Khoa Luu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8188315/publications.pdf

Version: 2024-02-01

66 papers	1,431 citations	759055 12 h-index	610775 24 g-index
67 all docs	67 docs citations	67 times ranked	1127 citing authors

#	Article	IF	Citations
1	CMS-RCNN: Contextual Multi-Scale Region-Based CNN for Unconstrained Face Detection. Advances in Computer Vision and Pattern Recognition, 2017, , 57-79.	0.9	133
2	Age estimation using Active Appearance Models and Support Vector Machine regression. , 2009, , .		88
3	Deep reinforcement learning in medical imaging: A literature review. Medical Image Analysis, 2021, 73, 102193.	7.0	88
4	Investigating age invariant face recognition based on periocular biometrics. , 2011, , .		87
5	Faster than Real-Time Facial Alignment: A 3D Spatial Transformer Network Approach in Unconstrained Poses. , 2017, , .		79
6	Deep reinforcement learning in computer vision: a comprehensive survey. Artificial Intelligence Review, 2022, 55, 2733-2819.	9.7	63
7	Multiple Scale Faster-RCNN Approach to Driverâ€™s Cell-Phone Usage and Hands on Steering Wheel Detection. , 2016, , .		61
8	<italic>Spartans</italic>: Single-Sample Periocular-Based Alignment-Robust Recognition Technique Applied to Non-Frontal Scenarios. IEEE Transactions on Image Processing, 2015, 24, 4780-4795.	6.0	58
9	Temporal Non-volume Preserving Approach to Facial Age-Progression and Age-Invariant Face Recognition. , 2017, , .		56
10	Reformulating Level Sets as Deep Recurrent Neural Network Approach to Semantic Segmentation. IEEE Transactions on Image Processing, 2018, 27, 2393-2407.	6.0	55
11	Seeing Small Faces from Robust Anchor's Perspective. , 2018, , .		47
12	Contourlet appearance model for facial age estimation. , 2011, , .		45
13	Robust Hand Detection and Classification in Vehicles and in the Wild. , 2017, , .		38
14	Longitudinal Face Modeling via Temporal Deep Restricted Boltzmann Machines. , 2016, , .		37
15	MobiFace: A Lightweight Deep Learning Face Recognition on Mobile Devices. , 2019, , .		34
16	Automatic Face Aging in Videos via Deep Reinforcement Learning. , 2019, , .		30
17	Deep contextual recurrent residual networks for scene labeling. Pattern Recognition, 2018, 80, 32-41.	5.1	20
18	Deep Appearance Models: A Deep Boltzmann Machine Approach for Face Modeling. International Journal of Computer Vision, 2019, 127, 437-455.	10.9	20

#	Article	IF	Citations
19	Clusformer: A Transformer based Clustering Approach to Unsupervised Large-scale Face and Visual Landmark Recognition. , 2021, , .		20
20	BiMaL: Bijective Maximum Likelihood Approach to Domain Adaptation in Semantic Scene Segmentation. , 2021, , .		20
21	A robust approach to facial ethnicity classification on large scale face databases. , 2012, , .		19
22	Facial aging and asymmetry decomposition based approaches to identification of twins. Pattern Recognition, 2015, 48, 3843-3856.	5.1	19
23	Vec2Face: Unveil Human Faces From Their Blackbox Features in Face Recognition. , 2020, , .		19
24	DeepSafeDrive: A grammar-aware driver parsing approach to Driver Behavioral Situational Awareness (DB-SAW). Pattern Recognition, 2017, 66, 229-238.	5.1	17
25	Semi self-training beard/moustache detection and segmentation simultaneously. Image and Vision Computing, 2017, 58, 214-223.	2.7	17
26	Towards a deep learning framework for unconstrained face detection. , 2016, , .		15
27	Robust hand detection in Vehicles. , 2016, , .		15
28	Non-convex online robust PCA: Enhance sparsity via â„“ p -norm minimization. Computer Vision and Image Understanding, 2017, 158, 126-140.	3.0	15
29	SparCLeS: Dynamic <formula formulatype="inline"><tex Notation="TeX">ell_{1}</tex></formula> Sparse Classifiers With Level Sets for Robust Beard/Moustache Detection and Segmentation. IEEE Transactions on Image Processing, 2013, 22, 3097-3107.	6.0	13
30	Learning from Longitudinal Face Demonstrationâ€"Where Tractable Deep Modeling Meets Inverse Reinforcement Learning. International Journal of Computer Vision, 2019, 127, 957-971.	10.9	13
31	The Right to Talk: An Audio-Visual Transformer Approach. , 2021, , .		13
32	Spectral Regression based age determination. , 2010, , .		12
33	Beard and mustache segmentation using sparse classifiers on self-quotient images. , 2012, , .		12
34	A facial aging approach to identification of identical twins. , 2012, , .		12
35	Beyond Principal Components: Deep Boltzmann Machines for face modeling. , 2015, , .		12
36	Weakly Supervised Facial Analysis with Dense Hyper-Column Features. , 2016, , .		10

#	Article	IF	Citations
37	A Deep Learning Approach to Joint Face Detection and Segmentation. , 2016, , 1-12.		9
38	Combined local and holistic facial features for age-determination. , 2010, , .		8
39	Facial feature fusion and model selection for age estimation. , 2011, , .		8
40	Movement Analysis for Neurological and Musculoskeletal Disorders Using Graph Convolutional Neural Network. Future Internet, 2021, 13, 194.	2.4	8
41	Kernel spectral regression of perceived age from hybrid facial features. , 2011, , .		7
42	Active Contour Model in Deep Learning Era: A Revise and Review. Studies in Computational Intelligence, 2020, , 231-260.	0.7	7
43	Non-volume preserving-based fusion to group-level emotion recognition on crowd videos. Pattern Recognition, 2022, 128, 108646.	5.1	7
44	IRIS super-resolution via nonparametric over-complete dictionary learning. , 2015, , .		6
45	Flow-Based Deformation Guidance for Unpaired Multi-contrast MRI Image-to-Image Translation. Lecture Notes in Computer Science, 2020, , 728-737.	1.0	6
46	Fast and robust self-training beard/moustache detection and segmentation. , 2015, , .		5
47	Domain Generalization via Universal Non-volume Preserving Approach. , 2020, , .		5
48	Offset Curves Loss for Imbalanced Problem in Medical Segmentation. , 2021, , .		4
49	Fast Flow Reconstruction via Robust Invertible n Ã— n Convolution. Future Internet, 2021, 13, 179.	2.4	4
50	Facecut - a robust approach for facial feature segmentation. , 2012, , .		3
51	Distributed class dependent feature analysis — A big data approach. , 2014, , .		3
52	Depth-based 3D hand pose tracking. , 2016, , .		3
53	Compressed Submanifold Multifactor Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 444-456.	9.7	3
54	Enhancing Interior and Exterior Deep Facial Features for Face Detection in the Wild. , 2018, , .		3

#	Article	IF	Citations
55	Evaluating effects of focal length and viewing angle in a comparison of recent face landmark and alignment methods. Eurasip Journal on Image and Video Processing, 2021, 2021, .	1.7	3
56	A Computer Approach for Face Aging Problems. Lecture Notes in Computer Science, 2010, , 405-409.	1.0	3
57	A robust contour sampling and tensor-based approach to facial beard and mustache shape segmentation and matching. , 2015, , .		2
58	Robust Deep Appearance Models. , 2016, , .		2
59	Lp Norm Relaxation Approach for Large Scale Data Analysis: A Review. Lecture Notes in Computer Science, 2018, , 285-292.	1.0	2
60	Machine learning to identify variables in thermodynamically small systems. Computers and Chemical Engineering, 2020, 141, 106989.	2.0	2
61	PairFlow: Enhancing Portable Chest X-Ray By Flow-Based Deformation For Covid-19 Diagnosing. , 2021, , .		2
62	Hallucinating faces in the dark. , 2012, , .		1
63	Gabor Wavelet-Based Appearance Models. , 2012, , .		1
64	Restricted Boltzmann Machines and Their Extensions for Face Modeling. Biomedical Journal of Scientific & Technical Research, 2017, 1, .	0.0	1
65	A novel energy based filter for cross-blink eye detection. , 2012, , .		0
66	Recurrent Level Set Networks for Instance Segmentation. , 2019, , .		0