

Ming-Hsuan Yang

List of Publications by Year in descending order

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370
papers

58,979
citations

9756

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165
g-index

379
all docs

379
docs citations

379
times ranked

19391
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Object Tracking: A Benchmark. , 2013, , .		2,834
2	Incremental Learning for Robust Visual Tracking. International Journal of Computer Vision, 2008, 77, 125-141.	10.9	2,755
3	Object Tracking Benchmark. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 1834-1848.	9.7	2,674
4	Detecting faces in images: a survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 34-58.	9.7	2,549
5	Robust Object Tracking with Online Multiple Instance Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1619-1632.	9.7	1,766
6	Deep Laplacian Pyramid Networks for Fast and Accurate Super-Resolution. , 2017, , .		1,643
7	Saliency Detection via Graph-Based Manifold Ranking. , 2013, , .		1,642
8	Res2Net: A New Multi-Scale Backbone Architecture. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 652-662.	9.7	1,424
9	Hierarchical Convolutional Features for Visual Tracking. , 2015, , .		1,250
10	Visual tracking with online Multiple Instance Learning. , 2009, , .		1,027
11	Learning to Adapt Structured Output Space for Semantic Segmentation. , 2018, , .		924
12	Real-Time Compressive Tracking. Lecture Notes in Computer Science, 2012, , 864-877.	1.0	911
13	Single Image Dehazing via Multi-scale Convolutional Neural Networks. Lecture Notes in Computer Science, 2016, , 154-169.	1.0	808
14	Long-term correlation tracking. , 2015, , .		671
15	NTIRE 2017 Challenge on Single Image Super-Resolution: Methods and Results. , 2017, , .		645
16	Robust object tracking via sparsity-based collaborative model. , 2012, , .		624
17	Learning Spatial-Temporal Regularized Correlation Filters for Visual Tracking. , 2018, , .		571
18	Gated Fusion Network for Single Image Dehazing. , 2018, , .		552

#	ARTICLE	IF	CITATIONS
19	Diverse Image-to-Image Translation via Disentangled Representations. Lecture Notes in Computer Science, 2018, , 36-52.	1.0	545
20	Spatial-Depth Super Resolution for Range Images. , 2007, , .		539
21	PiCANet: Learning Pixel-Wise Contextual Attention for Saliency Detection. , 2018, , .		532
22	Hedged Deep Tracking. , 2016, , .		521
23	Saliency Detection via Dense and Sparse Reconstruction. , 2013, , .		508
24	Learning gender with support faces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 707-711.	9.7	503
25	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
26	Fast Compressive Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2002-2015.	9.7	479
27	Blind Image Deblurring Using Dark Channel Prior. , 2016, , .		478
28	Super SloMo: High Quality Estimation of Multiple Intermediate Frames for Video Interpolation. , 2018, , .		477
29	Deep networks for saliency detection via local estimation and global search. , 2015, , .		456
30	Visual tracking via adaptive structural local sparse appearance model. , 2012, , .		441
31	SPLATNet: Sparse Lattice Networks for Point Cloud Processing. , 2018, , .		441
32	Saliency Detection via Absorbing Markov Chain. , 2013, , .		425
33	Online Object Tracking With Sparse Prototypes. IEEE Transactions on Image Processing, 2013, 22, 314-325.	6.0	424
34	DeepSaliency: Multi-Task Deep Neural Network Model for Salient Object Detection. IEEE Transactions on Image Processing, 2016, 25, 3919-3930.	6.0	418
35	Fast Visual Tracking via Dense Spatio-temporal Context Learning. Lecture Notes in Computer Science, 2014, , 127-141.	1.0	413
36	CREST: Convolutional Residual Learning for Visual Tracking. , 2017, , .		400

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37	Generative Face Completion. , 2017, , .		400
38	VITAL: Visual Tracking via Adversarial Learning. , 2018, , .		378
39	Learning a no-reference quality metric for single-image super-resolution. Computer Vision and Image Understanding, 2017, 158, 1-16.	3.0	340
40	Robust Object Tracking via Sparse Collaborative Appearance Model. IEEE Transactions on Image Processing, 2014, 23, 2356-2368.	6.0	331
41	Single-Image Super-Resolution: A Benchmark. Lecture Notes in Computer Science, 2014, , 372-386.	1.0	326
42	Depth-Aware Video Frame Interpolation. , 2019, , .		325
43	Robust Superpixel Tracking. IEEE Transactions on Image Processing, 2014, 23, 1639-1651.	6.0	324
44	Unsupervised Representation Learning by Sorting Sequences. , 2017, , .		316
45	SegFlow: Joint Learning for Video Object Segmentation and Optical Flow. , 2017, , .		313
46	Multi-task Correlation Particle Filter for Robust Object Tracking. , 2017, , .		308
47	Low-Light Image Enhancement via a Deep Hybrid Network. IEEE Transactions on Image Processing, 2019, 28, 4364-4375.	6.0	307
48	Target-Aware Deep Tracking. , 2019, , .		304
49	Real-time part-based visual tracking via adaptive correlation filters. , 2015, , .		279
50	Bayesian Saliency via Low and Mid Level Cues. IEEE Transactions on Image Processing, 2013, 22, 1689-1698.	6.0	276
51	Robust Visual Tracking Via Consistent Low-Rank Sparse Learning. International Journal of Computer Vision, 2015, 111, 171-190.	10.9	274
52	UA-DETRAC: A new benchmark and protocol for multi-object detection and tracking. Computer Vision and Image Understanding, 2020, 193, 102907.	3.0	273
53	A Comparative Study for Single Image Blind Deblurring. , 2016, , .		270
54	Robust Visual Tracking via Convolutional Networks without Training. IEEE Transactions on Image Processing, 2016, 25, 1-1.	6.0	269

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55	Extraction of 2D motion trajectories and its application to hand gesture recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 1061-1074.	9.7	268
56	Real time robust L1 tracker using accelerated proximal gradient approach. , 2012, , .		264
57	Object Contour Detection with a Fully Convolutional Encoder-Decoder Network. , 2016, , .		258
58	The Visual Object Tracking VOT2017 Challenge Results. , 2017, , .		255
59	Learning Enriched Features for Real Image Restoration and Enhancement. Lecture Notes in Computer Science, 2020, , 492-511.	1.0	253
60	Fast Direct Super-Resolution by Simple Functions. , 2013, , .		249
61	Visual Tracking via Locality Sensitive Histograms. , 2013, , .		237
62	Video Segmentation via Object Flow. , 2016, , .		232
63	Dynamic Scene Deblurring Using Spatially Variant Recurrent Neural Networks. , 2018, , .		232
64	DRIT++: Diverse Image-to-Image Translation via Disentangled Representations. International Journal of Computer Vision, 2020, 128, 2402-2417.	10.9	231
65	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
66	Salient object detection via bootstrap learning. , 2015, , .		223
67	Deblurring Text Images via L_0 -Regularized Intensity and Gradient Prior. , 2014, , .		222
68	The Seventh Visual Object Tracking VOT2019 Challenge Results. , 2019, , .		216
69	Single Image Dehazing via Multi-scale Convolutional Neural Networks with Holistic Edges. International Journal of Computer Vision, 2020, 128, 240-259.	10.9	210
70	Mode Seeking Generative Adversarial Networks for Diverse Image Synthesis. , 2019, , .		210
71	Online Multi-Object Tracking with Dual Matching Attention Networks. Lecture Notes in Computer Science, 2018, , 379-396.	1.0	207
72	Visual tracking and recognition using probabilistic appearance manifolds. Computer Vision and Image Understanding, 2005, 99, 303-331.	3.0	202

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73	Supapixel tracking. , 2011, , .		199
74	Least Soft-Threshold Squares Tracking. , 2013, , .		198
75	CoupleNet: Coupling Global Structure with Local Parts for Object Detection. , 2017, , .		198
76	Real-Time Salient Object Detection with a Minimum Spanning Tree. , 2016, , .		192
77	Efficient Minimum Error Bounded Particle Resampling L1 Tracker With Occlusion Detection. IEEE Transactions on Image Processing, 2013, 22, 2661-2675.	6.0	191
78	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
79	CrDoCo: Pixel-Level Domain Transfer With Cross-Domain Consistency. , 2019, , .		190
80	Real-Time Object Tracking Via Online Discriminative Feature Selection. IEEE Transactions on Image Processing, 2013, 22, 4664-4677.	6.0	189
81	Learning to Localize Sound Source in Visual Scenes. , 2018, , .		182
82	Fast and Accurate Online Video Object Segmentation via Tracking Parts. , 2018, , .		180
83	A Closed-Form Solution to Photorealistic Image Stylization. Lecture Notes in Computer Science, 2018, , 468-483.	1.0	180
84	Object Tracking via Dual Linear Structured SVM and Explicit Feature Map. , 2016, , .		179
85	Deblurring Images via Dark Channel Prior. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2315-2328.	9.7	174
86	Diversified Texture Synthesis with Feed-Forward Networks. , 2017, , .		171
87	<title>Gaussian mixture model for human skin color and its applications in image and video databases</title>. , 1998, 3656, 458.		169
88	Learning Linear Transformations for Fast Image and Video Style Transfer. , 2019, , .		167
89	NTIRE 2018 Challenge on Single Image Super-Resolution: Methods and Results. , 2018, , .		166
90	Image Deblurring via Enhanced Low-Rank Prior. IEEE Transactions on Image Processing, 2016, 25, 3426-3437.	6.0	165

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91	Deep Regression Tracking with Shrinkage Loss. Lecture Notes in Computer Science, 2018, , 369-386.	1.0	155
92	Object Tracking via Partial Least Squares Analysis. IEEE Transactions on Image Processing, 2012, 21, 4454-4465.	6.0	153
93	Learning to Super-Resolve Blurry Face and Text Images. , 2017, , .		152
94	Video Tracking Using Learned Hierarchical Features. IEEE Transactions on Image Processing, 2015, 24, 1424-1435.	6.0	149
95	Deep Image Harmonization. , 2017, , .		147
96	Learning Spatial-Aware Regressions for Visual Tracking. , 2018, , .		147
97	Correlation Tracking via Joint Discrimination and Reliability Learning. , 2018, , .		136
98	Robust Visual Tracking via Hierarchical Convolutional Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2709-2723.	9.7	136
99	Learning Multi-Task Correlation Particle Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 365-378.	9.7	136
100	Learning Blind Video Temporal Consistency. Lecture Notes in Computer Science, 2018, , 179-195.	1.0	136
101	Bayesian Multi-object Tracking Using Motion Context from Multiple Objects. , 2015, , .		135
102	Superpixel Sampling Networks. Lecture Notes in Computer Science, 2018, , 363-380.	1.0	134
103	Semi-Supervised Image Dehazing. IEEE Transactions on Image Processing, 2020, 29, 2766-2779.	6.0	133
104	Deep Semantic Face Deblurring. , 2018, , .		130
105	NUS-PRO: A New Visual Tracking Challenge. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 335-349.	9.7	129
106	Transferring Visual Prior for Online Object Tracking. IEEE Transactions on Image Processing, 2012, 21, 3296-3305.	6.0	124
107	Structural Sparse Tracking. , 2015, , .		124
108	Deep Joint Image Filtering. Lecture Notes in Computer Science, 2016, , 154-169.	1.0	124

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109	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
110	Learning Dual Convolutional Neural Networks for Low-Level Vision. , 2018, , .		122
111	Deblurring Low-Light Images with Light Streaks. , 2014, , .		120
112	Minimum error bounded efficient ℓ<inf>1</inf> tracker with occlusion detection. , 2011, , .		118
113	Video-based face recognition using probabilistic appearance manifolds. , 0, , .		117
114	Visual tracking using learned linear subspaces. , 0, , .		114
115	Structured Face Hallucination. , 2013, , .		113
116	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
117	Tree Filtering: Efficient Structure-Preserving Smoothing With a Minimum Spanning Tree. IEEE Transactions on Image Processing, 2014, 23, 555-569.	6.0	110
118	Learning Fully Convolutional Networks for Iterative Non-blind Deconvolution. , 2017, , .		110
119	GAN Inversion: A Survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-17.	9.7	109
120	Context Driven Scene Parsing with Attention to Rare Classes. , 2014, , .		108
121	Correlation Particle Filter for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 2676-2687.	6.0	108
122	Motion Blur Kernel Estimation via Deep Learning. IEEE Transactions on Image Processing, 2018, 27, 194-205.	6.0	107
123	Online Multi-object Tracking via Structural Constraint Event Aggregation. , 2016, , .		106
124	Online discriminative object tracking with local sparse representation. , 2012, , .		104
125	Learning a Discriminative Prior for Blind Image Deblurring. , 2018, , .		99
126	Dual Deep Network for Visual Tracking. IEEE Transactions on Image Processing, 2017, 26, 2005-2015.	6.0	98

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127	Deep Image Deblurring: A Survey. International Journal of Computer Vision, 2022, 130, 2103-2130.	10.9	98
128	Hedging Deep Features for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1116-1130.	9.7	97
129	Online Sparse Gaussian Process Regression and Its Applications. IEEE Transactions on Image Processing, 2011, 20, 391-404.	6.0	95
130	Weakly Supervised Coupled Networks for Visual Sentiment Analysis. , 2018, , .		95
131	Inverse Sparse Tracker With a Locally Weighted Distance Metric. IEEE Transactions on Image Processing, 2015, 24, 2646-2657.	6.0	94
132	Real-Time Probabilistic Covariance Tracking With Efficient Model Update. IEEE Transactions on Image Processing, 2012, 21, 2824-2837.	6.0	92
133	Ranking Saliency. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1892-1904.	9.7	91
134	Joint Image Filtering with Deep Convolutional Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1909-1923.	9.7	91
135	Learning Recursive Filters for Low-Level Vision via a Hybrid Neural Network. Lecture Notes in Computer Science, 2016, , 560-576.	1.0	90
136	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
137	Visual Tracking via Online Nonnegative Matrix Factorization. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 374-383.	5.6	87
138	Dense and Sparse Reconstruction Error Based Saliency Descriptor. IEEE Transactions on Image Processing, 2016, 25, 1592-1603.	6.0	86
139	Integrating Boundary and Center Correlation Filters for Visual Tracking with Aspect Ratio Variation. , 2017, , .		86
140	Real-Time Exemplar-Based Face Sketch Synthesis. Lecture Notes in Computer Science, 2014, , 800-813.	1.0	86
141	Deblurring Face Images with Exemplars. Lecture Notes in Computer Science, 2014, , 47-62.	1.0	84
142	Fast Human Pose Estimation using Appearance and Motion via Multi-Dimensional Boosting Regression. , 2007, , .		83
143	Discriminative vessel segmentation in retinal images by fusing context-aware hybrid features. Machine Vision and Applications, 2014, 25, 1779-1792.	1.7	83
144	Referring Expression Generation and Comprehension via Attributes. , 2017, , .		82

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145	Spatiotemporal GMM for Background Subtraction with Superpixel Hierarchy. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1518-1525.	9.7	81
146	PiCANet: Pixel-Wise Contextual Attention Learning for Accurate Saliency Detection. IEEE Transactions on Image Processing, 2020, 29, 6438-6451.	6.0	81
147	Exploiting Self-similarities for Single Frame Super-Resolution. Lecture Notes in Computer Science, 2011, , 497-510.	1.0	81
148	NTIRE 2018 Challenge on Image Dehazing: Methods and Results. , 2018, , .		80
149	Blurred target tracking by Blur-driven Tracker. , 2011, , .		79
150	JOTS: Joint Online Tracking and Segmentation. , 2015, , .		79
151	Blind Image Deblurring via Deep Discriminative Priors. International Journal of Computer Vision, 2019, 127, 1025-1043.	10.9	78
152	Robust Structural Sparse Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 473-486.	9.7	75
153	Learning to Hallucinate Face Images via Component Generation and Enhancement. , 2017, , .		75
154	Unsupervised Domain Adaptation for Face Recognition in Unlabeled Videos. , 2017, , .		74
155	Soft-Segmentation Guided Object Motion Deblurring. , 2016, , .		73
156	Data-Dependent Label Distribution Learning for Age Estimation. IEEE Transactions on Image Processing, 2017, 26, 3846-3858.	6.0	72
157	SCOPS: Self-Supervised Co-Part Segmentation. , 2019, , .		72
158	Learning Support Correlation Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1158-1172.	9.7	71
159	What Makes an Object Memorable?. , 2015, , .		70
160	Interactive Cosegmentation Using Global and Local Energy Optimization. IEEE Transactions on Image Processing, 2015, 24, 3966-3977.	6.0	70
161	Robust Kernel Estimation with Outliers Handling for Image Deblurring. , 2016, , .		70
162	Good Regions to Deblur. Lecture Notes in Computer Science, 2012, , 59-72.	1.0	70

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163	An Evaluation of the NVIDIA TX1 for Supporting Real-Time Computer-Vision Workloads. , 2017, , .		67
164	Video Deblurring via Semantic Segmentation and Pixel-Wise Non-linear Kernel. , 2017, , .		67
165	Learning Superpixels with Segmentation-Aware Affinity Loss. , 2018, , .		67
166	Superpixel Hierarchy. IEEE Transactions on Image Processing, 2018, 27, 4838-4849.	6.0	67
167	Robust Visual Tracking via Least Soft-Threshold Squares. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1709-1721.	5.6	66
168	Visual Tracking Under Motion Blur. IEEE Transactions on Image Processing, 2016, 25, 5867-5876.	6.0	65
169	Putting Humans in a Scene: Learning Affordance in 3D Indoor Environments. , 2019, , .		64
170	Joint Depth Estimation and Camera Shake Removal from Single Blurry Image. , 2014, , .		62
171	Kernel collaborative face recognition. Pattern Recognition, 2015, 48, 3025-3037.	5.1	61
172	Blind Image Deblurring with Outlier Handling. , 2017, , .		60
173	Flow-Grounded Spatial-Temporal Video Prediction from Still Images. Lecture Notes in Computer Science, 2018, , 609-625.	1.0	59
174	Introduction to the special section on real-world face recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1921-1924.	9.7	58
175	NTIRE 2018 Challenge on Spectral Reconstruction from RGB Images. , 2018, , .		58
176	Regularizing Generative Adversarial Networks under Limited Data. , 2021, , .		58
177	Learning to Deblur Images with Exemplars. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1412-1425.	9.7	57
178	Transfer learning in computer vision tasks: Remember where you come from. Image and Vision Computing, 2020, 93, 103853.	2.7	55
179	Decoupled Dynamic Filter Networks. , 2021, , .		55
180	Visual tracking with histograms and articulating blocks. , 2008, , .		54

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181	Simultaneous Fidelity and Regularization Learning for Image Restoration. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 284-299.	9.7	54
182	Weakly-Supervised Semantic Segmentation by Iterative Affinity Learning. International Journal of Computer Vision, 2020, 128, 1736-1749.	10.9	53
183	3D Human Motion Tracking with a Coordinated Mixture of Factor Analyzers. International Journal of Computer Vision, 2010, 87, 170-190.	10.9	52
184	Semantic Co-segmentation in Videos. Lecture Notes in Computer Science, 2016, , 760-775.	1.0	52
185	Learning to Recognize Three-Dimensional Objects. Neural Computation, 2002, 14, 1071-1103.	1.3	51
186	Robust Visual Tracking via Multiple Kernel Boosting With Affinity Constraints. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 242-254.	5.6	51
187	Online visual tracking with histograms and articulating blocks. Computer Vision and Image Understanding, 2010, 114, 901-914.	3.0	50
188	Exploiting Hierarchical Dense Structures on Hypergraphs for Multi-Object Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1983-1996.	9.7	50
189	DodecaPen. , 2017, , .		50
190	Subspace Clustering via Good Neighbors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1537-1544.	9.7	50
191	Sky is not the limit. ACM Transactions on Graphics, 2016, 35, 1-11.	4.9	49
192	Re-Thinking CNN Frameworks for Time-Sensitive Autonomous-Driving Applications: Addressing an Industrial Challenge. , 2019, , .		48
193	Adaptive Probabilistic Visual Tracking with Incremental Subspace Update. Lecture Notes in Computer Science, 2004, , 470-482.	1.0	46
194	Multi-instance object segmentation with occlusion handling. , 2015, , .		45
195	Real-time visual tracking via Incremental Covariance Tensor Learning. , 2009, , .		44
196	Single image deblurring with adaptive dictionary learning. , 2010, , .		44
197	Structure-Aware Local Sparse Coding for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 3857-3869.	6.0	44
198	Semantic-Driven Generation of Hyperlapse from 360 Degree Video. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2610-2621.	2.9	44

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199	Joint Face Hallucination and Deblurring via Structure Generation and Detail Enhancement. International Journal of Computer Vision, 2019, 127, 785-800.	10.9	44
200	Self-supervised Single-View 3D Reconstruction via Semantic Consistency. Lecture Notes in Computer Science, 2020, , 677-693.	1.0	42
201	Visual Tracking via Coarse and Fine Structural Local Sparse Appearance Models. IEEE Transactions on Image Processing, 2016, 25, 4555-4564.	6.0	41
202	A Fusion Approach for Multi-Frame Optical Flow Estimation. , 2019, , .		41
203	Deep Object Tracking with Shrinkage Loss. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	9.7	41
204	A Part-Aware Multi-Scale Fully Convolutional Network for Pedestrian Detection. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1125-1137.	4.7	40
205	An experimental comparison of online object-tracking algorithms. Proceedings of SPIE, 2011, , .	0.8	39
206	Scene Parsing with Global Context Embedding. , 2017, , .		39
207	Learning to Estimate Human Pose with Data Driven Belief Propagation. , 0, , .		38
208	Visual Tracking via Dynamic Graph Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2770-2782.	9.7	38
209	Robust Object Tracking Via Active Feature Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1957-1967.	5.6	37
210	Visual tracking via Boolean map representations. Pattern Recognition, 2018, 81, 147-160.	5.1	35
211	Im2Pencil: Controllable Pencil Illustration From Photographs. , 2019, , .		35
212	Part-based Tracking via Discriminative Correlation Filters. IEEE Transactions on Circuits and Systems for Video Technology, 2024, , 1-1.	5.6	34
213	Learning Attribute-Specific Representations for Visual Tracking. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8835-8842.	3.6	33
214	Fast Non-uniform Deblurring using Constrained Camera Pose Subspace. , 2012, , .		33
215	An Ensemble Color Model for Human Re-identification. , 2015, , .		32
216	Face Parsing via Recurrent Propagation. , 2017, , .		32

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217	Constrained Superpixel Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1030-1041.	6.2	31
218	Lambda: label ambiguous domain adaptation dataset integration reduces batch effects and improves subtype detection. Bioinformatics, 2019, 35, 4696-4706.	1.8	31
219	Monocular Tracking of 3D Human Motion with a Coordinated Mixture of Factor Analyzers. Lecture Notes in Computer Science, 2006, , 137-150.	1.0	30
220	Online robust image alignment via iterative convex optimization. , 2012, , .		30
221	An algebraic approach to affine registration of point sets. , 2009, , .		29
222	Fast and Accurate Head Pose Estimation via Random Projection Forests. , 2015, , .		29
223	Unsupervised Visual Representation Learning by Graph-Based Consistent Constraints. Lecture Notes in Computer Science, 2016, , 678-694.	1.0	29
224	Dynamic Match Kernel With Deep Convolutional Features for Image Retrieval. IEEE Transactions on Image Processing, 2018, 27, 5288-5302.	6.0	29
225	Dynamic Scene Deblurring by Depth Guided Model. IEEE Transactions on Image Processing, 2020, 29, 5273-5288.	6.0	29
226	A New Image Quality Metric for Image Auto-denoising. , 2013, , .		28
227	An Efficient Globally Optimal Algorithm for Asymmetric Point Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1281-1293.	9.7	28
228	Vision-Based Positioning for Internet-of-Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 364-376.	4.7	28
229	Interacting Multiview Tracker. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 903-917.	9.7	27
230	Crowd Behavior Analysis via Curl and Divergence of Motion Trajectories. International Journal of Computer Vision, 2017, 123, 499-519.	10.9	27
231	Learning Spatial and Spatio-Temporal Pixel Aggregations for Image and Video Denoising. IEEE Transactions on Image Processing, 2020, 29, 7153-7165.	6.0	27
232	Exploiting Semantics for Face Image Deblurring. International Journal of Computer Vision, 2020, 128, 1829-1846.	10.9	27
233	Making OpenVX Really "Real Time". , 2018, , .		25
234	Structural Constraint Data Association for Online Multi-object Tracking. International Journal of Computer Vision, 2019, 127, 1-21.	10.9	25

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	Fast sparse representation with prototypes. , 2010, , .		24
238	Fast Weighted Histograms for Bilateral Filtering and Nearest Neighbor Searching. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 891-902.	5.6	24
239	Spatiotemporal Background Subtraction Using Minimum Spanning Tree and Optical Flow. Lecture Notes in Computer Science, 2014, , 521-534.	1.0	24
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