Rajeev Ranjan

List of Publications by Year
in descending order

34	2,136	933447	940533
papers	citations	10	16
		h-index	g-index

34	34	34	2034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	13.9	744
2	An All-In-One Convolutional Neural Network for Face Analysis. , 2017, , .		248
3	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.	7.1	212
4	Deep Learning for Understanding Faces: Machines May Be Just as Good, or Better, than Humans. IEEE Signal Processing Magazine, 2018, 35, 66-83.	5.6	148
5	UMDFaces: An annotated face dataset for training deep networks. , 2017, , .		107
6	A deep pyramid Deformable Part Model for face detection. , 2015, , .		102
7	A Fast and Accurate System for Face Detection, Identification, and Verification. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2019, 1, 82-96.	4.4	97
8	An End-to-End System for Unconstrained Face Verification with Deep Convolutional Neural Networks. , 2015, , .		53
9	A cascaded convolutional neural network for age estimation of unconstrained faces. , 2016, , .		45
10	The Do's and Don'ts for CNN-Based Face Verification. , 2017, , .		42
11	Light-Weight Head Pose Invariant Gaze Tracking. , 2018, , .		40
12	Deep convolutional neural networks in the face of caricature. Nature Machine Intelligence, 2019, 1, 522-529.	16.0	40
13	Unconstrained Still/Video-Based Face Verification with Deep Convolutional Neural Networks. International Journal of Computer Vision, 2018, 126, 272-291.	15.6	38
14	An Automatic System for Unconstrained Video-Based Face Recognition. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 194-209.	4.4	34
15	Unconstrained Age Estimation with Deep Convolutional Neural Networks. , 2015, , .		33
16	Deep Features for Recognizing Disguised Faces in the Wild. , 2018, , .		27
17	Fractional S-Transform and Its Properties: A Comprehensive Survey. Wireless Personal Communications, 2020, 113, 2519-2541.	2.7	18
18	A Proposal-Based Solution to Spatio-Temporal Action Detection in Untrimmed Videos. , 2019, , .		15

#	Article	IF	Citations
19	Isolated Word Recognition using HMM for Maithili dialect. , 2016, , .		13
20	Formulation of some useful theorems for S-transform. Optik, 2018, 168, 913-919.	2.9	11
21	A sampling theorem with error estimation for S-transform. Integral Transforms and Special Functions, 2019, 30, 471-491.	1.2	10
22	New methods for handling binary constraints. , 2016, , .		9
23	Convolution Theorem with Its Derivatives and Multiresolution Analysis for Fractional S-Transform. Circuits, Systems, and Signal Processing, 2019, 38, 5212-5235.	2.0	9
24	Towards the design of an end-to-end automated system for image and video-based recognition. , 2016, , .		8
25	Proximity-Aware Hierarchical Clustering of unconstrained faces. Image and Vision Computing, 2018, 77, 33-44.	4.5	7
26	Scene content driven FEC allocation for video streaming. Signal Processing: Image Communication, 2014, 29, 37-48.	3.2	6
27	A sampling theorem for fractional S-transform with error estimation. , 2019, 93, 138-150.		6
28	The identities of n-dimensional s-transform and applications. Multimedia Tools and Applications, 2022, 81, 16661-16677.	3.9	6
29	Activity Detection in Untrimmed Videos Using Chunk-based Classifiers. , 2020, , .		3
30	Multiplicative Filter Design Using S-Transform. , 2018, , .		2
31	Adaptive fast motion estimation based on probabilistic prediction and Object Grouping. , 2011, , .		1
32	Video error concealment through 3-D face model. Multimedia Tools and Applications, 2017, 76, 23931-23955.	3.9	1
33	Deep CNN Face Recognition: Looking at the Past and the Future. Advances in Computer Vision and Pattern Recognition, 2021, , 1-20.	1.3	1
34	Deep CNN-Based Face Recognition. , 2021, , 247-255.		0