

Tanaya Guha

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

663
citations

1163117

8
h-index

1372567

10
g-index

22
all docs

22
docs citations

22
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Sparse Representations for Human Action Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1576-1588.	13.9	299
2	Multimodal Prediction of Affective Dimensions and Depression in Human-Computer Interactions. , 2014, , .		63
3	A Computational Study of Expressive Facial Dynamics in Children with Autism. IEEE Transactions on Affective Computing, 2018, 9, 14-20.	8.3	51
4	Image Similarity Using Sparse Representation and Compression Distance. IEEE Transactions on Multimedia, 2014, 16, 980-987.	7.2	43
5	Sparse representation-based image quality assessment. Signal Processing: Image Communication, 2014, 29, 1138-1148.	3.2	27
6	On quantifying facial expression-related atypicality of children with Autism Spectrum Disorder. , 2015, 2015, 803-807.		24
7	Dynamic Emotion Modeling With Learnable Graphs and Graph Inception Network. IEEE Transactions on Multimedia, 2022, 24, 780-790.	7.2	20
8	Motion-Capture Patterns of Voluntarily Mimicked Dynamic Facial Expressions in Children and Adolescents With and Without ASD. Journal of Autism and Developmental Disorders, 2019, 49, 1062-1079.	2.7	18
9	Computational Media Intelligence: Human-Centered Machine Analysis of Media. Proceedings of the IEEE, 2021, 109, 891-910.	21.3	18
10	On the role of head motion in affective expression. , 2017, , .		15
11	A trajectory clustering approach to crowd flow segmentation in videos. , 2016, , .		14
12	Learning Affective Correspondence between Music and Image. , 2019, , .		14
13	Unsupervised Discovery of Character Dictionaries in Animation Movies. IEEE Transactions on Multimedia, 2018, 20, 539-551.	7.2	13
14	Computationally deconstructing movie narratives: An informatics approach. , 2015, , .		12
15	Learning Spontaneity to Improve Emotion Recognition in Speech. , 0, , .		11
16	Attention Selective Network For Face Synthesis And Pose-Invariant Face Recognition. , 2020, , .		7
17	Emotion Sensing From Head Motion Capture. IEEE Sensors Journal, 2021, 21, 5035-5043.	4.7	4
18	Head Matters: Explainable Human-centered Trait Prediction from Head Motion Dynamics. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
19	Graph-Based Transform with Weighted Self-Loops for Predictive Transform Coding Based on Template Matching. , 2019, , .		2
20	Dynamic character graph via online face clustering for movie analysis. Multimedia Tools and Applications, 2020, 79, 33103-33118.	3.9	2
21	Novel affective features for multiscale prediction of emotion in music. , 2016, , .		2
22	Towards Autism Screening through Emotion-guided Eye Gaze Response. , 2021, 2021, 820-823.		0