Linchao Bao

List of Publications by Year
in descending order

24 papers	1,776 citations	1039406 9 h-index	1281420 11 g-index
25 all docs	25 docs citations	25 times ranked	1542 citing authors

#	Article	IF	Citations
1	VITAL: VIsual Tracking via Adversarial Learning. , 2018, , .		378
2	Dynamic Scene Deblurring Using Spatially Variant Recurrent Neural Networks. , 2018, , .		232
3	CNN in MRF: Video Object Segmentation via Inference in a CNN-Based Higher-Order Spatio-Temporal MRF. , 2018, , .		142
4	Face Anti-Spoofing: Model Matters, so Does Data. , 2019, , .		131
5	Self-Supervised Spatio-Temporal Representation Learning for Videos by Predicting Motion and Appearance Statistics. , 2019, , .		114
6	Tree Filtering: Efficient Structure-Preserving Smoothing With a Minimum Spanning Tree. IEEE Transactions on Image Processing, 2014, 23, 555-569.	6.0	110
7	Real-Time Exemplar-Based Face Sketch Synthesis. Lecture Notes in Computer Science, 2014, , 800-813.	1.0	86
8	Learning to Hallucinate Face Images via Component Generation and Enhancement. , 2017, , .		75
9	MVF-Net: Multi-View 3D Face Morphable Model Regression. , 2019, , .		71
10	Fast Edge-Preserving PatchMatch for Large Displacement Optical Flow. , 2014, , .		62
11	Fast Edge-Preserving PatchMatch for Large Displacement Optical Flow. IEEE Transactions on Image Processing, 2014, 23, 4996-5006.	6.0	53
12	Model-based 3D Hand Reconstruction via Self-Supervised Learning. , 2021, , .		51
13	Joint Face Hallucination and Deblurring via Structure Generation and Detail Enhancement. International Journal of Computer Vision, 2019, 127, 785-800.	10.9	44
14	Self-Supervised Learning of Detailed 3D Face Reconstruction. IEEE Transactions on Image Processing, 2020, 29, 8696-8705.	6.0	41
15	Decolorization. , 2013, , .		33
16	Joint Hand-Object 3D Reconstruction From a Single Image With Cross-Branch Feature Fusion. IEEE Transactions on Image Processing, 2021, 30, 4008-4021.	6.0	28
17	High-Fidelity 3D Digital Human Head Creation from RGB-D Selfies. ACM Transactions on Graphics, 2022, 41, 1-21.	4.9	27
18	MHP-VOS: Multiple Hypotheses Propagation for Video Object Segmentation. , 2019, , .		25

#	Article	IF	Citations
19	Stylizing face images via multiple exemplars. Computer Vision and Image Understanding, 2017, 162, 135-145.	3.0	22
20	Real-time video decolorization using bilateral filtering. , 2014, , .		14
21	Fast Preprocessing for Robust Face Sketch Synthesis. , 2017, , .		12
22	Modeling Varying Camera-IMU Time Offset in Optimization-Based Visual-Inertial Odometry. Lecture Notes in Computer Science, 2018, , 491-507.	1.0	11
23	UniFaceGAN: A Unified Framework for Temporally Consistent Facial Video Editing. IEEE Transactions on Image Processing, 2021, 30, 6107-6116.	6.0	8
24	Multi-Stage Degradation Homogenization for Super-Resolution of Face Images With Extreme Degradations. IEEE Transactions on Image Processing, 2021, 30, 5600-5612.	6.0	6