

Fatih Porikli

List of Publications by Year in descending order

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68
papers

5,272
citations

236833

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197736

49
g-index

68
all docs

68
docs citations

68
times ranked

4150
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidance Through Surrogate: Toward a Generic Diagnostic Attack. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 2042-2053.	7.2	0
2	Dynamical Hyperparameter Optimization via Deep Reinforcement Learning in Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1515-1529.	9.7	122
3	Introduction to the Special Issue on Tensor Decomposition for Signal Processing and Machine Learning. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 433-437.	7.3	0
4	Tensor Decompositions in Wireless Communications and MIMO Radar. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 438-453.	7.3	40
5	Feature mask network for person re-identification. Pattern Recognition Letters, 2020, 137, 91-98.	2.6	28
6	When Correlation Filters Meet Siamese Networks for Real-Time Complementary Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 509-519.	5.6	26
7	Can We See More? Joint Frontalization and Hallucination of Unaligned Tiny Faces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2148-2164.	9.7	24
8	Underwater scene prior inspired deep underwater image and video enhancement. Pattern Recognition, 2020, 98, 107038.	5.1	465
9	Hallucinating Unaligned Face Images by Multiscale Transformative Discriminative Networks. International Journal of Computer Vision, 2020, 128, 500-526.	10.9	30
10	Scale-Aware Crowd Counting via Depth-Embedded Convolutional Neural Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3651-3662.	5.6	20
11	Robust visual tracking with channel attention and focal loss. Neurocomputing, 2020, 401, 295-307.	3.5	18
12	Joint Stereo Video Deblurring, Scene Flow Estimation and Moving Object Segmentation. IEEE Transactions on Image Processing, 2020, 29, 1748-1761.	6.0	23
13	Zero-Shot Object Detection: Joint Recognition and Localization of Novel Concepts. International Journal of Computer Vision, 2020, 128, 2979-2999.	10.9	34
14	Cost-sensitive joint feature and dictionary learning for face recognition. Neurocomputing, 2020, 391, 177-188.	3.5	16
15	CLNet: A Compact Latent Network for Fast Adjusting Siamese Trackers. Lecture Notes in Computer Science, 2020, , 378-395.	1.0	56
16	Robust Object Tracking Using Manifold Regularized Convolutional Neural Networks. IEEE Transactions on Multimedia, 2019, 21, 510-521.	5.2	42
17	Saliency Integration: An Arbitrator Model. IEEE Transactions on Multimedia, 2019, 21, 98-113.	5.2	11
18	Image Deblurring with a Class-Specific Prior. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2112-2130.	9.7	20

#	ARTICLE	IF	CITATIONS
19	Video Saliency Detection via Sparsity-Based Reconstruction and Propagation. IEEE Transactions on Image Processing, 2019, 28, 4819-4831.	6.0	77
20	Feature Affinity-Based Pseudo Labeling for Semi-Supervised Person Re-Identification. IEEE Transactions on Multimedia, 2019, 21, 2891-2902.	5.2	49
21	Real-Time Deep Tracking via Corrective Domain Adaptation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2600-2612.	5.6	13
22	Semantic Face Hallucination: Super-Resolving Very Low-Resolution Face Images with Supplementary Attributes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 42, 1-1.	9.7	17
23	Beyond feature integration: a coarse-to-fine framework for cascade correlation tracking. Machine Vision and Applications, 2019, 30, 519-528.	1.7	5
24	Quadruplet Network With One-Shot Learning for Fast Visual Object Tracking. IEEE Transactions on Image Processing, 2019, 28, 3516-3527.	6.0	155
25	Submodular Function Optimization for Motion Clustering and Image Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2637-2649.	7.2	42
26	Semi-Supervised Video Object Segmentation with Super-Trajectories. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 985-998.	9.7	123
27	Zero-Shot Object Detection: Learning to Simultaneously Recognize and Localize Novel Concepts. Lecture Notes in Computer Science, 2019, , 547-563.	1.0	42
28	Large-Scale Metric Learning: A Voyage From Shallow to Deep. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4339-4346.	7.2	7
29	Imagining the Unimaginable Faces by Deconvolutional Networks. IEEE Transactions on Image Processing, 2018, 27, 2747-2761.	6.0	25
30	A Comprehensive Look at Coding Techniques on Riemannian Manifolds. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5701-5712.	7.2	8
31	Robust Object Tracking by Nonlinear Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4769-4781.	7.2	15
32	Saliency-Aware Video Object Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 20-33.	9.7	376
33	Guest Editorial Introduction to the Special Issue on Large Scale and Nonlinear Similarity Learning for Intelligent Video Analysis. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2441-2448.	5.6	1
34	Hyperparameter Optimization for Tracking with Continuous Deep Q-Learning. , 2018, , .		98
35	End-to-End Feature Integration for Correlation Filter Tracking With Channel Attention. IEEE Signal Processing Letters, 2018, 25, 1815-1819.	2.1	20
36	A Unified Approach for Conventional Zero-Shot, Generalized Zero-Shot, and Few-Shot Learning. IEEE Transactions on Image Processing, 2018, 27, 5652-5667.	6.0	117

#	ARTICLE	IF	CITATIONS
37	Face Super-Resolution Guided by Facial Component Heatmaps. Lecture Notes in Computer Science, 2018, , 219-235.	1.0	121
38	Automatic Refinement Strategies for Manual Initialization of Object Trackers. IEEE Transactions on Image Processing, 2017, 26, 821-835.	6.0	3
39	No fuss metric learning, a Hilbert space scenario. Pattern Recognition Letters, 2017, 98, 83-89.	2.6	13
40	Visual Tracking by Sampling in Part Space. IEEE Transactions on Image Processing, 2017, 26, 5800-5810.	6.0	15
41	Selective Video Object Cutout. IEEE Transactions on Image Processing, 2017, 26, 5645-5655.	6.0	25
42	Category-Specific Object Image Denoising. IEEE Transactions on Image Processing, 2017, 26, 5506-5518.	6.0	25
43	Breaking video into pieces for action recognition. Multimedia Tools and Applications, 2017, 76, 22195-22212.	2.6	1
44	Higher Order Energies for Image Segmentation. IEEE Transactions on Image Processing, 2017, 26, 4911-4922.	6.0	71
45	Optimal Couple Projections for Domain Adaptive Sparse Representation-Based Classification. IEEE Transactions on Image Processing, 2017, 26, 5922-5935.	6.0	16
46	Integrated deep and shallow networks for salient object detection. , 2017, , .		8
47	Hallucinating Very Low-Resolution Unaligned and Noisy Face Images by Transformative Discriminative Autoencoders. , 2017, , .		100
48	Simultaneous Stereo Video Deblurring and Scene Flow Estimation. , 2017, , .		39
49	Multi-scale salient object detection with pyramid spatial pooling. , 2017, , .		5
50	Deep tracking with objectness. , 2017, , .		5
51	Super-Trajectory for Video Segmentation. , 2017, , .		30
52	Robust and real-time deep tracking via multi-scale domain adaptation. , 2017, , .		8
53	Beyond Local Search: Tracking Objects Everywhere with Instance-Specific Proposals. , 2016, , .		161
54	Ultra-Resolving Face Images by Discriminative Generative Networks. Lecture Notes in Computer Science, 2016, , 318-333.	1.0	144

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55	Visual Tracking Under Motion Blur. IEEE Transactions on Image Processing, 2016, 25, 5867-5876.	6.0	65
56	Convolutional neural net bagging for online visual tracking. Computer Vision and Image Understanding, 2016, 153, 120-129.	3.0	21
57	Image set classification by symmetric positive semi-definite matrices. , 2016, , .		14
58	DeepTrack: Learning Discriminative Feature Representations Online for Robust Visual Tracking. IEEE Transactions on Image Processing, 2016, 25, 1834-1848.	6.0	198
59	A Novel Performance Evaluation Methodology for Single-Target Trackers. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2137-2155.	9.7	439
60	Linearization to Nonlinear Learning for Visual Tracking. , 2015, , .		27
61	The Thermal Infrared Visual Object Tracking VOT-TIR2015 Challenge Results. , 2015, , .		41
62	Saliency-aware geodesic video object segmentation. , 2015, , .		312
63	More about VLAD: A leap from Euclidean to Riemannian manifolds. , 2015, , .		32
64	Material Classification on Symmetric Positive Definite Manifolds. , 2015, , .		10
65	Robust Video Object Cosegmentation. IEEE Transactions on Image Processing, 2015, 24, 3137-3148.	6.0	124
66	DeepTrack: Learning Discriminative Feature Representations by Convolutional Neural Networks for Visual Tracking. , 2014, , .		74
67	The Visual Object Tracking VOT2013 Challenge Results. , 2013, , .		154
68	Pedestrian Detection via Classification on Riemannian Manifolds. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1713-1727.	9.7	806