

# Yandong Tang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9002957/publications.pdf>

Version: 2024-02-01

86  
papers

1,472  
citations

567144

15  
h-index

434063

31  
g-index

86  
all docs

86  
docs citations

86  
times ranked

1379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discriminative Siamese Complementary Tracker With Flexible Update. IEEE Transactions on Multimedia, 2022, 24, 2766-2778.	5.2	4
2	APAN: Across-Scale Progressive Attention Network for Single Image Deraining. IEEE Signal Processing Letters, 2022, 29, 159-163.	2.1	8
3	Adaptive Learning Attention Network for Underwater Image Enhancement. IEEE Robotics and Automation Letters, 2022, 7, 5326-5333.	3.3	24
4	Context-aware attention-guided network for single image deraining. Electronics Letters, 2022, 58, 148-150.	0.5	1
5	Nonconvex Nonlocal Tucker Decomposition for 3D Medical Image Super-Resolution. Frontiers in Neuroinformatics, 2022, 16, 880301.	1.3	2
6	Dual Aligned Siamese Dense Regression Tracker. IEEE Transactions on Image Processing, 2022, 31, 3630-3643.	6.0	1
7	Shadow Detection for Remote Sensing Images. , 2022, , .		1
8	Effective Tensor Completion via Element-Wise Weighted Low-Rank Tensor Train With Overlapping Ket Augmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7286-7300.	5.6	8
9	Robust 3-D Object Recognition via View-Specific Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7109-7119.	5.9	6
10	Recurrent Generative Adversarial Network for Face Completion. IEEE Transactions on Multimedia, 2021, 23, 429-442.	5.2	26
11	Low-rank decomposition on transformed feature maps domain for image denoising. Visual Computer, 2021, 37, 1899-1915.	2.5	5
12	Structured and Consistent Multi-Layer Multi-Kernel Subtask Correction Filter Tracker. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2328-2342.	5.6	3
13	Tracking-by-Counting: Using Network Flows on Crowd Density Maps for Tracking Multiple Targets. IEEE Transactions on Image Processing, 2021, 30, 1439-1452.	6.0	47
14	Outside Box and Contactless Palm Vein Recognition Based on a Wavelet Denoising ResNet. IEEE Access, 2021, 9, 82471-82484.	2.6	10
15	Temporal pyramid attention-based spatiotemporal fusion model for Parkinson's disease diagnosis from gait data. IET Signal Processing, 2021, 15, 80-87.	0.9	5
16	A Survey of Image Clustering: Taxonomy and Recent Methods. , 2021, , .		2
17	Total Variation Regularized Low-Rank Tensor Decomposition with nonlocal for single image denoising. , 2021, , .		0
18	Dynamic and reliable subtask tracker with general Schatten $\  \cdot \ _p$ -norm regularization. Pattern Recognition, 2021, 120, 108129.	5.1	4

#	ARTICLE	IF	CITATIONS
19	Deep Retinex Network for Single Image Dehazing. IEEE Transactions on Image Processing, 2021, 30, 1100-1115.	6.0	44
20	BA-GAN: Block Attention GAN model for Underwater Image Enhancement. , 2021, , .		3
21	LAF-Net: Local attention fusion for point cloud semantic segmentation. , 2021, , .		0
22	Reliable Multi-Kernel Subtask Graph Correlation Tracker. IEEE Transactions on Image Processing, 2020, 29, 8120-8133.	6.0	1
23	Robust Chromatic Adaptation Based Color Correction Technology for Underwater Images. Applied Sciences (Switzerland), 2020, 10, 6392.	1.3	2
24	Relaxed Low Tensor Train Rank Representation with Structural Smoothness for Hyperspectral Image Super-resolution. , 2020, , .		1
25	Dually Connected Deraining Net Using Pixel-Wise Attention. IEEE Signal Processing Letters, 2020, 27, 316-320.	2.1	13
26	Model-Based Deep Network for Single Image Deraining. IEEE Access, 2020, 8, 14036-14047.	2.6	6
27	Review of palm vein recognition. IET Biometrics, 2020, 9, 1-10.	1.6	45
28	Cyclic Weighted Median Method for $L_{1/2}$ Low-Rank with Nonlocal for Single color image denoising. , 2020, , .		0
29	Stacked dense networks for single-image snow removal. Neurocomputing, 2019, 367, 152-163.	3.5	21
30	Workpiece Identification and Localization Based on Monocular Vision. , 2019, , .		1
31	Computer-Aided WCE Diagnosis Using Convolutional Neural Network and Label Transfer. , 2019, , .		0
32	Laplacian pyramid adversarial network for face completion. Pattern Recognition, 2019, 88, 493-505.	5.1	38
33	Deeply Supervised Face Completion With Multi-Context Generative Adversarial Network. IEEE Signal Processing Letters, 2019, 26, 400-404.	2.1	21
34	Dual-Graph Regularized Discriminative Multitask Tracker. IEEE Transactions on Multimedia, 2018, 20, 2303-2315.	5.2	4
35	Evaluation of shadow features. IET Computer Vision, 2018, 12, 95-103.	1.3	2
36	A Generalized Model for Robust Tensor Factorization With Noise Modeling by Mixture of Gaussians. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5380-5393.	7.2	44

#	ARTICLE	IF	CITATIONS
37	Robust video denoising with sparse and dense noise modelings. Science China Information Sciences, 2018, 61, 1.	2.7	0
38	Switch Unit (SU): A Novel Type of Unit for the Activation Function. , 2018, , .		0
39	Snowflake Removal for Videos via Global and Local Low-Rank Decomposition. IEEE Transactions on Multimedia, 2018, 20, 2659-2669.	5.2	16
40	Single image dehazing by latent regionâ€segmentation based transmission estimation and weighted L 1 â€norm regularisation. IET Image Processing, 2017, 11, 145-154.	1.4	28
41	Specular Reflection Separation With Color-Lines Constraint. IEEE Transactions on Image Processing, 2017, 26, 2327-2337.	6.0	37
42	RGBD Salient Object Detection via Deep Fusion. IEEE Transactions on Image Processing, 2017, 26, 2274-2285.	6.0	291
43	A New Intrinsic-Lighting Color Space for Daytime Outdoor Images. IEEE Transactions on Image Processing, 2017, 26, 1031-1039.	6.0	4
44	Active Trace: A Sparse Spatiotemporal Representation for Videos. IEEE Access, 2017, 5, 22433-22442.	2.6	2
45	Video Desnowing and Deraining Based on Matrix Decomposition. , 2017, , .		114
46	DeshadowNet: A Multi-context Embedding Deep Network for Shadow Removal. , 2017, , .		149
47	Large receptive field convolutional neural network for image super-resolution. , 2017, , .		7
48	Robust tensor factorization with MRF under complex noise. , 2017, , .		0
49	Distance Measurement of Underwater Target Based on Stereo Vision. , 2017, , .		3
50	An Unsupervised Feature learning and clustering method for key frame extraction on human action recognition. , 2017, , .		0
51	Robust Tensor Factorization with Unknown Noise. , 2016, , .		19
52	Nonconvex plus quadratic penalized low-rank and sparse decomposition for noisy image alignment. Science China Information Sciences, 2016, 59, 1.	2.7	13
53	Single image haze removal based on luminance weight prior. , 2016, , .		2
54	Blind Deconvolution with Non-local Similarity and \$l_0\$ Sparsity for Noisy Image. IEEE Signal Processing Letters, 2016, , 1-1.	2.1	0

#	ARTICLE	IF	CITATIONS
55	Scalable gastroscopic video summarization via similar-inhibition dictionary selection. Artificial Intelligence in Medicine, 2016, 66, 1-13.	3.8	31
56	Real-time one-dimensional motion estimation and its application in computer vision. Machine Vision and Applications, 2015, 26, 633-648.	1.7	3
57	Locality constrained low-rank sparse learning for object tracking. , 2015, , .		0
58	Non-rigid point matching via genetic algorithm searching. , 2015, , .		1
59	Computer aided endoscope diagnosis via weakly labeled data mining. , 2015, , .		5
60	Object detection based on scale-invariant partial shape matching. Machine Vision and Applications, 2015, 26, 711-721.	1.7	7
61	Detection and fault diagnosis of power transmission line in infrared image. , 2015, , .		14
62	Automatic gastroscopy video quality assessment. , 2014, , .		1
63	Optimized basis function for spectral reflectance recovery from tristimulus values. Optical Review, 2014, 21, 117-126.	1.2	2
64	Video Anomaly Search in Crowded Scenes via Spatio-Temporal Motion Context. IEEE Transactions on Information Forensics and Security, 2013, 8, 1590-1599.	4.5	108
65	A Real-Time Vision System for Telerobotic Manipulator with Large Time Delay. , 2012, , .		1
66	Self-closed partial shape descriptor for shape retrieval. , 2012, , .		8
67	Active drift correction template tracking algorithm. , 2012, , .		0
68	Object tracking via online metric learning. , 2012, , .		9
69	A Method of Insulator Detection from Video Sequence. , 2012, , .		32
70	Illumination invariant algorithm for face image based on tricolor attenuation theory. , 2012, , .		1
71	Unsupervised progressive structure-from-motion for unordered images. , 2012, , .		0
72	Hand gesture recognition using RGB-D cues. , 2012, , .		7

#	ARTICLE	IF	CITATIONS
73	Efficient registration algorithm for UAV image sequence. , 2011, , .		0
74	An active contour method for tubular object segmentation. , 2011, , .		0
75	Linearity of each channel pixel values from a surface in and out of shadows and its applications. , 2011, , .		17
76	Skew detection in document images based on rectangular active contour. International Journal on Document Analysis and Recognition, 2010, 13, 261-269.	2.7	13
77	Flame Front Detection by Line Enhance Active Contour from OH-PLIF Images. , 2010, , .		2
78	Illumination Compensation for Face Image Using Retinex Method Based on Bilateral Filtering. , 2010, , .		2
79	Flow mosaicking: Real-time pedestrian counting without scene-specific learning. , 2009, , .		45
80	Fast Ball Detection Method for Ping-Pong Playing Robots. , 2009, , .		0
81	Tricolor Attenuation Model for Shadow Detection. IEEE Transactions on Image Processing, 2009, 18, 2355-2363.	6.0	74
82	Flow mosaicking: Real-time pedestrian counting without scene-specific learning. , 2009, , .		0
83	Lunar terrain reconstruction using PDEs. , 2008, , .		0
84	Color Transfer and Retinex Theory Based Illumination Invariance. , 2008, , .		0
85	Feature Matching and Tracking for Visual Odometry of Mobile Robot. , 2008, , .		1
86	An Improved Anisotropic Diffusion PDE for Noise Removal and Edge Preservation. , 2007, , .		0