

Robust Visual Tracking via Structured Multi-Task Sparse

International Journal of Computer Vision

101, 367-383

DOI: [10.1007/s11263-012-0582-z](https://doi.org/10.1007/s11263-012-0582-z)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Object Tracking by Occlusion Detection via Structured Sparse Learning. , 2013, , .		21
2	Online Object Tracking: A Benchmark. , 2013, , .		2,834
3	An Adaptive Combination of Multiple Features for Robust Tracking in Real Scene. , 2013, , .		10
4	3D prostate MR image segmentation: A multi-task approach. , 2013, , .		0
5	Visual tracking using the joint inference of target state and segment-based appearance models. , 2013, , .		3
6	Robust Object Tracking with Online Multi-lifespan Dictionary Learning. , 2013, , .		49
7	Online Robust Non-negative Dictionary Learning for Visual Tracking. , 2013, , .		150
8	Low-Rank Sparse Coding for Image Classification. , 2013, , .		98
9	Robust visual tracking using local salient coding and PCA subspace modeling. , 2013, , .		3
10	Multi-task Sparse Learning with Beta Process Prior for Action Recognition. , 2013, , .		32
11	Tracking via Robust Multi-task Multi-view Joint Sparse Representation. , 2013, , .		116
12	Sparse representation and learning in visual recognition: Theory and applications. Signal Processing, 2013, 93, 1408-1425.	3.7	169
13	Efficient Minimum Error Bounded Particle Resampling L1 Tracker With Occlusion Detection. IEEE Transactions on Image Processing, 2013, 22, 2661-2675.	9.8	191
14	PixelTrack: A Fast Adaptive Algorithm for Tracking Non-rigid Objects. , 2013, , .		90
15	Contextual Analysis of Videos. Synthesis Lectures on Image, Video, and Multimedia Processing, 2013, 6, 1-102.	0.9	0
16	Multi-object tracking using sparse representation. , 2013, , .		15
17	Learning Compact Binary Codes for Visual Tracking. , 2013, , .		64
18	Orderless Tracking through Model-Averaged Posterior Estimation. , 2013, , .		18

#	ARTICLE	IF	CITATIONS
19	Visual target tracking via weighted non-sparse representation and online metric learning. , 2013, , .		0
20	Visual Tracking via Locality Sensitive Histograms. , 2013, , .		237
21	Quantitative analysis on mobility behaviors of fluorescent marker proteins using the graph model. , 2013, , .		0
22	Minimum Uncertainty Gap for Robust Visual Tracking. , 2013, , .		11
23	Object Tracking via Multi-task Gaussian-Laplacian Regression. , 2013, , .		0
24	Finding the Best from the Second Bests - Inhibiting Subjective Bias in Evaluation of Visual Tracking Algorithms. , 2013, , .		55
25	Latent Multitask Learning for View-Invariant Action Recognition. , 2013, , .		24
26	Least Soft-Threshold Squares Tracking. , 2013, , .		198
27	Discriminant Tracking Using Tensor Representation with Semi-supervised Improvement. , 2013, , .		11
28	Low-Rank Representation-Based Object Tracking Using Multitask Feature Learning with Joint Sparsity. Abstract and Applied Analysis, 2014, 2014, 1-12.	0.7	5
29	Real-time object tracking via optimal feature subspace. , 2014, , .		2
30	A Unified Online Dictionary Learning Framework with Label Information for Robust Object Tracking. , 2014, , .		0
31	Metric Learning Based Structural Appearance Model for Robust Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 865-877.	8.3	49
32	Cross-Domain Multi-Event Tracking via CO-PMHT. ACM Transactions on Multimedia Computing, Communications and Applications, 2014, 10, 1-19.	4.3	26
33	A Multi-task Learning Framework for Time-continuous Emotion Estimation from Crowd Annotations. , 2014, , .		3
34	Collaborating frames: Temporally weighted sparse representation for visual tracking. , 2014, , .		0
35	Adaptive structured sub-blocks tracking. , 2014, , .		0
36	Fashion Parsing with Video Context. , 2014, , .		33

#	ARTICLE	IF	CITATIONS
37	Joint sparsity-based robust visual tracking. , 2014, , .		0
38	Pyramid-Based Visual Tracking Using Sparsity Represented Mean Transform. , 2014, , .		14
39	Multitask Linear Discriminant Analysis for View Invariant Action Recognition. IEEE Transactions on Image Processing, 2014, 23, 5599-5611.	9.8	156
40	Robust Visual Tracking via Multiple Kernel Boosting With Affinity Constraints. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 242-254.	8.3	51
41	Robust visual multitask tracking via composite sparse model. Journal of Electronic Imaging, 2014, 23, 063022.	0.9	1
42	Integration of texture and depth information for robust object tracking. , 2014, , .		0
43	Transfer Learning Based Visual Tracking with Gaussian Processes Regression. Lecture Notes in Computer Science, 2014, , 188-203.	1.3	251
44	Performance evaluation of object detection and tracking method under illumination variation. , 2014, , .		2
45	Visual Tracking via Feature Tensor Multimanifold Discriminate Analysis. Mathematical Problems in Engineering, 2014, 2014, 1-12.	1.1	0
46	Object tracking via fragment-based multi-task sparse state inference. , 2014, , .		0
47	Visual tracking using logistic regression and sparse representation. , 2014, , .		0
48	Online Learning a High-Quality Dictionary and Classifier Jointly for Multitask Object Tracking. IEEE MultiMedia, 2014, 21, 56-66.	1.7	1
49	Visual Tracking via Discriminative Sparse Similarity Map. IEEE Transactions on Image Processing, 2014, 23, 1872-1881.	9.8	183
50	Spatial Neighborhood-Constrained Linear Coding for Visual Object Tracking. IEEE Transactions on Industrial Informatics, 2014, 10, 469-480.	11.3	21
51	Robust Visual Tracking Using Flexible Structured Sparse Representation. IEEE Transactions on Industrial Informatics, 2014, 10, 538-547.	11.3	23
52	Robust Object Tracking via Sparse Collaborative Appearance Model. IEEE Transactions on Image Processing, 2014, 23, 2356-2368.	9.8	331
53	Object Tracking via Robust Multitask Sparse Representation. IEEE Signal Processing Letters, 2014, 21, 909-913.	3.6	30
54	Online Visual Tracking via Two View Sparse Representation. IEEE Signal Processing Letters, 2014, 21, 1031-1034.	3.6	16

#	ARTICLE	IF	CITATIONS
55	Object Tracking by Oversampling Local Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2538-2551.	13.9	88
56	Patchwise Joint Sparse Tracking With Occlusion Detection. IEEE Transactions on Image Processing, 2014, 23, 4496-4510.	9.8	13
57	Visual Tracking via Probability Continuous Outlier Model. , 2014, , .		86
58	Partial Occlusion Handling for Visual Tracking via Robust Part Matching. , 2014, , .		85
59	Online discriminative dictionary learning for visual tracking. , 2014, , .		23
60	Visual Tracking Via Kernel Sparse Representation With Multikernel Fusion. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1132-1141.	8.3	30
61	Interval Tracker: Tracking by Interval Analysis. , 2014, , .		7
62	Multi-cue Visual Tracking Using Robust Feature-Level Fusion Based on Joint Sparse Representation. , 2014, , .		110
63	Fast Compressive Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2002-2015.	13.9	479
65	Sparse representation for robust abnormality detection in crowded scenes. Pattern Recognition, 2014, 47, 1791-1799.	8.1	95
66	Kernel Sparse Multitask Learning for Hyperspectral Image Classification With Empirical Mode Decomposition and Morphological Wavelet-Based Features. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5150-5163.	6.3	39
67	Visual moving object tracking via sparse representation based trackers: A comparative study. , 2015, , .		2
68	Visual Tracking Based on Extreme Learning Machine and Sparse Representation. Sensors, 2015, 15, 26877-26905.	3.8	16
69	MRI-Based Intelligence Quotient (IQ) Estimation with Sparse Learning. PLoS ONE, 2015, 10, e0117295.	2.5	29
70	A Novel Object Tracking Algorithm Based on Compressed Sensing and Entropy of Information. Mathematical Problems in Engineering, 2015, 2015, 1-18.	1.1	2
71	Inverse Sparse Tracker With a Locally Weighted Distance Metric. IEEE Transactions on Image Processing, 2015, 24, 2646-2657.	9.8	94
72	Locality constrained low-rank sparse learning for object tracking. , 2015, , .		0
73	Robust Multitask Multiview Tracking in Videos. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2874-2890.	11.3	65

#	ARTICLE	IF	CITATIONS
74	Visual Tracking via Nonnegative Regularization Multiple Locality Coding. , 2015, , .		3
75	Real-time part-based visual tracking via adaptive correlation filters. , 2015, , .		279
76	Visual tracking via manifold regularized local structured sparse representation model. , 2015, , .		1
77	Visual tracking via weighted sparse representation. , 2015, , .		0
78	Visual tracking via orthogonal sparse coding. , 2015, , .		0
79	Nonlinear mixed-effects modelling for single cell estimation: when, why, and how to use it. BMC Systems Biology, 2015, 9, 52.	3.0	40
80	Robust Manhattan Frame estimation from a single RGB-D image. , 2015, , .		25
81	Joint Sparse Representation and Robust Feature-Level Fusion for Multi-Cue Visual Tracking. IEEE Transactions on Image Processing, 2015, 24, 5826-5841.	9.8	200
82	Structural Sparse Tracking. , 2015, , .		124
83	Tracking with spatial constrained coding. IET Computer Vision, 2015, 9, 63-74.	2.0	0
84	Rotating your face using multi-task deep neural network. , 2015, , .		44
85	Sparse re-id: Block sparsity for person re-identification. , 2015, , .		59
86	Object Tracking with Multi-View Support Vector Machines. IEEE Transactions on Multimedia, 2015, , 1-1.	7.2	74
87	Efficient structured Sell 1\$ \$ â,,“ 1 tracker based on laplacian error distribution. International Journal of Machine Learning and Cybernetics, 2015, 6, 581-595.	3.6	3
88	Video Tracking Using Learned Hierarchical Features. IEEE Transactions on Image Processing, 2015, 24, 1424-1435.	9.8	149
89	Object Tracking Benchmark. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 1834-1848.	13.9	2,674
90	Real-time and robust object tracking in video via low-rank coherency analysis in feature space. Pattern Recognition, 2015, 48, 2885-2905.	8.1	49
91	Hybrid support vector machines for robust object tracking. Pattern Recognition, 2015, 48, 2474-2488.	8.1	30

#	ARTICLE	IF	CITATIONS
92	Visual Tracking via Locally Structured Gaussian Process Regression. IEEE Signal Processing Letters, 2015, 22, 1331-1335.	3.6	21
93	Robust visual tracking based on product sparse coding. Pattern Recognition Letters, 2015, 56, 52-59.	4.2	8
94	Robust visual tracking via multi-graph ranking. Neurocomputing, 2015, 159, 35-43.	5.9	16
95	Object tracking via collaborative multi-task learning and appearance model updating. Applied Soft Computing Journal, 2015, 31, 81-90.	7.2	11
96	Robust Recovery of Temporally Smooth Signals From Under-Determined Multiple Measurements. IEEE Transactions on Signal Processing, 2015, 63, 1779-1791.	5.3	11
97	A new spectrum optimization method for variable structure object tracking. Optik, 2015, 126, 1344-1347.	2.9	0
98	Global Coupled Learning and Local Consistencies Ensuring for sparse-based tracking. Neurocomputing, 2015, 160, 191-205.	5.9	14
99	Visual Target TRACTOR: Tracker and Detector. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 761-775.	8.3	1
100	Manifold Kernel Sparse Representation of Symmetric Positive-Definite Matrices and Its Applications. IEEE Transactions on Image Processing, 2015, 24, 3729-3741.	9.8	28
101	Online State-Based Structured SVM Combined With Incremental PCA for Robust Visual Tracking. IEEE Transactions on Cybernetics, 2015, 45, 1988-2000.	9.5	43
102	Visual Object Tracking by Structure Complexity Coefficients. IEEE Transactions on Multimedia, 2015, 17, 1125-1136.	7.2	33
103	Robust Object Tracking Based on Principal Component Analysis and Local Sparse Representation. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 2863-2875.	4.7	34
104	A Survey of Sparse Representation: Algorithms and Applications. IEEE Access, 2015, 3, 490-530.	4.2	888
105	Key Point Detection by Max Pooling for Tracking. IEEE Transactions on Cybernetics, 2015, 45, 430-438.	9.5	32
106	Self-expressive tracking. Pattern Recognition, 2015, 48, 2872-2884.	8.1	12
107	Event Oriented Dictionary Learning for Complex Event Detection. IEEE Transactions on Image Processing, 2015, 24, 1867-1878.	9.8	105
108	Visual Tracking Based on the Adaptive Color Attention Tuned Sparse Generative Object Model. IEEE Transactions on Image Processing, 2015, 24, 5236-5248.	9.8	11
109	Fast Correction Visual Tracking via Feedback Mechanism. Lecture Notes in Computer Science, 2015, , 208-219.	1.3	1

#	ARTICLE	IF	CITATIONS
110	Visual Tracking via Sparse and Local Linear Coding. IEEE Transactions on Image Processing, 2015, 24, 3796-3809.	9.8	20
111	Fashion Parsing With Video Context. IEEE Transactions on Multimedia, 2015, 17, 1347-1358.	7.2	46
112	Visual Tracking via Weighted Local Cosine Similarity. IEEE Transactions on Cybernetics, 2015, 45, 1838-1850.	9.5	81
113	Adaptive edge-based mean shift for drastic change gray target tracking. Optik, 2015, 126, 3859-3867.	2.9	12
114	Encoding Color Information for Visual Tracking: Algorithms and Benchmark. IEEE Transactions on Image Processing, 2015, 24, 5630-5644.	9.8	583
115	Single Object Tracking With Fuzzy Least Squares Support Vector Machine. IEEE Transactions on Image Processing, 2015, 24, 5723-5738.	9.8	45
116	Semi-Supervised Multitask Learning for Scene Recognition. IEEE Transactions on Cybernetics, 2015, 45, 1967-1976.	9.5	132
117	Fast and Robust Object Tracking via Probability Continuous Outlier Model. IEEE Transactions on Image Processing, 2015, 24, 5166-5176.	9.8	26
118	Robust moving object detection using compressed sensing. IET Image Processing, 2015, 9, 811-819.	2.5	10
119	Online shared dictionary learning for visual tracking. , 2015, , .		0
120	Visual Tracking via Structure Constrained Grouping. IEEE Signal Processing Letters, 2015, 22, 794-798.	3.6	10
121	Hyperspectral Band Selection by Multitask Sparsity Pursuit. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 631-644.	6.3	147
122	Visual Tracking via Temporally Smooth Sparse Coding. IEEE Signal Processing Letters, 2015, 22, 1452-1456.	3.6	19
123	Learning Local Appearances With Sparse Representation for Robust and Fast Visual Tracking. IEEE Transactions on Cybernetics, 2015, 45, 663-675.	9.5	34
124	Robust Visual Tracking Via Consistent Low-Rank Sparse Learning. International Journal of Computer Vision, 2015, 111, 171-190.	15.6	274
125	Real-time multi-scale tracking based on compressive sensing. Visual Computer, 2015, 31, 471-484.	3.5	30
126	Multi-object tracking via MHT with multiple information fusion in surveillance video. Multimedia Systems, 2015, 21, 313-326.	4.7	14
127	Integral region-based covariance tracking with occlusion detection. Multimedia Tools and Applications, 2015, 74, 2157-2178.	3.9	4

#	ARTICLE	IF	CITATIONS
128	Sparse Coding and Counting for Robust Visual Tracking. PLoS ONE, 2016, 11, e0168093.	2.5	3
129	Visual tracking via sparsity pattern learning. , 2016, , .		0
130	In Defense of Sparse Tracking: Circulant Sparse Tracker. , 2016, , .		92
131	Fast Temporal Activity Proposals for Efficient Detection of Human Actions in Untrimmed Videos. , 2016, , .		178
132	Structural Correlation Filter for Robust Visual Tracking. , 2016, , .		130
133	Prototypes based discriminative appearance model for object tracking. , 2016, , .		3
134	Compressive sensing based visual tracking using multi-task sparse learning method. , 2016, , .		0
135	Visual tracking via an ensemble of random classifiers. , 2016, , .		2
136	Online Deformable Object Tracking Based on Structure-Aware Hyper-Graph. IEEE Transactions on Image Processing, 2016, 25, 3572-3584.	9.8	44
137	Improved ℓ_1 -tracker using robust PCA and random projection. Machine Vision and Applications, 2016, 27, 577-583.	2.7	3
138	Robust object tracking based on local region sparse appearance model. Neurocomputing, 2016, 184, 145-167.	5.9	21
139	Visual tracking via multi-task non-negative matrix factorization. , 2016, , .		2
140	Learning Collaborative Sparse Representation for Grayscale-Thermal Tracking. IEEE Transactions on Image Processing, 2016, 25, 5743-5756.	9.8	203
141	Multi-Task Learning for Interpretation of Brain Decoding Models. Lecture Notes in Computer Science, 2016, , 3-11.	1.3	1
142	Visual Tracking Under Motion Blur. IEEE Transactions on Image Processing, 2016, 25, 5867-5876.	9.8	65
143	Target Response Adaptation for Correlation Filter Tracking. Lecture Notes in Computer Science, 2016, , 419-433.	1.3	107
144	Beyond appearance model: Learning appearance variations for object tracking. Neurocomputing, 2016, 214, 796-804.	5.9	2
145	Multi-object tracking via discriminative appearance modeling. Computer Vision and Image Understanding, 2016, 153, 77-87.	4.7	11

#	ARTICLE	IF	CITATIONS
146	Labeled dataset for integral evaluation of moving object detection algorithms: LASIESTA. Computer Vision and Image Understanding, 2016, 152, 103-117.	4.7	96
147	Oversaturated part-based visual tracking via spatio-temporal context learning. Applied Optics, 2016, 55, 6960.	2.1	8
148	Visual Tracking via Coarse and Fine Structural Local Sparse Appearance Models. IEEE Transactions on Image Processing, 2016, 25, 4555-4564.	9.8	41
149	PICASO: Pixel correspondences and SOft match selection for real-time tracking. Computer Vision and Image Understanding, 2016, 153, 151-162.	4.7	7
150	Robust visual tracking via inverse nonnegative matrix factorization. , 2016, , .		4
151	Fish identification from videos captured in uncontrolled underwater environments. ICES Journal of Marine Science, 2016, 73, 2737-2746.	2.5	52
152	An improved particle filter method on unmanned multi-rotor aircraft platform. , 2016, , .		0
153	3D Part-Based Sparse Tracker with Automatic Synchronization and Registration. , 2016, , .		41
154	Cross-Stitch Networks for Multi-task Learning. , 2016, , .		688
155	Occlusion-Aware Fragment-Based Tracking With Spatial-Temporal Consistency. IEEE Transactions on Image Processing, 2016, 25, 3814-3825.	9.8	31
156	Efficient compressive sensing tracking via mixed classifier decision. Science China Information Sciences, 2016, 59, 1.	4.3	8
157	Robust Visual Tracking via Exclusive Context Modeling. IEEE Transactions on Cybernetics, 2016, 46, 51-63.	9.5	48
158	Multi-task feature selection via supervised canonical graph matching for diagnosis of autism spectrum disorder. Brain Imaging and Behavior, 2016, 10, 33-40.	2.1	20
159	An Efficient Tracking System by Orthogonalized Templates. IEEE Transactions on Industrial Electronics, 2016, 63, 3187-3197.	7.9	15
160	A Multi-Task Learning Framework for Head Pose Estimation under Target Motion. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1070-1083.	13.9	104
161	Multimodal Multipart Learning for Action Recognition in Depth Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2123-2129.	13.9	98
162	Online Metric-Weighted Linear Representations for Robust Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 931-950.	13.9	20
163	Temporal Restricted Visual Tracking Via Reverse-Low-Rank Sparse Learning. IEEE Transactions on Cybernetics, 2016, 47, 1-14.	9.5	23

#	ARTICLE	IF	CITATIONS
164	Similarity Fusion for Visual Tracking. International Journal of Computer Vision, 2016, 118, 337-363.	15.6	74
165	Learning to Diffuse: A New Perspective to Design PDEs for Visual Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2457-2471.	13.9	34
166	Robust Visual Tracking via Convolutional Networks without Training. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	269
167	Robust salient motion detection in non-stationary videos via novel integrated strategies of spatio-temporal coherency clues and low-rank analysis. Pattern Recognition, 2016, 52, 410-432.	8.1	64
168	Sparse Hashing Tracking. IEEE Transactions on Image Processing, 2016, 25, 840-849.	9.8	29
169	Visual Tracking via Random Walks on Graph Model. IEEE Transactions on Cybernetics, 2016, 46, 2144-2155.	9.5	24
170	Deep Metric Learning for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 2056-2068.	8.3	57
171	Robust Visual Tracking via Sparse Representation Under Subclass Discriminant Constraint. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1293-1307.	8.3	7
172	NUS-PRO: A New Visual Tracking Challenge. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 335-349.	13.9	129
173	Discriminative Reverse Sparse Tracking via Weighted Multitask Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1031-1042.	8.3	16
174	Online visual tracking based on subspace representation with continuous occlusion modeling. Multimedia Systems, 2017, 23, 357-368.	4.7	0
175	Robust Visual Tracking With Multitask Joint Dictionary Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1018-1030.	8.3	26
176	Adaptive Visual Tracking with Minimum Uncertainty Gap Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 18-31.	13.9	12
177	Object tracking using combination of daubechies complex wavelet transform and Zernike moment. Multimedia Tools and Applications, 2017, 76, 1247-1290.	3.9	19
178	Robust Object Tracking via Locality Sensitive Histograms. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1006-1017.	8.3	17
179	Algorithm-Dependent Generalization Bounds for Multi-Task Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 227-241.	13.9	94
180	Deep Relative Tracking. IEEE Transactions on Image Processing, 2017, 26, 1845-1858.	9.8	72
181	Online structured sparse learning with labeled information for robust object tracking. Journal of Electronic Imaging, 2017, 26, 013007.	0.9	4

#	ARTICLE	IF	CITATIONS
182	Consistent multi-layer subtask tracker via hyper-graph regularization. Pattern Recognition, 2017, 67, 299-312.	8.1	3
183	Visual object tracking via enhanced structural correlation filter. Information Sciences, 2017, 394-395, 232-245.	6.9	22
184	Fast Pixelwise Adaptive Visual Tracking of Non-Rigid Objects. IEEE Transactions on Image Processing, 2017, 26, 2368-2380.	9.8	11
185	SIFT flow for abrupt motion tracking via adaptive samples selection with sparse representation. Neurocomputing, 2017, 249, 253-265.	5.9	25
186	A systematic review of structured sparse learning. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 445-463.	2.6	13
187	Mobile Augmented Reality Survey: From Where We Are to Where We Go. IEEE Access, 2017, 5, 6917-6950.	4.2	296
188	Salient object detection with low-rank approximation and $\ell_{2,1}$ -norm minimization. Image and Vision Computing, 2017, 57, 67-77.	4.5	3
189	Visual Tracking via Nonnegative Multiple Coding. IEEE Transactions on Multimedia, 2017, 19, 2680-2691.	7.2	16
190	Spiral visual and motional tracking. Neurocomputing, 2017, 249, 117-127.	5.9	1
191	Robust Visual Tracking via Binocular Consistent Sparse Learning. Neural Processing Letters, 2017, 46, 627-642.	3.2	4
192	Inverse Sparse Group Lasso Model for Robust Object Tracking. IEEE Transactions on Multimedia, 2017, 19, 1798-1810.	7.2	29
193	Robust Visual Tracking Using Structure-Preserving Sparse Learning. IEEE Signal Processing Letters, 2017, 24, 707-711.	3.6	3
194	Self-paced model learning for robust visual tracking. Journal of Electronic Imaging, 2017, 26, 013016.	0.9	7
195	Online Object Tracking, Learning and Parsing with And-Or Graphs. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2465-2480.	13.9	10
196	Visual Tracking via Sparse Representation with Reliable Structure Constraint. IEEE Signal Processing Letters, 2017, , 1-1.	3.6	6
197	Social Force Model-Based MCMC-OCSVM Particle PHD Filter for Multiple Human Tracking. IEEE Transactions on Multimedia, 2017, 19, 725-739.	7.2	35
198	Part-based Tracking via Discriminative Correlation Filters. IEEE Transactions on Circuits and Systems for Video Technology, 2024, , 1-1.	8.3	34
199	Face alignment in-the-wild: A Survey. Computer Vision and Image Understanding, 2017, 162, 1-22.	4.7	75

#	ARTICLE	IF	CITATIONS
200	CSIR4G: An effective and efficient cross-scenario image retrieval model for glasses. Information Sciences, 2017, 417, 310-327.	6.9	2
202	Visual tracking based on the sparse representation of the PCA subspace. Optoelectronics Letters, 2017, 13, 392-396.	0.8	5
203	Unleash the Black Magic in Age: A Multi-Task Deep Neural Network Approach for Cross-Age Face Verification. , 2017, , .		6
204	Particle PHD filter based multi-target tracking using discriminative group-structured dictionary learning. , 2017, , .		11
205	Object Tracking via Temporal Consistency Dictionary Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 628-638.	9.3	15
206	Partially Camouflaged Object Tracking using Modified Probabilistic Neural Network and Fuzzy Energy based Active Contour. International Journal of Computer Vision, 2017, 122, 116-148.	15.6	20
207	Robust visual tracking based on hierarchical appearance model. Neurocomputing, 2017, 221, 108-122.	5.9	10
208	Person re-identification with block sparse recovery. Image and Vision Computing, 2017, 60, 75-90.	4.5	12
209	Dynamically Modulated Mask Sparse Tracking. IEEE Transactions on Cybernetics, 2017, 47, 3706-3718.	9.5	41
210	Part-Based Data Association for Visual Tracking. , 2017, , .		0
211	Robust multi-task feature visual tracking via multi-task kernel-based sparse learning. IET Image Processing, 2017, 11, 1172-1178.	2.5	13
212	More Than An Answer. , 2017, , .		6
213	Correlation Filtering Target Tracking Based on Color and Part Spatial Relation Constraints. , 2017, , .		0
214	Localizing object relatively with discrete wavelet transform feature through a similarity measure. , 2017, , .		0
215	Robust visual tracking via multi-view discriminant based sparse representation. , 2017, , .		1
216	Robust object tracking with RGBD-based sparse learning. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 989-1001.	2.6	5
217	Multi-task Correlation Particle Filter for Robust Object Tracking. , 2017, , .		308
218	FFTLasso: Large-Scale LASSO in the Fourier Domain. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
219	Robust object tracking via multi-task based collaborative model. , 2017, , .		1
220	Layered Multitask Tracker via Spatial&Temporal Laplacian Graph. IEEE Signal Processing Letters, 2017, 24, 1768-1772.	3.6	0
221	Alleviate Similar Object in Visual Tracking via Online Learning Interference-Target Spatial Structure. Sensors, 2017, 17, 2382.	3.8	1
222	Consistently Sampled Correlation Filters with Space Anisotropic Regularization for Visual Tracking. Sensors, 2017, 17, 2889.	3.8	3
223	Robust Visual Tracking Using the Bidirectional Scale Estimation. Mathematical Problems in Engineering, 2017, 2017, 1-10.	1.1	0
224	Robust L1 tracker with CNN features. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	2
225	Particle filter based on context tracking algorithm for real-world hazy scenes. , 2017, , .		0
226	Robust visual tracking based on L1 expanded template. , 2017, , .		0
227	Exploring Multitask and Transfer Learning Algorithms for Head Pose Estimation in Dynamic Multiview Scenarios. , 2017, , 67-87.		0
228	Two-stream person re-identification with multi-task deep neural networks. Machine Vision and Applications, 2018, 29, 947-954.	2.7	6
229	A hybrid tracking framework based on kernel correlation filtering and particle filtering. Neurocomputing, 2018, 297, 40-49.	5.9	19
230	Automated Machine Vision System for Liquid Particle Inspection of Pharmaceutical Injection. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1278-1297.	4.7	43
231	Dual-Graph Regularized Discriminative Multitask Tracker. IEEE Transactions on Multimedia, 2018, 20, 2303-2315.	7.2	4
232	Particle PHD Filter Based Multiple Human Tracking Using Online Group-Structured Dictionary Learning. IEEE Access, 2018, 6, 14764-14778.	4.2	65
233	Structured and weighted multi-task low rank tracker. Pattern Recognition, 2018, 81, 528-544.	8.1	11
234	Uncertainty Calibrated Markov Chain Monte Carlo Sampler for Visual Tracking Based on Multi-shape Posterior. Journal of Mathematical Imaging and Vision, 2018, 60, 681-691.	1.3	3
235	Learning Common and Feature-Specific Patterns: A Novel Multiple-Sparse-Representation-Based Tracker. IEEE Transactions on Image Processing, 2018, 27, 2022-2037.	9.8	193
236	Correlation Particle Filter for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 2676-2687.	9.8	108

#	ARTICLE	IF	CITATIONS
237	Eye landmarks detection via two-level cascaded CNNs with multi-task learning. Signal Processing: Image Communication, 2018, 63, 63-71.	3.2	5
238	Good Features to Correlate for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 2526-2540.	9.8	114
239	An overview of multi-task learning. National Science Review, 2018, 5, 30-43.	9.5	489
240	The Fusion of Adaptive Color Attributes for Robust Compressive Tracking. Wireless Personal Communications, 2018, 102, 879-894.	2.7	1
241	Robust online object tracking via the convex hull representation model. Neurocomputing, 2018, 289, 44-54.	5.9	2
242	Visual tracking using locality-constrained linear coding under a particle filtering framework. IET Computer Vision, 2018, 12, 196-207.	2.0	4
243	Spatio-Context-Based Target Tracking with Adaptive Multi-Feature Fusion for Real-World Hazy Scenes. Cognitive Computation, 2018, 10, 545-557.	5.2	5
244	P2T: Part-to-Target Tracking via Deep Regression Learning. IEEE Transactions on Image Processing, 2018, 27, 3074-3086.	9.8	42
245	Correlation Filter Learning Toward Peak Strength for Visual Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1290-1303.	9.5	45
246	Inverse Nonnegative Local Coordinate Factorization for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1752-1764.	8.3	13
247	Visual tracking with conditionally adaptive multiple template update scheme for intricate videos. Multimedia Systems, 2018, 24, 175-194.	4.7	3
248	Robust Target Tracking by Online Random Forests and Superpixels. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1609-1622.	8.3	20
249	Perspective model-based visual tracking scheme for robust tracking of objects in complex environs. Multimedia Tools and Applications, 2018, 77, 19745-19768.	3.9	0
250	Top-Down Saliency Object Localization Based on Deep-Learned Features. , 2018, , .		3
251	Examine before You Answer. , 2018, , .		14
252	Online Model Adaptation for UAV Tracking with Convolutional Neural Network. , 2018, , .		4
253	Robust visual tracking via two-stage binocular sparse learning. Journal of Engineering, 2018, 2018, 1606-1611.	1.1	2
254	Online adaptive complementation tracker. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	1

#	ARTICLE	IF	CITATIONS
255	High-Precision Camera Localization in Scenes with Repetitive Patterns. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-21.	4.5	1
256	Efficient Parametrization of Multi-domain Deep Neural Networks. , 2018, , .		153
257	Dynamic Illness Severity Prediction via Multi-task RNNs for Intensive Care Unit. , 2018, , .		24
258	Joint Head Pose Estimation with Multi-task Cascaded Convolutional Networks for Face Alignment. , 2018, , .		8
259	Scaled and oriented object tracking using ensemble of multilayer perceptrons. Applied Soft Computing Journal, 2018, 73, 1081-1094.	7.2	12
260	Visual Object Tracking Using Structured Sparse PCA-Based Appearance Representation and Online Learning. Sensors, 2018, 18, 3513.	3.8	3
261	Modeling Dynamic Pairwise Attention for Crime Classification over Legal Articles. , 2018, , .		30
262	Unbalance Loads Compensation with STATCOM Based on PR Controller and Notch Filter. , 2018, , .		0
263	UCC 2018 Organizing Committee. , 2018, , .		2
264	PGSRET 2018 Reviewers. , 2018, , .		0
265	IEEE Council on RFID. IEEE Journal of Radio Frequency Identification, 2018, 2, C3-C3.	2.3	0
266	Visual object tracking based on sequential learning of SVM parameter. , 2018, 79, 102-115.		10
267	Visual Tracking With Weighted Adaptive Local Sparse Appearance Model via Spatio-Temporal Context Learning. IEEE Transactions on Image Processing, 2018, 27, 4478-4489.	9.8	41
268	Subspace Network. , 2018, , .		7
269	Visual tracking using Locality-constrained Linear Coding and saliency map for visible light and infrared image sequences. Signal Processing: Image Communication, 2018, 68, 13-25.	3.2	8
270	Target Tracking Algorithm Based on an Adaptive Feature and Particle Filter. Information (Switzerland), 2018, 9, 140.	2.9	0
271	Multiple Objects Tracking With Improved Sparse Representation and Rank Based Dynamic Estimation. IEEE Access, 2018, 6, 42264-42278.	4.2	13
272	Robust Visual Tracking via Smooth Manifold Kernel Sparse Learning. IEEE Transactions on Multimedia, 2018, 20, 2949-2963.	7.2	10

#	ARTICLE	IF	CITATIONS
273	Robust visual tracking based on convolutional neural network with extreme learning machine. Multimedia Tools and Applications, 2019, 78, 7543-7562.	3.9	6
274	Affective question answering on video. Neurocomputing, 2019, 363, 125-139.	5.9	2
275	Context-Aware Embeddings for Automatic Art Analysis. , 2019, , .		30
276	Robust visual tracking using discriminative sparse collaborative map. International Journal of Machine Learning and Cybernetics, 2019, 10, 3201-3212.	3.6	3
277	Robust visual tracking based on global-and-local search with confidence reliability estimation. Neurocomputing, 2019, 367, 273-286.	5.9	12
278	Topô€œDown Saliency Detection Based on Deep-Learned Features. International Journal of Computational Intelligence and Applications, 2019, 18, .	0.8	5
279	Cascaded Iterative Training Model and Parallel Multi-Classifiers for Visual Object Tracking. IEEE Access, 2019, 7, 63099-63112.	4.2	2
280	Learning Adaptive Discriminative Correlation Filters via Temporal Consistency Preserving Spatial Feature Selection for Robust Visual Object Tracking. IEEE Transactions on Image Processing, 2019, 28, 5596-5609.	9.8	283
281	Robust correlation filter tracking with multi-scale spatial view. Neurocomputing, 2019, 358, 119-140.	5.9	6
282	Robust Target Tracking Algorithm Based on Superpixel Visual Attention Mechanism. International Journal of Ambient Computing and Intelligence, 2019, 10, 1-17.	1.1	3
283	Parallel Correlation Filters for Real-Time Visual Tracking. Sensors, 2019, 19, 2362.	3.8	10
284	SMART: Joint Sampling and Regression for Visual Tracking. IEEE Transactions on Image Processing, 2019, 28, 3923-3935.	9.8	15
285	Robust visual tracking via global context regularized Locality-constrained Linear Coding. Optik, 2019, 183, 232-240.	2.9	5
286	Visual object tracking via a manifold regularized discriminative dual dictionary model. Pattern Recognition, 2019, 91, 272-280.	8.1	7
287	Graph-structured multitask sparsity model for visual tracking. Information Sciences, 2019, 486, 133-147.	6.9	11
288	Detection based visual tracking with convolutional neural network. Knowledge-Based Systems, 2019, 175, 62-71.	7.1	29
289	Exploiting the Anisotropy of Correlation Filter Learning for Visual Tracking. International Journal of Computer Vision, 2019, 127, 1084-1105.	15.6	9
290	Neuro-probabilistic model for object tracking. Pattern Analysis and Applications, 2019, 22, 1609-1628.	4.6	3

#	ARTICLE	IF	CITATIONS
291	Minimum barrier distance based tracking via spatio-temporal context learning. Optoelectronics Letters, 2019, 15, 75-80.	0.8	0
292	Comparison of Subjective Quality Test Methods for Omnidirectional Video Quality Evaluation. , 2019, , .		10
293	Burst Error Analysis in Hybrid Satellite-Terrestrial Broadcasting Systems for High Velocity Receivers. , 2019, , .		1
294	Video Data Hierarchical Retrieval via Deep Hash Method. , 2019, , .		1
295	Sliding Mode Control Strategy for Three-Phase Three-Level T-Type Shunt Active Power Filters. , 2019, , .		3
296	Methods of Multi-Criterial Optimization of Machining Process. , 2019, , .		0
297	Chaotic Communications in the Coupled Fiber Optic System. , 2019, , .		0
298	Finite-time Attitude Control for Spacecraft Formation Flying System. , 2019, , .		1
299	Small-Sample Image Classification Method of Combining Prototype and Margin Learning. , 2019, , .		2
300	Electric Spring Technology in Small Scale Residential Microgrid. , 2019, , .		0
301	A Metasynthesis of Solo Software Development Methodologies. , 2019, , .		3
302	Using Doppler Radar Classify Respiration by MFCC. , 2019, , .		0
303	Robust Object Tracking Via Low-Rank and Reverse Fused-Lasso Regularization. , 2019, , .		0
305	Tensor Network Kalman Filter for LTI Systems. , 2019, , .		0
306	Visual Object Tracking by Using Ranking Loss. , 2019, , .		4
307	SMOTE and Gaussian Noise Based Sensor Data Augmentation. , 2019, , .		26
308	Quick Fire Sensing Model and Extinguishing by Using an Arduino Based Fire Protection Device. , 2019, , .		7
309	Jamming: The probable menace to NavIC. IET Radar, Sonar and Navigation, 2019, 13, 1039-1044.	1.8	5

#	ARTICLE	IF	CITATIONS
310	Virtual Impedance Control for Efficient Power Transfer in Electromagnetic Levitation Melting System. , 2019, , .		3
311	Artificial Intelligence for Cognitive Telecommunication Network. , 2019, , .		1
312	Optimal Power Flow Controller for a Hybrid Renewable Energy System Using Particle Swarm Optimization. , 2019, , .		2
313	Low-Rank Tensor Tracking. , 2019, , .		3
314	Joint Subchannel Allocation and Power Control in OFDMA Femtocell Networks. , 2019, , .		0
315	ECC Classification Based on Unfixed-Length Segmentation of Heartbeat. , 2019, , .		2
316	Fast simulation technique for antenna installed on a finite ground plane. , 2019, , .		3
317	Dynamic Movement Primitives: Volumetric Obstacle Avoidance. , 2019, , .		22
318	CoPath: discovering cooperative driver pathways using greedy mutual exclusivity and bi-clustering. , 2019, , .		1
319	Graph Convolutional Tracking. , 2019, , .		211
320	Generating Client Side Policies for Cyber-Physical Safety. , 2019, , .		0
321	Integrated Fault-Diagnoses and Fault-Tolerant MPPT Control Scheme for a Photovoltaic System. , 2019, , .		1
322	Line-based Absolute and Relative Camera Pose Estimation in Structured Environments. , 2019, , .		12
323	A Multi-train Cooperative Control Method of Urban Railway Transportation Based on Artificial Potential Field. , 2019, , .		3
324	Quantitative Analysis on Tracking Error Under Different Control Architectures and Feedforward Methods. , 2019, , .		6
325	Novel Technique for Feature Computation and Clustering of Smart Meter Data. , 2019, , .		3
326	Smart Parking System: Survey on Sensors, Technologies and Applications. , 2019, , .		10
327	Rotating Machinery Fault Diagnosis Based on Manifold Learning using Semi-supervised Local Linear Embedding. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
328	Human Operator Modelling with Interval-valued Takagi-Sugeno Fuzzy Models. , 2019, , .		0
329	Standard Time Analysis for Military Aircraft Washing Operations. , 2019, , .		0
330	Parking Spots Selection for Shared Bicycle on Campus. , 2019, , .		0
331	Robust object tracking with the inverse relocation strategy. Neural Computing and Applications, 2019, 31, 123-132.	5.6	5
332	Robust Distracter-Resistive Tracker via Learning a Multi-Component Discriminative Dictionary. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2012-2028.	8.3	2
333	Robust visual tracking via nonlocal regularized multi-view sparse representation. Pattern Recognition, 2019, 88, 75-89.	8.1	18
334	A novel reverse sparse model utilizing the spatio-temporal relationship of target templates for object tracking. Neurocomputing, 2019, 323, 319-334.	5.9	11
335	Collaborative model with adaptive selection scheme for visual tracking. International Journal of Machine Learning and Cybernetics, 2019, 10, 215-228.	3.6	5
336	Robust object tracking via constrained online dictionary learning. Multimedia Tools and Applications, 2019, 78, 3689-3703.	3.9	4
337	Feature Distilled Tracking. IEEE Transactions on Cybernetics, 2019, 49, 440-452.	9.5	15
338	Robust Structural Sparse Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 473-486.	13.9	75
339	Learning Multi-Task Correlation Particle Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 365-378.	13.9	136
340	Modality-correlation-aware sparse representation for RGB-infrared object tracking. Pattern Recognition Letters, 2020, 130, 12-20.	4.2	77
341	Abnormal Event Detection From Videos Using a Two-Stream Recurrent Variational Autoencoder. IEEE Transactions on Cognitive and Developmental Systems, 2020, 12, 30-42.	3.8	63
342	SCRM: self-correlated representation model for visual tracking. Soft Computing, 2020, 24, 2187-2199.	3.6	1
343	AMRNN: attended multi-task recurrent neural networks for dynamic illness severity prediction. World Wide Web, 2020, 23, 2753-2770.	4.0	19
344	Online Multi-Expert Learning for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 934-946.	9.8	29
345	End-to-end deep metric network for visual tracking. Visual Computer, 2020, 36, 1219-1232.	3.5	8

#	ARTICLE	IF	CITATIONS
346	Learning Low-Rank and Sparse Discriminative Correlation Filters for Coarse-to-Fine Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3727-3739.	8.3	35
347	Sequential binary code selection for robust object tracking. Multimedia Tools and Applications, 2020, 79, 6951-6963.	3.9	1
348	Ensemble Tracking Based on Diverse Collaborative Framework With Multi-Cue Dynamic Fusion. IEEE Transactions on Multimedia, 2020, 22, 2698-2710.	7.2	5
349	Robust tracking algorithm for infrared target via correlation filter and particle filter. Infrared Physics and Technology, 2020, 111, 103516.	2.9	6
350	An Adaptive Multiscale Fusion Network Based on Regional Attention for Remote Sensing Images. IEEE Access, 2020, 8, 107802-107813.	4.2	3
351	Deep Multi-Task Multi-Label CNN for Effective Facial Attribute Classification. IEEE Transactions on Affective Computing, 2022, 13, 818-828.	8.3	20
352	Mining Spatial-Temporal Similarity for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 8107-8119.	9.8	25
353	Approach to model human appearance based on sparse representation for human tracking in surveillance. IET Image Processing, 2020, 14, 2383-2394.	2.5	7
354	Faceted Text Segmentation via Multitask Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3846-3857.	11.3	4
355	12-in-1: Multi-Task Vision and Language Representation Learning. , 2020, , .		207
356	Visual object tracking using sparse context-aware spatio-temporal correlation filter. Journal of Visual Communication and Image Representation, 2020, 70, 102820.	2.8	7
357	An Accurate Analytical Model to Calculate the Impedance Bandwidth of a Proximity Coupled Microstrip Patch Antenna (PC-MSPA). IEEE Access, 2020, 8, 41784-41793.	4.2	5
358	A High-Selectivity D-Band Mixed-Mode Filter Based on the Coupled Overmode Cavities. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2331-2342.	4.6	12
359	SAT: Single-Shot Adversarial Tracker. IEEE Transactions on Industrial Electronics, 2020, 67, 9882-9892.	7.9	3
360	Study on the Detection of Pulmonary Nodules in CT Images Based on Deep Learning. IEEE Access, 2020, 8, 67300-67309.	4.2	8
361	Study of Dynamic Tracking Algorithms for Apples Under the Influence of Oscillation. IEEE Access, 2020, 8, 32966-32974.	4.2	0
362	A Hybrid-Learning Algorithm for Online Dynamic State Estimation in Multimachine Power Systems. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5497-5508.	11.3	14
363	Blockchain-Based Safety Management System for the Grain Supply Chain. IEEE Access, 2020, 8, 36398-36410.	4.2	109

#	ARTICLE	IF	CITATIONS
364	Adversarial erasing attention for fine-grained image classification. Multimedia Tools and Applications, 2021, 80, 22867-22889.	3.9	6
365	SPH Fluid Tactile Rendering for Ultrasonic Mid-Air Haptics. IEEE Transactions on Haptics, 2020, 13, 116-122.	2.7	5
366	Grayscale-Thermal Tracking via Inverse Sparse Representation-Based Collaborative Encoding. IEEE Transactions on Image Processing, 2020, 29, 3401-3415.	9.8	11
367	ContextNet: representation and exploration for painting classification and retrieval in context. International Journal of Multimedia Information Retrieval, 2020, 9, 17-30.	5.2	21
368	SINR and Rate Distributions for Downlink Cellular Networks. IEEE Transactions on Wireless Communications, 2020, 19, 4604-4616.	9.2	6
370	The OpenROADM initiative [Invited]. Journal of Optical Communications and Networking, 2020, 12, C58.	4.8	27
371	Moving Object Detection and Tracking Based on Interaction of Static Obstacle Map and Geometric Model-Free Approach for Urban Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3275-3284.	8.0	22
372	A Bottom-Up and Top-Down Integration Framework for Online Object Tracking. IEEE Transactions on Multimedia, 2021, 23, 105-119.	7.2	7
373	Multiple Instance Models Regression for Robust Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1125-1137.	8.3	3
374	Robust online tracking via sparse gradient convolution networks. Signal Processing: Image Communication, 2021, 90, 116056.	3.2	1
375	Integration of regularized l1 tracking and instance segmentation for video object tracking. Neurocomputing, 2021, 423, 284-300.	5.9	6
376	Structured and Consistent Multi-Layer Multi-Kernel Subtask Correction Filter Tracker. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2328-2342.	8.3	3
377	A Survey on Multi-Task Learning. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5586-5609.	5.7	548
378	Occluded object tracking using object-background prototypes and particle filter. Applied Intelligence, 2021, 51, 5259-5279.	5.3	7
379	The framework of learnable kernel function and its application to dictionary learning of SPD data. Pattern Analysis and Applications, 2021, 24, 723-739.	4.6	1
380	An Armijo-Type Hard Thresholding Algorithm for Joint Sparse Recovery. IEEE Access, 2021, 9, 101765-101772.	4.2	2
381	Adaptive Channel Selection for Robust Visual Object Tracking with Discriminative Correlation Filters. International Journal of Computer Vision, 2021, 129, 1359-1375.	15.6	52
382	Successive Graph Convolutional Network for Image De-raining. International Journal of Computer Vision, 2021, 129, 1691-1711.	15.6	31

#	ARTICLE	IF	CITATIONS
383	Media tourism and hotel management development based on wireless sensor network and embedded system. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	1
384	Review of recent advances in visual tracking techniques. Multimedia Tools and Applications, 2021, 80, 24185-24203.	3.9	7
385	Research on target detection and tracking method applied to intelligent monitoring system. , 2021, , .		0
386	Cloud-based multiple importance sampling algorithm with AI based CNN classifier for secure infrastructure. Automated Software Engineering, 2021, 28, 1.	2.9	8
387	Online dual dictionary learning for visual object tracking. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	2
388	Identity-Enhanced Network for Facial Expression Recognition. Lecture Notes in Computer Science, 2019, , 534-550.	1.3	4
389	Multi-cue Based Multi-target Tracking with Boosted MHT. Lecture Notes in Computer Science, 2013, , 528-537.	1.3	1
390	Visual Tracking by Sampling Tree-Structured Graphical Models. Lecture Notes in Computer Science, 2014, , 1-16.	1.3	12
391	Facial Landmark Detection by Deep Multi-task Learning. Lecture Notes in Computer Science, 2014, , 94-108.	1.3	665
392	Low-Rank Sparse Learning for Robust Visual Tracking. Lecture Notes in Computer Science, 2012, , 470-484.	1.3	151
393	A Literature Review on Video Analytics of Crowded Scenes. , 2013, , 17-36.		39
394	Real-Time Multi-cue Object Tracking: Benchmark. Lecture Notes in Networks and Systems, 2020, , 317-323.	0.7	3
395	Learning a lightweight deep convolutional network for joint age and gender recognition. , 2016, , .		1
396	Multi-Task Object Tracking with Feature Selection. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 1351-1354.	0.3	3
397	Locality-Constrained Multi-Task Joint Sparse Representation for Image Classification. IEICE Transactions on Information and Systems, 2013, E96.D, 2177-2181.	0.7	5
398	L0-Regularized Object Representation for Visual Tracking. , 2014, , .		7
399	Robust Visual Tracking Using Dynamic Classifier Selection with Sparse Representation of Label Noise. Lecture Notes in Computer Science, 2013, , 29-42.	1.3	0
400	Visual Tracking via Sparse Representation and Online Dictionary Learning. Lecture Notes in Computer Science, 2014, , 87-103.	1.3	1

#	ARTICLE	IF	CITATIONS
401	Occlusion Detection via Structured Sparse Learning for Robust Object Tracking. Advances in Computer Vision and Pattern Recognition, 2014, , 93-112.	1.3	0
402	A Novel Fragments-based Similarity Measurement Algorithm for Visual Tracking. Journal of Computers, 2014, 9, .	0.4	1
403	A Particle Swarm Optimization Algorithm with Local Sparse Representation for Visual Tracking. Journal of Computers, 2014, 9, .	0.4	0
404	Feature Representation and Learning. Advances in Computer Vision and Pattern Recognition, 2015, , 155-181.	1.3	0
405	Visual Tracking via Structure Rearrangement and Multi-scale Block Appearance Model. Communications in Computer and Information Science, 2015, , 106-119.	0.5	0
406	Particle dynamics and multi-channel feature dictionaries for robust visual tracking. , 2015, , .		1
407	Robust Visual Tracking with Dual Group Structure. Lecture Notes in Computer Science, 2015, , 614-629.	1.3	1
409	Adaptive Multiple Appearances Model Framework for Long-Term Robust Tracking. Lecture Notes in Computer Science, 2015, , 160-170.	1.3	2
410	Blur-Resilient Tracking Using Group Sparsity. Lecture Notes in Computer Science, 2015, , 131-145.	1.3	7
412	Online Adaptive Multiple Appearances Model for Long-Term Tracking. Communications in Computer and Information Science, 2016, , 501-516.	0.5	0
413	Robust Object Tracking Based on Collaborative Model via L2-Norm Minimization. Communications in Computer and Information Science, 2016, , 486-500.	0.5	0
414	An Improved MEEM Tracker via Adaptive Binary Feature Encoding. Communications in Computer and Information Science, 2016, , 413-425.	0.5	1
415	Real-Time Object Tracking Using Dynamic Measurement Matrix. Communications in Computer and Information Science, 2016, , 426-436.	0.5	0
416	Set to Set Visual Tracking. Lecture Notes in Computer Science, 2016, , 700-712.	1.3	0
417	Visual tracking based on the estimation of representation residual matrix. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 194201.	0.5	0
418	Visual Tracking by Local Superpixel Matching with Markov Random Field. Lecture Notes in Computer Science, 2016, , 1-10.	1.3	3
419	On Combining Compressed Sensing and Sparse Representations for Object Tracking. Lecture Notes in Computer Science, 2016, , 32-43.	1.3	1
420	A Simplified Low Rank and Sparse Model for Visual Tracking. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
421	A New Discriminative Tracking Method Applied in Multi-rotor Unmanned Aircraft. , 2017, , .		0
422	Object tracking by transitive learning using perspective transformation with asymptotic stability. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	2
423	A Fusion Approach to Grayscale-Thermal Tracking with Cross-Modal Sparse Representation. Communications in Computer and Information Science, 2018, , 494-505.	0.5	2
424	Real-Time RGBD Object Tracking via Collaborative Appearance and Motion Models. Communications in Computer and Information Science, 2018, , 449-460.	0.5	0
425	A Novel Background Normalization Technique with Textural Pattern Analysis for Multiple Target Tracking in Video. Advances in Intelligent Systems and Computing, 2019, , 373-381.	0.6	0
426	Smart Accident Detection and Prevention System (SADPS). Advances in Multimedia and Interactive Technologies Book Series, 2019, , 105-119.	0.2	0
427	Adaptive multi-task learning using lagrange multiplier for automatic art analysis. Multimedia Tools and Applications, 2022, 81, 3715-3733.	3.9	3
428	Multi-Task Learning with Deep Dual-Path Network for Facial Attribute Recognition. , 2020, , .		4
429	Supervised Machine Learning Approaches for Moving Object Tracking: A Survey. SN Computer Science, 2022, 3, .	3.6	1
430	Robust RGB-T Tracking via Graph Attention-Based Bilinear Pooling. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9900-9911.	11.3	8
432	The New Generation Brain-Inspired Sparse Learning: A Comprehensive Survey. IEEE Transactions on Artificial Intelligence, 2022, 3, 887-907.	4.7	6
433	Adaptive stochastic conjugate gradient for machine learning. Expert Systems With Applications, 2022, 206, 117719.	7.6	7
434	Multi-Aspect Dense Retrieval. , 2022, , .		11
436	Inverse Sparse Object Tracking via Adaptive Representation. Lecture Notes in Computer Science, 2022, , 353-366.	1.3	0
437	Contextual Analysis of Videos. Synthesis Lectures on Image, Video, and Multimedia Processing, 2013, , .	0.9	1
438	Multi-Task Learning Framework for Detecting Hashtag Hijack Attack in Mobile Social Networks. , 2022, , .		1
439	Sequence-constrained multitask horizon tracking. Geophysics, 2023, 88, IM15-IM27.	2.6	3
440	Speech emotion recognition based on convolutional neural network with attention-based bidirectional long short-term memory network and multi-task learning. Applied Acoustics, 2023, 202, 109178.	3.3	18

#	ARTICLE	IF	CITATIONS
441	Progressive Multi-scale Deraining Network. , 2022, , .		1
442	SkeleVision: Towards Adversarial Resiliency of Person Tracking with Multi-Task Learning. Lecture Notes in Computer Science, 2023, , 449-466.	1.3	0
443	Toward Robust Visual Object Tracking With Independent Target-Agnostic Detection and Effective Siamese Cross-Task Interaction. IEEE Transactions on Image Processing, 2023, 32, 1541-1554.	9.8	14
444	SiamMLT: Siamese Hybrid Multi-layer Transformer Fusion Tracker. Neural Processing Letters, 0, , .	3.2	0
445	Rain Streak Removal via Spatio-Channel Based Spectral Graph CNN for Image Deraining. Communications in Computer and Information Science, 2023, , 149-160.	0.5	0
446	LWR Application on Calculating Travel Time in Urban Arterials with Traffic Lights. Lecture Notes in Networks and Systems, 2023, , 789-798.	0.7	0
447	Multitask Learning for Automated Sleep Staging and Wearable Technology Integration. Advanced Intelligent Systems, 2024, 6, .	6.1	0
448	Death comes but why: A multi-task memory-fused prediction for accurate and explainable illness severity in ICUs. World Wide Web, 2023, 26, 4025-4045.	4.0	1
449	Tracking. Synthesis Lectures on Computer Vision, 2024, , 3-115.	0.6	0
450	Deep Learning for Plant Identification and Disease Classification from Leaf Images: Multi-prediction Approaches. ACM Computing Surveys, 2024, 56, 1-37.	23.0	0
451	Learning Adaptive Spatio-Temporal Inference Transformer for Coarse-to-Fine Animal Visual Tracking: Algorithm and Benchmark. International Journal of Computer Vision, 0, , .	15.6	0