

Rajeev Ranjan

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,136
citations

1051969

10
h-index

1051228

16
g-index

34
all docs

34
docs citations

34
times ranked

2260
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The identities of n-dimensional s-transform and applications. Multimedia Tools and Applications, 2022, 81, 16661-16677. | 2.6 | 6 |
| 2 | Deep CNN Face Recognition: Looking at the Past and the Future. Advances in Computer Vision and Pattern Recognition, 2021, , 1-20. | 0.9 | 1 |
| 3 | Deep CNN-Based Face Recognition. , 2021, , 247-255. | | 0 |
| 4 | Activity Detection in Untrimmed Videos Using Chunk-based Classifiers. , 2020, , . | | 3 |
| 5 | An Automatic System for Unconstrained Video-Based Face Recognition. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 194-209. | 3.8 | 34 |
| 6 | Fractional S-Transform and Its Properties: A Comprehensive Survey. Wireless Personal Communications, 2020, 113, 2519-2541. | 1.8 | 18 |
| 7 | A sampling theorem for fractional S-transform with error estimation. , 2019, 93, 138-150. | | 6 |
| 8 | Deep convolutional neural networks in the face of caricature. Nature Machine Intelligence, 2019, 1, 522-529. | 8.3 | 40 |
| 9 | Convolution Theorem with Its Derivatives and Multiresolution Analysis for Fractional S-Transform. Circuits, Systems, and Signal Processing, 2019, 38, 5212-5235. | 1.2 | 9 |
| 10 | A sampling theorem with error estimation for S-transform. Integral Transforms and Special Functions, 2019, 30, 471-491. | 0.8 | 10 |
| 11 | A Fast and Accurate System for Face Detection, Identification, and Verification. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2019, 1, 82-96. | 3.8 | 97 |
| 12 | A Proposal-Based Solution to Spatio-Temporal Action Detection in Untrimmed Videos. , 2019, , . | | 15 |
| 13 | HyperFace: A Deep Multi-Task Learning Framework for Face Detection, Landmark Localization, Pose Estimation, and Gender Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 121-135. | 9.7 | 744 |
| 14 | Deep Learning for Understanding Faces: Machines May Be Just as Good, or Better, than Humans. IEEE Signal Processing Magazine, 2018, 35, 66-83. | 4.6 | 148 |
| 15 | Unconstrained Still/Video-Based Face Verification with Deep Convolutional Neural Networks. International Journal of Computer Vision, 2018, 126, 272-291. | 10.9 | 38 |
| 16 | Light-Weight Head Pose Invariant Gaze Tracking. , 2018, , . | | 40 |
| 17 | Multiplicative Filter Design Using S-Transform. , 2018, , . | | 2 |
| 18 | Deep Features for Recognizing Disguised Faces in the Wild. , 2018, , . | | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Face recognition accuracy of forensic examiners, superrecognizers, and face recognition algorithms. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6171-6176. | 3.3 | 212 |
| 20 | Formulation of some useful theorems for S-transform. Optik, 2018, 168, 913-919. | 1.4 | 11 |
| 21 | Proximity-Aware Hierarchical Clustering of unconstrained faces. Image and Vision Computing, 2018, 77, 33-44. | 2.7 | 7 |
| 22 | Video error concealment through 3-D face model. Multimedia Tools and Applications, 2017, 76, 23931-23955. | 2.6 | 1 |
| 23 | An All-In-One Convolutional Neural Network for Face Analysis. , 2017, , . | | 248 |
| 24 | UMDFaces: An annotated face dataset for training deep networks. , 2017, , . | | 107 |
| 25 | The Doâ€™s and Donâ€™ts for CNN-Based Face Verification. , 2017, , . | | 42 |
| 26 | Towards the design of an end-to-end automated system for image and video-based recognition. , 2016, , . | | 8 |
| 27 | New methods for handling binary constraints. , 2016, , . | | 9 |
| 28 | A cascaded convolutional neural network for age estimation of unconstrained faces. , 2016, , . | | 45 |
| 29 | Isolated Word Recognition using HMM for Maithili dialect. , 2016, , . | | 13 |
| 30 | Unconstrained Age Estimation with Deep Convolutional Neural Networks. , 2015, , . | | 33 |
| 31 | An End-to-End System for Unconstrained Face Verification with Deep Convolutional Neural Networks. , 2015, , . | | 53 |
| 32 | A deep pyramid Deformable Part Model for face detection. , 2015, , . | | 102 |
| 33 | Scene content driven FEC allocation for video streaming. Signal Processing: Image Communication, 2014, 29, 37-48. | 1.8 | 6 |
| 34 | Adaptive fast motion estimation based on probabilistic prediction and Object Grouping. , 2011, , . | | 1 |