Ming-Hsuan Yang

List of Publications by Year
in descending order

370 papers	58,979 citations	11235 73 h-index	6024 165 g-index
379 all docs	379 docs citations	379 times ranked	21650 citing authors

#	Article	IF	Citations
1	Part-based Tracking via Discriminative Correlation Filters. IEEE Transactions on Circuits and Systems for Video Technology, 2024, , 1-1.	5.6	34
2	Detecting and Tracking of Multiple Mice Using Part Proposal Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9806-9820.	7.2	1
3	TapLab: A Fast Framework for Semantic Video Segmentation Tapping Into Compressed-Domain Knowledge. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1591-1603.	9.7	12
4	Learning to See Through Obstructions With Layered Decomposition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 8387-8402.	9.7	3
5	Toward Real-World Super-Resolution via Adaptive Downsampling Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 8657-8670.	9.7	11
6	Continuous and Diverse Image-to-Image Translation via Signed Attribute Vectors. International Journal of Computer Vision, 2022, 130, 517-549.	10.9	11
7	Correcting Face Distortion in Wide-Angle Videos. IEEE Transactions on Image Processing, 2022, 31, 366-378.	6.0	3
8	Learning Contrastive Representation for Semantic Correspondence. International Journal of Computer Vision, 2022, 130, 1293-1309.	10.9	6
9	Dual Convolutional Neural Networks for Low-Level Vision. International Journal of Computer Vision, 2022, 130, 1440-1458.	10.9	22
10	GAN Inversion: A Survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-17.	9.7	109
11	Deep Image Deblurring: A Survey. International Journal of Computer Vision, 2022, 130, 2103-2130.	10.9	98
12	Antidecay LSTM for Siamese Tracking With Adversarial Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4475-4489.	7.2	10
13	Show, Match and Segment: Joint Weakly Supervised Learning of Semantic Matching and Object Co-Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3632-3647.	9.7	25
14	Physics-Based Generative Adversarial Models for Image Restoration and Beyond. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2449-2462.	9.7	89
15	A Part-Aware Multi-Scale Fully Convolutional Network for Pedestrian Detection. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1125-1137.	4.7	40
16	Unsupervised feature learning for self-tuning neural networks. Neural Networks, 2021, 133, 103-111.	3.3	6
17	MEMC-Net: Motion Estimation and Motion Compensation Driven Neural Network for Video Interpolation and Enhancement. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 933-948.	9.7	191
18	Res2Net: A New Multi-Scale Backbone Architecture. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 652-662.	9.7	1,424

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19	Simultaneous Fidelity and Regularization Learning for Image Restoration. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 284-299.	9.7	54
20	Learning to Localize Sound Sources in Visual Scenes: Analysis and Applications. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1605-1619.	9.7	25
21	Learning Spatially Variant Linear Representation Models for Joint Filtering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	9
22	Regularizing Meta-learning via Gradient Dropout. Lecture Notes in Computer Science, 2021, , 218-234.	1.0	4
23	Learning Recurrent Memory Activation Networks for Visual Tracking. IEEE Transactions on Image Processing, 2021, 30, 725-738.	6.0	6
24	BrcaSeg: A Deep Learning Approach for Tissue Quantification and Genomic Correlations of Histopathological Images. Genomics, Proteomics and Bioinformatics, 2021, 19, 1032-1042.	3.0	9
25	Learning to Caricature via Semantic Shape Transform. International Journal of Computer Vision, 2021, 129, 2663-2679.	10.9	5
26	Deblurring Dynamic Scenes via Spatially Varying Recurrent Neural Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	19
27	Self-attentive 3D human pose and shape estimation from videos. Computer Vision and Image Understanding, 2021, 213, 103305.	3.0	7
28	Decoupled Dynamic Filter Networks. , 2021, , .		55
29	Regularizing Generative Adversarial Networks under Limited Data. , 2021, , .		58
30	Discovering 3D Parts from Image Collections. , 2021, , .		9
31	Progressive Representation Adaptation for Weakly Supervised Object Localization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1424-1438.	9.7	11
32	Subspace Clustering via Good Neighbors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1537-1544.	9.7	50
33	Single Image Dehazing via Multi-scale Convolutional Neural Networks with Holistic Edges. International Journal of Computer Vision, 2020, 128, 240-259.	10.9	210
34	Tracking Persons-of-Interest via Unsupervised Representation Adaptation. International Journal of Computer Vision, 2020, 128, 96-120.	10.9	15
35	Gated Fusion Network for Degraded Image Super Resolution. International Journal of Computer Vision, 2020, 128, 1699-1721.	10.9	21
36	Semi-Supervised Image Dehazing. IEEE Transactions on Image Processing, 2020, 29, 2766-2779.	6.0	133

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37	Transfer learning in computer vision tasks: Remember where you comeÂfrom. Image and Vision Computing, 2020, 93, 103853.	2.7	55
38	Learning Spatial and Spatio-Temporal Pixel Aggregations for Image and Video Denoising. IEEE Transactions on Image Processing, 2020, 29, 7153-7165.	6.0	27
39	WW-Nets: Dual Neural Networks for Object Detection. , 2020, , .		1
40	Multi-Task Deep Dual Correlation Filters for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 9614-9626.	6.0	16
41	PiCANet: Pixel-Wise Contextual Attention Learning for Accurate Saliency Detection. IEEE Transactions on Image Processing, 2020, 29, 6438-6451.	6.0	81
42	Dynamic Scene Deblurring by Depth Guided Model. IEEE Transactions on Image Processing, 2020, 29, 5273-5288.	6.0	29
43	Attribute-Guided Attention for Referring Expression Generation and Comprehension. IEEE Transactions on Image Processing, 2020, 29, 5244-5258.	6.0	16
44	DRIT++: Diverse Image-to-Image Translation via Disentangled Representations. International Journal of Computer Vision, 2020, 128, 2402-2417.	10.9	231
45	UA-DETRAC: A new benchmark and protocol for multi-object detection and tracking. Computer Vision and Image Understanding, 2020, 193, 102907.	3.0	273
46	VOSTR: Video Object Segmentation via Transferable Representations. International Journal of Computer Vision, 2020, 128, 931-949.	10.9	7
47	Weakly-Supervised Semantic Segmentation by Iterative Affinity Learning. International Journal of Computer Vision, 2020, 128, 1736-1749.	10.9	53
48	Exploiting Semantics for Face Image Deblurring. International Journal of Computer Vision, 2020, 128, 1829-1846.	10.9	27
49	Learning Enriched Features for Real Image Restoration and Enhancement. Lecture Notes in Computer Science, 2020, , 492-511.	1.0	253
50	RetrieveGAN: Image Synthesis via Differentiable Patch Retrieval. Lecture Notes in Computer Science, 2020, , 242-257.	1.0	13
51	Exploiting Raw Images for Real-Scene Super-Resolution. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	6
52	Deep Object Tracking with Shrinkage Loss. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	41
53	Self-supervised Single-View 3D Reconstruction via Semantic Consistency. Lecture Notes in Computer Science, 2020, , 677-693.	1.0	42
54	Modeling Artistic Workflows for Image Generation and Editing. Lecture Notes in Computer Science, 2020, , 158-174.	1.0	13

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55	VisDrone-DET2020: The Vision Meets Drone Object Detection in Image Challenge Results. Lecture Notes in Computer Science, 2020, , 692-712.	1.0	10
56	Controllable Image Synthesis via SegVAE. Lecture Notes in Computer Science, 2020, , 159-174.	1.0	10
57	Learnable Cost Volume Using the Cayley Representation. Lecture Notes in Computer Science, 2020, , 483-499.	1.0	7
58	Learning to Deblur Images with Exemplars. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1412-1425.	9.7	57
59	Visual Tracking via Dynamic Graph Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2770-2782.	9.7	38
60	Fast and Accurate Image Super-Resolution with Deep Laplacian Pyramid Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2599-2613.	9.7	486
61	Robust Visual Tracking via Hierarchical Convolutional Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2709-2723.	9.7	136
62	Adversarial Deep Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1998-2011.	5.6	21
63	Detecting Anomalous Trajectories via Recurrent Neural Networks. Lecture Notes in Computer Science, 2019, , 370-382.	1.0	7
64	Re-Thinking CNN Frameworks for Time-Sensitive Autonomous-Driving Applications: Addressing an Industrial Challenge. , 2019, , .		48
65	Self-Supervised Audio Spatialization with Correspondence Classifier. , 2019, , .		10
66	Learning Attribute-Specific Representations for Visual Tracking. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8835-8842.	3.6	33
67	Joint Face Hallucination and Deblurring via Structure Generation and Detail Enhancement. International Journal of Computer Vision, 2019, 127, 785-800.	10.9	44
68	Deep Semantic Matching with Foreground Detection and Cycle-Consistency. Lecture Notes in Computer Science, 2019, , 347-362.	1.0	8
69	LAmbDA: label ambiguous domain adaptation dataset integration reduces batch effects and improves subtype detection. Bioinformatics, 2019, 35, 4696-4706.	1.8	31
70	Low-Light Image Enhancement via a Deep Hybrid Network. IEEE Transactions on Image Processing, 2019, 28, 4364-4375.	6.0	307
71	Person Reidentification by Joint Local Distance Metric and Feature Transformation. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2999-3009.	7.2	11
72	Parallel Coordinate Descent Newton Method for Efficient L_{1} -Regularized Loss Minimization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3233-3245.	7.2	3

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73	Ventral-Dorsal Neural Networks: Object Detection Via Selective Attention. , 2019, , .		14
74	A Fusion Approach for Multi-Frame Optical Flow Estimation. , 2019, , .		41
75	SCOPS: Self-Supervised Co-Part Segmentation. , 2019, , .		72
76	CrDoCo: Pixel-Level Domain Transfer With Cross-Domain Consistency. , 2019, , .		190
77	The Seventh Visual Object Tracking VOT2019 Challenge Results. , 2019, , .		216
78	Spatially Variant Linear Representation Models for Joint Filtering. , 2019, , .		19
79	Im2Pencil: Controllable Pencil Illustration From Photographs. , 2019, , .		35
80	Learning Linear Transformations for Fast Image and Video Style Transfer. , 2019, , .		167
81	Inserting Videos Into Videos. , 2019, , .		11
82	Putting Humans in a Scene: Learning Affordance in 3D Indoor Environments. , 2019, , .		64
83	Depth-Aware Video Frame Interpolation. , 2019, , .		325
84	Target-Aware Deep Tracking. , 2019, , .		304
85	Weakly-Supervised Caricature Face Parsing Through Domain Adaptation. , 2019, , .		6
86	Dynamic Collaborative Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3035-3046.	7.2	9
87	Joint Image Filtering with Deep Convolutional Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1909-1923.	9.7	91
88	Blind Image Deblurring via Deep Discriminative Priors. International Journal of Computer Vision, 2019, 127, 1025-1043.	10.9	78
89	Feature Distilled Tracking. IEEE Transactions on Cybernetics, 2019, 49, 440-452.	6.2	15
90	Interactive Hierarchical Object Proposals. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2552-2566.	5.6	1

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91	Multi-Task Structure-Aware Context Modeling for Robust Keypoint-Based Object Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 915-927.	9.7	14
92	Robust Structural Sparse Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 473-486.	9.7	75
93	Head and Body Orientation Estimation Using Convolutional Random Projection Forests. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 107-120.	9.7	13
94	Learning Multi-Task Correlation Particle Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 365-378.	9.7	136
95	Hedging Deep Features for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1116-1130.	9.7	97
96	Learning Support Correlation Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1158-1172.	9.7	71
97	Structural Constraint Data Association for Online Multi-object Tracking. International Journal of Computer Vision, 2019, 127, 1-21.	10.9	25
98	Mode Seeking Generative Adversarial Networks for Diverse Image Synthesis. , 2019, , .		210
99	Learning from PhotoShop Operation Videos: The PSOV Dataset. Lecture Notes in Computer Science, 2019, , 223-239.	1.0	0
100	Guest Editorial: Vision and Computational Photography and Graphics. Computer Vision and Image Understanding, 2018, 168, 1-2.	3.0	0
101	Structure-Aware Local Sparse Coding for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 3857-3869.	6.0	44
102	Exploiting Spatial-Temporal Locality of Tracking via Structured Dictionary Learning. IEEE Transactions on Image Processing, 2018, 27, 1282-1296.	6.0	17
103	Correlation Particle Filter for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 2676-2687.	6.0	108
104	Deblurring Images via Dark Channel Prior. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2315-2328.	9.7	174
105	Deblurring Low-Light Images with Light Streaks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2329-2341.	9.7	17
106	Semantic-Driven Generation of Hyperlapse from 360 Degree Video. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2610-2621.	2.9	44
107	Hallucinating Compressed Face Images. International Journal of Computer Vision, 2018, 126, 597-614.	10.9	17
108	Ensemble convolutional neural networks for pose estimation. Computer Vision and Image Understanding, 2018, 169, 62-74.	3.0	18

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109	Adaptive Correlation Filters with Long-Term and Short-Term Memory for Object Tracking. International Journal of Computer Vision, 2018, 126, 771-796.	10.9	112
110	Direct pose estimation for planar objects. Computer Vision and Image Understanding, 2018, 172, 50-66.	3.0	6
111	Visual tracking via Boolean map representations. Pattern Recognition, 2018, 81, 147-160.	5.1	35
112	Constrained Superpixel Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1030-1041.	6.2	31
113	Spatiotemporal GMM for Background Subtraction with Superpixel Hierarchy. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1518-1525.	9.7	81
114	Motion Blur Kernel Estimation via Deep Learning. IEEE Transactions on Image Processing, 2018, 27, 194-205.	6.0	107
115	Learning Spatial-Aware Regressions for Visual Tracking. , 2018, , .		147
116	VITAL: VIsual Tracking via Adversarial Learning. , 2018, , .		378
117	Gated Fusion Network for Single Image Dehazing. , 2018, , .		552
118	Weakly Supervised Coupled Networks for Visual Sentiment Analysis. , 2018, , .		95
119	Correlation Tracking via Joint Discrimination and Reliability Learning. , 2018, , .		136
120	Learning Superpixels with Segmentation-Aware Affinity Loss. , 2018, , .		67
121	NTIRE 2018 Challenge on Single Image Super-Resolution: Methods and Results. , 2018, , .		166
122	PiCANet: Learning Pixel-Wise Contextual Attention for Saliency Detection. , 2018, , .		532
123	SPLATNet: Sparse Lattice Networks for Point Cloud Processing. , 2018, , .		441
124	Learning to Localize Sound Source in Visual Scenes. , 2018, , .		182
125	Learning Video-Story Composition via Recurrent Neural Network. , 2018, , .		4
126	Learning Dual Convolutional Neural Networks for Low-Level Vision. , 2018, , .		122

#	ARTICLE	IF	CITATIONS
127	NTIRE 2018 Challenge on Image Dehazing: Methods and Results. , 2018, , .		80
128	Learning Spatial-Temporal Regularized Correlation Filters for Visual Tracking. , 2018, , .		571
129	Learning to Adapt Structured Output Space for Semantic Segmentation. , 2018, , .		924
130	Learning a Discriminative Prior for Blind Image Deblurring. , 2018, , .		99
131	Making OpenVX Really "Real Time". , 2018, , .		25
132	Fast and Accurate Online Video Object Segmentation via Tracking Parts. , 2018, , .		180
133	Deep Semantic Face Deblurring. , 2018, , .		130
134	NTIRE 2018 Challenge on Spectral Reconstruction from RGB Images. , 2018, , .		58
135	Dynamic Scene Deblurring Using Spatially Variant Recurrent Neural Networks. , 2018, , .		232
136	Super SloMo: High Quality Estimation of Multiple Intermediate Frames for Video Interpolation. , 2018, , .		477
137	Deep Regression Tracking with Shrinkage Loss. Lecture Notes in Computer Science, 2018, , 369-386.	1.0	155
138	Composing Semantic Collage for Image Retargeting. IEEE Transactions on Image Processing, 2018, 27, 5032-5043.	6.0	21
139	Superpixel Hierarchy. IEEE Transactions on Image Processing, 2018, 27, 4838-4849.	6.0	67
140	Domain Adaptation Tracker With Global and Local Searching. IEEE Access, 2018, 6, 42997-43008.	2.6	0
141	Dynamic Match Kernel With Deep Convolutional Features for Image Retrieval. IEEE Transactions on Image Processing, 2018, 27, 5288-5302.	6.0	29
142	A Closed-Form Solution to Photorealistic Image Stylization. Lecture Notes in Computer Science, 2018, , 468-483.	1.0	180
143	Online Multi-Object Tracking with Dual Matching Attention Networks. Lecture Notes in Computer Science, 2018, , 379-396.	1.0	207
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145	Flow-Grounded Spatial-Temporal Video Prediction from Still Images. Lecture Notes in Computer Science, 2018, , 609-625.	1.0	59
146	Diverse Image-to-Image Translation via Disentangled Representations. Lecture Notes in Computer Science, 2018, , 36-52.	1.0	545
147	Learning Blind Video Temporal Consistency. Lecture Notes in Computer Science, 2018, , 179-195.	1.0	136
148	CoVieW'18. , 2018, , .		0
149	Robust Object Tracking via Locality Sensitive Histograms. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1006-1017.	5.6	17
150	L_0 -Regularized Intensity and Gradient Prior for Deblurring Text Images and Beyond. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 342-355.	9.7	225
151	Top-Down Visual Saliency via Joint CRF and Dictionary Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 576-588.	9.7	123
152	Data-Dependent Label Distribution Learning for Age Estimation. IEEE Transactions on Image Processing, 2017, 26, 3846-3858.	6.0	72
153	Dual Deep Network for Visual Tracking. IEEE Transactions on Image Processing, 2017, 26, 2005-2015.	6.0	98
154	Learning a no-reference quality metric for single-image super-resolution. Computer Vision and Image Understanding, 2017, 158, 1-16.	3.0	340
155	An Evaluation of the NVIDIA TX1 for Supporting Real-Time Computer-Vision Workloads. , 2017, , .		67
156	Crowd Behavior Analysis via Curl and Divergence of Motion Trajectories. International Journal of Computer Vision, 2017, 123, 499-519.	10.9	27
157	DenseTracker: A multi-task dense network for visual tracking. , 2017, , .		5
158	Stylizing face images via multiple exemplars. Computer Vision and Image Understanding, 2017, 162, 135-145.	3.0	22
159	NTIRE 2017 Challenge on Single Image Super-Resolution: Methods and Results. , 2017, , .		645
160	Deep Laplacian Pyramid Networks for Fast and Accurate Super-Resolution. , 2017, , .		1,643
161	Co-Bootstrapping Saliency. IEEE Transactions on Image Processing, 2017, 26, 414-425.	6.0	20
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163	Online multi-object tracking via robust collaborative model and sample selection. Computer Vision and Image Understanding, 2017, 154, 94-107.	3.0	22
164	Ranking Saliency. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1892-1904.	9.7	91
165	Adaptive Compressive Tracking via Online Vector Boosting Feature Selection. IEEE Transactions on Cybernetics, 2017, 47, 4289-4301.	6.2	14
166	An Efficient Globally Optimal Algorithm for Asymmetric Point Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1281-1293.	9.7	28
167	Vision-Based Positioning for Internet-of-Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 364-376.	4.7	28
168	Learning to Super-Resolve Blurry Face and Text Images. , 2017, , .		152
169	The Visual Object Tracking VOT2017 Challenge Results. , 2017, , .		255
170	[POSTER] A Benchmark Dataset for 6DoF Object Pose Tracking. , 2017, , .		14
171	Blind Image Deblurring with Outlier Handling. , 2017, , .		60
172	Referring Expression Generation and Comprehension via Attributes. , 2017, , .		82
173	Learning Fully Convolutional Networks for Iterative Non-blind Deconvolution. , 2017, , .		110
174	Diversified Texture Synthesis with Feed-Forward Networks. , 2017, , .		171
175	Deep Image Harmonization. , 2017, , .		147
176	Multi-task Correlation Particle Filter for Robust Object Tracking. , 2017, , .		308
177	Online multiple object tracking via flow and convolutional features. , 2017, , .		11
178	Learning to tell brake and turn signals in videos using CNN-LSTM structure. , 2017, , .		15
179	DodecaPen. , 2017, , .		50
180	SegFlow: Joint Learning for Video Object Segmentation and Optical Flow. , 2017, , .		313

#	Article	IF	Citations
181	CREST: Convolutional Residual Learning for Visual Tracking. , 2017, , .		400
182	CoupleNet: Coupling Global Structure with Local Parts for Object Detection. , 2017, , .		198
183	Unsupervised Representation Learning by Sorting Sequences. , 2017, , .		316
184	Scene Parsing with Global Context Embedding. , 2017, , .		39
185	Generative Face Completion. , 2017, , .		400
186	Object tracking via online trajectory optimization with multi-feature fusion. , 2017, , .		7
187	Unsupervised Domain Adaptation for Face Recognition in Unlabeled Videos. , 2017, , .		74
188	Integrating Boundary and Center Correlation Filters for Visual Tracking with Aspect Ratio Variation. , 2017, , .		86
189	Learning Discriminative Data Fitting Functions for Blind Image Deblurring. , 2017, , .		21
190	Video Deblurring via Semantic Segmentation and Pixel-Wise Non-linear Kernel. , 2017, , .		67
191	Natural Facial and Head Behavior Recognition using Dictionary of Motion Primitives. IEICE Transactions on Information and Systems, 2017, E100.D, 2993-3000.	0.4	0
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193	Fast Preprocessing for Robust Face Sketch Synthesis. , 2017, , .		12
194	Learning to Hallucinate Face Images via Component Generation and Enhancement. , 2017, , .		75
195	Face Parsing via Recurrent Propagation. , 2017, , .		32
196	Weakly-Supervised Video Scene Co-parsing. Lecture Notes in Computer Science, 2017, , 20-36.	1.0	4
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198	Object Tracking via Dual Linear Structured SVM and Explicit Feature Map. , 2016, , .		179

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200	Image Deblurring Using Smartphone Inertial Sensors. , 2016, , .		23
201	Object Contour Detection with a Fully Convolutional Encoder-Decoder Network. , 2016, , .		258
202	Online Multi-object Tracking via Structural Constraint Event Aggregation. , 2016, , .		106
203	Video Segmentation via Object Flow. , 2016, , .		232
204	Soft-Segmentation Guided Object Motion Deblurring. , 2016, , .		73
205	Learning to tell brake lights with convolutional features. , 2016, , .		8
206	Robust Kernel Estimation with Outliers Handling for Image Deblurring. , 2016, , .		70
207	Real-Time Salient Object Detection with a Minimum Spanning Tree. , 2016, , .		192
208	Unsupervised Visual Representation Learning by Graph-Based Consistent Constraints. Lecture Notes in Computer Science, 2016, , 678-694.	1.0	29
209	Visual Tracking Under Motion Blur. IEEE Transactions on Image Processing, 2016, 25, 5867-5876.	6.0	65
210	Pedestrian detection in crowded scenes via scale and occlusion analysis. , 2016, , .		13
211	Learning Recursive Filters for Low-Level Vision via a Hybrid Neural Network. Lecture Notes in Computer Science, 2016, , 560-576.	1.0	90
212	Visual Tracking via Coarse and Fine Structural Local Sparse Appearance Models. IEEE Transactions on Image Processing, 2016, 25, 4555-4564.	6.0	41
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#	Article	IF	Citations
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218	Image Deblurring via Enhanced Low-Rank Prior. IEEE Transactions on Image Processing, 2016, 25, 3426-3437.	6.0	165
219	DeepSaliency: Multi-Task Deep Neural Network Model for Salient Object Detection. IEEE Transactions on Image Processing, 2016, 25, 3919-3930.	6.0	418
220	Direct 3D pose estimation of a planar target. , 2016, , .		5
221	Dense and Sparse Reconstruction Error Based Saliency Descriptor. IEEE Transactions on Image Processing, 2016, 25, 1592-1603.	6.0	86
222	Robust Visual Tracking via Convolutional Networks without Training. IEEE Transactions on Image Processing, 2016, 25, 1-1.	6.0	269
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226	Interacting Multiview Tracker. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 903-917.	9.7	27
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229	NUS-PRO: A New Visual Tracking Challenge. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 335-349.	9.7	129
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