

Rajeev Ranjan

List of Publications by Year in descending order

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34
papers

2,136
citations

933447

10
h-index

940533

16
g-index

34
all docs

34
docs citations

34
times ranked

2034
citing authors

#	ARTICLE	IF	CITATIONS
1	The identities of n-dimensional s-transform and applications. Multimedia Tools and Applications, 2022, 81, 16661-16677.	3.9	6
2	Deep CNN Face Recognition: Looking at the Past and the Future. Advances in Computer Vision and Pattern Recognition, 2021, , 1-20.	1.3	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.	4.4	34
6	Fractional S-Transform and Its Properties: A Comprehensive Survey. Wireless Personal Communications, 2020, 113, 2519-2541.	2.7	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.	16.0	40
9	Convolution Theorem with Its Derivatives and Multiresolution Analysis for Fractional S-Transform. Circuits, Systems, and Signal Processing, 2019, 38, 5212-5235.	2.0	9
10	A sampling theorem with error estimation for S-transform. Integral Transforms and Special Functions, 2019, 30, 471-491.	1.2	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.	4.4	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.	13.9	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.	5.6	148
15	Unconstrained Still/Video-Based Face Verification with Deep Convolutional Neural Networks. International Journal of Computer Vision, 2018, 126, 272-291.	15.6	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.	7.1	212
20	Formulation of some useful theorems for S-transform. Optik, 2018, 168, 913-919.	2.9	11
21	Proximity-Aware Hierarchical Clustering of unconstrained faces. Image and Vision Computing, 2018, 77, 33-44.	4.5	7
22	Video error concealment through 3-D face model. Multimedia Tools and Applications, 2017, 76, 23931-23955.	3.9	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.	3.2	6
34	Adaptive fast motion estimation based on probabilistic prediction and Object Grouping. , 2011, , .		1