. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1996, 18, 673-689.	9.7	673
6	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
7	An evaluation of multimodal 2D+3D face biometrics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 619-624.	9.7	443
8	Biometric Recognition Using 3D Ear Shape. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1297-1308.	9.7	403
9	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
10	FRVT 2006 and ICE 2006 Large-Scale Experimental Results. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 831-846.	9.7	383
11	A Comparison of Decision Tree Ensemble Creation Techniques. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 173-180.	9.7	353
12	A Region Ensemble for 3-D Face Recognition. IEEE Transactions on Information Forensics and Security, 2008, 3, 62-73.	4.5	208
13	The Best Bits in an Iris Code. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 964-973.	9.7	208
14	Edge Detector Evaluation Using Empirical ROC Curves. Computer Vision and Image Understanding, 2001, 84, 77-103.	3.0	189
15	Ensemble diversity measures and their application to thinning. Information Fusion, 2005, 6, 49-62.	11.7	187
16	IR and visible light face recognition. Computer Vision and Image Understanding, 2005, 99, 332-358.	3.0	157
17	The challenge of face recognition from digital point-and-shoot cameras. , 2013, , .		135
18	COMPARATIVE EVALUATION OF PATTERN RECOGNITION TECHNIQUES FOR DETECTION OF MICROCALCIFICATIONS IN MAMMOGRAPHY. International Journal of Pattern Recognition and Artificial Intelligence, 1993, 07, 1417-1436.	0.7	131

#	ARTICLE	IF	CITATIONS
19	Unraveling the Effect of Textured Contact Lenses on Iris Recognition. IEEE Transactions on Information Forensics and Security, 2014, 9, 851-862.	4.5	118
20	Pupil dilation degrades iris biometric performance. Computer Vision and Image Understanding, 2009, 113, 150-157.	3.0	111
21	Overview of the Multiple Biometrics Grand Challenge. Lecture Notes in Computer Science, 2009, , 705-714.	1.0	102
22	Multidimensional Scaling for Matching Low-Resolution Face Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 2019-2030.	9.7	100
23	Assessment of Time Dependency in Face Recognition: An Initial Study. Lecture Notes in Computer Science, 2003, , 44-51.	1.0	99
24	Aspect graphs: An introduction and survey of recent results. International Journal of Imaging Systems and Technology, 1990, 2, 315-328.	2.7	93
25	Pose-Robust Recognition of Low-Resolution Face Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 3037-3049.	9.7	92
26	Detecting Facial Retouching Using Supervised Deep Learning. IEEE Transactions on Information Forensics and Security, 2016, 11, 1903-1913.	4.5	90
27	FACE RECOGNITION FROM VIDEO: A REVIEW. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1266002.	0.7	87
28	A Survey of Iris Biometrics Research: 2008â€“2010. Advances in Computer Vision and Pattern Recognition, 2013, , 15-54.	0.9	84
29	The Iris Challenge Evaluation 2005. , 2008, , .		80
30	Learning to predict gender from iris images. , 2007, , .		77
31	Gender Classification From the Same Iris Code Used for Recognition. IEEE Transactions on Information Forensics and Security, 2016, 11, 1760-1770.	4.5	76
32	Comparison of Edge Detector Performance through Use in an Object Recognition Task. Computer Vision and Image Understanding, 2001, 84, 160-178.	3.0	74
33	Robust Detection of Textured Contact Lenses in Iris Recognition Using BSIF. IEEE Access, 2015, 3, 1672-1683.	2.6	74
34	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
35	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
36	Improved Iris Recognition through Fusion of Hamming Distance and Fragile Bit Distance. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 2465-2476.	9.7	71

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37	Degradation of iris recognition performance due to non-cosmetic prescription contact lenses. Computer Vision and Image Understanding, 2010, 114, 1030-1044.	3.0	68
38	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
39	Distinguishing identical twins by face recognition. , 2011, , .		64
40	Predicting ethnicity and gender from iris texture. , 2011, , .		64
41	Presentation Attack Detection for Iris Recognition. ACM Computing Surveys, 2019, 51, 1-35.	16.1	63
42	Iris Recognition Using Signal-Level Fusion of Frames From Video. IEEE Transactions on Information Forensics and Security, 2009, 4, 837-848.	4.5	62
43	LivDet iris 2017 " Iris liveness detection competition 2017. , 2017, , .		62
44	A fast algorithm for ICP-based 3D shape biometrics. Computer Vision and Image Understanding, 2007, 107, 195-202.	3.0	54
45	The results of the NICE.II Iris biometrics competition. Pattern Recognition Letters, 2012, 33, 965-969.	2.6	54
46	A New Ensemble Diversity Measure Applied to Thinning Ensembles. Lecture Notes in Computer Science, 2003, , 306-316.	1.0	52
47	Experimental evidence of a template aging effect in iris biometrics. , 2011, , .		51
48	Factors that degrade the match distribution in iris biometrics. Identity in the Information Society, 2009, 2, 327-343.	0.8	49
49	Using a Multi-Instance Enrollment Representation to Improve 3D Face Recognition. , 2007, , .		47
50	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
51	Distributed learning with bagging-like performance. Pattern Recognition Letters, 2003, 24, 455-471.	2.6	45
52	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
53	Rotated Profile Signatures for robust 3D feature detection. , 2008, , .		43
54	Twins 3D face recognition challenge. , 2011, , .		43

#	ARTICLE	IF	CITATIONS
55	Analysis of Gender Inequality In Face Recognition Accuracy. , 2020, , .		43
56	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
57	Function-Based Generic Recognition for Multiple Object Categories. CVGIP Image Understanding, 1994, 59, 1-21.	1.3	42
58	LivDet-iris 2013 - Iris Liveness Detection Competition 2013. , 2014, , .		42
59	Automated performance evaluation of range image segmentation algorithms. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 263-271.	5.5	41
60	Identifying useful features for recognition in near-infrared periocular images. , 2010, , .		39
61	Analysis of template aging in iris biometrics. , 2012, , .		39
62	Variation in accuracy of textured contact lens detection based on sensor and lens pattern. , 2013, , .		36
63	Image Provenance Analysis at Scale. IEEE Transactions on Image Processing, 2018, 27, 6109-6123.	6.0	35
64	A Comparison of Ensemble Creation Techniques. Lecture Notes in Computer Science, 2004, , 223-232.	1.0	34
65	Using multi-instance enrollment to improve performance of 3D face recognition. Computer Vision and Image Understanding, 2008, 112, 114-125.	3.0	34
66	Computing the perspective projection aspect graph of solids of revolution. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1993, 15, 109-128.	9.7	33
67	Effects on facial expression in 3D face recognition. , 2005, , .		33
68	A study of face recognition of identical twins by humans. , 2011, , .		32
69	A sparse representation approach to face matching across plastic surgery. , 2012, , .		32
70	A Multialgorithm Analysis of Three Iris Biometric Sensors. IEEE Transactions on Information Forensics and Security, 2012, 7, 919-931.	4.5	32
71	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
72	Face Recognition Using Sparse Fingerprint Classification Algorithm. IEEE Transactions on Information Forensics and Security, 2017, 12, 1646-1657.	4.5	31

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73	Double Trouble: Differentiating Identical Twins by Face Recognition. IEEE Transactions on Information Forensics and Security, 2014, 9, 285-295.	4.5	30
74	Automatic facial attribute analysis via adaptive sparse representation of random patches. Pattern Recognition Letters, 2015, 68, 260-269.	2.6	30
75	Validation of Medical Image Analysis Techniques. , 0, , 567-607.		30
76	ICP-based approaches for 3D ear recognition. , 2005, , .		29
77	An Automatic 3D Ear Recognition System. , 2006, , .		29
78	Automated classification of contact lens type in iris images. , 2013, , .		28
79	Cosmetic Contact Lenses and Iris Recognition Spoofing. Computer, 2014, 47, 96-98.	1.2	28
80	Recognition of Image-Orientation-Based Iris Spoofing. IEEE Transactions on Information Forensics and Security, 2017, 12, 2184-2196.	4.5	28
81	Gender-from-Iris or Gender-from-Mascara?. , 2017, , .		28
82	Similarity of iris texture between identical twins. , 2010, , .		27
83	Fusion of Face and Iris Biometrics. Advances in Computer Vision and Pattern Recognition, 2013, , 219-237.	0.9	27
84	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
85	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
86	Generic Recognition of Articulated Objects through Reasoning about Potential Function. Computer Vision and Image Understanding, 1995, 62, 177-193.	3.0	25
87	Detection of Contact-Lens-Based Iris Biometric Spoofs Using Stereo Imaging. , 2013, , .		25
88	All Iris Code Bits are Not Created Equal. , 2007, , .		24
89	Domain-Specific Human-Inspired Binarized Statistical Image Features for Iris Recognition. , 2019, , .		24
90	Direct construction of the perspective projection aspect graph of convex polyhedra. Computer Vision, Graphics, and Image Processing, 1990, 51, 20-37.	1.1	23

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91	GRUFF-3: Generalizing the domain of a function-based recognition system. Pattern Recognition, 1994, 27, 1743-1766.	5.1	23
92	The prediction of old and young subjects from iris texture. , 2013, , .		23
93	Template Aging Phenomenon in Iris Recognition. IEEE Access, 2013, 1, 266-274.	2.6	23
94	How Does Gender Balance In Training Data Affect Face Recognition Accuracy?. , 2020, , .		23
95	3D Face Recognition with Region Committee Voting. , 2006, , .		22
96	Gender Classification from Iris Images Using Fusion of Uniform Local Binary Patterns. Lecture Notes in Computer Science, 2015, , 751-763.	1.0	22
97	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
98	Robust Iris Presentation Attack Detection Fusing 2D and 3D Information. IEEE Transactions on Information Forensics and Security, 2021, 16, 510-520.	4.5	21
99	Iris Liveness Detection Competition (LivDet-Iris) - The 2020 Edition. , 2020, , .		21
100	Predicting performance of face recognition systems: An image characterization approach. , 2011, , .		20
101	Deep Learning-Based Feature Extraction in Iris Recognition: Use Existing Models, Fine-tune or Train From Scratch?. , 2019, , .		20
102	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
103	Does Face Recognition Accuracy Get Better With Age? Deep Face Matchers Say No. , 2020, , .		19
104	Multidimensional scaling for matching low-resolution facial images. , 2010, , .		18
105	SREFI: Synthesis of realistic example face images. , 2017, , .		18
106	Beyond Pixels: Image Provenance Analysis Leveraging Metadata. , 2019, , .		18
107	A cross-sensor evaluation of three commercial iris cameras for iris biometrics. , 2011, , .		17
108	Active Clustering with Ensembles for Social structure extraction. , 2014, , .		16

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109	Demography-based facial retouching detection using subclass supervised sparse autoencoder. , 2017, , .		16
110	Iris Recognition with Image Segmentation Employing Retrained Off-the-Shelf Deep Neural Networks. , 2019, , .		16
111	Post-Mortem Iris Recognitionâ€™A Survey and Assessment of the State of the Art. IEEE Access, 2020, 8, 136570-136593.	2.6	16
112	Radionuclide analysis of right and left ventricular response to exercise in patients with atrial and ventricular septal defects. American Heart Journal, 1983, 105, 428-435.	1.2	15
113	Computing the orthographic projection aspect graph of solids of revolution. Pattern Recognition Letters, 1990, 11, 751-763.	2.6	15
114	Computing the generalized aspect graph for objects with moving parts. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1993, 15, 605-610.	9.7	15
115	The Importance of Small Pupils: A Study of How Pupil Dilation Affects Iris Biometrics. , 2008, , .		15
116	Detection of Iris Texture Distortions By Analyzing Iris Code Matching Results. , 2008, , .		15
117	Iris presentation attack detection: Where are we now?. Pattern Recognition Letters, 2020, 138, 483-489.	2.6	15
118	A 3D Iris Scanner From a Single Image Using Convolutional Neural Networks. IEEE Access, 2020, 8, 98584-98599.	2.6	15
119	Improved range image segmentation by analyzing surface fit patterns. Computer Vision and Image Understanding, 2005, 97, 242-258.	3.0	14
120	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
121	Near-IR to visible light face matching: Effectiveness of pre-processing options for commercial matchers. , 2015, , .		14
122	Synthetic minority image over-sampling technique: How to improve AUC for glioblastoma patient survival prediction. , 2017, , .		14
123	Contact lenses: Handle with care for iris recognition. , 2009, , .		13
124	A linear regression analysis of the effects of age related pupil dilation change in iris biometrics. , 2013, , .		13
125	The â€™Criminality From Faceâ€™Illusion. IEEE Transactions on Technology and Society, 2020, 1, 175-183.	2.4	13
126	Multi-frame Approaches To Improve Face Recognition. , 2007, , .		12

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127	Critical examination of the IREX VI results. IET Biometrics, 2015, 4, 192-199.	1.6	12
128	On Hallucinating Context and Background Pixels from a Face Mask using Multi-scale GANs. , 2020, , .		12
129	Template Aging in Iris Biometrics. Advances in Computer Vision and Pattern Recognition, 2013, , 205-218.	0.9	12
130	Ensembles of Classifiers from Spatially Disjoint Data. Lecture Notes in Computer Science, 2005, , 196-205.	1.0	11
131	Using fragile bit coincidence to improve iris recognition. , 2009, , .		11
132	Biometric identification of identical twins: A survey. , 2016, , .		11
133	Review of Iris Presentation Attack Detection Competitions. Advances in Computer Vision and Pattern Recognition, 2019, , 169-183.	0.9	11
134	Using classifier ensembles to label spatially disjoint data. Information Fusion, 2008, 9, 120-133.	11.7	10
135	3D Twins and Expression Challenge. , 2011, , .		10
136	Template aging in 3D and 2D face recognition. , 2016, , .		10
137	Iris Presentation Attack Detection Based on Photometric Stereo Features. , 2019, , .		10
138	Human perceptual categorization of iris texture patterns. , 2010, , .		9
139	Useful features for human verification in near-infrared periocular images. Image and Vision Computing, 2011, 29, 707-715.	2.7	9
140	Predicting good, bad and ugly match Pairs. , 2012, , .		9
141	Identity verification using iris images: Performance of human examiners. , 2013, , .		9
142	Dilation-aware enrolment for iris recognition. IET Biometrics, 2016, 5, 92-99.	1.6	9
143	A method for 3D iris reconstruction from multiple 2D near-infrared images. , 2017, , .		9
144	Predicting Gender From Iris Texture May Be Harder Than It Seems. , 2019, , .		9

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145	Two-Level Genetic Algorithm for Evolving Convolutional Neural Networks for Pattern Recognition. IEEE Access, 2021, 9, 126856-126872.	2.6	9
146	Fast Local Spatial Verification for Feature-Agnostic Large-Scale Image Retrieval. IEEE Transactions on Image Processing, 2021, 30, 6892-6905.	6.0	9
147	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
148	A Study of the Human Perception of Synthetic Faces. , 2021, , .		9
149	Dilation aware multi-image enrollment for iris biometrics. , 2011, , .		8
150	Detecting questionable observers using face track clustering. , 2011, , .		8
151	Color balancing for change detection in multitemporal images. , 2012, , .		8
152	Trial Somaliland voting register de-duplication using iris recognition. , 2015, , .		8
153	A Survey of Iris Biometrics Research: 2008â€“2010. Advances in Computer Vision and Pattern Recognition, 2016, , 23-61.	0.9	8
154	Why face recognition accuracy varies due to race. Biometric Technology Today, 2019, 2019, 8-11.	0.7	8
155	Performance of Humans in Iris Recognition: The Impact of Iris Condition and Annotation-Driven Verification. , 2019, , .		8
156	Transformation-Aware Embeddings for Image Provenance. IEEE Transactions on Information Forensics and Security, 2021, 16, 2493-2507.	4.5	8
157	Generalizing the aspect graph concept to include articulated assemblies. Pattern Recognition Letters, 1991, 12, 171-176.	2.6	7
158	METHODS FOR COMBINATION OF EVIDENCE IN FUNCTION-BASED 3-D OBJECT RECOGNITION. International Journal of Pattern Recognition and Artificial Intelligence, 1993, 07, 573-594.	0.7	7
159	Themes for improved teaching of image computation. IEEE Transactions on Education, 2000, 43, 221-223.	2.0	7
160	Comments on â€œA Parallel Mixture of SVMs for Very Large Scale Problemsâ€•. Neural Computation, 2004, 16, 1345-1351.	1.3	7
161	Human versus biometric detection of texture similarity in left and right irises. , 2010, , .		7
162	Face recognition via adaptive sparse representations of random patches. , 2014, , .		7

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163	A 3D Iris Scanner From Multiple 2D Visible Light Images. IEEE Access, 2019, 7, 61461-61472.	2.6	7
164	Fast Face Image Synthesis With Minimal Training. , 2019, , .		7
165	Iris Recognition: Comparing Visible-Light Lateral and Frontal Illumination to NIR Frontal Illumination. , 2019, , .		7
166	Mentoring undergraduates in computer vision research. IEEE Transactions on Education, 2001, 44, 252-257.	2.0	6
167	"Star Wars" revisited-Ethics and safety-critical software. IEEE Technology and Society Magazine, 2002, 21, 13-26.	0.6	6
168	Multi-Modal Biometrics Involving the Human Ear. , 2007, , .		6
169	Semi-supervised learning on large complex simulations. , 2008, , .		6
170	Recent research results in iris biometrics. Proceedings of SPIE, 2009, , .	0.8	6
171	Effects of iris surface curvature on iris recognition. , 2013, , .		6
172	The effectiveness of face detection algorithms in unconstrained crowd scenes. , 2014, , .		6
173	Framework for Active Clustering With Ensembles. IEEE Transactions on Information Forensics and Security, 2014, 9, 1986-2001.	4.5	6
174	Iris recognition technology evaluated for voter registration in Somaliland. Biometric Technology Today, 2015, 2015, 5-8.	0.7	6
175	Lessons from collecting a million biometric samples. Image and Vision Computing, 2017, 58, 96-107.	2.7	6
176	Restructuring aspect graphs into aspect- and cell-equivalence classes for use in computer vision. Lecture Notes in Computer Science, 1988, , 230-241.	1.0	6
177	Recognition of Facial Attributes Using Adaptive Sparse Representations of Random Patches. Lecture Notes in Computer Science, 2015, , 778-792.	1.0	6
178	Aspect graphs and their use in object recognition. Annals of Mathematics and Artificial Intelligence, 1995, 13, 347-375.	0.9	5
179	Profile Face Detection: A Subset Multi-Biometric Approach. , 2008, , .		5
180	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

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181	Exploratory analysis of an operational iris recognition dataset from a CBSA border-crossing application. , 2015, , .		5
182	Spotting the difference: Context retrieval and analysis for improved forgery detection and localization. , 2017, , .		5
183	Characterizing the Variability in Face Recognition Accuracy Relative to Race. , 2019, , .		5
184	3D Face Recognition. , 2008, , 211-229.		5
185	Multibiometrics Using Face and Ear. , 2008, , 315-333.		5
186	Strategies for Improving Face Recognition from Video. , 2008, , 339-361.		5
187	Iris Recognition Using Low-Level CNN Layers Without Training and Single Matching. IEEE Access, 2022, 10, 41276-41286.	2.6	5
188	Effects of age on radionuclide angiographic detection and quantitation of left-to-right shunts. American Journal of Cardiology, 1984, 53, 879-883.	0.7	4
189	Cross sensor 3D face recognition performance. , 2006, 6202, 620201.		4
190	What Surprises Do Identical Twins Have for Identity Science?. Computer, 2011, 44, 100-102.	1.2	4
191	Fast robust perspective transform estimation for automatic image registration in disaster response applications. , 2012, , .		4
192	The impact of diffuse illumination on iris recognition. , 2013, , .		4
193	An optimal strategy for dilation based iris image enrollment. , 2014, , .		4
194	Face recognition under pose variation with active shape model to adjust Gabor filter kernels and to correct feature extraction location. , 2015, , .		4
195	Phacoemulsification Cataract Surgery Affects the Discriminative Capacity of Iris Pattern Recognition. Scientific Reports, 2019, 9, 11139.	1.6	4
196	A Method for Curation of Web-Scraped Face Image Datasets. , 2020, , .		4
197	Does Face Recognition Error Echo Gender Classification Error?. , 2021, , .		4
198	Human-Aided Saliency Maps Improve Generalization of Deep Learning. , 2022, , .		4

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199	Revolutions and experimental computer vision. CVGIP Image Understanding, 1991, 53, 127-128.	1.3	3
200	Learning to Predict Salient Regions from Disjoint and Skewed Training Sets. , 2006, , .		3
201	Multi-Factor Approach to Improving Recognition Performance in Surveillance-Quality Video. , 2008, , .		3
202	All Iris Filters are Not Created Equal. , 2008, , .		3
203	Effects of mascara on iris recognition. , 2013, , .		3
204	SNoW: Understanding the causes of strong, neutral, and weak face impostor pairs. , 2013, , .		3
205	Strong, Neutral, or Weak: Exploring the Impostor Score Distribution. IEEE Transactions on Information Forensics and Security, 2015, 10, 1207-1220.	4.5	3
206	Introduction to the Handbook of Iris Recognition. , 2013, , 1-14.		3
207	3D Iris Recognition using Spin Images. , 2020, , .		3
208	Interpretable Deep Learning-Based Forensic Iris Segmentation and Recognition. , 2022, , .		3
209	Analysis of Manual and Automated Skin Tone Assignments. , 2022, , .		3
210	Error sensitivity of computerized tomography guided stereotaxis. Journal of Biomedical Informatics, 1982, 15, 272-280.	0.7	2
211	INTRODUCTION: UNDERGRADUATE EDUCATION AND COMPUTER VISION. International Journal of Pattern Recognition and Artificial Intelligence, 2001, 15, 753-755.	0.7	2
212	Detecting and ordering salient regions for efficient browsing. , 2008, , .		2
213	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
214	Ensemble training to improve recognition using 2D ear. Proceedings of SPIE, 2009, , .	0.8	2
215	Synthetic eye images for pupil dilation mitigation. , 2012, , .		2
216	Effects of dominance and laterality on iris recognition. , 2012, , .		2

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217	Eyebrow segmentation using active shape models. , 2013, , .		2
218	Pitfalls in studying "big data" from operational scenarios. , 2016, , .		2
219	Introduction to the Handbook of Iris Recognition. Advances in Computer Vision and Pattern Recognition, 2016, , 1-22.	0.9	2
220	Found a good match: Should I keep searching? " Accuracy and performance in iris matching using 1-to-First search. Image and Vision Computing, 2018, 73, 17-27.	2.7	2
221	Analysis of diurnal changes in pupil dilation and eyelid aperture. IET Biometrics, 2018, 7, 136-144.	1.6	2
222	Are Gabor Kernels Optimal for Iris Recognition?. , 2020, , .		2
223	A simulation-based sensitivity study of radionuclide angiocardigraphic approaches to shunt assessment. Journal of Biomedical Informatics, 1982, 15, 111-128.	0.7	1
224	<title>Evaluation of multimodal biometrics using appearance, shape, and temperature</title>. , 2004, , .		1
225	Object Recognition Through Reasoning About Functionality: A Survey of Related Work. , 0, , 129-147.		1
226	Statistical evaluation of up-to-three-attempt iris recognition. , 2015, , .		1
227	Location matters: A study of the effects of environment on facial recognition for biometric security. , 2015, , .		1
228	Iris recognition: does template ageing really exist?. Biometric Technology Today, 2015, 2015, 5-8.	0.7	1
229	Lessons from collecting a million biometric samples. , 2015, , .		1
230	An analysis of 1-to-first matching in iris recognition. , 2016, , .		1
231	On accuracy estimation and comparison of results in biometric research. , 2016, , .		1
232	Automated Performance Evaluation of Range Image Segmentation Algorithms. Series in Machine Perception and Artificial Intelligence, 2002, , 1-22.	0.1	1
233	Video resources for use in teaching ethics and computing. SIGCSE Bulletin, 2000, 32, 217-221.	0.1	0
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