Terence Sim

List of Publications by Year
in descending order

74 papers	3,270 citations	758635 12 h-index	642321 23 g-index
76 all docs	76 docs citations	76 times ranked	2484 citing authors

#	Article	IF	Citations
1	The CMU pose, illumination, and expression database. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 1615-1618.	9.7	1,424
2	Defocus map estimation from a single image. Pattern Recognition, 2011, 44, 1852-1858.	5.1	325
3	Correlation filters with limited boundaries. , 2015, , .		242
4	Multi-channel Correlation Filters. , 2013, , .		182
5	Continuous Verification Using Multimodal Biometrics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 687-700.	9.7	179
6	Discriminant Subspace Analysis: A Fukunaga-Koontz Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1732-1745.	9.7	89
7	Robust flash deblurring. , 2010, , .		59
8	Correcting over-exposure in photographs. , 2010, , .		58
9	Enhancing low light images using near infrared flash images. , 2010, , .		51
10	Are Digraphs Good for Free-Text Keystroke Dynamics?. , 2007, , .		49
11	Inter-modality Face Sketch Recognition. , 2012, , .		48
12	Learning universal multi-view age estimator using video context. , 2011, , .		42
13	Enhancing photographs with Near Infra-Red images. , 2008, , .		37
14	Robust Face Recognition with Deep Multi-View Representation Learning. , 2016, , .		37
15	Face sketch recognition by Local Radon Binary Pattern: LRBP. , 2012, , .		31
16	Anatomy-based face reconstruction for animation using multi-layer deformation. Journal of Visual Languages and Computing, 2006, 17, 126-160.	1.8	26
17	When is the shape of a scene unique given its light-field: a fundamental theorem of 3D vision?. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 100-109.	9.7	24
18	Using Continuous Biometric Verification to Protect Interactive Login Sessions. , 0, , .		23

#	Article	IF	Citations
19	Landmark Free Face Attribute Prediction. IEEE Transactions on Image Processing, 2018, 27, 4651-4662.	6.0	20
20	Toward a Comprehensive Face Detector in the Wild. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 104-114.	5.6	20
21	Continuous Verification Using Multimodal Biometrics. Lecture Notes in Computer Science, 2005, , 562-570.	1.0	20
22	On the Recovery of Depth from a Single Defocused Image. Lecture Notes in Computer Science, 2009, , 889-897.	1.0	19
23	3D dental biometrics: Alignment and matching of dental casts for human identification. Computers in Industry, 2013, 64, 1355-1370.	5.7	17
24	An Usability Study of Continuous Biometrics Authentication. Lecture Notes in Computer Science, 2009, , 828-837.	1.0	17
25	Face photo retrieval by sketch example. , 2012, , .		16
26	Don't ask me what i'm like, just watch and listen. , 2012, , .		14
27	Simultaneous and orthogonal decomposition of data using Multimodal Discriminant Analysis. , 2009, , .		12
28	Background Recovery by Fixed-Rank Robust Principal Component Analysis. Lecture Notes in Computer Science, 2013, , 54-61.	1.0	12
29	Using Continuous Face Verification to Improve Desktop Security. , 2005, , .		11
30	Physical Access Protection using Continuous Authentication. , 2008, , .		11
31	Towards general motion-based face recognition. , 2010, , .		11
32	Multi-channel correlation filters for human action recognition. , 2014, , .		11
33	Zero Phase Filtering for Active Compensation of Periodic Physiological Motion. , 0, , .		8
34	Who wants Continuous Authentication on Mobile Devices?. , 2018, , .		8
35	Realistic and efficient wrinkle simulation using an anatomy-based face model with adaptive refinement. , 0, , .		7
36	Controllable face privacy. , 2015, , .		7

#	ARTICLE	IF	CITATIONS
37	Music Transcription Using an Instrument Model. , 0, , .		6
38	Color Me Rightâ€"Seamless Image Compositing. Lecture Notes in Computer Science, 2009, , 444-451.	1.0	6
39	Eyewitness Face Sketch Recognition Based on Two-Step Bias Modeling. Lecture Notes in Computer Science, 2013, , 26-33.	1.0	6
40	Using targeted statistics for face regeneration. , 2008, , .		5
41	Towards automated pose invariant 3D dental biometrics. , 2011, , .		5
42	Accumulated motion images for facial expression recognition in videos. , 2011, , .		5
43	Recognizing emotions of characters in movies. , 2012, , .		5
44	A talking profile to distinguish identical twins. Image and Vision Computing, 2014, 32, 771-778.	2.7	5
45	VIP: A Unifying Framework for Computational Eye-Gaze Research. Lecture Notes in Computer Science, 2013, , 209-222.	1.0	5
46	Combining Facial Appearance and Dynamics for Face Recognition. Lecture Notes in Computer Science, 2009, , 133-140.	1.0	5
47	Interactive Portrait Art. , 2008, , .		4
48	A study on recognizing non-artistic face sketches. , 2011, , .		4
49	New hope for recognizing twins by using facial motion. , 2012, , .		4
50	Icme Grand Challenge Results on Heterogeneous Face Recognition: Polarimetric Thermal-to-Visible Matching. , 2018, , .		4
51	Video stylization by single image example. , 2010, , .		3
52	Face recognition CAPTCHA made difficult. , 2014, , .		3
53	Correlation filter cascade for facial landmark localization. , 2016, , .		3
54	Hide and seek: Uncovering facial occlusion with variable-threshold robust PCA. , 2016, , .		3

#	Article	IF	Citations
55	Feature selection for facial expression recognition using deformation modeling. , 2010, , .		2
56	Do you see what i see? A more realistic eyewitness sketch recognition. , 2011, , .		2
57	Audio-visual twins database. , 2015, , .		2
58	Hearing versus Seeing Identical Twins. Lecture Notes in Computer Science, 2013, , 137-144.	1.0	2
59	Is Face Recognition Safe from Realizable Attacks?. , 2020, , .		2
60	VIM: Vision for Interactive Music. , 2007, , .		1
61	Identity and Variation Spaces: Revisiting the Fisher Linear Discriminant. , 2009, , .		1
62	A talking profile to distinguish identical twins. , 2013, , .		1
63	Towards protecting biometric templates without sacrificing performance. , 2016, , .		1
64	Think big, solve small: Scaling up robust PCA with coupled dictionaries. , 2016, , .		1
65	Learning Controllable Face Generator from Disjoint Datasets. Lecture Notes in Computer Science, 2019, , 209-223.	1.0	1
66	Towards Wider Adoption of Continuous Authentication on Mobile Devices. Advanced Sciences and Technologies for Security Applications, 2020, , 235-262.	0.4	1
67	Digital face makeup by example. , 2009, , .		1
68	Rotation invariant Facial Expression Recognition in image sequences. , 2010, , .		0
69	Light montage for perceptual image enhancement. Computer Graphics Forum, 2014, 33, 185-194.	1.8	0
70	What does computer vision say about face reading?. , 2014, , .		0
71	Lighting transfer across multiple views through local color transforms. , 2016, , .		0
72	Lighting transfer across multiple views through local color transforms. Computational Visual Media, 2017, 3, 315-324.	10.8	0

#	Article	IF	Citations
73	Multi-view Separation of Background and Reflection by Coupled Low-Rank Decomposition. Lecture Notes in Computer Science, 2017, , 255-268.	1.0	0
74	Subject Independent Facial Expression Recognition from 3D Face Models using Deformation Modeling. , 0, , 574-595.		0