

# Terence Sim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2489620/publications.pdf>

Version: 2024-02-01

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  | Towards Wider Adoption of Continuous Authentication on Mobile Devices. <i>Advanced Sciences and Technologies for Security Applications</i> , 2020, , 235-262. | 0.4  | 1         |
| 2  | Is Face Recognition Safe from Realizable Attacks?. , 2020, , .  |      | 2         |
| 3  | Toward a Comprehensive Face Detector in the Wild. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019, 29, 104-114.                  | 5.6  | 20        |
| 4  | Learning Controllable Face Generator from Disjoint Datasets. <i>Lecture Notes in Computer Science</i> , 2019, , 209-223.                                      | 1.0  | 1         |
| 5  | Who wants Continuous Authentication on Mobile Devices?. , 2018, , .   |      | 8         |
| 6  | Icme Grand Challenge Results on Heterogeneous Face Recognition: Polarimetric Thermal-to-Visible Matching. , 2018, , .   |      | 4         |
| 7  | Landmark Free Face Attribute Prediction. <i>IEEE Transactions on Image Processing</i> , 2018, 27, 4651-4662.  | 6.0  | 20        |
| 8  | Lighting transfer across multiple views through local color transforms. <i>Computational Visual Media</i> , 2017, 3, 315-324.                                 | 10.8 | 0         |
| 9  | Multi-view Separation of Background and Reflection by Coupled Low-Rank Decomposition. <i>Lecture Notes in Computer Science</i> , 2017, , 255-268.             | 1.0  | 0         |
| 10 | Correlation filter cascade for facial landmark localization. , 2016, , .  |      | 3         |
| 11 | Towards protecting biometric templates without sacrificing performance. , 2016, , .   |      | 1         |
| 12 | Robust Face Recognition with Deep Multi-View Representation Learning. , 2016, , .   |      | 37        |
| 13 | Lighting transfer across multiple views through local color transforms. , 2016, , .   |      | 0         |
| 14 | Think big, solve small: Scaling up robust PCA with coupled dictionaries. , 2016, , .  |      | 1         |
| 15 | Hide and seek: Uncovering facial occlusion with variable-threshold robust PCA. , 2016, , .  |      | 3         |
| 16 | Correlation filters with limited boundaries. , 2015, , .  |      | 242       |
| 17 | Audio-visual twins database. , 2015, , .  |      | 2         |
| 18 | Controllable face privacy. , 2015, , .  |      | 7         |

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|----|--|-----|-----------|
| 19 | Multi-channel correlation filters for human action recognition. , 2014, , .  |     | 11        |
| 20 | Face recognition CAPTCHA made difficult. , 2014, , .   |     | 3         |
| 21 | Light montage for perceptual image enhancement. Computer Graphics Forum, 2014, 33, 185-194.  | 1.8 | 0         |
| 22 | What does computer vision say about face reading?. , 2014, , .   |     | 0         |
| 23 | A talking profile to distinguish identical twins. Image and Vision Computing, 2014, 32, 771-778.                                   | 2.7 | 5         |
| 24 | 3D dental biometrics: Alignment and matching of dental casts for human identification. Computers in Industry, 2013, 64, 1355-1370. | 5.7 | 17        |
| 25 | Multi-channel Correlation Filters. , 2013, , .   |     | 182       |
| 26 | A talking profile to distinguish identical twins. , 2013, , .  |     | 1         |
| 27 | VIP: A Unifying Framework for Computational Eye-Gaze Research. Lecture Notes in Computer Science, 2013, , 209-222.                 | 1.0 | 5         |
| 28 | Eyewitness Face Sketch Recognition Based on Two-Step Bias Modeling. Lecture Notes in Computer Science, 2013, , 26-33.              | 1.0 | 6         |
| 29 | Background Recovery by Fixed-Rank Robust Principal Component Analysis. Lecture Notes in Computer Science, 2013, , 54-61.           | 1.0 | 12        |
| 30 | Hearing versus Seeing Identical Twins. Lecture Notes in Computer Science, 2013, , 137-144.   | 1.0 | 2         |
| 31 | Face photo retrieval by sketch example. , 2012, , .  |     | 16        |
| 32 | Recognizing emotions of characters in movies. , 2012, , .  |     | 5         |
| 33 | Don't ask me what i'm like, just watch and listen. , 2012, , .   |     | 14        |
| 34 | New hope for recognizing twins by using facial motion. , 2012, , .   |     | 4         |
| 35 | Inter-modality Face Sketch Recognition. , 2012, , .  |     | 48        |
| 36 | Face sketch recognition by Local Radon Binary Pattern: LRBP. , 2012, , .   |     | 31        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Towards automated pose invariant 3D dental biometrics. , 2011, , .  |     | 5         |
| 38 | A study on recognizing non-artistic face sketches. , 2011, , .  |     | 4         |
| 39 | Do you see what i see? A more realistic eyewitness sketch recognition. , 2011, , .                              |     | 2         |
| 40 | Defocus map estimation from a single image. Pattern Recognition, 2011, 44, 1852-1858.                           | 5.1 | 325       |
| 41 | Learning universal multi-view age estimator using video context. , 2011, , .                                    |     | 42        |
| 42 | Accumulated motion images for facial expression recognition in videos. , 2011, , .                              |     | 5         |
| 43 | Towards general motion-based face recognition. , 2010, , .  |     | 11        |
| 44 | Video stylization by single image example. , 2010, , .  |     | 3         |
| 45 | Enhancing low light images using near infrared flash images. , 2010, , .  |     | 51        |
| 46 | Rotation invariant Facial Expression Recognition in image sequences. , 2010, , .                                |     | 0         |
| 47 | Correcting over-exposure in photographs. , 2010, , .  |     | 58        |
| 48 | Feature selection for facial expression recognition using deformation modeling. , 2010, , .                     |     | 2         |
| 49 | Robust flash deblurring. , 2010, , .  |     | 59        |
| 50 | On the Recovery of Depth from a Single Defocused Image. Lecture Notes in Computer Science, 2009, , 889-897.     | 1.0 | 19        |
| 51 | Identity and Variation Spaces: Revisiting the Fisher Linear Discriminant. , 2009, , .                           |     | 1         |
| 52 | Simultaneous and orthogonal decomposition of data using Multimodal Discriminant Analysis. , 2009, , .           |     | 12        |
| 53 | An Usability Study of Continuous Biometrics Authentication. Lecture Notes in Computer Science, 2009, , 828-837. | 1.0 | 17        |
| 54 | Color Me Rightâ€“Seamless Image Compositing. Lecture Notes in Computer Science, 2009, , 444-451.                | 1.0 | 6         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Combining Facial Appearance and Dynamics for Face Recognition. Lecture Notes in Computer Science, 2009, , 133-140.   | 1.0 | 5         |
| 56 | Digital face makeup by example. , 2009, , .  |     | 1         |
| 57 | Enhancing photographs with Near Infra-Red images. , 2008, , .  |     | 37        |
| 58 | Physical Access Protection using Continuous Authentication. , 2008, , .  |     | 11        |
| 59 | Interactive Portrait Art. , 2008, , .  |     | 4         |
| 60 | Using targeted statistics for face regeneration. , 2008, , .   |     | 5         |
| 61 | Are Digraphs Good for Free-Text Keystroke Dynamics?. , 2007, , .   |     | 49        |
| 62 | VIM: Vision for Interactive Music. , 2007, , .   |     | 1         |
| 63 | Continuous Verification Using Multimodal Biometrics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 687-700.  | 9.7 | 179       |
| 64 | Discriminant Subspace Analysis: A Fukunaga-Koontz Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1732-1745.                                   | 9.7 | 89        |
| 65 | Anatomy-based face reconstruction for animation using multi-layer deformation. Journal of Visual Languages and Computing, 2006, 17, 126-160.                                       | 1.8 | 26        |
| 66 | Using Continuous Face Verification to Improve Desktop Security. , 2005, , .  |     | 11        |
| 67 | Continuous Verification Using Multimodal Biometrics. Lecture Notes in Computer Science, 2005, , 562-570.   | 1.0 | 20        |
| 68 | The CMU pose, illumination, and expression database. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 1615-1618.  | 9.7 | 1,424     |
| 69 | 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        |
| 70 | Music Transcription Using an Instrument Model. , 0, , .  |     | 6         |
| 71 | Realistic and efficient wrinkle simulation using an anatomy-based face model with adaptive refinement. , 0, , .  |     | 7         |
| 72 | Using Continuous Biometric Verification to Protect Interactive Login Sessions. , 0, , .  |     | 23        |

| #  | ARTICLE   | IF | CITATIONS |
|----|---|----|-----------|
| 73 | Zero Phase Filtering for Active Compensation of Periodic Physiological Motion. , 0, , .                           |    | 8         |
| 74 | Subject Independent Facial Expression Recognition from 3D Face Models using Deformation Modeling. , 0, , 574-595. |    | 0         |