

IEEE Transactions on Pattern Analysis and Machine Intelligenc 33, 1619-1632

DOI: 10.1109/tpami.2010.226

Citation Report

#	Article	IF	CITATIONS
1	Multi-camera multi-object tracking by robust hough-based homography projections., 2011,,.		16
2	Interactive tracking-based pedestrian segmentation in dynamic scenes. , 2011, , .		0
3	Robust object tracking via online learning of adaptive appearance manifold. , 2011, , .		1
4	Visual tracking with online discriminative learning. , 2011, , .		1
5	Affine Object Tracking Using Kernel-Based Region Covariance Descriptors. Advances in Intelligent and Soft Computing, 2011, , 613-623.	0.2	3
6	FaceHugger: The ALIEN Tracker Applied to Faces. Lecture Notes in Computer Science, 2012, , 597-601.	1.3	12
7	Real-Time Compressive Tracking. Lecture Notes in Computer Science, 2012, , 864-877.	1.3	911
8	Analysis of MILTrack. , 2012, , .		0
9	Decentralized tracking of humans using a camera network. Proceedings of SPIE, 2012, , .	0.8	4
10	Novel algorithm based on nonnegative least-square estimation for visual object tracking. Optical Engineering, 2012, 51, 037201.	1.0	0
11	Semi-supervised multiple instance learning based domain adaptation for object detection., 2012,,.		1
12	Visual tracking by separability-maximum online boosting. , 2012, , .		1
13	Robust Orientation and Appearance Adaptation for Wide-Area Large Format Video Object Tracking. , 2012, , .		16
14	Evaluation of tracking algorithm performance without ground-truth data. , 2012, , .		8
15	Tracking Blurred Object with Data-Driven Tracker. , 2012, , .		3
16	Multiple instance learning of Calmodulin binding sites. Bioinformatics, 2012, 28, i416-i422.	4.1	27
17	Visual Tracking by Weighted Likelihood Maximization. , 2012, , .		2
18	Online adaptive feature weighting for spatiogram-bank tracking. Pattern Analysis and Applications, 2012, 15, 367-377.	4.6	2

#	Article	IF	Citations
19	A Joint Object Tracking Framework with Incremental and Multiple Instance Learning. , 2012, , .		0
20	Structured compressive sensing for robust and fast visual tracking. , 2012, , .		3
21	Visual tracking with dual modeling. , 2012, , .		5
22	Adaptive Appearance Modeling for Video Tracking: Survey and Evaluation. IEEE Transactions on Image Processing, 2012, 21, 4334-4348.	9.8	122
24	A variational method for contour tracking via covariance matching. Science China Information Sciences, 2012, 55, 2635-2645.	4.3	5
25	Visual tracking using D2-clustering and particle filter. , 2012, , .		4
26	Efficient Online Subspace Learning With an Indefinite Kernel for Visual Tracking and Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1624-1636.	11.3	52
27	Real-Time Object Tracking Algorithm Employing On-Line Support Vector Machine and Multiple Candidate Regeneration. Lecture Notes in Computer Science, 2012, , 617-625.	1.3	2
28	To Track or To Detect? An Ensemble Framework for Optimal Selection. Lecture Notes in Computer Science, 2012, , 594-607.	1.3	31
29	Robust object tracking with multiple basic mean shift tracker. , 2012, , .		1
30	Theory of evidence for face detection and tracking. International Journal of Approximate Reasoning, 2012, 53, 728-746.	3.3	17
31	Moving Object Detection by Detecting Contiguous Outliers in the Low-Rank Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 597-610.	13.9	623
32	A Bag-of-Features Framework to Classify Time Series. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2796-2802.	13.9	259
33	Robust Object Tracking Via Active Feature Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1957-1967.	8.3	37
34	Robust Visual Tracking Using an Adaptive Coupled-Layer Visual Model. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 941-953.	13.9	166
35	Kernel Based Multiple Cue Adaptive Appearance Model For Robust Real-time Visual Tracking. IEEE Signal Processing Letters, 2013, 20, 1094-1097.	3.6	11
36	Real-Time Object Tracking Via Online Discriminative Feature Selection. IEEE Transactions on Image Processing, 2013, 22, 4664-4677.	9.8	189
37	MI2LS., 2013,,.		21

#	Article	IF	CITATIONS
38	MATRIOSKA: A Multi-level Approach to Fast Tracking by Learning. Lecture Notes in Computer Science, 2013, , 419-428.	1.3	36
39	Online Object Tracking: A Benchmark. , 2013, , .		2,834
40	Real-time keypoint-based object tracking via online learning. , 2013, , .		1
41	Video-Based Tracking, Learning, and Recognition Method for Multiple Moving Objects. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1661-1674.	8.3	22
42	Object Tracking with Sparse Representation and Annealed Particle Filter. , 2013, , .		2
43	An Adaptive Combination of Multiple Features for Robust Tracking in Real Scene. , 2013, , .		10
44	Joint Registration and Active Contour Segmentation for Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1589-1597.	8.3	21
45	Artificial Potential Field Based Cooperative Particle Filter for Multi-View Multi-Object Tracking. , 2013, , .		2
46	Saliency Detection by Multiple-Instance Learning. IEEE Transactions on Cybernetics, 2013, 43, 660-672.	9.5	163
47	Less Is More: Video Trimming for Action Recognition. , 2013, , .		6
48	Robust Object Tracking with Online Multi-lifespan Dictionary Learning. , 2013, , .		49
49	Target tracking by multiple cues based on genetic particle filter. , 2013, , .		O
50	Online Robust Non-negative Dictionary Learning for Visual Tracking. , 2013, , .		150
51	Robust Real-Time Tracking with Diverse Ensembles and Random Projections. , 2013, , .		10
52	Graph Embedding Based Semi-supervised Discriminative Tracker. , 2013, , .		11
53	Covariance based local salient descriptors for visual tracking. , 2013, , .		4
54	Robust visual tracking with a novel online semi-supervised multiple instance boosting algorithm. , 2013, , .		1
55	Video Tracking via Tensor Neighborhood Preserving Discriminant Embedding. , 2013, , .		0

#	Article	IF	Citations
56	Tracking via Robust Multi-task Multi-view Joint Sparse Representation., 2013,,.		116
57	Euler Principal Component Analysis. International Journal of Computer Vision, 2013, 101, 498-518.	15.6	76
58	Mining Semantic Context Information for Intelligent Video Surveillance of Traffic Scenes. IEEE Transactions on Industrial Informatics, 2013, 9, 149-160.	11.3	76
59	Insect vision inspired particle filter for visual tracking. , 2013, , .		0
60	Locally connected graph for visual tracking. Neurocomputing, 2013, 120, 45-53.	5.9	8
61	Sparse coding based visual tracking: Review and experimental comparison. Pattern Recognition, 2013, 46, 1772-1788.	8.1	345
62	Real-time tracking of low-resolution vehicles for wide-area persistent surveillance., 2013,,.		41
63	Low-Resolution Face Tracker Robust to Illumination Variations. IEEE Transactions on Image Processing, 2013, 22, 1726-1739.	9.8	63
64	A Directional-Edge-Based Real-Time Object Tracking System Employing Multiple Candidate-Location Generation. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 503-517.	8.3	31
65	Real-time visual tracking via online weighted multiple instance learning. Pattern Recognition, 2013, 46, 397-411.	8.1	310
66	Abnormal Behavior Detection Using Privacy Protected Videos., 2013,,.		4
67	Multi-view face detection in videos with online adaptation. , 2013, , .		0
68	Integral Channel Features for Particle Filter Based Object Tracking. , 2013, , .		5
69	Visual Face Tracking: A Coarse-to-Fine Target State Estimation. , 2013, , .		2
70	Scalable compressive tracking based on motion. , 2013, , .		4
71	Transfer learning based compressive tracking. , 2013, , .		1
72	Robust visual tracking via adaptive forest. , 2013, , .		1
73	A multiple face detection and tracking system based on TLD. , 2013, , .		2

#	Article	IF	Citations
74	The Visual Object Tracking VOT2013 Challenge Results., 2013,,.		154
75	Using appearance re-matching to improve real-time compressive tracking. , 2013, , .		0
76	Dynamic Compressive Tracking. , 2013, , .		3
77	Embedding holistic appearance information in partâ€based adaptive appearance model for robust visual tracking. Electronics Letters, 2013, 49, 1219-1221.	1.0	1
78	Combining Two Detectors for Object Tracking. Advanced Materials Research, 2013, 709, 474-480.	0.3	0
79	Hierarchical Sampling for Multi-Instance Ensemble Learning. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2900-2905.	5.7	17
80	Compressive tracking via oversaturated subâ€region classifiers. IET Computer Vision, 2013, 7, 448-455.	2.0	16
81	A Bayesian Approach to Tracking Learning Detection. Lecture Notes in Computer Science, 2013, , 803-812.	1.3	2
82	Robust object tracking using linear neighborhood propagation. Journal of Electronic Imaging, 2013, 22, 013015.	0.9	2
83	Online multiple instance regression. Chinese Physics B, 2013, 22, 098702.	1.4	1
84	Robust and efficient object tracking algorithm under illumination changes based on joint gradient-intensity histogram. , $2013, \dots$		0
85	Multiple instance learning via distance metric optimization. , 2013, , .		2
86	Pathological Site Retargeting under Tissue Deformation Using Geometrical Association and Tracking. Lecture Notes in Computer Science, 2013, 16, 67-74.	1.3	15
87	L1 tracker with spatially weighted similarity measure based clustering. , 2013, , .		0
88	Video Segmentation by Tracking Many Figure-Ground Segments. , 2013, , .		361
89	Self-Paced Learning for Long-Term Tracking. , 2013, , .		145
90	Object tracking based on kernel recursive least-squares with total error rate minimization. , 2013, , .		0
91	Robust Real-Time Tracking of Multiple Objects by Volumetric Mass Densities. , 2013, , .		34

#	Article	IF	Citations
92	Person-specific face tracking with online recognition. , 2013, , .		3
93	Adaptive online learning for human tracking. , 2013, , .		2
94	Robust multi-patch tracking. , 2013, , .		1
95	Robust visual tracking via part-based sparsity model. , 2013, , .		1
96	Orderless Tracking through Model-Averaged Posterior Estimation. , 2013, , .		18
97	Real-time visual tracking using & amp; $\pm x2113$; < inf> 2< /inf> norm regularization based collaborative representation., 2013,,.		0
98	An active contour tracking method by matching foreground and background simultaneously. , 2013, , .		5
99	A novel incremental weighted PCA algorithm for visual tracking. , 2013, , .		2
100	An efficient occlusion detection method to improve object trackers. , 2013, , .		3
101	Multiple Instance Support Vector Machines with latent variable description., 2013,,.		0
102	Visual Tracking via Locality Sensitive Histograms. , 2013, , .		237
103	Efficient silhouette based contour tracking. , 2013, , .		2
104	1 MS tracking of target boundaries using contour propagation. , 2013, , .		0
105	Point cloud video object segmentation using a persistent supervoxel world-model. , 2013, , .		17
106	Condensation-based multi-person tracking using an online SVM approach., 2013,,.		4
107	On One-Shot Similarity Kernels: Explicit Feature Maps and Properties. , 2013, , .		0
108	Demo: Persistent people tracking and face capture using a PTZ camera. , 2013, , .		4
109	Finding the Best from the Second Bests - Inhibiting Subjective Bias in Evaluation of Visual Tracking Algorithms. , 2013, , .		55

#	Article	IF	CITATIONS
110	Adaptive visual tracking with reacquisition ability for arbitrary objects., 2013,,.		1
111	A multiple-candidate-regeneration-based object tracking system with enhanced learning capability by nearest neighbor classifier. , 2013, , .		0
112	Real-time compressive tracking with motion estimation. , 2013, , .		1
113	Pose-Configurable Generic Tracking of Elongated Objects. , 2013, , .		3
114	Part-Based Visual Tracking with Online Latent Structural Learning. , 2013, , .		169
115	Multi-object tracking using hybrid observation in PHD filter. , 2013, , .		3
116	Structure Preserving Object Tracking. , 2013, , .		136
117	Robust object tracking based on accelerated sparse representation. , 2013, , .		0
118	Learning appearance manifolds with structured sparse representation for robust visual tracking. , 2013, , .		0
119	Multiple instance learning tracking method with local sparse representation. IET Computer Vision, 2013, 7, 320-334.	2.0	11
120	Real time face tracking and pose estimation using an adaptive correlation filter for human-robot interaction. , $2013, \ldots$		6
121	Initialization-Insensitive Visual Tracking through Voting with Salient Local Features. , 2013, , .		14
122	RECENT ADVANCE ON MEAN SHIFT TRACKING: A SURVEY. International Journal of Image and Graphics, 2013, 13, 1350012.	1.5	6
123	Tracking articulated human movements witha component based approach to boosted multiple instance learning., 2013,,.		1
124	A user supported tracking framework for interactive video production. , 2013, , .		2
125	Real-Time Tracking with Online Constrained Compressive Learning. IEICE Transactions on Information and Systems, 2013, E96.D, 988-992.	0.7	3
127	Feature selection for appearance-based vehicle tracking in geospatial video. Proceedings of SPIE, 2013, , .	0.8	10
128	Real-time Adaptive Multi-Classifier Multi-Resolution Visual Tracking Framework for Unmanned Aerial Vehicles. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 99-106.	0.4	6

#	Article	IF	CITATIONS
129	The Research and Application of Visual Saliency and Adaptive Support Vector Machine in Target Tracking Field. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-8.	1.3	7
130	Multi-scale patch-based sparse appearance model for robust object tracking. Machine Vision and Applications, 2014, 25, 1859-1876.	2.7	6
131	Adaptive visual tracking using the prioritized Q-learning algorithm: MDP-based parameter learning approach. Image and Vision Computing, 2014, 32, 1090-1101.	4. 5	4
132	Real-time object tracking via optimal feature subspace. , 2014, , .		2
133	Car tracking algorithm based on Kalman filter and compressive tracking. , 2014, , .		6
134	Visual Tracking Using Multi-stage Random Simple Features. , 2014, , .		0
135	Comparison of General Object Trackers for Hand Tracking in High-Speed Videos. , 2014, , .		4
136	Tracking Using Multiple Linear Searches and Motion Direction Sampling. , 2014, , .		0
137	Real-Time Object Tracking with Generalized Part-Based Appearance Model and Structure-Constrained Motion Model. , 2014, , .		2
138	Improving Object Tracking by Adapting Detectors. , 2014, , .		3
139	Real-Time Visual Target Tracking in RGB-D Data for Person-Following Robots. , 2014, , .		9
140	Real-time people detection and tracking for indoor surveillance using multiple top-view depth cameras. , $2014, \ldots$		30
141	Robust and Efficient Tracker Using Dictionary of Binary Descriptors and Locality Constraints. Lecture Notes in Computer Science, 2014, , 589-598.	1.3	2
142	A Unified Online Dictionary Learning Framework with Label Information for Robust Object Tracking. , 2014, , .		O
143	Scale adaptive visual tracking with latent SVM. Electronics Letters, 2014, 50, 1933-1934.	1.0	1
144	Visual tracking via graph-based efficient manifold ranking with low-dimensional compressive features. , 2014, , .		5
145	Robust visual tracking via discriminative sparse point matching. , 2014, , .		1
146	Robust tracking via weighted spatio-temporal context learning. , 2014, , .		9

#	Article	IF	Citations
147	SIFT flow for large-displacement object tracking. Applied Optics, 2014, 53, 6194.	1.8	13
148	Fast object tracking with long-term occlusions handling in dynamic scenes. , 2014, , .		2
149	Human gait capture by tracking joint motion based on Kalman Filter. , 2014, , .		3
150	Online co-training ranking SVM for visual tracking. , 2014, , .		3
151	Improving FPGA accelerated tracking with multiple online trained classifiers. , 2014, , .		2
152	The Matrioska Tracking Algorithm on LTDT2014 Dataset. , 2014, , .		6
153	Visual tracking based on local patches. , 2014, , .		0
154	Adaptive Image Feature Reduction for Object Tracking. Advanced Materials Research, 2014, 989-994, 3605-3608.	0.3	0
155	$\label{thm:constraint} \textit{V} is ion-based scale-adaptive vehicle detection and tracking for intelligent traffic monitoring.,2014,,.$		3
156	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
157	Enhanced MIL tracker with distribution fieldâ€based features and temporal fusion framework. Electronics Letters, 2014, 50, 1830-1832.	1.0	0
158	Low-complexity scalable distributed multicamera tracking of humans. ACM Transactions on Sensor Networks, 2014, 10, 1-32.	3. 6	6
159	Invariant Hough Random Ferns for Object Detection and Tracking. Mathematical Problems in Engineering, 2014, 2014, 1-20.	1.1	3
160	Object tracking using compressive local appearance model with â,," ₁ â€regularisation. Electronics Letters, 2014, 50, 444-446.	1.0	3
161	Incremental Structured Dictionary Learning for Video Sensor-Based Object Tracking. Sensors, 2014, 14, 3130-3155.	3.8	3
162	Online Learning Discriminative Dictionary with Label Information for Robust Object Tracking. Abstract and Applied Analysis, 2014, 2014, 1-12.	0.7	1
163	Robust visual tracking via online informative feature selection. Electronics Letters, 2014, 50, 1931-1933.	1.0	64
164	Object Tracking Using Adaptive Covariance Descriptor and Clustering-Based Model Updating for Visual Surveillance. Sensors, 2014, 14, 9380-9407.	3.8	10

#	Article	IF	Citations
165	Robust visual tracking based on watershed regions. IET Computer Vision, 2014, 8, 588-600.	2.0	3
166	A fusion approach for robust visual object tracking in crowd scenes. , 2014, , .		0
167	Tracking Non-rigid Object Using Discriminative Features. , 2014, , .		0
168	Long-term object tracking combined offline with online learning. , 2014, , .		O
169	Tracking deformable parts via dynamic conditional random fields. , 2014, , .		5
170	DCT representations based appearance model for visual tracking. , 2014, , .		1
171	The incremental PCA tracking with negative samples. , 2014, , .		0
172	Learning multi-scale sparse representation for visual tracking. , 2014, , .		1
173	Visual Object Tracking via Joint Learning Method. , 2014, , .		0
174	Discriminative Multi-Task Sparse Learning for Robust Visual Tracking Using Conditional Random Field. , 2014, , .		0
175	Multi-camera Pedestrian Tracking using Group Structure. , 2014, , .		2
176	Fusion of Tracking Techniques to Enhance Adaptive Real-time Tracking of Arbitrary Objects. Procedia Computer Science, 2014, 39, 162-165.	2.0	2
177	Collaborating frames: Temporally weighted sparse representation for visual tracking. , 2014, , .		0
178	Target salient confidence for visual tracking. , 2014, , .		0
179	Adaptive structured sub-blocks tracking. , 2014, , .		0
180	Robust visual tracking with spatial phase correlation. , 2014, , .		1
181	An instance selection and optimization method for multiple instance learning. , 2014, , .		0
182	Perimeter-intrusion event classification for on-line detection using multiple instance learning solving temporal ambiguities. , 2014, , .		3

#	Article	IF	CITATIONS
183	Compressive object tracking — A review and analysis. , 2014, , .		1
184	Robust visual tracking with occlusion detection using compressive sensing. , 2014, , .		2
185	An Occlusion-Resolving Hand Tracking Method. , 2014, , .		2
186	Online Object Tracking, Learning, and Parsing with And-Or Graphs. , 2014, , .		43
187	A joint method combining feature and deformation handling with classification model for object tracking. , 2014, , .		0
188	Particle filter based multi-pedestrian tracking by HOG and HOF. , 2014, , .		1
189	A robust object tracking method based on sparse representation. , 2014, , .		0
190	Improved compressive tracker via local context learning. , 2014, , .		1
191	Many-to-Many Superpixel Matching for Robust Tracking. IEEE Transactions on Cybernetics, 2014, 44, 1237-1248.	9.5	12
192	Incremental Discriminative Color Object Tracking. Communications in Computer and Information Science, 2014, , 71-81.	0.5	8
193	Robust Deformable and Occluded Object Tracking With Dynamic Graph. IEEE Transactions on Image Processing, 2014, 23, 5497-5509.	9.8	71
194	Realâ€time robust 3D object tracking and estimation for surveillance system. Security and Communication Networks, 2014, 7, 1599-1611.	1.5	7
195	An ensemble of deep neural networks for object tracking. , 2014, , .		34
196	A low-complexity visual tracking approach with single hidden layer neural networks. , 2014, , .		2
197	Robust visual multitask tracking via composite sparse model. Journal of Electronic Imaging, 2014, 23, 063022.	0.9	1
198	Autonomous target tracking of UAVs based on low-power neural network hardware. , 2014, , .		2
199	Algorithm for moving object detection and tracking in video sequence using color feature. , 2014, , .		3
200	Online feature subset selection for object tracking. , 2014, , .		0

#	Article	IF	CITATIONS
201	Structure-aware multi-object discovery for weakly supervised tracking. , 2014, , .		7
202	A new real-time object tracking algorithm for effect and efficiency optimization. , 2014, , .		0
203	A Survey: Target Tracking Algorithm Based on Sparse Representation. , 2014, , .		3
204	Variable Scale Compressive Tracking Based on Structural Constraint Sample. Applied Mechanics and Materials, 0, 488-489, 1074-1078.	0.2	0
205	Real time person detection and tracking by mobile robots using RGB-D images. , 2014, , .		6
206	Tracking with scattering descriptor. IET Computer Vision, 2014, 8, 195-206.	2.0	0
207	Adaptive weighted realâ€ŧime compressive tracking. IET Computer Vision, 2014, 8, 740-752.	2.0	2
208	Object tracking based on online partial instance learning with multiple local strong classifiers. , 2014, , .		2
209	Robust object tracking via online informative feature selection. , 2014, , .		1
210	Visual Tracking via Feature Tensor Multimanifold Discriminate Analysis. Mathematical Problems in Engineering, 2014, 2014, 1-12.	1.1	0
211	A Novel Tracking Method Based on Ensemble Metric Learning. , 2014, , .		0
212	Visual tracking using logistic regression and sparse representation. , 2014, , .		0
213	Online Learning a High-Quality Dictionary and Classifier Jointly for Multitask Object Tracking. IEEE MultiMedia, 2014, 21, 56-66.	1.7	1
214	Online MIL tracking with instance-level semi-supervised learning. Neurocomputing, 2014, 139, 272-288.	5.9	17
215	Visual tracking via weakly supervised learning from multiple imperfect oracles. Pattern Recognition, 2014, 47, 1395-1410.	8.1	115
216	A new classification model using privileged information and its application. Neurocomputing, 2014, 129, 146-152.	5.9	15
217	Take your eyes off the ball: Improving ball-tracking by focusing on team play. Computer Vision and Image Understanding, 2014, 119, 102-115.	4.7	37
218	Graph-Embedding-Based Learning for Robust Object Tracking. IEEE Transactions on Industrial Electronics, 2014, 61, 1072-1084.	7.9	45

#	ARTICLE	IF	CITATIONS
219	Multitask Extreme Learning Machine for Visual Tracking. Cognitive Computation, 2014, 6, 391-404.	5.2	13
220	Robust Visual Tracking with SIFT Features and Fragments Based on Particle Swarm Optimization. Circuits, Systems, and Signal Processing, 2014, 33, 1507-1526.	2.0	13
221	Real-time background subtraction-based video surveillance of people by integrating local texture patterns. Signal, Image and Video Processing, 2014, 8, 665-676.	2.7	34
222	Robust Online Learned Spatio-Temporal Context Model for Visual Tracking. IEEE Transactions on Image Processing, 2014, 23, 785-796.	9.8	97
223	Structured partial least squares for simultaneous object tracking and segmentation. Neurocomputing, 2014, 133, 317-327.	5.9	15
224	Robust visual tracking via augmented kernel SVM. Image and Vision Computing, 2014, 32, 465-475.	4.5	7
225	Spatial Neighborhood-Constrained Linear Coding for Visual Object Tracking. IEEE Transactions on Industrial Informatics, 2014, 10, 469-480.	11.3	21
226	Robust Visual Tracking Using Flexible Structured Sparse Representation. IEEE Transactions on Industrial Informatics, 2014, 10, 538-547.	11.3	23
227	Weakly supervised histopathology cancer image segmentation and classification. Medical Image Analysis, 2014, 18, 591-604.	11.6	217
228	Preserving Structure in Model-Free Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 756-769.	13.9	122
229	Object tracking with sparse representation and annealed particle filter. Signal, Image and Video Processing, 2014, 8, 1059-1068.	2.7	13
230	A Probabilistic Graph-Based Framework for Plug-and-Play Multi-Cue Visual Tracking. IEEE Transactions on Image Processing, 2014, 23, 2291-2301.	9.8	3
231	Multi-cue based tracking. Neurocomputing, 2014, 131, 227-236.	5.9	90
232	Collaborative object tracking model with local sparse representation. Journal of Visual Communication and Image Representation, 2014, 25, 423-434.	2.8	21
233	A comparison of tracking algorithm performance for objects in wide area imagery. , 2014, , .		9
234	Online semi-supervised compressive coding for robust visual tracking. Journal of Visual Communication and Image Representation, 2014, 25, 793-804.	2.8	15
235	Improved appearance updating method in multiple instance learning tracking. IET Computer Vision, 2014, 8, 118-130.	2.0	2
236	Online learning-based robust visual tracking for autonomous landing of Unmanned Aerial Vehicles. , 2014, , .		14

#	Article	IF	CITATIONS
237	Object Tracking by Oversampling Local Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2538-2551.	13.9	88
238	Pedestrian detection combining RGB and dense LIDAR data. , 2014, , .		120
239	Part-Based Online Tracking With Geometry Constraint and Attention Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 854-864.	8.3	31
240	Patchwise Joint Sparse Tracking With Occlusion Detection. IEEE Transactions on Image Processing, 2014, 23, 4496-4510.	9.8	13
241	PageRank Tracker: From Ranking to Tracking. IEEE Transactions on Cybernetics, 2014, 44, 882-893.	9.5	40
242	FPGA Accelerated Online Boosting for Multi-target Tracking. , 2014, , .		3
243	Nonlinear learning using LCC for online visual tracking. , 2014, , .		3
244	Speeding Up Tracking by Ignoring Features. , 2014, , .		3
245	Improved mean shift target tracking based on self-organizing maps. Signal, Image and Video Processing, 2014, 8, 103-112.	2.7	4
246	An extended Real-Time Compressive Tracking Method using weighted multi-frame Cosine Similarity Metric. , 2014, , .		3
247	Online discriminative dictionary learning via label information for multi task object tracking. , 2014, , .		0
248	Robust real-time vision-based aircraft tracking from Unmanned Aerial Vehicles. , 2014, , .		72
249	Robust tracking of articulated human movements through Component-Based Multiple Instance Learning with particle filtering. , 2014, , .		0
250	Structure-aware keypoint tracking for partial occlusion handling. , 2014, , .		17
251	A Similarity-Based Classification Framework for Multiple-Instance Learning. IEEE Transactions on Cybernetics, 2014, 44, 500-515.	9.5	34
252	Performance evaluation of detecting moving objects using graph cut segmentation., 2014,,.		3
253	Robust surface tracking in range image sequences. , 2014, 35, 37-44.		1
254	Robust Object Tracking With Reacquisition Ability Using Online Learned Detector. IEEE Transactions on Cybernetics, 2014, 44, 2134-2142.	9.5	10

#	Article	IF	CITATIONS
255	Object Tracking Using Dimension Reduction of Descriptive Features., 2014,,.		0
256	Multi-cue Visual Tracking Using Robust Feature-Level Fusion Based on Joint Sparse Representation. , 2014, , .		110
257	Consensus-based matching and tracking of keypoints for object tracking. , 2014, , .		106
258	Fast Compressive Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 2002-2015.	13.9	479
259	Is my new tracker really better than yours?. , 2014, , .		39
260	Symbiotic Tracker Ensemble Toward A Unified Tracking Framework. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1122-1131.	8.3	39
261	Visual tracking with randomly projected ferns. Signal Processing: Image Communication, 2014, 29, 987-997.	3.2	7
263	Discriminative multi-task objects tracking with active feature selection and drift correction. Pattern Recognition, 2014, 47, 3828-3840.	8.1	15
264	Object tracking via non-Euclidean geometry: A Grassmann approach. , 2014, , .		11
265	Convolutional restricted Boltzmann machines learning for robust visual tracking. Neural Computing and Applications, 2014, 25, 1383-1391.	5.6	8
266	Combining example selection with instance selection to speed up multiple-instance learning. Neurocomputing, 2014, 129, 504-515.	5.9	10
267	Object Tracking With Only Background Cues. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1911-1919.	8.3	15
268	Fusing target information from multiple views for robust visual tracking. IET Computer Vision, 2014, 8, 86-97.	2.0	6
269	Discriminative Object Tracking via Sparse Representation and Online Dictionary Learning. IEEE Transactions on Cybernetics, 2014, 44, 539-553.	9.5	98
270	Multi-scale ship tracking via random projections. Signal, Image and Video Processing, 2014, 8, 1069-1076.	2.7	12
271	Visual objects tracking and identification based on reduced quaternion wavelet transform. Signal, Image and Video Processing, 2014, 8, 75-84.	2.7	2
272	Robust Superpixel Tracking via Depth Fusion. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 15-26.	8.3	64
273	Discriminative subspace learning with sparse representation view-based model for robust visual tracking. Pattern Recognition, 2014, 47, 1383-1394.	8.1	31

#	Article	IF	CITATIONS
274	Visual tracking with structural appearance model based on extended incremental non-negative matrix factorization. Neurocomputing, 2014, 136, 327-336.	5.9	13
275	Efficient and robust multi-template tracking using multi-start interactive hybrid search. Computer Vision and Image Understanding, 2014, 120, 70-80.	4.7	1
276	Adaptive fusion of particle filtering and spatio-temporal motion energy for human tracking. Pattern Recognition, 2014, 47, 3552-3567.	8.1	24
277	Learning distance metric for object contour tracking. Pattern Analysis and Applications, 2014, 17, 265-277.	4.6	7
278	Visual tracking based on the color attention preserved sparse generative object model. , 2014, , .		0
279	Robust visual tracking via spatio-temporal cue integration. Proceedings of SPIE, 2014, , .	0.8	0
280	Visual tracking based on local patches and ferns forest. , 2014, , .		1
281	Improved weighted multiple instance learning for object tracking. Optik, 2015, 126, 5287-5293.	2.9	5
282	Real-Time Tracking with Selective DoP-RIEF Features for Augmented Reality., 2015,,.		1
283	Learning a temporally invariant representation for visual tracking. , 2015, , .		9
284	Tracking under scaling and rotations using stochastic mean shift. , 2015, , .		1
285	Feature fusion for robust object tracking. , 2015, , .		0
286	A Robust Adaptive Classifier for Detector Adaptation in a Video. , 2015, , .		0
287	Scalable Kernel Correlation Filter with Sparse Feature Integration. , 2015, , .		55
288	A registration-based tracking algorithm based on noise separation. Optik, 2015, 126, 5806-5811.	2.9	5
289	An improved object tracking based on spatial context. , 2015, , .		0
290	Compressive perceptual hashing tracking with online foreground learning. , 2015, , .		0
291	Learning to Track: Online Multi-object Tracking by Decision Making. , 2015, , .		443

#	Article	IF	CITATIONS
292	The Importance of Feature Representation for Visual Tracking Systems with Discriminative Methods. , $2015, \dots$		1
293	Robustness and Real-Time Performance of an Insect Inspired Target Tracking Algorithm Under Natural Conditions. , 2015, , .		1
294	Comparative analysis of mean shift in object tracking. , 2015, , .		4
295	Adapting generic trackers for tracking faces. , 2015, , .		О
296	Human concerned object detecting in video. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2015, 9, JAMDSM0072-JAMDSM0072.	0.7	2
297	Robust Superpixel Tracking with Weighted Multiple-Instance Learning. IEICE Transactions on Information and Systems, 2015, E98.D, 980-984.	0.7	1
298	Vision based object follower automated guided vehicle using compressive tracking and stereo-vision. , 2015, , .		10
299	Online Pedestrian Tracking Using Ensemble Color Feature. , 2015, , .		0
300	Multi-Store Tracker (Muster): A cognitive psychology inspired approach to object tracking. , 2015, , .		470
301	Target tracking for mobile robot based on Spatio-Temporal Context model. , 2015, , .		0
302	Learning online structural appearance model for robust object tracking. Science China Information Sciences, 2015, 58, 1-14.	4.3	9
303	Affine hull based target representation for visual tracking. Journal of Visual Communication and Image Representation, 2015, 30, 266-276.	2.8	6
304	Parts-based multi-task sparse learning for visual tracking. , 2015, , .		1
305	Real-time tracking based on neuromrophic vision. , 2015, , .		4
306	Correlation filters with limited boundaries. , 2015, , .		242
307	Loitering Detection Based on Trajectory Analysis. , 2015, , .		6
308	Regularized least-square object tracking based on â,,"2,1 minimization., 2015,,.		2
309	PD-Shift: Patch Detector Shift based Tracker. , 2015, , .		0

#	Article	IF	CITATIONS
310	Real-time scale-adaptive compressive tracking using two classification stages., 2015,,.		4
311	Robust object tracking via adaptive sparse representation. , 2015, , .		0
312	Multilayer feature combination for visual tracking. , 2015, , .		1
313	Visual Tracking Based on Extreme Learning Machine and Sparse Representation. Sensors, 2015, 15, 26877-26905.	3.8	16
314	Towards an Autonomous Vision-Based Unmanned Aerial System against Wildlife Poachers. Sensors, 2015, 15, 31362-31391.	3.8	73
315	Robust Visual Correlation Tracking. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	9
316	Visual Tracking Using an Insect Vision Embedded Particle Filter. Mathematical Problems in Engineering, 2015, 2015, 1-16.	1.1	4
317	Synergistic Change Detection and Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 609-622.	8.3	8
318	Online Visual Tracking Using Temporally Coherent Part Cluster. , 2015, , .		9
319	Visual tracking based on online sparse feature learning. Image and Vision Computing, 2015, 38, 24-32.	4.5	8
320	Efficient Sparse Representation and Modeling. Advances in Computer Vision and Pattern Recognition, 2015, , 117-151.	1.3	1
321	Inter-frame constrained coding based on superpixel for tracking. Visual Computer, 2015, 31, 701-715.	3.5	1
322	Tracking by local structural manifold learning in a new SSIR particle filter. Neurocomputing, 2015, 161, 277-289.	5.9	10
323	Online Kernel Slow Feature Analysis for Temporal Video Segmentation and Tracking. IEEE Transactions on Image Processing, 2015, 24, 2955-2970.	9.8	25
324	Online visual tracking by integrating spatioâ€ŧemporal cues. IET Computer Vision, 2015, 9, 124-137.	2.0	5
325	Locality constrained low-rank sparse learning for object tracking. , 2015, , .		0
326	Research on video coding parameters affecting object tracking. , 2015, , .		0
327	Long-term correlation tracking. , 2015, , .		671

#	ARTICLE	IF	CITATIONS
328	In defense of color-based model-free tracking. , 2015, , .		252
329	A new real-time robust object tracking method. , 2015, , .		0
330	Robust Multitask Multiview Tracking in Videos. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2874-2890.	11.3	65
331	Simpler Non-Parametric Methods Provide as Good or Better Results to Multiple-Instance Learning. , 2015, , .		5
332	Adaptive Real-Time Compressive Tracking. , 2015, , .		3
333	Robust Object Tracking Enhanced by Correction Dictionary. , 2015, , .		0
334	Multihypothesis trajectory analysis for robust visual tracking. , 2015, , .		10
335	Robust object tracking using color and depth images with a depth based occlusion handling and recovery. , $2015, , .$		4
336	Hierarchical Convolutional Features for Visual Tracking. , 2015, , .		1,250
337	Visual Tracking via Nonnegative Regularization Multiple Locality Coding. , 2015, , .		3
338	Object tracking with online discriminative sub-instance learning. , 2015, , .		0
339	Visual Tracking with Fully Convolutional Networks. , 2015, , .		682
340	The Visual Object Tracking VOT2015 Challenge Results., 2015,,.		134
341	Exploring Causal Relationships in Visual Object Tracking. , 2015, , .		9
342	Multi-kernel Correlation Filter for Visual Tracking. , 2015, , .		117
343	Bags of Affine Subspaces for Robust Object Tracking. , 2015, , .		1
344	Local random Mean-hash classifier based adaptive visual tracking. , 2015, , .		1
345	Relaxed Multiple-Instance SVM with Application to Object Discovery. , 2015, , .		64

#	Article	IF	CITATIONS
346	Tracking-by-Segmentation with Online Gradient Boosting Decision Tree. , 2015, , .		78
347	Visual Tracking via Part-Based Model with Auxiliary Objects. , 2015, , .		0
348	SOWP: Spatially Ordered and Weighted Patch Descriptor for Visual Tracking. , 2015, , .		86
349	Multi-instance learning via instance-based and bag-based representation transformations. , 2015, , .		1
350	An effective object tracking based on spatio-temporal context learning and Hog. , 2015, , .		0
351	Occlusion-Robust Pedestrian Tracking in Crowded Scenes. , 2015, , .		3
352	Visual Tracking with Convolutional Neural Network. , 2015, , .		6
353	Object tracking based on locality-constrained linear coding joint sparse representation appearance model., 2015,,.		0
354	Understanding and Diagnosing Visual Tracking Systems. , 2015, , .		247
355	Target confirmation and relocation using the correlation filter in mean shift tracking. , 2015, , .		1
356	Discriminative Low-Rank Tracking. , 2015, , .		27
357	Adaptive Compressive Tracking Algorithm Based on SIFT Features. , 2015, , .		1
358	Visual tracking via weighted sparse representation. , 2015, , .		0
359	Small Moving Object Tracking in Dynamic Video. , 2015, , .		2
360	Study on Deep Learning and Its Application in Visual Tracking. , 2015, , .		4
361	Online Object Tracking with Proposal Selection. , 2015, , .		72
362	TRIC-track: Tracking by Regression with Incrementally Learned Cascades. , 2015, , .		24
363	Robust Visual Tracking by Exploiting the Historical Tracker Snapshots., 2015,,.		9

#	Article	IF	CITATIONS
364	Recognizing suspicious activities in infrared imagery using appearance-based features and the theory of hidden conditional random fields for outdoor perimeter surveillance. Journal of Electronic Imaging, 2015, 24, 061111.	0.9	1
365	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
366	Two-person interaction recognition via spatial multiple instance embedding. Journal of Visual Communication and Image Representation, 2015, 32, 63-73.	2.8	33
367	Automatic cattle location tracking using image processing. , 2015, , .		6
368	Effective object tracking using extreme learning machine with smoothness and preference regularisation. Electronics Letters, 2015, 51, 1867-1869.	1.0	8
369	Object tracking on mobile devices using binary descriptors. Proceedings of SPIE, 2015, , .	0.8	0
370	Contextual object tracker with structure encoding. , 2015, , .		4
371	Single target tracking using adaptive clustered decision trees and dynamic multi-level appearance models., 2015,,.		35
372	Descriptor-based adaptive tracking-by-detection for visual sensor networks. , 2015, , .		4
373	Tracking with spatial constrained coding. IET Computer Vision, 2015, 9, 63-74.	2.0	0
374	Object tracking with adaptive motion modeling of particle filter and support vector machines. , 2015, , .		3
375	Robust multi-scale ship tracking via multiple compressed features fusion. Signal Processing: Image Communication, 2015, 31, 76-85.	3.2	17
376	Adaptive NormalHedge for robust visual tracking. Signal Processing, 2015, 110, 132-142.	3.7	38
377	Robust visual tracking by metric learning with weighted histogram representations. Neurocomputing, 2015, 153, 77-88.	5.9	12
378	High-Speed Tracking with Kernelized Correlation Filters. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 583-596.	13.9	4,528
379	Object Tracking with Multi-View Support Vector Machines. IEEE Transactions on Multimedia, 2015, , 1-1.	7.2	74
380	A Nonparametric Bayesian Approach to Multiple Instance Learning. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1551001.	1.2	0
381	Efficient structured \$\$ell 1\$\$ â,," 1 tracker based on laplacian error distribution. International Journal of Machine Learning and Cybernetics, 2015, 6, 581-595.	3.6	3

#	Article	IF	CITATIONS
382	Optical flow-based observation models for particle filter tracking. Pattern Analysis and Applications, 2015, 18, 135-143.	4.6	6
383	Object Tracking Benchmark. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 1834-1848.	13.9	2,674
384	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
385	Hybrid support vector machines for robust object tracking. Pattern Recognition, 2015, 48, 2474-2488.	8.1	30
386	Visual Tracking via Constrained Incremental Non-negative Matrix Factorization. IEEE Signal Processing Letters, 2015, 22, 1350-1353.	3.6	28
387	Two dimensional hashing for visual tracking. Computer Vision and Image Understanding, 2015, 135, 83-94.	4.7	10
388	Robust Discriminative Tracking via Landmark-Based Label Propagation. IEEE Transactions on Image Processing, 2015, 24, 1510-1523.	9.8	35
389	Robust visual tracking based on product sparse coding. Pattern Recognition Letters, 2015, 56, 52-59.	4.2	8
390	New Object Detection, Tracking, and Recognition Approaches for Video Surveillance Over Camera Network. IEEE Sensors Journal, 2015, 15, 2679-2691.	4.7	65
391	Robust visual tracking via multi-graph ranking. Neurocomputing, 2015, 159, 35-43.	5.9	16
392	Accurate and robust ROI localization in a camshift tracking application. Multimedia Tools and Applications, 2015, 74, 10291-10312.	3.9	6
393	Object tracking via collaborative multi-task learning and appearance model updating. Applied Soft Computing Journal, 2015, 31, 81-90.	7.2	11
394	Robust Visual Tracking Using Structurally Random Projection and Weighted Least Squares. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1749-1760.	8.3	117
395	Non-Rigid Object Contour Tracking via a Novel Supervised Level Set Model. IEEE Transactions on Image Processing, 2015, 24, 3386-3399.	9.8	26
396	Visual tracking of non-rigid objects with partial occlusion through elastic structure of local patches and hierarchical diffusion. Image and Vision Computing, 2015, 39, 23-37.	4.5	3
397	Abrupt motion tracking via nearest neighbor field driven stochastic sampling. Neurocomputing, 2015, 165, 350-360.	5.9	10
398	Robust visual tracking based on incremental discriminative projective non-negative matrix factorization. Neurocomputing, 2015, 166, 210-228.	5.9	8
399	Global Coupled Learning and Local Consistencies Ensuring for sparse-based tracking. Neurocomputing, 2015, 160, 191-205.	5.9	14

#	Article	IF	CITATIONS
400	Leveraging Long-Term Predictions and Online Learning in Agent-Based Multiple Person Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 399-410.	8.3	19
401	A Kinect-Based Real-Time Compressive Tracking Prototype System for Amphibious Spherical Robots. Sensors, 2015, 15, 8232-8252.	3.8	76
402	An Object Tracking Method Based on Illumination Compensation. Applied Mechanics and Materials, 0, 742, 286-289.	0.2	0
403	Robust tracking based on local structural cell graph. Journal of Visual Communication and Image Representation, 2015, 31, 54-63.	2.8	8
404	Online State-Based Structured SVM Combined With Incremental PCA for Robust Visual Tracking. IEEE Transactions on Cybernetics, 2015, 45, 1988-2000.	9.5	43
405	Robust visual tracking via online multiple instance learning with Fisher information. Pattern Recognition, 2015, 48, 3917-3926.	8.1	34
406	Detecting tympanostomy tubes from otoscopic images via offline and online training. Computers in Biology and Medicine, 2015, 61, 107-118.	7.0	11
407	Multi-local-task learning with global regularization for object tracking. Pattern Recognition, 2015, 48, 3881-3894.	8.1	21
408	Visual tracking based on compressive sensing and particle filter. , 2015, , .		0
409	Unsupervised Object Class Discovery via Saliency-Guided Multiple Class Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 862-875.	13.9	93
410	Robust visual tracking via efficient manifold ranking with low-dimensional compressive features. Pattern Recognition, 2015, 48, 2459-2473.	8.1	32
411	Analysis-by-synthesis: Pedestrian tracking with crowd simulation models in a multi-camera video network. Computer Vision and Image Understanding, 2015, 134, 48-63.	4.7	16
412	Moving object tracking based on multi-independent features distribution fields with comprehensive spatial feature similarity. Visual Computer, 2015, 31, 1633-1651.	3.5	6
413	A Robust Tracking System for Low Frame Rate Video. International Journal of Computer Vision, 2015, 115, 279-304.	15.6	76
414	An Elastic Deformation Field Model for Object Detection and Tracking. International Journal of Computer Vision, 2015, 111, 137-152.	15.6	12
415	Robust hand tracking via novel multi-cue integration. Neurocomputing, 2015, 157, 296-305.	5.9	27
416	Visual tracking in complex scenes through pixel-wise tri-modeling. Machine Vision and Applications, 2015, 26, 205-217.	2.7	4
417	A robust approach for long-term hand tracking. , 2015, , .		1

#	Article	IF	Citations
418	Self-expressive tracking. Pattern Recognition, 2015, 48, 2872-2884.	8.1	12
419	Weak label for fast online visual tracking. Signal Processing: Image Communication, 2015, 34, 32-44.	3.2	0
420	Learning a Tracking and Estimation Integrated Graphical Model for Human Pose Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 3176-3186.	11.3	25
421	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
422	Weighted Part Context Learning for Visual Tracking. IEEE Transactions on Image Processing, 2015, 24, 5140-5151.	9.8	12
423	An overview of object detection and tracking. , 2015, , .		12
424	A new hybrid tracking strategy based on Pulse Coupled Neural Network., 2015,,.		1
425	Visual tracking using multi-channel correlation filters. , 2015, , .		7
426	Visual Tracking Using Strong Classifier and Structural Local Sparse Descriptors. IEEE Transactions on Multimedia, 2015, 17, 1818-1828.	7.2	106
427	Robust visual tracking via speedup multiple kernel ridge regression. Journal of Electronic Imaging, 2015, 24, 053016.	0.9	4
428	A visual tracker based on improved kernel correlation filter. , 2015, , .		1
429	Online multi-modal task-driven dictionary learning and robust joint sparse representation for visual tracking. , 2015, , .		11
430	Particle filter with occlusion handling for visual tracking. IET Image Processing, 2015, 9, 959-968.	2.5	28
431	Robust tracking with perâ€exemplar support vector machine. IET Computer Vision, 2015, 9, 699-710.	2.0	2
432	A Real-Time Visual Tracking Approach Using Sparse Autoencoder and Extreme Learning Machine. Unmanned Systems, 2015, 03, 267-275.	3.6	2
433	Enhanced fast compressive tracking based on adaptive measurement matrix. IET Computer Vision, 2015, 9, 857-863.	2.0	14
434	Online pedestrian tracking via saliency-based H-S histogram. , 2015, , .		0
435	Segmentation performance in tracking deformable objects via WNNs. , 2015, , .		10

#	Article	IF	CITATIONS
436	Robust Model-Free Multi-Object Tracking with Online Kernelized Structural Learning. IEEE Signal Processing Letters, 2015, 22, 2401-2405.	3.6	8
437	Patch-Based Visual Tracking with Two-Stage Multiple Kernel Learning. Lecture Notes in Computer Science, 2015, , 20-33.	1.3	4
438	Encoding Color Information for Visual Tracking: Algorithms and Benchmark. IEEE Transactions on Image Processing, 2015, 24, 5630-5644.	9.8	583
439	Object tracking using structure-aware binary features. , 2015, , .		0
440	Single Object Tracking With Fuzzy Least Squares Support Vector Machine. IEEE Transactions on Image Processing, 2015, 24, 5723-5738.	9.8	45
441	Part-Based Tracking via Salient Collaborating Features. , 2015, , .		3
442	Multiple-Instance Hidden Markov Models With Applications to Landmine Detection. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6766-6775.	6.3	24
443	Modeling robot's world with minimal effort. , 2015, , .		2
444	Discriminative key-component models for interaction detection and recognition. Computer Vision and Image Understanding, 2015, 135, 16-30.	4.7	29
445	MAC-REALM: A Video Content Feature Extraction and Modelling Framework. Computer Journal, 2015, 58, 2135-2171.	2.4	5
446	Motion object tracking based on the low-rank matrix representation. Optical Review, 2015, 22, 786-801.	2.0	4
447	Visual Tracking Based on Convolutional Deep Belief Network. Lecture Notes in Computer Science, 2015, , 103-115.	1.3	2
448	Robust Visual Tracking Based on Improved Perceptual Hashing for Robot Vision. Lecture Notes in Computer Science, 2015, , 331-340.	1.3	5
449	Robust moving object detection using compressed sensing. IET Image Processing, 2015, 9, 811-819.	2.5	10
450	Robust Visual Tracking via Sparsity-Induced Subspace Learning. IEEE Transactions on Image Processing, 2015, 24, 4686-4700.	9.8	33
451	Online shared dictionary learning for visual tracking. , 2015, , .		0
452	Visual tracking based on group sparsity learning. Machine Vision and Applications, 2015, 26, 127-139.	2.7	16
453	Learning to Track Multiple Targets. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1060-1073.	11.3	33

#	Article	IF	CITATIONS
454	Robust object tracking via multi-feature adaptive fusion based on stability: contrast analysis. Visual Computer, 2015, 31, 1319-1337.	3.5	20
455	Online learning 3D context for robust visual tracking. Neurocomputing, 2015, 151, 710-718.	5.9	9
456	Novelty detection in human tracking based on spatiotemporal oriented energies. Pattern Recognition, 2015, 48, 812-826.	8.1	6
457	Novel automatic eye detection and tracking algorithm. Optics and Lasers in Engineering, 2015, 67, 49-56.	3.8	16
458	Pairwise-similarity-based instance reduction for efficient instance selection in multiple-instance learning. International Journal of Machine Learning and Cybernetics, 2015, 6, 83-93.	3.6	2
459	Visual tracking using IPCA and sparse representation. Signal, Image and Video Processing, 2015, 9, 913-921.	2.7	11
460	Robust object tracking via online Principal Component–Canonical Correlation Analysis (P3CA). Signal, Image and Video Processing, 2015, 9, 159-174.	2.7	4
461	Correlation, Kalman filter and adaptive fast mean shift based heuristic approach for robust visual tracking. Signal, Image and Video Processing, 2015, 9, 1567-1585.	2.7	19
462	Robust visual tracking based on structured sparse representation model. Multimedia Tools and Applications, 2015, 74, 1021-1043.	3.9	7
463	Robust tracking via online Max-Margin structural learning with approximate sparse intersection kernel. Neurocomputing, 2015, 157, 344-355.	5.9	1
464	Multiple-Instance Hidden Markov Model for GPR-Based Landmine Detection. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1737-1745.	6.3	35
465	3D object tracking via image sets and depth-based occlusion detection. Signal Processing, 2015, 112, 146-153.	3.7	26
466	Robust depth-based object tracking from a moving binocular camera. Signal Processing, 2015, 112, 154-161.	3.7	24
467	Differential tracking with a kernel-based region covariance descriptor. Pattern Analysis and Applications, 2015, 18, 45-59.	4.6	4
468	Object tracking based on an online learning network with total error rate minimization. Pattern Recognition, 2015, 48, 126-139.	8.1	20
469	Single and Multiple Object Tracking Using a Multi-Feature Joint Sparse Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 816-833.	13.9	87
470	Speeded Up Low-Rank Online Metric Learning for Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 922-934.	8.3	23
471	Real-time multi-scale tracking based on compressive sensing. Visual Computer, 2015, 31, 471-484.	3.5	30

#	Article	IF	CITATIONS
472	A computationally efficient tracker with direct appearance-kinematic measure and adaptive Kalman filter. Journal of Real-Time Image Processing, 2016, 11, 271-285.	3.5	5
473	Real-Time Tracking Framework with Adaptive Features and Constrained Labels. Sensors, 2016, 16, 1449.	3.8	3
474	Convolutional Deep Belief Networks for Single-Cell/Object Tracking in Computational Biology and Computer Vision. BioMed Research International, 2016, 2016, 1-14.	1.9	3
475	Robust Individual-Cell/Object Tracking via PCANet Deep Network in Biomedicine and Computer Vision. BioMed Research International, 2016, 2016, 1-15.	1.9	4
476	Visual Tracking Based on an Improved Online Multiple Instance Learning Algorithm. Computational Intelligence and Neuroscience, 2016, 2016, 1-9.	1.7	3
477	Visual Tracking by Integrating Fast Ensemble Proposal and Sparse Verification. , 2016, , .		0
478	Jointly Feature Learning and Selection for Robust Tracking via a Gating Mechanism. PLoS ONE, $2016,11,2016$	2.5	6
479	Time Varying Metric Learning for visual tracking. Pattern Recognition Letters, 2016, 80, 157-164.	4.2	6
480	Combined discriminative global and generative local models for visual tracking. Journal of Electronic Imaging, 2016, 25, 023005.	0.9	7
481	Group Structure Preserving Pedestrian Tracking in a Multi-Camera Video Network. IEEE Transactions on Circuits and Systems for Video Technology, 2016, , 1-1.	8.3	4
482	Adaptive Appearance Modeling with Point-to-Set Metric Learning for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2016, , 1-1.	8.3	17
483	What Players do with the Ball: A Physically Constrained Interaction Modeling. , 2016, , .		56
484	Visual tracking algorithm by particle filter and EM based on multi-cues. , 2016, , .		0
485	Multi-Bernoulli filtering for keypoint-based visual tracking. , 2016, , .		0
486	Online RGB-D tracking via detection-learning-segmentation. , 2016, , .		3
487	Robust volleyball tracking system using multi-view cameras. , 2016, , .		18
488	Visual tracking based on object appearance and structure preserved local patches matching. , 2016, , .		0
489	Spatio-temporal analysis for moving object detection under complex environment. , 2016, , .		5

#	Article	IF	CITATIONS
490	Tracking with the support of couplers and historical models. , 2016, , .		0
491	Visual Tracking Using Attention-Modulated Disintegration and Integration. , 2016, , .		143
492	Robust object tracking via sparse representation based on compressive collaborative Haar-like feature space. , $2016, , .$		1
493	Convex hull for visual tracking with EMD. , 2016, , .		0
494	Visual tracking via random partition image hashing. , 2016, , .		0
495	Learning kinematic model of targets in videos from fixed cameras. , 2016, , .		1
496	Compressive Tracking based on Superpixel Segmentation. , 2016, , .		0
497	Real time Object Tracking based on Local Texture Feature with Correlation Filter. , 2016, , .		2
498	Visual tracking via local patches and contextual information. , 2016, , .		0
499	Correcting the tracker with memories. , 2016, , .		0
500	A robust visual tracking method with restricted Boltzmann machine based classifier. Proceedings of SPIE, $2016, $, .	0.8	0
501	Variable scale and anti-occlusion object tracking method with multiple feature integration. , 2016, , .		0
502	Prototypes based discriminative appearance model for object tracking., 2016,,.		3
503	Robust visual tracking via an online multiple instance learning algorithm based on SIFT features. , 2016, , .		1
504	Object Tracking via Dual Linear Structured SVM and Explicit Feature Map. , 2016, , .		179
505	Robust object tracking with a hierarchical ensemble framework. , 2016, , .		2
506	Persistent Aerial Tracking system for UAVs., 2016,,.		45
507	Recoverable recommended keypoint-aware visual tracking using coupled-layer appearance modelling. , 2016, , .		2

#	Article	IF	CITATIONS
508	Staple: Complementary Learners for Real-Time Tracking. , 2016, , .		1,201
509	Semi-Supervised Multiple Instance Learning and its application in visual tracking. , 2016, , .		1
510	On-line video object segmentation using illumination-invariant color-texture feature extraction and marker prediction. Journal of Visual Communication and Image Representation, 2016, 41, 391-405.	2.8	11
511	Robust Visual Tracking with Deep Convolutional Neural Network Based Object Proposals on PETS. , 2016, , .		31
512	Long-term cooperative tracking using multiple unmanned aerial vehicles. , 2016, , .		1
513	Fitting for smoothing: A methodology for continuous-time target track estimation. , 2016, , .		8
514	Fast Generative Approach Based on Sparse Representation for Visual Tracking. , 2016, , .		3
515	Sketch metric learning., 2016,,.		0
516	Online hash tracking., 2016,,.		0
517	Evaluation of a laying-hen tracking algorithm based on a hybrid support vector machine. Journal of Animal Science and Biotechnology, 2016, 7, 60.	5.3	16
518	Neural approach for object tracking in complex environment. , 2016, , .		1
519	A novel bagged particle filter for object tracking. , 2016, , .		0
520	A visual object tracking algorithm based on the game of features. , 2016, , .		0
521	Combining sparse appearance and Bayesian inference models for object tracking. , 2016, , .		0
522	Score thresholding for accurate instance classification in multiple instance learning. , 2016, , .		0
523	Online discriminative tracking with optimal feature selection. , 2016, , .		0
524	Online visual tracking via correlation filter with convolutional networks. , 2016, , .		2
525	STCT: Sequentially Training Convolutional Networks for Visual Tracking. , 2016, , .		184

#	Article	IF	CITATIONS
526	Learning Multi-domain Convolutional Neural Networks for Visual Tracking. , 2016, , .		1,684
527	Beyond Local Search: Tracking Objects Everywhere with Instance-Specific Proposals., 2016,,.		161
528	Biometric recognition in surveillance scenarios: a survey. Artificial Intelligence Review, 2016, 46, 515-541.	15.7	45
529	Real-time tracking of deformable objects based on combined matching-and-tracking. Journal of Electronic Imaging, 2016, 25, 023011.	0.9	4
530	Persistent people tracking and face capture using a PTZ camera. Machine Vision and Applications, 2016, 27, 397-413.	2.7	9
531	Adaptive Objectness for Object Tracking. IEEE Signal Processing Letters, 2016, 23, 949-953.	3.6	25
532	Online Deformable Object Tracking Based on Structure-Aware Hyper-Graph. IEEE Transactions on Image Processing, 2016, 25, 3572-3584.	9.8	44
533	Object Tracking With Spatial Context Model. IEEE Signal Processing Letters, 2016, 23, 727-731.	3.6	3
534	Bounding Multiple Gaussians Uncertainty with Application to Object Tracking. International Journal of Computer Vision, 2016, 118, 364-379.	15.6	65
535	Exploiting Spatial Structure from Parts for Adaptive Kernelized Correlation Filter Tracker. IEEE Signal Processing Letters, 2016, 23, 658-662.	3.6	20
536	Adaptive structured sub-blocks tracking. Neurocomputing, 2016, 204, 97-105.	5.9	1
537	Robust multiple-instance learning ensembles using random subspace instance selection. Pattern Recognition, 2016, 58, 83-99.	8.1	44
538	Discriminative local collaborative representation for online object tracking. Knowledge-Based Systems, 2016, 100, 13-24.	7.1	16
539	Interactive multiple object learning with scanty human supervision. Computer Vision and Image Understanding, 2016, 149, 51-64.	4.7	8
540	Spatially constrained level-set tracking and segmentation of non-rigid objects. Journal of Visual Communication and Image Representation, 2016, 38, 745-752.	2.8	1
541	Online Classification via Self-Organizing Space Partitioning. IEEE Transactions on Signal Processing, 2016, 64, 3895-3908.	5.3	11
542	Visual tracking via multi-task non-negative matrix factorization. , 2016, , .		2
543	Parallel search strategy in kernel feature space to track FLIR target. Neurocomputing, 2016, 214, 671-683.	5.9	2

#	Article	IF	Citations
544	Robust object tracking via diverse templates. , 2016, , .		1
545	Tracking Completion. Lecture Notes in Computer Science, 2016, , 194-209.	1.3	10
546	Random walks colour histogram modification for human tracking. IET Computer Vision, 2016, 10, 842-851.	2.0	3
547	How does human interest modeling help in computer vision: Tracking-by-saliency in unconstrained social videos., 2016,,.		1
548	Learning Collaborative Sparse Representation for Grayscale-Thermal Tracking. IEEE Transactions on Image Processing, 2016, 25, 5743-5756.	9.8	203
549	Compact Data Association in Multiple Object Tracking: Pedestrian Tracking on Mobile Vehicle as Case Study. IFAC-PapersOnLine, 2016, 49, 175-180.	0.9	4
550	Weakly supervised object localization and segmentation in videos. Image and Vision Computing, 2016, 56, 1-12.	4.5	11
552	Robust lifelong visual tracking using compact binary feature with color attributes. Neurocomputing, 2016, 213, 172-182.	5.9	2
553	Integration of colour and uniform interlaced derivative patterns for object tracking. IET Image Processing, 2016, 10, 381-390.	2.5	9
554	Tracking with dynamic weighted compressive model. Journal of Visual Communication and Image Representation, 2016, 39, 253-265.	2.8	2
555	Object tracking with double-dictionary appearance model. Optical Engineering, 2016, 55, 083106.	1.0	8
556	A comparison study on real-time tracking motorcycle license plates. , 2016, , .		4
557	Fast compressive tracking with improved classifiers. , 2016, , .		3
558	Object-tracking based on particle filter using particle swarm optimization with density estimation. , 2016, , .		9
559	Recommended keypoint-aware tracker: Adaptive real-time visual tracking using consensus feature prior ranking. , $2016, , .$		2
560	Multi human tracking using graph based segmentation and Daubechies Complex Wavelet transform. , 2016, , .		1
561	When Correlation Filters Meet Convolutional Neural Networks for Visual Tracking. IEEE Signal Processing Letters, 2016, 23, 1454-1458.	3.6	48
562	2D Recurrent Neural Networks for Robust Visual Tracking of Non-Rigid Bodies. Communications in Computer and Information Science, 2016, , 18-34.	0.5	4

#	Article	IF	CITATIONS
563	CDT: Cooperative Detection and Tracking for Tracing Multiple Objects in Video Sequences. Lecture Notes in Computer Science, 2016, , 851-867.	1.3	23
564	Middleware Support for Self-aware Computing Systems. Natural Computing Series, 2016, , 215-238.	2.2	1
565	Reference Architecture for Self-aware and Self-expressive Computing Systems. Natural Computing Series, 2016, , 37-49.	2.2	6
566	A multi-view model for visual tracking via correlation filters. Knowledge-Based Systems, 2016, 113, 88-99.	7.1	115
567	Robust visual tracking via inverse nonnegative matrix factorization. , 2016, , .		4
568	Visual tracking via robust multi-task multi-feature joint sparse representation. , 2016, , .		1
569	Robust visual tracking via adaptive kernelized correlation filter. Proceedings of SPIE, 2016, , .	0.8	2
570	Nonnegative coding based ensemble tracking. Journal of Visual Communication and Image Representation, 2016, 41, 166-175.	2.8	0
571	A Benchmark and Simulator for UAV Tracking. Lecture Notes in Computer Science, 2016, , 445-461.	1.3	808
572	Vehicle Tracking Incorporating Low-Rank Sparse into Particle Filter in Haze Scene. , 2016, , .		3
573	Online multi-person tracking using Integral Channel Features. , 2016, , .		65
574	Instance significance guided multiple instance boosting for robust visual tracking. , 2016, , .		3
575	A novel object tracking algorithm based on enhanced perception hash and online template matching. , 2016, , .		2
576	Robust object tracking based on timed motion history image with multi-feature adaptive fusion. , 2016, , \cdot		0
577	Localization-based visual tracking with convolutional neural networks. , 2016, , .		0
578	Improved kernel correlation filter tracking with Gaussian scale space. , 2016, , .		0
579	The Visual Object Tracking VOT2016 Challenge Results. Lecture Notes in Computer Science, 2016, , 777-823.	1.3	312
580	Fast Visual Object Tracking Using Convolutional Filters. Lecture Notes in Computer Science, 2016, , 652-662.	1.3	O

#	Article	IF	CITATIONS
581	Learning Framework for Robust Obstacle Detection, Recognition, and Tracking. IEEE Transactions on Intelligent Transportation Systems, 2016, , 1-14.	8.0	32
582	A universal update-pacing framework for visual tracking. , 2016, , .		4
583	Part-based multi-graph ranking for visual tracking. , 2016, , .		5
584	MAD for visual tracker fusion. , 2016, , .		7
585	Object Tracking with Embedded Deformable Parts in Dynamic Conditional Random Fields. IEICE Transactions on Information and Systems, 2016, E99.D, 1268-1271.	0.7	0
586	Scale adaptive compressive tracking. SpringerPlus, 2016, 5, 849.	1.2	1
587	Multi-Cue Adaptive Correlation Filters for Visual Tracking. , 2016, , .		3
588	Spatio-temporal weighted histogram based mean shift for illumination robust target tracking. , 2016, , .		0
589	Sparse Affine Hull for Visual Tracking. , 2016, , .		0
590	Compressive tracking with incremental multivariate Gaussian distribution. Journal of Electronic Imaging, 2016, 25, 053015.	0.9	0
591	Robust Scale Adaptive and Real-Time Visual Tracking with Correlation Filters. IEICE Transactions on Information and Systems, 2016, E99.D, 1895-1902.	0.7	2
592	Robust tracking by selecting object-related candidates with deep features. , 2016, , .		0
593	STD: A Stereo Tracking Dataset for evaluating binocular tracking algorithms. , 2016, , .		1
594	Scale-adaptive compressive tracking with feature integration. Journal of Electronic Imaging, 2016, 25, 033018.	0.9	4
595	Compressive tracking based on HOG and extended Haar-like feature. , 2016, , .		5
596	Efficient tracking with distinctive target colors and silhouette. , 2016, , .		1
597	Hierarchical Hough forests for view-independent action recognition. , 2016, , .		3
598	Occlusion-Aware Fragment-Based Tracking With Spatial-Temporal Consistency. IEEE Transactions on Image Processing, 2016, 25, 3814-3825.	9.8	31

#	Article	IF	CITATIONS
599	Research of multiple-instance learning for target recognition and tracking. Eurasip Journal on Embedded Systems, $2016, 2016, .$	1.2	3
600	Distributed dynamic target tracking method by block diagonalization of topological matrix. Journal of Supercomputing, 2016, 72, 2502-2519.	3.6	1
601	Geometric affine transformation estimation via correlation filter for visual tracking. Neurocomputing, 2016, 214, 109-120.	5.9	8
602	Accurate object tracking system by integrating texture and depth cues. Journal of Electronic Imaging, 2016, 25, 023003.	0.9	2
603	Improving retail efficiency through sensing technologies: A survey. Pattern Recognition Letters, 2016, 81, 3-10.	4.2	19
604	Efficient compressive sensing tracking via mixed classifier decision. Science China Information Sciences, 2016, 59, 1.	4.3	8
605	Combined 2D and 3D tracking of surgical instruments for minimally invasive and robotic-assisted surgery. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1109-1119.	2.8	44
606	Can we still avoid automatic face detection?., 2016,,.		30
607	Robust visual tracking using template anchors. , 2016, , .		18
608	Robust visual tracking with contiguous occlusion constraint. Optical Review, 2016, 23, 40-52.	2.0	3
608	Robust visual tracking with contiguous occlusion constraint. Optical Review, 2016, 23, 40-52. Visible and infrared tracking based on multi-view multi-kernel fusion model. Optical Review, 2016, 23, 244-253.	2.0	3
	Visible and infrared tracking based on multi-view multi-kernel fusion model. Optical Review, 2016, 23,		3 7 0
609	Visible and infrared tracking based on multi-view multi-kernel fusion model. Optical Review, 2016, 23, 244-253. Higher order partial least squares for object tracking: A 4D-tracking method. Neurocomputing, 2016,	2.0	7
609	Visible and infrared tracking based on multi-view multi-kernel fusion model. Optical Review, 2016, 23, 244-253. Higher order partial least squares for object tracking: A 4D-tracking method. Neurocomputing, 2016, 215, 118-127. Multi-level visual tracking with hierarchical tree structural constraint. Neurocomputing, 2016, 202,	2.0	7
609 610 611	Visible and infrared tracking based on multi-view multi-kernel fusion model. Optical Review, 2016, 23, 244-253. Higher order partial least squares for object tracking: A 4D-tracking method. Neurocomputing, 2016, 215, 118-127. Multi-level visual tracking with hierarchical tree structural constraint. Neurocomputing, 2016, 202, 1-11.	2.0	7 0 3
609 610 611	Visible and infrared tracking based on multi-view multi-kernel fusion model. Optical Review, 2016, 23, 244-253. Higher order partial least squares for object tracking: A 4D-tracking method. Neurocomputing, 2016, 215, 118-127. Multi-level visual tracking with hierarchical tree structural constraint. Neurocomputing, 2016, 202, 1-11. Real-time multi-candidates fusion based head tracking on Kinect depth sequence., 2016,,	2.0	7 0 3
609 610 611 612	Visible and infrared tracking based on multi-view multi-kernel fusion model. Optical Review, 2016, 23, 244-253. Higher order partial least squares for object tracking: A 4D-tracking method. Neurocomputing, 2016, 215, 118-127. Multi-level visual tracking with hierarchical tree structural constraint. Neurocomputing, 2016, 202, 1-11. Real-time multi-candidates fusion based head tracking on Kinect depth sequence., 2016,, Tracking Using Superpixel Features., 2016,,	2.0 5.9 5.9	7 0 3 0

#	Article	IF	CITATIONS
617	Differential trajectory tracking with automatic learning of background reconstruction. Multimedia Tools and Applications, 2016, 75, 13001-13013.	3.9	6
618	A fusion method for robust face tracking. Multimedia Tools and Applications, 2016, 75, 11801-11813.	3.9	5
619	DeepTrack: Learning Discriminative Feature Representations Online for Robust Visual Tracking. IEEE Transactions on Image Processing, 2016, 25, 1834-1848.	9.8	198
620	Object tracking based on two-dimensional PCA. Optical Review, 2016, 23, 231-243.	2.0	5
621	Robust Visual Detection–Learning–Tracking Framework for Autonomous Aerial Refueling of UAVs. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 510-521.	4.7	63
622	Struck: Structured Output Tracking with Kernels. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2096-2109.	13.9	836
623	Online tracking and retargeting with applications to optical biopsy in gastrointestinal endoscopic examinations. Medical Image Analysis, 2016, 30, 144-157.	11.6	39
624	An Efficient Tracking System by Orthogonalized Templates. IEEE Transactions on Industrial Electronics, 2016, 63, 3187-3197.	7.9	15
625	Two dimensional ensemble hashing for visual tracking. Neurocomputing, 2016, 171, 1387-1400.	5.9	3
626	Multiple instance subspace learning via partial random projection tree for local reflection symmetry in natural images. Pattern Recognition, 2016, 52, 306-316.	8.1	43
627	Adaptive pedestrian tracking via patch-based features and spatial–temporal similarity measurement. Pattern Recognition, 2016, 53, 163-173.	8.1	20
628	Regional deep learning model for visual tracking. Neurocomputing, 2016, 175, 310-323.	5.9	58
629	Texture-Independent Long-Term Tracking Using Virtual Corners. IEEE Transactions on Image Processing, 2016, 25, 359-371.	9.8	17
630	A Novel Performance Evaluation Methodology for Single-Target Trackers. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2137-2155.	13.9	439
631	Online Discriminative Tracking With Active Example Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1279-1292.	8.3	5
632	Network in network based weakly supervised learning for visual tracking. Journal of Visual Communication and Image Representation, 2016, 37, 3-13.	2.8	5
633	Robust Tracking via Locally Structured Representation. International Journal of Computer Vision, 2016, 119, 110-144.	15.6	14
634	Computer-Aided Endoscopic Diagnosis Without Human-Specific Labeling. IEEE Transactions on Biomedical Engineering, 2016, 63, 2347-2358.	4.2	21

#	Article	IF	CITATIONS
635	Temporal Restricted Visual Tracking Via Reverse-Low-Rank Sparse Learning. IEEE Transactions on Cybernetics, 2016, 47, 1-14.	9.5	23
636	Experimenting WNN support in object tracking systems. Neurocomputing, 2016, 183, 79-89.	5.9	7
637	Visual Object Tracking Performance Measures Revisited. IEEE Transactions on Image Processing, 2016, 25, 1261-1274.	9.8	136
638	Measuring human-induced vibrations of civil engineering structures via vision-based motion tracking. Measurement: Journal of the International Measurement Confederation, 2016, 83, 44-56.	5.0	17
639	Similarity Fusion for Visual Tracking. International Journal of Computer Vision, 2016, 118, 337-363.	15.6	74
640	Fuzzy rough classifiers for class imbalanced multi-instance data. Pattern Recognition, 2016, 53, 36-45.	8.1	51
641	A compressive tracking based on time-space Kalman fusion model. Science China Information Sciences, 2016, 59, 1-15.	4.3	12
642	Efficient and Robust Learning for Sustainable and Reacquisition-Enabled Hand Tracking. IEEE Transactions on Cybernetics, 2016, 46, 945-958.	9.5	12
643	A Nearest Neighbor Classifier Employing Critical Boundary Vectors for Efficient On-Chip Template Reduction. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1094-1107.	11.3	11
644	Kernel joint visual tracking and recognition based on structured sparse representation. Neurocomputing, 2016, 193, 181-192.	5.9	5
645	Robust Visual Tracking via Convolutional Networks without Training. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	269
646	Fast deformable structure regression tracking. IET Computer Vision, 2016, 10, 115-123.	2.0	1
647	A robust deep belief network-based approach for recognizing dynamic hand gestures. , 2016, , .		2
648	Object tracking based on bit-planes. Journal of Electronic Imaging, 2016, 25, 013032.	0.9	4
649	Robust object tracking by online Fisher discrimination boosting feature selection. Computer Vision and Image Understanding, 2016, 153, 100-108.	4.7	31
650	Extended compressed tracking via random projection based on MSERs and online LS-SVM learning. Pattern Recognition, 2016, 59, 245-254.	8.1	26
651	Discriminative descriptors for object tracking. Journal of Visual Communication and Image Representation, 2016, 35, 146-154.	2.8	8
652	Target tracking with dynamically adaptive correlation. Optics Communications, 2016, 365, 140-149.	2.1	20

#	Article	IF	CITATIONS
653	Extended fast compressive tracking with weighted multi-frame template matching for fast motion tracking. Pattern Recognition Letters, 2016, 69, 82-87.	4.2	13
654	Real-Time Grayscale-Thermal Tracking via Laplacian Sparse Representation. Lecture Notes in Computer Science, 2016, , 54-65.	1.3	23
655	Visual object tracking—classical and contemporary approaches. Frontiers of Computer Science, 2016, 10, 167-188.	2.4	39
656	Interacting Multiview Tracker. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 903-917.	13.9	27
657	A survey of datasets for visual tracking. Machine Vision and Applications, 2016, 27, 23-52.	2.7	20
658	One-pass online learning: A local approach. Pattern Recognition, 2016, 51, 346-357.	8.1	17
659	Multi-feature Hashing Tracking. Pattern Recognition Letters, 2016, 69, 62-71.	4.2	15
661	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
662	Robust visual tracking via bag of superpixels. Multimedia Tools and Applications, 2016, 75, 8781-8798.	3.9	5
663	CNNTracker: Online discriminative object tracking via deep convolutional neural network. Applied Soft Computing Journal, 2016, 38, 1088-1098.	7.2	85
664	A Real-Time Active Pedestrian Tracking System Inspired by the Human Visual System. Cognitive Computation, 2016, 8, 39-51.	5.2	9
665	Total Variation Regularized RPCA for Irregularly Moving Object Detection Under Dynamic Background. IEEE Transactions on Cybernetics, 2016, 46, 1014-1027.	9.5	141
666	Severely Blurred Object Tracking by Learning Deep Image Representations. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 319-331.	8.3	26
667	Efficient silhouette-based contour tracking using local information. Soft Computing, 2016, 20, 785-805.	3.6	9
668	Robust visual tracking via online semi-supervised co-boosting. Multimedia Systems, 2016, 22, 297-313.	4.7	10
669	Robust tracking with adaptive appearance learning and occlusion detection. Multimedia Systems, 2016, 22, 255-269.	4.7	2
670	NUS-PRO: A New Visual Tracking Challenge. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 335-349.	13.9	129
671	Robust object tracking based on sparse representation and incremental weighted PCA. Multimedia Tools and Applications, 2017, 76, 2039-2057.	3.9	5

#	Article	IF	CITATIONS
672	Discriminative Reverse Sparse Tracking via Weighted Multitask Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1031-1042.	8.3	16
673	Locality-Constrained Collaborative Model for Robust Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 313-325.	8.3	17
674	Consistency-Constrained Nonnegative Coding for Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 880-891.	8.3	1
675	Robust Visual Tracking With Multitask Joint Dictionary Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1018-1030.	8.3	26
676	Graph-Regularized Structured Support Vector Machine for Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1249-1262.	8.3	22
677	Object tracking by color distribution fields with adaptive hierarchical structure. Visual Computer, 2017, 33, 235-247.	3.5	6
678	High-Speed Target Tracking System Based on a Hierarchical Parallel Vision Processor and Gray-Level LBP Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 950-964.	9.3	26
679	Part-Based Robust Tracking Using Online Latent Structured Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1235-1248.	8.3	16
680	Semi-Supervised Tensor-Based Graph Embedding Learning and Its Application to Visual Discriminant Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 172-188.	13.9	35
681	Object tracking using combination of daubechies complex wavelet transform and Zernike moment. Multimedia Tools and Applications, 2017, 76, 1247-1290.	3.9	19
682	Adaptive Local Movement Modeling for Robust Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1515-1526.	8.3	34
683	A review of visual moving target tracking. Multimedia Tools and Applications, 2017, 76, 16989-17018.	3.9	101
684	Robust mean shift tracking based on refined appearance model and online update. Multimedia Tools and Applications, 2017, 76, 10973-10990.	3.9	6
685	Structural sparse representation-based semi-supervised learning and edge detection proposal for visual tracking. Visual Computer, 2017, 33, 1169-1184.	3.5	12
686	Object Tracking and Recognition Based on Reliability Assessment of Learning in Mobile Environments. Wireless Personal Communications, 2017, 94, 267-282.	2.7	3
687	Online adaptive multiple pedestrian tracking in monocular surveillance video. Neural Computing and Applications, 2017, 28, 127-141.	5.6	5
688	Search Tracker: Human-Derived Object Tracking in the Wild Through Large-Scale Search and Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1803-1814.	8.3	4
689	Robust Object Tracking via Locality Sensitive Histograms. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1006-1017.	8.3	17

#	Article	IF	CITATIONS
690	Highly non-rigid video object tracking using segment-based object candidates. Multimedia Tools and Applications, 2017, 76, 9565-9586.	3.9	3
691	Robust object tracking via multi-scale patch based sparse coding histogram. Multimedia Tools and Applications, 2017, 76, 12181-12203.	3.9	6
692	Multi-Timescale Collaborative Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 141-155.	13.9	7
693	Automatic Extraction of Central Tendon of Rectus Femoris (CT-RF) in Ultrasound Images Using a New Intensity-Compensated Free-Form Deformation-Based Tracking Algorithm With Local Shape Refinement. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1058-1068.	6.3	3
694	MIL based visual object tracking with kernel and scale adaptation. Signal Processing: Image Communication, 2017, 53, 51-64.	3.2	9
695	Robust Struck tracker via color Haar-like feature and selective updating. Signal, Image and Video Processing, 2017, 11, 1073-1080.	2.7	6
696	Grayscale-Thermal Object Tracking via Multitask Laplacian Sparse Representation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 673-681.	9.3	64
697	Online structured sparse learning with labeled information for robust object tracking. Journal of Electronic Imaging, 2017, 26, 013007.	0.9	4
698	Online object tracking via bag-of-local-patches. , 2017, , .		0
699	Video Processing From Electro-Optical Sensors for Object Detection and Tracking in a Maritime Environment: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1993-2016.	8.0	246
700	Robust object tracking based on adaptive templates matching via the fusion of multiple features. Journal of Visual Communication and Image Representation, 2017, 44, 1-20.	2.8	36
701	Robust Visual Tracking Based on Multi-channel Compressive Features. Lecture Notes in Computer Science, 2017, , 341-352.	1.3	1
702	A Structural Coupled-Layer Tracking Method Based on Correlation Filters. Lecture Notes in Computer Science, 2017, , 65-76.	1.3	1
703	Accurate mask-based spatially regularized correlation filter for visual tracking. Journal of Electronic Imaging, 2017, 26, 013002.	0.9	3
704	Compressive perceptual hashing tracking. Neurocomputing, 2017, 239, 69-80.	5.9	4
705	Chaotic target representation for robust object tracking. Signal Processing: Image Communication, 2017, 54, 23-35.	3.2	10
706	Dual Deep Network for Visual Tracking. IEEE Transactions on Image Processing, 2017, 26, 2005-2015.	9.8	98
707	Consistent multi-layer subtask tracker via hyper-graph regularization. Pattern Recognition, 2017, 67, 299-312.	8.1	3

#	Article	IF	CITATIONS
708	Exploiting superpixel and hybrid hash for kernel-based visual tracking. Pattern Recognition, 2017, 68, 175-190.	8.1	9
709	TMAGIC: A Model-Free 3D Tracker. IEEE Transactions on Image Processing, 2017, 26, 4378-4388.	9.8	2
710	A novel approach of multi-stage tracking for precise localization of target in video sequences. Expert Systems With Applications, 2017, 78, 208-224.	7.6	9
711	Ensemble learning for data stream analysis: A survey. Information Fusion, 2017, 37, 132-156.	19.1	724
712	Visual object tracking via enhanced structural correlation filter. Information Sciences, 2017, 394-395, 232-245.	6.9	22
713	Fast Pixelwise Adaptive Visual Tracking of Non-Rigid Objects. IEEE Transactions on Image Processing, 2017, 26, 2368-2380.	9.8	11
714	Effective visual tracking by pairwise metric learning. Neurocomputing, 2017, 261, 266-275.	5.9	6
715	Robust visual tracking via co-trained Kernelized correlation filters. Pattern Recognition, 2017, 69, 82-93.	8.1	84
716	Visual tracking utilizing robust complementary learner and adaptive refiner. Neurocomputing, 2017, 260, 367-377.	5.9	5
717	Adaptive learning compressive tracking based on Markov location prediction. Journal of Electronic Imaging, 2017, 26, 023026.	0.9	1
718	A maximum partial entropy-based method for multiple-instance concept learning. Applied Intelligence, 2017, 46, 865-875.	5.3	3
719	Dynamic multi-level appearance models and adaptive clustered decision trees for single target tracking. Pattern Recognition, 2017, 69, 169-183.	8.1	8
720	Discriminative Bag-of-Words-Based Adaptive Appearance Model for Robust Visual Tracking. IEEE Signal Processing Letters, 2017, 24, 907-911.	3.6	3
721	Geometric Hypergraph Learning for Visual Tracking. IEEE Transactions on Cybernetics, 2017, 47, 4182-4195.	9.5	34
722	Occlusion-Aware Real-Time Object Tracking. IEEE Transactions on Multimedia, 2017, 19, 763-771.	7.2	195
723	Object tracking via a cooperative appearance model. Knowledge-Based Systems, 2017, 129, 61-78.	7.1	7
724	Locator-Checker-Scaler Object Tracking Using Spatially Ordered and Weighted Patch Descriptor. IEEE Transactions on Image Processing, 2017, 26, 3817-3830.	9.8	3
725	Wireless vision-based fuzzy controllers for moving object tracking using a quadcopter. International Journal of Distributed Sensor Networks, 2017, 13, 155014771770554.	2.2	9

#	Article	IF	CITATIONS
726	A Survey on Compressed Sensing in Vehicular Infotainment Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 2662-2680.	39.4	71
727	Visual Tracking via Nonnegative Multiple Coding. IEEE Transactions on Multimedia, 2017, 19, 2680-2691.	7.2	16
728	Log-polar mapping-based scale space tracking with adaptive target response. Journal of Electronic Imaging, 2017, 26, 033003.	0.9	2
729	A novel object tracking algorithm by fusing color and depth information based on single valued neutrosophic cross-entropy. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1775-1786.	1.4	64
730	Multiple Moving Object Detection From UAV Videos Using Trajectories of Matched Regional Adjacency Graphs. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5198-5213.	6.3	44
731	Remember like humans. International Journal of Advanced Robotic Systems, 2017, 14, 172988141769231.	2.1	3
732	Spiral visual and motional tracking. Neurocomputing, 2017, 249, 117-127.	5.9	1
733	Online hash tracking with spatio-temporal saliency auxiliary. Computer Vision and Image Understanding, 2017, 160, 57-72.	4.7	20
734	Robust visual tracking using information theoretical learning. Annals of Mathematics and Artificial Intelligence, 2017, 80, 113-129.	1.3	0
736	Robust Object Tracking With Discrete Graph-Based Multiple Experts. IEEE Transactions on Image Processing, 2017, 26, 2736-2750.	9.8	24
737	Multiscale spatially regularised correlation filters for visual tracking. IET Computer Vision, 2017, 11, 220-225.	2.0	10
738	Robust object tracking via multi-cue fusion. Signal Processing, 2017, 139, 86-95.	3.7	23
739	Visual object tracking with online weighted chaotic multiple instance learning. Neurocomputing, 2017, 247, 16-30.	5.9	19
740	Long-term visual tracking based on correlation filters. AIP Conference Proceedings, 2017, , .	0.4	2
741	Performance of an insect-inspired target tracker in natural conditions. Bioinspiration and Biomimetics, 2017, 12, 025006.	2.9	38
742	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
743	Weakly Supervised Classification of Remotely Sensed Imagery Using Label Constraint and Edge Penalty. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1424-1436.	6.3	22
744	Selective Weakly Supervised Human Detection under Arbitrary Poses. Pattern Recognition, 2017, 65, 223-237.	8.1	5

#	ARTICLE	IF	CITATIONS
745	Automated detection and tracking of slalom paddlers from broadcast image sequences using cascade classifiers and discriminative correlation filters. Computer Vision and Image Understanding, 2017, 159, 116-127.	4.7	3
746	Cell tracking using deep neural networks with multi-task learning. Image and Vision Computing, 2017, 60, 142-153.	4.5	66
747	Output Constraint Transfer for Kernelized Correlation Filter in Tracking. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 693-703.	9.3	70
748	NoScope. Proceedings of the VLDB Endowment, 2017, 10, 1586-1597.	3.8	230
749	Infrared dim moving target tracking via sparsity-based discriminative classifier and convolutional network. Infrared Physics and Technology, 2017, 86, 103-115.	2.9	9
750	DenseTracker: A multi-task dense network for visual tracking. , 2017, , .		5
751	An algorithm of adaptive scale object tracking in occlusion. AIP Conference Proceedings, 2017, , .	0.4	1
752	ReGLe., 2017, , .		14
753	An experimental evaluation of the accuracy of keypoints-based retinal image registration. , 2017, 2017, 377-381.		16
754	Distortion-Aware Correlation Tracking. IEEE Transactions on Image Processing, 2017, 26, 5421-5434.	9.8	8
755	Effects of Improper Ground Truth on Target Tracking Performance Evaluation in Benchmark. , 2017, , .		1
756	A method of low-rank decomposition with feature point detection for moving target tracking. , 2017, , .		0
757	An improved TLD method based on color feature. , 2017, , .		3
758	Long-term tracking based on spatio-temporal context. Journal of Shanghai Jiaotong University (Science), 2017, 22, 504-512.	0.9	1
759	Complex Form of Local Orientation Plane for Visual Object Tracking. IEEE Access, 2017, 5, 21597-21604.	4.2	5
760	A survey of human-centered intelligent robots: issues and challenges. IEEE/CAA Journal of Automatica Sinica, 2017, 4, 602-609.	13.1	236
761	Compressive tracking based on online Hough forest. International Journal of Automation and Computing, 2017, 14, 396-406.	4.5	4
762	Guided filter and convolutional network based tracking for infrared dim moving target. Infrared Physics and Technology, 2017, 85, 431-442.	2.9	21

#	ARTICLE	IF	CITATIONS
763	Robust visual tracking via randomly projected instance learning. International Journal of Intelligent Computing and Cybernetics, 2017, 10, 258-271.	2.7	0
764	Exploring Local Context for Multi-target Tracking in Wide Area Aerial Surveillance. , 2017, , .		14
765	Stabilizing Object Tracking Trajectory on the Basis of Kalman Filter. , 2017, , .		0
766	Object tracking using a convolutional network and a structured output SVM. Computational Visual Media, 2017, 3, 325-335.	17.5	10
767	Tracking–recommendation–detection: A novel online target modeling for visual tracking. Engineering Applications of Artificial Intelligence, 2017, 64, 128-139.	8.1	4
769	Real-time robust human tracking based on Lucas-Kanade optical flow and deep detection for embedded surveillance. , 2017, , .		2
770	An unsupervised learning approach for tracking mice in an enclosed area. BMC Bioinformatics, 2017, 18, 272.	2.6	14
771	Object Tracking via Temporal Consistency Dictionary Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 628-638.	9.3	15
772	Visual Tracking With Convolutional Random Vector Functional Link Network. IEEE Transactions on Cybernetics, 2017, 47, 3243-3253.	9.5	110
773	Visual Object Tracking With Partition Loss Schemes. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 633-642.	8.0	12
774	Visual Tracking via Joint Discriminative Appearance Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 2567-2577.	8.3	12
775	Computer vision for assistive technologies. Computer Vision and Image Understanding, 2017, 154, 1-15.	4.7	163
776	Robust visual tracking based on generative and discriminative model collaboration. Multimedia Tools and Applications, 2017, 76, 15839-15866.	3.9	10
777	Adaptive Compressive Tracking via Online Vector Boosting Feature Selection. IEEE Transactions on Cybernetics, 2017, 47, 4289-4301.	9.5	14
778	LAT: Local area transform for cross modal correspondence matching. Pattern Recognition, 2017, 63, 218-228.	8.1	4
779	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
780	Robust visual tracking based on hierarchical appearance model. Neurocomputing, 2017, 221, 108-122.	5.9	10
781	Real-time visual tracking based on improved perceptual hashing. Multimedia Tools and Applications, 2017, 76, 4617-4634.	3.9	18

#	Article	IF	CITATIONS
782	Real-Time Correlation Filter Tracking by Efficient Dense Belief Propagation With Structure Preserving. IEEE Transactions on Multimedia, 2017, 19, 772-784.	7.2	32
783	Person Following Robot Using Selected Online Ada-Boosting with Stereo Camera. , 2017, , .		28
784	Superpixel-Based Tracking-by-Segmentation Using Markov Chains. , 2017, , .		53
785	Seeing Without Sight — An Automatic Cognition System Dedicated to Blind and Visually Impaired People. , 2017, , .		9
786	The Visual Object Tracking VOT2017 Challenge Results. , 2017, , .		255
787	Multi-Object Model-Free Tracking with Joint Appearance and Motion Inference. , 2017, , .		3
788	Visualization of Stone Trajectories in Live Curling Broadcasts using Online Machine Learning. , 2017, , .		2
789	Center contrastive loss regularized CNN for tracking. , 2017, , .		0
790	On the improvement of foreground–background modelâ€based object tracker. IET Computer Vision, 2017, 11, 488-496.	2.0	14
791	An online tracking method via improved cost-sensitive adaboost. , 2017, , .		3
792	Spatial pyramid context-aware moving vehicle detection and tracking in urban aerial imagery. , 2017, , .		10
793	Action localization in video using a graph-based feature representation. , 2017, , .		1
794	Online Fast Deep Learning Tracker Based on Deep Sparse Neural Networks. Lecture Notes in Computer Science, 2017, , 186-198.	1.3	0
795	A Machine Learning Inspired Approach for Detection, Recognition and Tracking of Moving Objects from Real-Time Video. Lecture Notes in Computer Science, 2017, , 170-178.	1.3	3
796	Fast tracking via spatio-temporal context learning based on multi-color attributes and pca. , 2017, , .		7
797	Large Margin Object Tracking with Circulant Feature Maps. , 2017, , .		430
798	Parallel Tracking and Verifying: A Framework for Real-Time and High Accuracy Visual Tracking. , 2017, , .		249
799	Robust visual tracking based on extreme learning machine with multiple kernels features fusion., 2017,,.		0

#	Article	IF	CITATIONS
800	Compressive object tracking based on weighted multiple instance learning. , 2017, , .		0
801	Robust object tracking based on discriminative analysis and local sparse representation. , 2017, , .		1
802	Context-based occlusion detection for robust visual tracking. , 2017, , .		10
803	Online SVM and backward model validation based visual tracking. , 2017, , .		1
804	A novel object tracker designed based on a complementary framework. , 2017, , .		0
805	Long-term Tracking with Adaptive Correlation Filters for Object Invisibility. , 2017, , .		0
806	Relative object localization using logistic regression. , 2017, , .		0
807	Robust visual tracking via occlusion detection based on staple algorithm., 2017,,.		8
808	Tracking algorithm of improved spatio-temporal context with particle filter. , 2017, , .		0
809	The World of Fast Moving Objects. , 2017, , .		20
810	Discriminative Correlation Filter with Channel and Spatial Reliability., 2017,,.		595
811	Video Segmentation via Multiple Granularity Analysis. , 2017, , .		10
812	Hybrid structure hypergraph for online deformable object tracking., 2017,,.		1
813	Siamese recurrent architecture for visual tracking. , 2017, , .		7
814	Real Time Target Tracking Scale Adaptive Based on LBP Operator and Nonlinear Meanshift., 2017,,.		4
815	Multi-scale behavior learning for multi-object tracking. , 2017, , .		0
816	Online Multi-object Tracking Using CNN-Based Single Object Tracker with Spatial-Temporal Attention Mechanism. , 2017, , .		255
817	Beyond Standard Benchmarks: Parameterizing Performance Evaluation in Visual Object Tracking. , 2017,		13

#	Article	IF	CITATIONS
818	Bootstrapping Labelled Dataset Construction for Cow Tracking and Behavior Analysis., 2017,,.		5
819	A scale adaptive compressed object tracking algorithm. , 2017, , .		0
820	Object tracking based on depth sparse learning. , 2017, , .		0
821	Robust object tracking via multi-task based collaborative model. , 2017, , .		1
822	Context multi-task visual object tracking via guided filter. , 2017, , .		1
823	Correlative mean-field filter for sequential and spatial data processing. , 2017, , .		3
824	Compressive tracking with locality sensitive histograms features. , 2017, , .		2
825	Visual Tracking via the Fusion of Compressive Sensing and Speed Up Robust Feature Information. , 2017, , .		0
826	Adaptive spatio-temporal context learning for visual target tracking. , 2017, , .		2
827	Object tracking with adaptive elastic net regression. , 2017, , .		2
828	Robust Visual Tracking Using Oblique Random Forests., 2017,,.		53
829	Moving object tracking with feature learning and inheriting. , 2017, , .		O
830	Non-negative matrix factorization based illumination robust meanshift tracking. , 2017, , .		1
831	Patchwise object tracking via structural local sparse appearance model. , 2017, , .		2
832	Robust multiple object tracking in RGB-D camera networks. , 2017, , .		6
833	Robust object tracking by interleaving variable rate color particle filtering and deep learning. , 2017, , .		4
834	Action-Decision Networks for Visual Tracking with Deep Reinforcement Learning., 2017, , .		336
835	UCT: Learning Unified Convolutional Networks for Real-Time Visual Tracking. , 2017, , .		49

#	Article	IF	Citations
836	Recurrent Filter Learning for Visual Tracking. , 2017, , .		57
837	Deep tracking with objectness. , 2017, , .		5
838	Locating Crop Plant Centers from UAV-Based RGB Imagery. , 2017, , .		7
839	BranchOut: Regularization for Online Ensemble Tracking with Convolutional Neural Networks. , 2017, , .		105
840	A Lightweight Discriminative Tracker Based on Classification and Similarity. , 2017, , .		0
841	An Iterative Feature-Pair Updating Framework for Rigid Template Matching with Outliers. , 2017, , .		3
842	A new tree target tracking algorithm in WSNs. , 2017, , .		1
843	Hyper-Feature Based Tracking with the Fully-Convolutional Siamese Network. , 2017, , .		4
844	Robust Tracking via Spatio-Temporally Weighted Multiple Instance Learning. , 2017, , .		2
845	An Adaptive KCF Tracking Via Multi-feature Fusion. , 2017, , .		1
846	A Cascade Tracking Algorithm Based on Artificial Beacon and HOG Features. , 2017, , .		0
847	Pixel-Based Color Model for Robust Tracking. , 2017, , .		O
848	Visual tracking via sparse coding and spectral residual. , 2017, , .		0
849	Improving Night Time Driving Safety Using Vision-Based Classification Techniques. Sensors, 2017, 17, 2199.	3.8	11
850	Neutrosophic Similarity Score Based Weighted Histogram for Robust Mean-Shift Tracking. Information (Switzerland), 2017, 8, 122.	2.9	5
851	Robust Scale Adaptive Tracking by Combining Correlation Filters with Sequential Monte Carlo. Sensors, 2017, 17, 512.	3.8	9
852	Multi-View Structural Local Subspace Tracking. Sensors, 2017, 17, 666.	3.8	5
853	A Reliable and Real-Time Tracking Method with Color Distribution. Sensors, 2017, 17, 2303.	3.8	15

#	Article	IF	Citations
854	A Saccade Based Framework for Real-Time Motion Segmentation Using Event Based Vision Sensors. Frontiers in Neuroscience, 2017, 11, 83.	2.8	9
855	An object tracking method based on CNN and optical flow. , 2017, , .		6
856	Patch Based Multiple Instance Learning Algorithm for Object Tracking. Computational Intelligence and Neuroscience, 2017, 2017, 1-7.	1.7	4
857	Convolutional Shallow Features for Performance Improvement of Histogram of Oriented Gradients in Visual Object Tracking. Mathematical Problems in Engineering, 2017, 2017, 1-9.	1.1	2
858	Visual Tracking Based on Complementary Learners with Distractor Handling. Mathematical Problems in Engineering, 2017, 2017, 1-13.	1.1	5
859	Visual Vehicle Tracking Based on Deep Representation and Semisupervised Learning. Journal of Sensors, 2017, 2017, 1-6.	1.1	1
860	A Parallel Strategy for Convolutional Neural Network Based on Heterogeneous Cluster for Mobile Information System. Mobile Information Systems, 2017, 2017, 1-12.	0.6	8
861	Real-Time Object Tracking via Fusion of Global and Local Appearance Models. IEICE Transactions on Information and Systems, 2017, E100.D, 2738-2743.	0.7	1
862	Scene-Aware Adaptive Updating for Visual Tracking via Correlation Filters. Sensors, 2017, 17, 2626.	3.8	13
863	3D Tracker-Level Fusion for Robust RGB-D Tracking. IEICE Transactions on Information and Systems, 2017, E100.D, 1870-1881.	0.7	0
864	Occupancy measurement by object tracking at building entrances. , 2017, , .		2
865	Surgical instruments tracking based on deep learning with lines detection and spatio-temporal context., 2017,,.		22
866	Robust and real-time deep tracking via multi-scale domain adaptation. , 2017, , .		8
867	An improved target tracking algorithm with two-phase. , 2017, , .		0
868	Symbiotic Tracker Ensemble with Feedback Learning. , 2017, , .		0
869	Rearch on multi-scale tracking technology of insulator. , 2017, , .		0
870	A comparison study on the adaptive scale estimation of correlation filter-based visual tracking methods. , 2017 , , .		0
871	Parallel multiple instance learning for extremely large histopathology image analysis. BMC Bioinformatics, 2017, 18, 360.	2.6	17

#	ARTICLE	IF	CITATIONS
872	A comparison study of adaptive scale estimation in correlation filter-based visual tracking methods. Robotics and Biomimetics, 2017, 4, 11.	1.7	2
873	Three-dimensional Object Tracking in RGB Datasets. , 2017, , .		0
874	Visual target tracking based on multi-view feature fusion with online multiple instance learning. , 2017, , .		0
875	Object tracking of online feature selection multiple instance learning via minimizing trace. Journal of Computational Methods in Sciences and Engineering, 2017, 17, 519-531.	0.2	1
876	Adaptive Scale Compressive Tracking with Feature Integration. MATEC Web of Conferences, 2017, 128, 01009.	0.2	0
877	Kernelized convex hull for visual tracking. , 2017, , .		0
878	SPiKeS: Superpixel-Keypoints structure for robust visual tracking. Machine Vision and Applications, 2018, 29, 175-186.	2.7	1
879	A hybrid tracking framework based on kernel correlation filtering and particle filtering. Neurocomputing, 2018, 297, 40-49.	5.9	19
880	Fast Fourier Transform Networks for Object Tracking Based on Correlation Filter. IEEE Access, 2018, 6, 6594-6601.	4.2	5
881	Action-Driven Visual Object Tracking With Deep Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2239-2252.	11.3	53
882	Compressive tracking combined with sample weights and adaptive learning factor. Concurrency Computation Practice and Experience, 2018, 30, e4398.	2.2	1
883	Structured and weighted multi-task low rank tracker. Pattern Recognition, 2018, 81, 528-544.	8.1	11
884	Robust occlusion-aware part-based visual tracking with object scale adaptation. Pattern Recognition, 2018, 81, 456-470.	8.1	32
885	Object tracking via Online Multiple Instance Learning with reliable components. Computer Vision and Image Understanding, 2018, 172, 25-36.	4.7	8
886	Structure-Aware Local Sparse Coding for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 3857-3869.	9.8	44
887	Discriminative Correlation Filter Tracker with Channel and Spatial Reliability. International Journal of Computer Vision, 2018, 126, 671-688.	15.6	271
888	Robust Visual Tracking Based on Convolutional Features with Illumination and Occlusion Handing. Journal of Computer Science and Technology, 2018, 33, 223-236.	1.5	53
889	PD ² T: Person-Specific Detection, Deformable Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2555-2568.	13.9	5

#	Article	IF	CITATIONS
890	Online classification for object tracking based on superpixel. Neurocomputing, 2018, 286, 88-108.	5.9	3
891	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
892	Robust Tracking and Redetection: Collaboratively Modeling the Target and Its Context. IEEE Transactions on Multimedia, 2018, 20, 889-902.	7.2	18
893	Tracking using Numerous Anchor Points. Machine Vision and Applications, 2018, 29, 247-261.	2.7	1
894	Once for All: A Two-Flow Convolutional Neural Network for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3377-3386.	8.3	53
895	Real-time ball-position measurement using multi-view cameras for live football broadcast. Multimedia Tools and Applications, 2018, 77, 23729-23750.	3.9	5
896	Online single target tracking in WAMI: benchmark and evaluation. Multimedia Tools and Applications, 2018, 77, 10939-10960.	3.9	7
897	Collaborative Learning based on Convolutional Features and Correlation Filter for Visual Tracking. International Journal of Control, Automation and Systems, 2018, 16, 335-349.	2.7	12
898	Robust Object Tracking by Nonlinear Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4769-4781.	11.3	15
899	Real-Time Scalable Visual Tracking via Quadrangle Kernelized Correlation Filters. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 140-150.	8.0	49
900	Context multi-task visual object tracking via guided filter. Signal Processing: Image Communication, 2018, 62, 117-128.	3.2	3
901	Robust objectness tracking with weighted multiple instance learning algorithm. Neurocomputing, 2018, 288, 43-53.	5.9	8
902	Real-Time RGB-D Visual Tracking With Scale Estimation and Occlusion Handling. IEEE Access, 2018, 6, 24256-24263.	4.2	7
903	Convolutional Regression for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 3611-3620.	9.8	41
904	Object tracking based on support vector dictionary learning. Signal, Image and Video Processing, 2018, 12, 1189-1196.	2.7	1
905	Sim4CV: A Photo-Realistic Simulator for Computer Vision Applications. International Journal of Computer Vision, 2018, 126, 902-919.	15.6	98
906	Adaptive Correlation Filters with Long-Term and Short-Term Memory for Object Tracking. International Journal of Computer Vision, 2018, 126, 771-796.	15.6	112
907	Visual tracking via Boolean map representations. Pattern Recognition, 2018, 81, 147-160.	8.1	35

#	Article	IF	CITATIONS
908	New trends on moving object detection in video images captured by a moving camera: A survey. Computer Science Review, 2018, 28, 157-177.	15.3	172
909	Robust Visual Tracking Revisited: From Correlation Filter to Template Matching. IEEE Transactions on Image Processing, 2018, 27, 2777-2790.	9.8	60
910	Real-Time Long-Term Tracking With Prediction-Detection-Correction. IEEE Transactions on Multimedia, 2018, 20, 2289-2302.	7.2	36
911	Online multi-object tracking: multiple instance based target appearance model. Multimedia Tools and Applications, 2018, 77, 25199-25221.	3.9	5
912	Robust Visual Tracking Based on Convex Hull with EMD-L1. Pattern Recognition and Image Analysis, 2018, 28, 44-52.	1.0	2
913	Robust object tracking via superpixels and keypoints. Multimedia Tools and Applications, 2018, 77, 25109-25129.	3.9	5
914	Accurate target tracking via Gaussian sparsity and locality-constrained coding in heavy occlusion. Multimedia Tools and Applications, 2018, 77, 26485-26507.	3.9	0
915	Visual tracking using localityâ€constrained linear coding under a particle filtering framework. IET Computer Vision, 2018, 12, 196-207.	2.0	4
916	MILE: A minimally interactive learning framework for visual data analysis. , 2018, , .		0
917	A Compressive Tracking Method Based on Gaussian Differential Graph and Weighted Cosine Similarity Metric. IEEE Signal Processing Letters, 2018, 25, 501-505.	3.6	7
918	Not All Negatives Are Equal: Learning to Track With Multiple Background Clusters. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 314-326.	8.3	4
919	Coupled-layer based visual tracking via adaptive kernelized correlation filters. Visual Computer, 2018, 34, 41-54.	3.5	11
920	Selective Sampling Importance Resampling Particle Filter Tracking With Multibag Subspace Restoration. IEEE Transactions on Cybernetics, 2018, 48, 264-276.	9.5	14
921	Hierarchical search strategy in particle filter framework to track infrared target. Neural Computing and Applications, 2018, 29, 469-481.	5.6	3
922	Correlation Filter Learning Toward Peak Strength for Visual Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1290-1303.	9.5	45
923	Crowd Tracking by Group Structure Evolution. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 772-786.	8.3	5
924	Constrained Superpixel Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1030-1041.	9.5	31
925	Visual tracking with conditionally adaptive multiple template update scheme for intricate videos. Multimedia Systems, 2018, 24, 175-194.	4.7	3

#	Article	IF	CITATIONS
926	An intelligent decision computing paradigm for crowd monitoring in the smart city. Journal of Parallel and Distributed Computing, 2018, 118, 344-358.	4.1	31
927	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
928	Confidence-Based Data Association and Discriminative Deep Appearance Learning for Robust Online Multi-Object Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 595-610.	13.9	190
929	A Comprehensive Performance Evaluation of Deformable Face Tracking "In-the-Wild― International Journal of Computer Vision, 2018, 126, 198-232.	15.6	79
930	Gracker: A Graph-Based Planar Object Tracker. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1494-1501.	13.9	50
931	Visual Tracking via Nonlocal Similarity Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2826-2835.	8.3	9
932	Coupling deep correlation filter and online discriminative learning for visual object tracking. Journal of Computational and Applied Mathematics, 2018, 329, 191-201.	2.0	6
933	Unsupervised classification of erroneous video object trajectories. Soft Computing, 2018, 22, 4703-4721.	3.6	4
934	Global-patch-hybrid template-based arbitrary object tracking with integral channel features. Applied Intelligence, 2018, 48, 300-314.	5.3	11
935	Object Tracking by Incremental Structural Learning of Deformable Parts. Circuits, Systems, and Signal Processing, 2018, 37, 255-276.	2.0	0
936	Deformable Parts Correlation Filters for Robust Visual Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1849-1861.	9.5	67
937	Visual object tracking by correlation filters and online learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 140, 77-89.	11.1	30
938	A novel deep multi-channel residual networks-based metric learning method for moving human localization in video surveillance. Signal Processing, 2018, 142, 104-113.	3.7	29
939	Towards Occlusion Handling: Object Tracking With Background Estimation. IEEE Transactions on Cybernetics, 2018, 48, 2086-2100.	9.5	19
940	Visual tracking using global sparse coding and local convolutional features. , 2018, 72, 115-125.		7
941	Improved object tracking via joint color-LPQ texture histogram based mean shift algorithm. Signal, Image and Video Processing, 2018, 12, 583-590.	2.7	15
942	Deep learning assisted robust visual tracking with adaptive particle filtering. Signal Processing: Image Communication, 2018, 60, 183-192.	3.2	24
943	2D recurrent neural networks: a high-performance tool for robust visual tracking in dynamic scenes. Neural Computing and Applications, 2018, 29, 329-341.	5.6	3

#	Article	IF	CITATIONS
944	Multiple instance learning: A survey of problem characteristics and applications. Pattern Recognition, 2018, 77, 329-353.	8.1	392
945	A brief introduction to weakly supervised learning. National Science Review, 2018, 5, 44-53.	9.5	987
946	Improved kernelized correlation filter tracking by using spatial regularization. Journal of Visual Communication and Image Representation, 2018, 50, 74-82.	2.8	10
947	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
948	Multiple person tracking based on slow feature analysis. Multimedia Tools and Applications, 2018, 77, 3623-3637.	3.9	8
949	Deep visual tracking: Review and experimental comparison. Pattern Recognition, 2018, 76, 323-338.	8.1	419
950	Visual Tracking via Subspace Learning: A Discriminative Approach. International Journal of Computer Vision, 2018, 126, 515-536.	15.6	20
951	Hybrid generative–discriminative hash tracking with spatio-temporal contextual cues. Neural Computing and Applications, 2018, 29, 389-399.	5.6	5
952	Object tracking using distribution fields with correlation coefficients. Multimedia Tools and Applications, 2018, 77, 8979-9002.	3.9	2
953	Relaxed Target Representation for Visual Tracking. , 2018, , .		0
954	Predicting Learning Tracking: A comparative study. , 2018, , .		1
955	Multiple instance learning tracking based on Fisher linear discriminant with incorporated priors. International Journal of Advanced Robotic Systems, 2018, 15, 172988141775072.	2.1	5
956	A Multiple Granular Cascaded Model of Object Tracking Under Surveillance Videos. , 2018, , .		2
957	Compact Object Representation of a Non-Rigid Object for Real-Time Tracking in AR Systems. , 2018, , .		0
958	VITAL: VIsual Tracking via Adversarial Learning. , 2018, , .		378
959	Research on Video Image Vehicle Tracking Algorithm Based on Random Forest Method. Journal of Physics: Conference Series, 2018, 1098, 012020.	0.4	0
960	The Kernel Based Multiple Instances Learning Algorithm for Object Tracking. Electronics (Switzerland), 2018, 7, 97.	3.1	6
961	Real-time fast moving object tracking in severely degraded videos captured by unmanned aerial vehicle. International Journal of Advanced Robotic Systems, 2018, 15, 172988141875910.	2.1	12

#	Article	IF	Citations
962	Real-Time Underwater Fish Tracking Based on Adaptive Multi-Appearance Model., 2018,,.		7
963	Scale Adaptive Distractor Aware Visual Object Tracker. , 2018, , .		0
964	Occlusion Detection for Long Term Visual Tracking. , 2018, , .		1
965	Reinstating Dlib Correlation Human Trackers Under Occlusions in Human Detection based Tracking. , 2018, , .		8
966	Correlation Filter Based Moving Object Tracking With Scale Adaptation and Online Re-Detection. IEEE Access, 2018, 6, 75244-75258.	4.2	16
967	Accurate Specified-Pedestrian Tracking from Unmanned Aerial Vehicles. , 2018, , .		5
968	A Fast Object Tracker Based on Integrated Multiple Features and Dynamic Learning Rate. Mathematical Problems in Engineering, 2018, 2018, 1-14.	1.1	8
969	Visual object tracking: in the simultaneous presence of scale variation and occlusion. Systems Science and Control Engineering, 2018, 6, 456-466.	3.1	10
970	Object Recognition using Sparse Autoencoder with Convolutional Neural Network. , 2018, , .		0
971	Video Tracking Based on Template Matching and Particle Filter. , 2018, , .		2
972	Robust Real-Time Object Tracking using Tiered Templates. , 2018, , .		0
973	FALCON., 2018,,.		2
974	Visual Tracking with Breeding Fireflies using Brightness from Background-Foreground Information. , 2018, , .		3
975	Finding "It": Weakly-Supervised Reference-Aware Visual Grounding in Instructional Videos. , 2018, , .		46
976	Robust Scale Adaptive Visual Tracking with Correlation Filters. Applied Sciences (Switzerland), 2018, 8, 2037.	2.5	1
977	Occlusion detection via correlation filters for robust object tracking. Journal of Engineering, 2018, 2018, 375-384.	1.1	3
978	Species Inspired PSO based Pyramid Match Kernel Model (PMK) for Moving Object Motion Tracking. , 2018, , .		0
979	Learning Multi-Domain Convolutional Network for RGB-T Visual Tracking. , 2018, , .		12

#	Article	IF	CITATIONS
980	Perceptual Hash Algorithm Based on Scale-Invariant Feature Transform and Cluster Analysis., 2018,,.		1
981	Robust Structured Multi-Task Multi-View Sparse Tracking. , 2018, , .		3
982	Robust Spatio-temporal Context Tracking Algorithm Based on Correlation Filter*., 2018,,.		0
983	Relative Object Tracking Algorithm Based on Convolutional Neural Network for Visible and Infrared Video Sequences. , $2018, \ldots$		14
984	Multi-scale representation based on convolutional neural networks for tracking. , 2018, , .		0
985	More Robust Object Tracking via Semi-supervised Metric Learning and Edge Detection., 2018,,.		0
986	Non-negative Subspace Representation Learning Scheme for Correlation Filter Based Tracking. , 2018, , .		13
987	Fast Deep Tracking via Semi-Online Domain Adaptation. Journal of Physics: Conference Series, 2018, 1004, 012013.	0.4	1
988	A Visual Tracking Algorithm Based on Visual Saliency and Multiple Features Fusion. , 2018, , .		0
989	Long-term Tracking Based on Spatio-Temporal Context Model*. , 2018, , .		0
990	Frame-Sub Sampled, Drift-Resilient Long-Term Video Object Tracking. , 2018, , .		1
991	An Embedded Tracking System with Neural Network Accelerator. , 2018, , .		2
992	Correlation Tracking via Self-Adaptive Fusion of Multiple Features. Information (Switzerland), 2018, 9, 241.	2.9	3
993	Correlation Filter Tracking with Multiscale Spatial View. , 2018, , .		3
994	Moving Object Tracking Using Kalman Filter. , 2018, , .		27
995	Algorithms for Flying Object Detection. , 2018, , .		0
996	Biometric Recognition in Surveillance Environments Using Master-Slave Architectures. , 2018, , .		0
997	Minimum Barrier Distance-Based Object Descriptor for Visual Tracking. Applied Sciences (Switzerland), 2018, 8, 2233.	2.5	1

#	Article	IF	Citations
998	An Improved Kernelized Correlation Filter Based Visual Tracking Method. Mathematical Problems in Engineering, 2018, 2018, 1-12.	1.1	5
999	Improved dualâ€mode compressive tracking integrating balanced colour and texture features. IET Computer Vision, 2018, 12, 1200-1206.	2.0	2
1000	Multiple- Instance Learning with Empirical Estimation Guided Instance Selection. , 2018, , .		3
1001	Object Tracking Based on Kernelized Correlation Filter with HOG and Illumination Invariant Features. , 2018, , .		0
1002	Scaled and oriented object tracking using ensemble of multilayer perceptrons. Applied Soft Computing Journal, 2018, 73, 1081-1094.	7.2	12
1003	Weak-structure-aware visual object tracking with bottom-up and top-down context exploration. Signal Processing: Image Communication, 2018, 68, 169-180.	3.2	0
1004	Online Learning of Discriminative Correlation Filter Bank for Visual Tracking. Information (Switzerland), 2018, 9, 61.	2.9	3
1005	Improved kernelized correlation filter algorithm and application in the optoelectronic tracking system. International Journal of Advanced Robotic Systems, 2018, 15, 172988141877658.	2.1	5
1006	Online Object Tracking via Novel Adaptive Multicue Based Particle Filter Framework for Video Surveillance. International Journal on Artificial Intelligence Tools, 2018, 27, 1850023.	1.0	3
1007	Real-Time â€~Actor-Critic' Tracking. Lecture Notes in Computer Science, 2018, , 328-345.	1.3	99
1008	Two-stage modality-graphs regularized manifold ranking for RGB-T tracking. Signal Processing: Image Communication, 2018, 68, 207-217.	3.2	23
1009	Hand Pose Estimation for Robot Programming by Demonstration in Object Manipulation Tasks., 2018,,.		3
1010	Multi-granularity Hierarchical Attention Siamese Network for Visual Tracking. , 2018, , .		8
1011	Object Tracking based on KCF and Sparse Prototypes. , 2018, , .		2
1012	Visual Tracking Using Sparse Coding and Earth Mover's Distance. Frontiers in Robotics and Al, 2018, 5, 95.	3.2	3
1013	Comparing Visual Tracker Fusion on Thermal Image Sequences. , 2018, , .		1
1014	Deep Regression Tracking with Shrinkage Loss. Lecture Notes in Computer Science, 2018, , 369-386.	1.3	155
1015	Partial Block Scheme and Adaptive Update Model for Kernelized Correlation Filters-Based Object Tracking. Applied Sciences (Switzerland), 2018, 8, 1349.	2.5	2

#	Article	IF	CITATIONS
1016	Robust Visual Tracking with Discrimination Dictionary Learning. Advances in Multimedia, 2018, 2018, 1-10.	0.4	1
1017	Object Tracking via Deep Multi-View Compressive Model for Visible and Infrared Sequences. , 2018, , .		4
1018	A Joint Multi-Feature and Scale-Adaptive Correlation Filter Tracker. IEEE Access, 2018, 6, 34246-34253.	4.2	8
1019	Frame-Subsampled, Drift-Resilient Video Object Tracking. , 2018, , .		3
1020	Fast computing position of maximum of circulant convolution. , 2018, 83, 83-97.		0
1021	Robust visual tracking via multi-feature response maps fusion using a collaborative local-global layer visual model. Journal of Visual Communication and Image Representation, 2018, 56, 1-14.	2.8	7
1022	Real-Time Inland CCTV Ship Tracking. Mathematical Problems in Engineering, 2018, 2018, 1-10.	1.1	5
1023	Drift-Free Tracking Surveillance Based on Online Latent Structured SVM and Kalman Filter Modules. IEICE Transactions on Information and Systems, 2018, E101.D, 491-503.	0.7	1
1024	Spatial–temporal adaptive feature weighted correlation filter for visual tracking. Signal Processing: Image Communication, 2018, 67, 58-70.	3.2	8
1025	Online multi-view subspace learning via group structure analysis for visual object tracking. Distributed and Parallel Databases, 2018, 36, 485-509.	1.6	0
1026	Multi-Instance Dynamic Ordinal Random Fields for Weakly Supervised Facial Behavior Analysis. IEEE Transactions on Image Processing, 2018, 27, 3969-3982.	9.8	17
1027	Support vector correlation filter with long-term tracking. Signal, Image and Video Processing, 2018, 12, 1541-1549.	2.7	2
1028	Visual object tracking based on sequential learning of SVM parameter., 2018, 79, 102-115.		10
1029	Object Tracking in Vary Lighting Conditions for Fog Based Intelligent Surveillance of Public Spaces. IEEE Access, 2018, 6, 29283-29296.	4.2	73
1030	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
1031	Salience based object tracking in complex scenes. Neurocomputing, 2018, 314, 132-142.	5.9	8
1032	Discriminative tracking via supervised tensor learning. Neurocomputing, 2018, 315, 33-47.	5.9	16
1033	A seam tracking system based on a laser vision sensor. Measurement: Journal of the International Measurement Confederation, 2018, 127, 489-500.	5.0	56

#	Article	IF	Citations
1034	Multi-layer convolutional network-based visual tracking via important region selection. Neurocomputing, 2018, 315, 145-156.	5.9	2
1035	Visual Tracking via Adaptive Random Projection Based on Sub-Regions. IEEE Access, 2018, 6, 41955-41965.	4.2	7
1036	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
1037	Correlation filterâ €b ased visual tracking via adaptive weighted CNN features fusion. IET Image Processing, 2018, 12, 1423-1431.	2.5	17
1038	Fast Visual Tracking With Robustifying Kernelized Correlation Filters. IEEE Access, 2018, 6, 43302-43314.	4.2	4
1039	Collaborative model based UAV tracking via local kernel feature. Applied Soft Computing Journal, 2018, 72, 90-107.	7.2	5
1040	Learning Padless Correlation Filters for Boundary-Effect Free Tracking. IEEE Sensors Journal, 2018, 18, 7721-7729.	4.7	6
1041	Spatio-temporally weighted multiple instance learning for visual tracking. Optik, 2018, 171, 904-917.	2.9	6
1042	Total Variation Regularization Term-Based Low-Rank and Sparse Matrix Representation Model for Infrared Moving Target Tracking. Remote Sensing, 2018, 10, 510.	4.0	28
1043	Robust Object Tracking Based on Motion Consistency. Sensors, 2018, 18, 572.	3.8	5
1044	Adaptive Correlation Model for Visual Tracking Using Keypoints Matching and Deep Convolutional Feature. Sensors, 2018, 18, 653.	3.8	1
1045	Using fuzzy least squares support vector machine with metric learning for object tracking. Pattern Recognition, 2018, 84, 112-125.	8.1	19
1046	An improved multiple instance learning tracking algorithm based on occlusion detection., 2018,,.		0
1047	Robust object tracking with scene-adaptive scheme in occlusion. Journal of Intelligent and Fuzzy Systems, 2018, 34, 3983-3991.	1.4	4
1048	A novel particle swarm tracking system based on chromatic co-occurrence matrices., 2018,,.		0
1049	Sword tracer., 2018, , .		5
1050	FFS-VA., 2018,,.		13
1051	Efficient Correlation Tracking via Center-Biased Spatial Regularization. IEEE Transactions on Image Processing, 2018, 27, 6159-6173.	9.8	6

#	Article	IF	Citations
1052	Multi-task based object tracking via a collaborative model. Journal of Visual Communication and Image Representation, 2018, 55, 698-710.	2.8	0
1053	Long-term correlation tracking using multi-layer hybrid features in sparse and dense environments. Journal of Visual Communication and Image Representation, 2018, 55, 464-476.	2.8	16
1054	Robust feature learning for online discriminative tracking without large-scale pre-training. Frontiers of Computer Science, 2018, 12, 1160-1172.	2.4	3
1055	Lightweight Particle Filter for Robust Visual Tracking. IEEE Access, 2018, 6, 32310-32320.	4.2	5
1056	Accelerated Particle Filter for Real-Time Visual Tracking With Decision Fusion. IEEE Signal Processing Letters, 2018, 25, 1094-1098.	3.6	8
1057	Visual tracking via robust multi-task multi-feature joint sparse representation. Multimedia Tools and Applications, 2018, 77, 31447-31467.	3.9	9
1058	Robust and Long-Term Object Tracking With an Application to Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3387-3399.	8.0	13
1059	Simultaneous Object Segmentation and Recognition by Merging CNN Outputs from Uniformly Distributed Multiple Viewpoints. IEICE Transactions on Information and Systems, 2018, E101.D, 1308-1316.	0.7	0
1060	Evolving Head Tracking Routines With Brain Programming. IEEE Access, 2018, 6, 26254-26270.	4.2	19
1061	A compressed multiple feature and adaptive scale estimation method for correlation filter-based visual tracking. International Journal of Advanced Robotic Systems, 2018, 15, 172988141775151.	2.1	1
1062	Learning Linear Regression via Single-Convolutional Layer for Visual Object Tracking. IEEE Transactions on Multimedia, 2019, 21, 86-97.	7.2	30
1063	Object tracking based on Huber loss function. Visual Computer, 2019, 35, 1641-1654.	3.5	8
1064	Multiple human tracking in drone image. Multimedia Tools and Applications, 2019, 78, 4563-4577.	3.9	13
1066	Semantics-Aware Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1687-1700.	8.3	29
1067	Visual Tracking via Dynamic Graph Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2770-2782.	13.9	38
1068	Robust Visual Tracking via Hierarchical Convolutional Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2709-2723.	13.9	136
1069	Spatially Regularized Structural Support Vector Machine for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3024-3034.	11.3	23
1070	Robust visual tracking based on convolutional neural network with extreme learning machine. Multimedia Tools and Applications, 2019, 78, 7543-7562.	3.9	6

#	Article	IF	CITATIONS
1071	Trajectory-Based Surveillance Analysis: A Survey. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1985-1997.	8.3	67
1072	Fuzzy chromatic co-occurrence matrices for tracking objects. Pattern Analysis and Applications, 2019, 22, 1065-1077.	4.6	1
1073	Online Scale Adaptive Visual Tracking Based on Multilayer Convolutional Features. IEEE Transactions on Cybernetics, 2019, 49, 146-158.	9.5	27
1074	Maximum margin object tracking with weighted circulant feature maps. IET Computer Vision, 2019, 13, 71-78.	2.0	5
1075	Can We Track Targets From Space? A Hybrid Kernel Correlation Filter Tracker for Satellite Video. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8719-8731.	6.3	46
1076	Adaptive convolutional neural network for large change in video object segmentation. IET Computer Vision, 2019, 13, 452-460.	2.0	3
1077	Visual Tracking using Spatial-Temporal Regularized Support Correlation Filters. Journal of Physics: Conference Series, 2019, 1169, 012019.	0.4	0
1078	Visual Tracking via Dynamic Memory Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 43, 1-1.	13.9	28
1079	Dynamically Spatiotemporal Regularized Correlation Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-12.	11.3	12
1080	Online Visual Tracking of Weighted Multiple Instance Learning via Neutrosophic Similarity-Based Objectness Estimation. Symmetry, 2019, 11, 832.	2.2	28
1081	Structured group local sparse tracker. IET Image Processing, 2019, 13, 1391-1399.	2.5	5
1082	Monocular Robust Depth Estimation Vision System for Robotic Tasks Interventions in Metallic Targets. Sensors, 2019, 19, 3220.	3.8	9
1083	Robust visual tracking via a hybrid correlation filter. Multimedia Tools and Applications, 2019, 78, 31633-31648.	3.9	9
1084	An improved Kernelized Correlation Filter tracking algorithm based on multi-channel memory model. Signal Processing: Image Communication, 2019, 78, 200-205.	3.2	7
1085	Real-Time Deep Tracking via Corrective Domain Adaptation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2600-2612.	8.3	13
1086	Effective appearance model update strategy in object tracking. IET Computer Vision, 2019, 13, 531-541.	2.0	7
1087	An embarrassingly simple approach to neural multiple instance classification. Pattern Recognition Letters, 2019, 128, 474-479.	4.2	9
1088	Object Tracking Algorithm Based on Adaptive Deep Sparse Neural Network. IOP Conference Series: Materials Science and Engineering, 0, 490, 042034.	0.6	0

#	ARTICLE	IF	CITATIONS
1089	Weighted Optical Flow Prediction and Attention Model for Object Tracking. IEEE Access, 2019, 7, 144885-144894.	4.2	5
1090	Learning Objectness Transfer Networks for Visual Tracking. IEEE Access, 2019, 7, 148706-148717.	4.2	0
1091	Deep feature tracking based on interactive multiple model. Neurocomputing, 2019, 333, 29-40.	5.9	6
1092	Unmanned Aerial Vehicle Video-Based Target Tracking Algorithm Using Sparse Representation. IEEE Internet of Things Journal, 2019, 6, 9689-9706.	8.7	30
1093	Visualization of putting trajectories in live golf broadcasting. , 2019, , .		0
1094	A Multi-Patch Network for Non-Rigid Object Tracking. , 2019, , .		1
1095	Distractor-Aware Visual Tracking by Online Siamese Network. IEEE Access, 2019, 7, 89777-89788.	4.2	18
1096	Recurrently exploiting co-saliency of target for part-based visual tracking. Eurasip Journal on Advances in Signal Processing, 2019, 2019, .	1.7	2
1097	SiamFT: An RGB-Infrared Fusion Tracking Method via Fully Convolutional Siamese Networks. IEEE Access, 2019, 7, 122122-122133.	4.2	53
1098	Detection Based Tracking of Unmanned Aerial Vehicles. , 2019, , .		1
1099	Target Tracking based on Multi Templates and Regression Network. , 2019, , .		0
1100	Research of multi-object detection and tracking using machine learning based on knowledge for video surveillance system. Personal and Ubiquitous Computing, 2022, 26, 385-394.	2.8	9
1101	Object Tracking on Satellite Videos: A Correlation Filter-Based Tracking Method With Trajectory Correction by Kalman Filter. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3538-3551.	4.9	46
1102	Human motion tracking: A comparative study. Procedia Computer Science, 2019, 148, 145-153.	2.0	8
1103	Robust visual tracking using discriminative sparse collaborative map. International Journal of Machine Learning and Cybernetics, 2019, 10, 3201-3212.	3.6	3
1104	Visual object tracking based on discriminant DCT features. , 2019, 95, 102572.		5
1105	Robust Visual Tracking Based on Relaxed Target Representation. Pattern Recognition and Image Analysis, 2019, 29, 415-424.	1.0	1
1106	Witness detection in multi-instance regression and its application for age estimation. Multimedia Tools and Applications, 2019, 78, 33703-33722.	3.9	3

#	Article	IF	CITATIONS
1107	An adaptive template matching-based single object tracking algorithm with parallel acceleration. Journal of Visual Communication and Image Representation, 2019, 64, 102603.	2.8	13
1108	A Novel Framework to Localize Moving Targets in Video Surveillance Systems via Spectral Clustering. Procedia Computer Science, 2019, 147, 480-486.	2.0	2
1109	No Blind Spots: Full-Surround Multi-Object Tracking for Autonomous Vehicles Using Cameras and LiDARs. IEEE Transactions on Intelligent Vehicles, 2019, 4, 588-599.	12.7	98
1110	Using FTOC to track shuttlecock for the badminton robot. Neurocomputing, 2019, 334, 182-196.	5.9	27
1111	Content-Aware Focal Plane Selection and Proposals for Object Tracking on Plenoptic Image Sequences. Sensors, 2019, 19, 48.	3.8	6
1112	Marrying tracking with ELM: A Metric constraint guided multiple features fusion method. Pattern Recognition Letters, 2019, 120, 82-88.	4.2	2
1113	Deep Learning of Appearance Models for Online Object Tracking. Lecture Notes in Computer Science, 2019, , 681-686.	1.3	8
1114	Distractor-Aware Deep Regression for Visual Tracking. Sensors, 2019, 19, 387.	3.8	3
1115	Robust object tracking via integration of particle filtering with deep detection., 2019, 87, 112-124.		13
1116	Object Tracking for a Smart City Using IoT and Edge Computing. Sensors, 2019, 19, 1987.	3.8	26
1117	Online Non-Negative Multi-Modality Feature Template Learning for RGB-Assisted Infrared Tracking. IEEE Access, 2019, 7, 67761-67771.	4.2	24
1118	Trajectory Smoothing Constraint and Hard Negative Mining for Distractor-Aware Regression Tracking. IEEE Access, 2019, 7, 84658-84667.	4.2	1
1119	Cascaded Iterative Training Model and Parallel Multi-Classifiers for Visual Object Tracking. IEEE Access, 2019, 7, 63099-63112.	4.2	2
1120	Fingertip detection and tracking for recognition of air-writing in videos. Expert Systems With Applications, 2019, 136, 217-229.	7.6	58
1121	Visual Tracking Based on Multi-Feature and Fast Scale Adaptive Kernelized Correlation Filter. IEEE Access, 2019, 7, 83209-83228.	4.2	4
1122	Tracking Objects From Satellite Videos: A Velocity Feature Based Correlation Filter. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7860-7871.	6.3	62
1123	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
1124	Robust correlation filter tracking with multi-scale spatial view. Neurocomputing, 2019, 358, 119-140.	5.9	6

#	Article	IF	CITATIONS
1125	Visual Tracking Based on Deep Learning. , 2019, , 101-126.		O
1126	Robust Target Tracking Algorithm Based on Superpixel Visual Attention Mechanism. International Journal of Ambient Computing and Intelligence, 2019, 10, 1-17.	1.1	3
1127	Object Tracking by Unified Semantic Knowledge and Instance Features. IEICE Transactions on Information and Systems, 2019, E102.D, 680-683.	0.7	0
1128	Learning Rotation Adaptive Correlation Filters in Robust Visual Object Tracking. Lecture Notes in Computer Science, 2019, , 646-661.	1.3	0
1129	Handcrafted and Deep Trackers. ACM Computing Surveys, 2020, 52, 1-44.	23.0	91
1130	Incremental learning of concept drift in Multiple Instance Learning for industrial visual inspection. Computers in Industry, 2019, 109, 153-164.	9.9	11
1131	Multiple-Instance Lasso Regularization via Embedded Instance Selection for Emotion Recognition. Lecture Notes in Computer Science, 2019, , 244-251.	1.3	2
1132	Convolutional neural network with structural input for visual object tracking. , 2019, , .		6
1133	Object Tracking Based on Compressive Features and Extreme Learning Machine. IEEE Access, 2019, 7, 45994-46003.	4.2	3
1134	Adaptive convolutional layer selection based on historical retrospect for visual tracking. IET Computer Vision, 2019, 13, 345-353.	2.0	2
1135	Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. IEEE Access, 2019, 7, 43956-43969.	4.2	71
1136	Fast compressive tracking combined with Kalman filter. Multimedia Tools and Applications, 2019, 78, 22463-22477.	3.9	5
1137	Surgical tool tracking based on two CNNs: from coarse to fine. Journal of Engineering, 2019, 2019, 467-472.	1.1	11
1138	Parallel Tracking and Verifying. IEEE Transactions on Image Processing, 2019, 28, 4130-4144.	9.8	23
1139	Robust visual tracking based on spatial context pyramid. Multimedia Tools and Applications, 2019, 78, 21065-21084.	3.9	1
1140	A deep learning ball tracking system in soccer videos. Opto-electronics Review, 2019, 27, 58-69.	2.4	40
1141	Visual tracking in unstabilized real time videos using SURF. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 809-827.	4.9	4
1142	Robust Visual Tracking With Spatial Regularization Kernelized Correlation Filter Constrained by a Learning Spatial Reliability Map. IEEE Access, 2019, 7, 27339-27351.	4.2	3

#	Article	IF	CITATIONS
1143	Robust Visual Tracking Using Multi-Frame Multi-Feature Joint Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3673-3686.	8.3	10
1144	Visual Object Tracking Robust to Illumination Variation Based on Hyperline Clustering. Information (Switzerland), 2019, 10, 26.	2.9	4
1145	Multi-Vehicle Tracking via Real-Time Detection Probes and a Markov Decision Process Policy. Sensors, 2019, 13, 1309.	3.8	17
1146	Robust UAV-based tracking using hybrid classifiers. Machine Vision and Applications, 2019, 30, 125-137.	2.7	6
1147	Learning to Update for Object Tracking With Recurrent Meta-Learner. IEEE Transactions on Image Processing, 2019, 28, 3624-3635.	9.8	24
1148	Decision Controller for Object Tracking With Deep Reinforcement Learning. IEEE Access, 2019, 7, 28069-28079.	4.2	14
1149	Real-time tracking of surgical instruments based on spatio-temporal context and deep learning. Computer Assisted Surgery, 2019, 24, 20-29.	1.3	27
1150	Efficient visual tracking via sparse representation and back-projection histogram. Multimedia Tools and Applications, 2019, 78, 21759-21783.	3.9	5
1151	Object tracking via dual fuzzy low-rank approximation. International Journal of Wavelets, Multiresolution and Information Processing, 2019, 17, 1940003.	1.3	1
1152	Collaborative tracking based on contextual information and local patches. Machine Vision and Applications, 2019, 30, 587-601.	2.7	0
1153	Correlation Filter-Based Visual Tracking for UAV with Online Multi-Feature Learning. Remote Sensing, 2019, 11, 549.	4.0	37
1154	The Sixth Visual Object Tracking VOT2018 Challenge Results. Lecture Notes in Computer Science, 2019, , 3-53.	1.3	152
1155	A template consensus method for visual tracking. Optoelectronics Letters, 2019, 15, 70-74.	0.8	0
1156	Continuous convolutional object tracking in developmental robot scenarios. Neurocomputing, 2019, 342, 137-144.	5.9	9
1157	Real-time object tracking via least squares transformation in spatial and Fourier domains for unmanned aerial vehicles. Chinese Journal of Aeronautics, 2019, 32, 1716-1726.	5.3	11
1158	A Framework for Multiple Moving Objects Detection in Aerial Videos. , 2019, , 573-588.		1
1159	Neuro-probabilistic model for object tracking. Pattern Analysis and Applications, 2019, 22, 1609-1628.	4.6	3
1160	Siamese Tracking from Single Point Initialization. Sensors, 2019, 19, 514.	3.8	2

#	Article	IF	CITATIONS
1161	Learning Modality-Consistency Feature Templates: A Robust RGB-Infrared Tracking System. IEEE Transactions on Industrial Electronics, 2019, 66, 9887-9897.	7.9	100
1162	Target Pedestrian Tracking Algorithm Based on Occlusion Scene. IOP Conference Series: Materials Science and Engineering, 2019, 533, 012059.	0.6	0
1163	Siamese Network for Visual Tracking via Focal Loss. , 2019, , .		0
1164	The Seventh Visual Object Tracking VOT2019 Challenge Results. , 2019, , .		216
1165	Analysis of Vehicle Trajectories for Determining Cross-Sectional Load Density Based on Computer Vision., 2019,,.		1
1166	Solar Event Tracking with Deep Regression Networks: A Proof of Concept Evaluation. , 2019, , .		1
1167	Scalable Object Tracking in Smart Cities. , 2019, , .		3
1168	Visual Object Tracking by Using Ranking Loss. , 2019, , .		4
1169	Long-term 3D Registration Method Based on LCT Tracking and Improved ORB Detection. , 2019, , .		0
1170	Deep Siamese Networks toward Robust Visual Tracking. , 2019, , .		5
1171	Deep Motion-Appearance Convolutions for Robust Visual Tracking. IEEE Access, 2019, 7, 180451-180466.	4.2	2
1172	Robust Object Tracking Using Affine Transformation and Convolutional Features. IEEE Access, 2019, 7, 182489-182498.	4.2	0
1173	Performance Evaluation of Visual Object Detection and Tracking Algorithms Used in Remote Photoplethysmography. , 2019, , .		16
1174	Intra-Frame Object Tracking by Deblatting. , 2019, , .		11
1175	Low-Rank Tensor Tracking. , 2019, , .		3
1176	High-speed tracking system based on Multi-parallel-core processor and CNN algorithm. , 2019, , .		0
1177	Progress and Outlook of Visual Tracking: Bibliographic Analysis and Perspective. IEEE Access, 2019, 7, 184581-184598.	4.2	0
1178	Enhanced Initialization with Multi-Stage Learning for Robust Visual Tracking. , 2019, , .		2

#	Article	IF	Citations
1179	Gaussian Mixture Model (GMM) Based Object Detection and Tracking using Dynamic Patch Estimation. , 2019, , .		3
1180	Object Discovery in Videos as Foreground Motion Clustering. , 2019, , .		28
1181	Online non-negative discriminative dictionary learning for tracking. Eurasip Journal on Advances in Signal Processing, 2019, 2019, .	1.7	0
1182	Comparison of Yolo, SSD, Faster RCNN for Real Time Tennis Ball Tracking for Action Decision Networks. , 2019, , .		16
1183	A Hybrid Method for Tracking of Objects by UAVs. , 2019, , .		12
1184	Object Tracking With Structured Metric Learning. IEEE Access, 2019, 7, 161764-161775.	4.2	1
1185	Weighted Multiple Instance-Based Deep Correlation Filter for Video Tracking Processing. IEEE Access, 2019, 7, 161220-161230.	4.2	1
1186	Thermal infrared pedestrian tracking via fusion of features in driving assistance system of intelligent vehicles. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 6089-6103.	1.3	9
1187	Video lectures intellectual analysis algorithms and software system development., 2019,,.		3
1188	A Fast Hybrid-kernel Correlation Filter Tracking Algorithm. , 2019, , .		0
1189	Siamese Tracking with Adaptive Template-Updating Strategy. Applied Sciences (Switzerland), 2019, 9, 3725.	2.5	7
1190	Object tracking framework with Siamese network and re-detection mechanism. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	7
1191	Robust template matching with angle location using dynamic feature pairs updating. Applied Soft Computing Journal, 2019, 85, 105804.	7.2	4
1192	Long-Term Visual Object Tracking via Continual Learning. IEEE Access, 2019, 7, 182548-182558.	4.2	1
1193	Visual Object Tracking. Modeling and Optimization in Science and Technologies, 2019, , 391-428.	0.7	2
1194	Online Training of Discriminative Parameter for Object Tracking-by-Detection in a Video. Advances in Intelligent Systems and Computing, 2019, , 215-223.	0.6	2
1195	Robust tracking via weighted online extreme learning machine. Multimedia Tools and Applications, 2019, 78, 30723-30747.	3.9	2
1196	Real-time visual tracking with ELM augmented adaptive correlation filter. Pattern Recognition Letters, 2019, 127, 138-145.	4.2	7

#	Article	IF	CITATIONS
1197	Object tracking under large motion: Combining coarse-to-fine search with superpixels. Information Sciences, 2019, 480, 194-210.	6.9	10
1198	Scale-adaptive tracking based on perceptual hash and correlation filter. Multimedia Tools and Applications, 2019, 78, 16011-16032.	3.9	5
1199	AFM induced diffusion of large scale mobile HOPG defects. Applied Nanoscience (Switzerland), 2019, 9, 1459-1468.	3.1	3
1200	Robust visual tracking via scale-and-state-awareness. Neurocomputing, 2019, 329, 75-85.	5.9	29
1201	Distracter-aware tracking via correlation filter. Neurocomputing, 2019, 348, 134-144.	5.9	9
1202	Online multi-object tracking combining optical flow and compressive tracking in Markov decision process. Journal of Visual Communication and Image Representation, 2019, 58, 178-186.	2.8	22
1203	A novel framework for robust long-term object tracking in real-time. Machine Vision and Applications, 2019, 30, 529-539.	2.7	0
1204	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
1205	MSST-ResNet: Deep multi-scale spatiotemporal features for robust visual object tracking. Knowledge-Based Systems, 2019, 164, 235-252.	7.1	30
1206	Learning target-aware correlation filters for visual tracking. Journal of Visual Communication and Image Representation, 2019, 58, 149-159.	2.8	12
1207	Visual tracking with online structural similarity-based weighted multiple instance learning. Information Sciences, 2019, 481, 292-310.	6.9	21
1208	Object tracking via dense SIFT features and low-rank representation. Soft Computing, 2019, 23, 10173-10186.	3.6	5
1209	Quality Inspection of Remote Radio Units Using Depth-Free Image-Based Visual Servo With Acceleration Command. IEEE Transactions on Industrial Electronics, 2019, 66, 8214-8223.	7.9	24
1210	Online learning and detection of faces with low human supervision. Visual Computer, 2019, 35, 349-370.	3.5	7
1211	Reliability verificationâ€based convolutional neural networks for object tracking. IET Image Processing, 2019, 13, 175-185.	2.5	4
1212	Multi-Task Hierarchical Feature Learning for Real-Time Visual Tracking. IEEE Sensors Journal, 2019, 19, 1961-1968.	4.7	7
1213	Hierarchical convolutional features for visual tracking via two combined color spaces with SVM classifier. Signal, Image and Video Processing, 2019, 13, 359-368.	2.7	10
1214	Real-time multi-scale parallel compressive tracking. Journal of Real-Time Image Processing, 2019, 16, 2073-2091.	3.5	3

#	Article	IF	Citations
1215	Collaborative model with adaptive selection scheme for visual tracking. International Journal of Machine Learning and Cybernetics, 2019, 10, 215-228.	3.6	5
1216	Object tracking in the presence of shaking motions. Neural Computing and Applications, 2019, 31, 5917-5934.	5.6	8
1217	Reliable Re-Detection for Long-Term Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 730-743.	8.3	50
1218	Feature Distilled Tracking. IEEE Transactions on Cybernetics, 2019, 49, 440-452.	9.5	15
1219	Patch-based detection of dynamic objects in CrowdCam images. Visual Computer, 2019, 35, 521-534.	3.5	1
1220	Stem cell motion-tracking by using deep neural networks with multi-output. Neural Computing and Applications, 2019, 31, 3455-3467.	5.6	15
1221	Dense descriptor for visual tracking and robust update model strategy. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3089-3099.	4.9	8
1222	Modality-correlation-aware sparse representation for RGB-infrared object tracking. Pattern Recognition Letters, 2020, 130, 12-20.	4.2	77
1223	A long time tracking with BIN-NST and DRN. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4321-4327.	4.9	4
1224	Tracking-by-Fusion via Gaussian Process Regression Extended to Transfer Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 939-955.	13.9	15
1225	High-Performance Visual Tracking With Extreme Learning Machine Framework. IEEE Transactions on Cybernetics, 2020, 50, 2781-2792.	9.5	31
1226	PCL: Proposal Cluster Learning for Weakly Supervised Object Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 176-191.	13.9	217
1227	Long-term correlation tracking via spatial–temporal context. Visual Computer, 2020, 36, 425-442.	3.5	4
1228	When Correlation Filters Meet Siamese Networks for Real-Time Complementary Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 509-519.	8.3	26
1229	Correlation filter tracking algorithm based on multiple features and average peak correlation energy. Multimedia Tools and Applications, 2020, 79, 14671-14688.	3.9	1
1230	A Joint Framework for Athlete Tracking and Action Recognition in Sports Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 532-548.	8.3	22
1231	Visual Tracking via Auto-Encoder Pair Correlation Filter. IEEE Transactions on Industrial Electronics, 2020, 67, 3288-3297.	7.9	13
1232	A robust visual tracking method via local feature extraction and saliency detection. Visual Computer, 2020, 36, 683-700.	3.5	19

#	Article	IF	CITATIONS
1233	Multi-task non-negative matrix factorization for visual object tracking. Pattern Analysis and Applications, 2020, 23, 493-507.	4.6	1
1234	Object tracking with collaborative extreme learning machines. Multimedia Tools and Applications, 2020, 79, 4965-4988.	3.9	O
1235	Memory Mechanisms for Discriminative Visual Tracking Algorithms With Deep Neural Networks. IEEE Transactions on Cognitive and Developmental Systems, 2020, 12, 98-108.	3.8	10
1236	Robust Visual Tracking via Hierarchical Particle Filter and Ensemble Deep Features. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 179-191.	8.3	16
1237	Unifying Temporal Context and Multi-Feature With Update-Pacing Framework for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1078-1091.	8.3	10
1238	Learning Scale-Adaptive Tight Correlation Filter for Object Tracking. IEEE Transactions on Cybernetics, 2020, 50, 270-283.	9.5	23
1239	Visual Tracking Using Kernelized Correlation Filter with Conditional Switching to Median Flow Tracker. IETE Journal of Research, 2020, 66, 427-438.	2.6	4
1240	Spatial and semantic convolutional features for robust visual object tracking. Multimedia Tools and Applications, 2020, 79, 15095-15115.	3.9	148
1241	Joint Channel Reliability and Correlation Filters Learning for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1625-1638.	8.3	18
1242	Robust visual tracking using self-adaptive strategy. Multimedia Tools and Applications, 2020, 79, 141-162.	3.9	4
1243	Robust Long-Term Tracking via Instance-Specific Proposals. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 950-962.	4.7	17
1245	Dynamic swarm particle for fast motion vehicle tracking. ETRI Journal, 2020, 42, 54-66.	2.0	5
1246	Model-Free Tracker for Multiple Objects Using Joint Appearance and Motion Inference. IEEE Transactions on Image Processing, 2020, 29, 277-288.	9.8	9
1247	COB method with online learning for object tracking. Neurocomputing, 2020, 393, 142-155.	5.9	6
1248	Robust object tracking with crow search optimized multi-cue particle filter. Pattern Analysis and Applications, 2020, 23, 1439-1455.	4.6	14
1249	Target tracking from infrared imagery via an improved appearance model. Infrared Physics and Technology, 2020, 104, 103116.	2.9	15
1250	An improved CNN framework for detecting and tracking human body in unconstraint environment. Knowledge-Based Systems, 2020, 193, 105198.	7.1	15
1251	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

#	Article	IF	CITATIONS
1252	UAV tracking based on saliency detection. Soft Computing, 2020, 24, 12149-12162.	3.6	2
1253	Vision Tracking: A Survey of the State-of-the-Art. SN Computer Science, 2020, 1, 1.	3.6	19
1254	Sequential binary code selection for robust object tracking. Multimedia Tools and Applications, 2020, 79, 6951-6963.	3.9	1
1255	Object Tracking in Satellite Videos by Improved Correlation Filters With Motion Estimations. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1074-1086.	6.3	93
1256	A cascaded CNN model for multiple human tracking and re-localization in complex video sequences with large displacement. Multimedia Tools and Applications, 2020, 79, 6109-6134.	3.9	13
1257	MeMu: Metric correlation Siamese network and multi-class negative sampling for visual tracking. Pattern Recognition, 2020, 100, 107170.	8.1	16
1258	Three-step action search networks with deep Q-learning for real-time object tracking. Pattern Recognition, 2020, 101, 107188.	8.1	18
1259	Learning multiple instance deep representation for objects tracking. Journal of Visual Communication and Image Representation, 2020, 71, 102737.	2.8	2
1260	Multiple Instance Learning for Emotion Recognition Using Physiological Signals. IEEE Transactions on Affective Computing, 2022, 13, 389-407.	8.3	23
1261	Anti-occlusion object tracking based on correlation filter. Signal, Image and Video Processing, 2020, 14, 753-761.	2.7	5
1262	Multi-Feature Fusion in Particle Filter Framework for Visual Tracking. IEEE Sensors Journal, 2020, 20, 2405-2415.	4.7	39
1263	Efficient scalable spatiotemporal visual tracking based on recurrent neural networks. Multimedia Tools and Applications, 2020, 79, 2239-2261.	3.9	2
1264	Fuzzy Least Squares Support Vector Machine With Adaptive Membership for Object Tracking. IEEE Transactions on Multimedia, 2020, 22, 1998-2011.	7.2	8
1265	An improved correlation filter tracking method with occlusion and drift handling. Visual Computer, 2020, 36, 1909-1926.	3.5	3
1266	A Novel Scale Insensitive KCF Tracker Based on HOG and Color Features. Journal of Circuits, Systems and Computers, 2020, 29, 2050183.	1.5	7
1267	An improved kernel correlation filtered image target tracking algorithm. Journal of Computational Methods in Sciences and Engineering, 2020, 20, 499-507.	0.2	0
1268	Multi-Instance Learning Algorithm Based on LSTM for Chinese Painting Image Classification. IEEE Access, 2020, 8, 179336-179345.	4.2	5
1269	Target tracking method based on the fusion of structured SVM and KCF algorithm. , 2020, , .		0

#	Article	IF	CITATIONS
1270	A Technology for Automatically Counting Bus Passenger Based on YOLOv2 and MIL Algorithm. , 2020, , .		5
1271	CNN-based single object detection and tracking in videos and its application to drone detection. Multimedia Tools and Applications, 2021, 80, 34237-34248.	3.9	30
1272	Real-time visualization of sword trajectories in fencing matches. Multimedia Tools and Applications, 2020, 79, 26411-26425.	3.9	2
1273	Multitask Multisource Deep Correlation Filter for Remote Sensing Data Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3723-3734.	4.9	7
1274	Robust visual tracking via part-based model. Multimedia Systems, 2020, 26, 607-620.	4.7	2
1275	A Software Architecture for Video Analytics. , 2020, , .		0
1276	Drift-free tracking via the construction of an effective dictionary. International Journal of Advanced Robotic Systems, 2020, 17, 172988142092965.	2.1	0
1277	Multi-Stream Siamese and Faster Region-Based Neural Network for Real-Time Object Tracking. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7279-7292.	8.0	8
1278	Multi-Task Deep Dual Correlation Filters for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 9614-9626.	9.8	16
1279	A Scale Adaptive Kernel Correlation Filter-Based Tracker with Optimized Update Strategy., 2020,,.		0
1280	SNS-CF: Siamese Network with Spatially Semantic Correlation Features for Object Tracking. Sensors, 2020, 20, 4881.	3.8	2
1281	AFAM-PEC: Adaptive Failure Avoidance Tracking Mechanism Using Prediction-Estimation Collaboration. IEEE Access, 2020, 8, 149077-149092.	4.2	9
1282	Real-Time Visual Tracking of Moving Targets Using a Low-Cost Unmanned Aerial Vehicle with a 3-Axis Stabilized Gimbal System. Applied Sciences (Switzerland), 2020, 10, 5064.	2.5	16
1283	Siam R-CNN: Visual Tracking by Re-Detection. , 2020, , .		374
1284	Recursive Least-Squares Estimator-Aided Online Learning for Visual Tracking. , 2020, , .		10
1285	A Bayesian Filter for Multi-View 3D Multi-Object Tracking With Occlusion Handling. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 2246-2263.	13.9	31
1286	Intelligent Visual Tracking in Unstabilized Videos. International Journal of Natural Computing Research, 2020, 9, 54-75.	0.5	1
1287	Optimal Metric Evaluation-Based Multicue Inverse Sparse Appearance Model for Object Tracking. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.1	0

#	Article	IF	CITATIONS
1288	A Deep Composite Predict Network for Eye Disease. Journal of Physics: Conference Series, 2020, 1651, 012164.	0.4	0
1289	A quantitative attribute-based benchmark methodology for single-target visual tracking. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 405-421.	2.6	2
1290	Fast and robust visual tracking with hard balanced focal loss and guided domain adaption. Image and Vision Computing, 2020, 100, 103929.	4.5	2
1291	Visual object tracking using sparse context-aware spatio-temporal correlation filter. Journal of Visual Communication and Image Representation, 2020, 70, 102820.	2.8	7
1292	Weakly-supervised learning for lung carcinoma classification using deep learning. Scientific Reports, 2020, 10, 9297.	3.3	116
1293	Attention-Based Siamese Region Proposals Network for Visual Tracking. IEEE Access, 2020, 8, 86595-86607.	4.2	2
1294	Online Tracking and Relocation Based on a New Rotation-Invariant Haar-Like Statistical Descriptor in Endoscopic Examination. IEEE Access, 2020, 8, 101867-101883.	4.2	4
1295	Robust Visual Tracking via a Collaborative Model Based on Locality-Constrained Sparse Coding. IEEE Access, 2020, 8, 76737-76751.	4.2	2
1296	Appearance Learning for Image-Based Motion Estimation in Tomography. IEEE Transactions on Medical Imaging, 2020, 39, 3667-3678.	8.9	4
1297	Early temporal prediction of Type 2 Diabetes Risk Condition from a General Practitioner Electronic Health Record: A Multiple Instance Boosting Approach. Artificial Intelligence in Medicine, 2020, 105, 101847.	6.5	26
1298	Robust RGBD Tracking via Weighted Convolution Operators. IEEE Sensors Journal, 2020, 20, 4496-4503.	4.7	5
1299	LSTM guided ensemble correlation filter tracking with appearance model pool. Computer Vision and Image Understanding, 2020, 195, 102935.	4.7	6
1300	Tracking objects with partial occlusion by background alignment. Neurocomputing, 2020, 402, 1-13.	5.9	3
1301	Object Tracking with Multi-Classifier Fusion Based on Compressive Sensing and Multiple Instance Learning. Mathematical Problems in Engineering, 2020, 2020, 1-17.	1.1	0
1302	Visual Tracking via Deep Feature Fusion and Correlation Filters. Sensors, 2020, 20, 3370.	3.8	10
1303	Noise-Aware Framework for Robust Visual Tracking. IEEE Transactions on Cybernetics, 2022, 52, 1179-1192.	9.5	7
1304	DSiamMFT: An RGB-T fusion tracking method via dynamic Siamese networks using multi-layer feature fusion. Signal Processing: Image Communication, 2020, 84, 115756.	3.2	47
1305	Explicitly exploiting hierarchical features in visual object tracking. Neurocomputing, 2020, 397, 203-211.	5.9	3

#	Article	IF	CITATIONS
1306	Robust Structural Low-Rank Tracking. IEEE Transactions on Image Processing, 2020, 29, 4390-4405.	9.8	15
1307	Nonconvex dictionary learning based visual tracking method. Signal Processing, 2020, 172, 107535.	3.7	6
1308	Learning reliable-spatial and spatial-variation regularization correlation filters for visual tracking. Image and Vision Computing, 2020, 94, 103869.	4.5	7
1309	Realâ€time leastâ€squares ensemble visual tracking. IET Image Processing, 2020, 14, 53-61.	2.5	1
1310	A Fast Filtering Mechanism to Improve Efficiency of Large-Scale Video Analytics. IEEE Transactions on Computers, 2020, 69, 914-928.	3.4	14
1311	Multiresolution Multimodal Sensor Fusion for Remote Sensing Data With Label Uncertainty. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2755-2769.	6.3	18
1312	Real Time Object Tracking for Intelligent Vehicle. , 2020, , .		22
1313	A Robust Tracking-by-Detection Algorithm Using Adaptive Accumulated Frame Differencing and Corner Features. Journal of Imaging, 2020, 6, 25.	3.0	7
1314	Multiple-instance learning via multiple-point concept based instance selection. International Journal of Machine Learning and Cybernetics, 2020, 11, 2113-2126.	3.6	3
1315	Two motion models for improving video object tracking performance. Computer Vision and Image Understanding, 2020, 195, 102951.	4.7	5
1316	Convolutional Features Combining SL(3) Group for Visual Tracking. IEEE Access, 2020, 8, 61096-61106.	4.2	1
1317	Real-time visual tracking via multi-cue based adaptive particle filter framework. Multimedia Tools and Applications, 2020, 79, 20639-20663.	3.9	12
1318	An accelerator for online SVM based on the fixed-size KKT window. Engineering Applications of Artificial Intelligence, 2020, 92, 103637.	8.1	11
1319	Robust visual tracking by embedding combination and weighted-gradient optimization. Pattern Recognition, 2020, 104, 107339.	8.1	3
1320	A Novel Attribute-Based Symmetric Multiple Instance Learning for Histopathological Image Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 3125-3136.	8.9	13
1321	A target response adaptive correlation filter tracker with spatial attention. Multimedia Tools and Applications, 2020, 79, 20521-20543.	3.9	3
1322	Parallel tracking and detection for long-term object tracking. International Journal of Advanced Robotic Systems, 2020, 17, 172988142090257.	2.1	1
1323	Feature Alignment and Aggregation Siamese Networks for Fast Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1296-1307.	8.3	29

#	Article	IF	CITATIONS
1324	A Bottom-Up and Top-Down Integration Framework for Online Object Tracking. IEEE Transactions on Multimedia, 2021, 23, 105-119.	7.2	7
1326	Multiple Instance Models Regression for Robust Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1125-1137.	8.3	3
1327	Improved MDNet tracking with fast feature extraction and efficient multiple domain training. Signal, Image and Video Processing, 2021, 15, 121-128.	2.7	1
1328	Location-Aware and Regularization-Adaptive Correlation Filters for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2430-2442.	11.3	10
1329	Ear tracking via Siamese hierarchical refinement network for local active noise control. Journal of Real-Time Image Processing, 2021, 18, 635-646.	3.5	0
1330	Automatic laser profile recognition and fast tracking for structured light measurement using deep learning and template matching. Measurement: Journal of the International Measurement Confederation, 2021, 169, 108362.	5.0	90
1331	Visual tracking using convolutional features with sparse coding. Artificial Intelligence Review, 2021, 54, 3349-3360.	15.7	3
1335	Tracking Neutrophil Migration in Zebrafish Model Using Multi-Channel Feature Learning. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1197-1205.	6.3	5
1336	Adaptive Region Proposal With Channel Regularization for Robust Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1268-1282.	8.3	60
1337	Underground Coal Mine Target Tracking via Multi-Feature Joint Sparse Representation. Journal of Computer and Communications, 2021, 09, 118-132.	0.9	0
1338	Siamese Fully Convolutional Tracker with Motion Correction. , 2021, , .		0
1339	Improved fast compressive tracking for low-altitude flying target tracking. Multimedia Tools and Applications, 2021, 80, 11239-11254.	3.9	4
1340	Moving Object Tracking via 3-D Total Variation in Remote-Sensing Videos. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
1341	Deep Learning Models for Gastric Signet Ring Cell Carcinoma Classification in Whole Slide Images. Technology in Cancer Research and Treatment, 2021, 20, 153303382110279.	1.9	25
1342	Combining Siamese Network and Correlation Filter for Complementary Object Tracking. Lecture Notes in Computer Science, 2021, , 145-157.	1.3	0
1343	Analysis of the Dynamical Biological Objects of Optical Microscopy. Pattern Recognition and Image Analysis, 2021, 31, 172-184.	1.0	1
1344	Dynamic Particle Filter Framework for Robust Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3735-3748.	8.3	5
1345	An Hybrid CPU-GPU Parallel Multi-tracking Framework for Long-Term Video Sequences. Communications in Computer and Information Science, 2021, , 263-274.	0.5	0

#	Article	IF	Citations
1346	Multi-Model and Multi-Expert Correlation Filter for High-Speed Tracking. IEEE Access, 2021, 9, 52326-52335.	4.2	3
1347	Occluded object tracking using object-background prototypes and particle filter. Applied Intelligence, 2021, 51, 5259-5279.	5.3	7
1348	Learning Recurrent Memory Activation Networks for Visual Tracking. IEEE Transactions on Image Processing, 2021, 30, 725-738.	9.8	6
1349	A Robust Object Tracking Method for Surveillance Applications to Handle Occlusion. International Journal of Computer Theory and Engineering, 2021, 13, 9-16.	3.4	4
1350	Introduction of Cognition Science. Research on Intelligent Manufacturing, 2021, , 1-15.	0.3	0
1351	Vision-Based Human Detection Techniques: A Descriptive Review. IEEE Access, 2021, 9, 42724-42761.	4.2	12
1352	Robust Visual Tracking via Multitask Sparse Correlation Filters Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 502-515.	11.3	3
1353	A Robust Deep Affinity Network for Multiple Ship Tracking. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-20.	4.7	5
1354	RGBT Tracking via Noise-Robust Cross-Modal Ranking. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5019-5031.	11.3	7
1356	A real-time object tracking algorithm based on dual feature model kernel correlation filtering. Multimedia Tools and Applications, 0, , 1.	3.9	0
1357	Real-time object tracking based on sparse representation and adaptive particle drawing. Visual Computer, 2022, 38, 849-869.	3.5	5
1358	Intelligent Target Visual Tracking and Control Strategy for Open Frame Underwater Vehicles. Robotica, 2021, 39, 1791-1805.	1.9	6
1359	Learning Local–Global Multiple Correlation Filters for Robust Visual Tracking with Kalman Filter Redetection. Sensors, 2021, 21, 1129.	3.8	48
1360	Generalized Intersection over Union Based Online Weighted Multiple Instance Learning Algorithm for Object Tracking. , 2021, , .		1
1361	Adaptive Channel Selection for Robust Visual Object Tracking with Discriminative Correlation Filters. International Journal of Computer Vision, 2021, 129, 1359-1375.	15.6	52
1362	Visual Object Tracking and Servoing Control of a Nano-Scale Quadrotor: System, Algorithms, and Experiments. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 344-360.	13.1	20
1363	A motion parameters estimating method based on deep learning for visual blurred object tracking. IET lmage Processing, 2021, 15, 2213-2226.	2.5	1
1364	Research on Target Tracking Algorithm Based on Siamese Neural Network. Mobile Information Systems, 2021, 2021, 1-11.	0.6	10

#	Article	IF	CITATIONS
1365	Advances in Deep Learning Methods for Visual Tracking: Literature Review and Fundamentals. International Journal of Automation and Computing, 2021, 18, 311-333.	4.5	12
1367	Design and Experimental Characterization of a Discovery and Tracking System for Optical Camera Communications. Sensors, 2021, 21, 2925.	3.8	4
1368	New performance measures for object tracking under complex environments. Multimedia Systems, 0, , 1.	4.7	0
1369	Enterprise technology innovation and production performance based on machine learning and IoT artificial intelligence system. Journal of Ambient Intelligence and Humanized Computing, 0 , 1 .	4.9	2
1370	Research on target tracking algorithm based on information entropy feature selection and example weighting. Journal of Physics: Conference Series, 2021, 1848, 012028.	0.4	0
1371	JROTM: Jointly reinforced object tracking with temporal content reference and motion guidance. Neurocomputing, 2021, 434, 285-294.	5.9	1
1372	A Hybrid Visual Tracking Algorithm Based on SOM Network and Correlation Filter. Sensors, 2021, 21, 2864.	3.8	1
1373	Long-Term Visual Tracking of an Unmanned Surface Vehicle in Complex Environment Based on Adaptive Multi-Feature Fusion with Correlation Filtering. , 2021, , .		0
1374	Adaptive fast scale estimation, with accurate online model update based on kernelized correlation filter. Machine Vision and Applications, 2021, 32, 1.	2.7	1
1375	AMTSet: a benchmark for abrupt motion tracking. Multimedia Tools and Applications, 0 , , 1 .	3.9	1
1376	Rotation adaptive correlation filter for moving object tracking in satellite videos. Neurocomputing, 2021, 438, 94-106.	5.9	28
1377	Object Tracking in Satellite Videos Based on Improved Correlation Filters. , 2021, , .		1
1378	Enriched recognition and monitoring algorithm for private cloud data centre. Soft Computing, 0 , , 1 .	3.6	6
1379	A Parallel Optimization Method for KCF based on Inter-core Communication of Multi-core DSP. , 2021, , .		0
1380	Infrared target tracking based on proximal robust principal component analysis method. Applied Intelligence, $0, 1$.	5.3	4
1381	Egocentric-View Fingertip Detection for Air Writing Based on Convolutional Neural Networks. Sensors, 2021, 21, 4382.	3.8	4
1382	Spatial-temporal Regularized Multi-modality Correlation Filters for Tracking with Re-detection. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-16.	4.3	7
1383	Enhancing spatial perception through sound: mapping human movements into MIDI. Multimedia Tools and Applications, 2022, 81, 73-94.	3.9	8

#	Article	IF	CITATIONS
1384	Multi-Object Recognition and Tracking with Automated Image Annotation for Big Data Based Video Surveillance. , 2021 , , .		0
1385	Efficient Parameter Based Online Object Tracking. , 2021, , .		1
1386	Extracting Key Traffic Parameters from UAV Video with On-Board Vehicle Data Validation. Sensors, 2021, 21, 5620.	3.8	7
1387	Visual object tracking using similarity transformation and adaptive optical flow. Multimedia Tools and Applications, 2021, 80, 33455-33473.	3.9	8
1388	Structured object tracking with discriminative patch attributed relational graph. Knowledge-Based Systems, 2021, 225, 107097.	7.1	1
1389	Multiple object tracking in color scenes using composite-matched filtering with complex constrains., 2021,,.		0
1390	Structure-sensitive graph-based multiple-instance semi-supervised learning. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	1.3	1
1391	Visual Object Tracking Method of Spatio-temporal Context Learning with Scale Variation. IFMBE Proceedings, 2022, , 733-742.	0.3	0
1392	Evolutionary multiple instance boosting framework for weakly supervised learning. Complex & Intelligent Systems, 2022, 8, 3131-3141.	6.5	1
1393	Tracking based on scale-estimated deep networks with hierarchical correlation ensembling for cross-media understanding. Displays, 2021, 69, 102055.	3.7	4
1394	An overview of complex data stream ensemble classification. Journal of Intelligent and Fuzzy Systems, 2021, 41, 3667-3695.	1.4	6
1395	Optical Tracking System for Multi-UAV Clustering. IEEE Sensors Journal, 2021, 21, 19382-19394.	4.7	4
1396	Adaptive Spatial-Temporal Regularization for Correlation Filters Based Visual Object Tracking. Symmetry, 2021, 13, 1665.	2.2	2
1397	Visual Object Tracking with Online Updating for Car Sharing Services. Journal of Advanced Transportation, 2021, 2021, 1-9.	1.7	0
1398	Effective multiple pedestrian tracking system in video surveillance with monocular stationary camera. Expert Systems With Applications, 2021, 178, 114992.	7.6	7
1399	Development of a Peripheral–Central Vision System for Small Unmanned Aircraft Tracking. Journal of Aerospace Information Systems, 2021, 18, 645-658.	1.4	3
1400	Robust visual object tracking using context-based spatial variation via multi-feature fusion. Information Sciences, 2021, 577, 467-482.	6.9	19
1401	Subspace reconstruction based correlation filter for object tracking. Computer Vision and Image Understanding, 2021, 212, 103272.	4.7	3

#	Article	IF	CITATIONS
1402	Online dual dictionary learning for visual object tracking. Journal of Ambient Intelligence and Humanized Computing, 0 , , 1 .	4.9	2
1403	Adaptive Fusion CNN Features for RGBT Object Tracking. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7831-7840.	8.0	13
1404	Remote Sensing Object Tracking With Deep Reinforcement Learning Under Occlusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	14
1405	Correlation Filters for Unmanned Aerial Vehicle-Based Aerial Tracking: A Review and Experimental Evaluation. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 125-160.	9.6	45
1407	Small Object Recognition Based on the Generative Adversarial Network and Multi-instance Learning. Lecture Notes in Computer Science, 2021, , 475-483.	1.3	0
1408	Human Short Long-Term Cognitive Memory Mechanism for Visual Monitoring in IoT-Assisted Smart Cities. IEEE Internet of Things Journal, 2022, 9, 7128-7139.	8.7	61
1409	Realâ€time longâ€term tracking with reliability assessment and object recovery. IET Image Processing, 2021, 15, 918-935.	2.5	0
1411	On the Use of Deep Reinforcement Learning for Visual Tracking: A Survey. IEEE Access, 2021, 9, 120880-120900.	4.2	4
1412	MAT: Multianchor Visual Tracking With Selective Search Region. IEEE Transactions on Cybernetics, 2022, 52, 7136-7150.	9.5	3
1413	Meta-tracker: Fast and Robust Online Adaptation for Visual Object Trackers. Lecture Notes in Computer Science, 2018, , 587-604.	1.3	103
1414	Long-Term Visual Object Tracking Benchmark. Lecture Notes in Computer Science, 2019, , 629-645.	1.3	15
1415	Applying GA as Autonomous Landing Methodology to a Computer-Simulated UAV. Studies in Computational Intelligence, 2020, , 49-63.	0.9	1
1416	Robust Foreground Detection Using Smoothness and Arbitrariness Constraints. Lecture Notes in Computer Science, 2014, , 535-550.	1.3	39
1417	Visual Tracking by Sampling Tree-Structured Graphical Models. Lecture Notes in Computer Science, 2014, , 1-16.	1.3	12
1418	Crowd Tracking with Dynamic Evolution of Group Structures. Lecture Notes in Computer Science, 2014, , 139-154.	1.3	26
1419	Tracking Using Multilevel Quantizations. Lecture Notes in Computer Science, 2014, , 155-171.	1.3	40
1420	Occlusion and Motion Reasoning for Long-Term Tracking. Lecture Notes in Computer Science, 2014, , 172-187.	1.3	46
1421	MEEM: Robust Tracking via Multiple Experts Using Entropy Minimization. Lecture Notes in Computer Science, 2014, , 188-203.	1.3	644

#	Article	IF	CITATIONS
1422	Monocular Multiview Object Tracking with 3D Aspect Parts. Lecture Notes in Computer Science, 2014, , 220-235.	1.3	18
1423	Efficient Image and Video Co-localization with Frank-Wolfe Algorithm. Lecture Notes in Computer Science, 2014, , 253-268.	1.3	81
1424	Fast Visual Tracking via Dense Spatio-temporal Context Learning. Lecture Notes in Computer Science, 2014, , 127-141.	1.3	413
1425	SETh: The Method for Long-Term Object Tracking. Lecture Notes in Computer Science, 2014, , 302-315.	1.3	22
1427	The Visual Object Tracking VOT2014 Challenge Results. Lecture Notes in Computer Science, 2015, , 191-217.	1.3	136
1428	Clustering Local Motion Estimates for Robust and Efficient Object Tracking. Lecture Notes in Computer Science, 2015, , 244-253.	1.3	16
1429	A Scale Adaptive Kernel Correlation Filter Tracker with Feature Integration. Lecture Notes in Computer Science, 2015, , 254-265.	1.3	555
1430	Robust Online Visual Tracking with a Single Convolutional Neural Network. Lecture Notes in Computer Science, 2015, , 194-209.	1.3	32
1433	2D or Not 2D: Bridging the Gap Between Tracking and Structure from Motion. Lecture Notes in Computer Science, 2015, , 642-658.	1.3	10
1434	High-Speed Hand Tracking for Studying Human-Computer Interaction. Lecture Notes in Computer Science, 2015, , 130-141.	1.3	6
1436	Multiple Instance Learning., 2016,, 17-33.		16
1437	Mixing Hough and Color Histogram Models for Accurate Real-Time Object Tracking. Lecture Notes in Computer Science, 2017, , 43-54.	1.3	3
1438	Online Vehicle Tracking in Aerial Imagery. Lecture Notes in Computer Science, 2017, , 335-345.	1.3	2
1439	A System for Autonomous Landing of a UAV onÂa Moving Vehicle. Lecture Notes in Computer Science, 2017, , 129-139.	1.3	11
1440	Robust Visual Tracking via Occlusion Detection Based on Depth-Layer Information. Lecture Notes in Computer Science, 2017, , 44-53.	1.3	6
1441	Exploiting the Circulant Structure of Tracking-by-Detection with Kernels. Lecture Notes in Computer Science, 2012, , 702-715.	1.3	1,278
1442	Salient Instance Selection for Multiple-Instance Learning. Lecture Notes in Computer Science, 2012, , 58-67.	1.3	2
1443	Structured Visual Tracking with Dynamic Graph. Lecture Notes in Computer Science, 2013, , 86-97.	1.3	17

#	Article	IF	CITATIONS
1444	Robust Multiple-Instance Learning with Superbags. Lecture Notes in Computer Science, 2013, , 242-255.	1.3	4
1446	Ambulanceye – The Future of Medical Rescues. Communications in Computer and Information Science, 2017, , 606-615.	0.5	1
1447	The Vision–Brain Hypothesis. Research on Intelligent Manufacturing, 2020, , 17-39.	0.3	2
1448	Visual tracking via robust multi-task multi-feature joint sparse representation. , 2018, 77, 31447.		1
1449	Real-time classification for autonomous drowsiness detection using eye aspect ratio. Expert Systems With Applications, 2020, 158, 113505.	7.6	82
1450	Robust discriminative tracking via structured prior regularization. Image and Vision Computing, 2018, 69, 68-80.	4.5	3
1451	Dualâ€scale weighted structural local sparse appearance model for object tracking. IET Computer Vision, 2019, 13, 146-156.	2.0	4
1452	A Visual Object Tracking Algorithm Based on Dynamics Pattern and Convolutional Feature. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2019, 37, 1310-1319.	0.5	1
1453	Accurate Screening of COVID-19 Using Attention-Based Deep 3D Multiple Instance Learning. IEEE Transactions on Medical Imaging, 2020, 39, 2584-2594.	8.9	236
1454	Deep Object Tracking with Shrinkage Loss. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	13.9	41
1455	Improved compressive tracking based on pixelwise learner. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
1456	Robust visual tracking based on deep convolutional neural networks and kernelized correlation filters. Journal of Electronic Imaging, 2018, 27, 1.	0.9	8
1457	Correlation filter-based visual tracking via holistic and reliable local parts. Journal of Electronic Imaging, 2019, 28, 1.	0.9	4
1458	Learning large margin support correlation filter for visual tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	2
1459	Multiple-instance ensemble learning for hyperspectral images. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	7
1460	A convolutional neural network based 3D ball tracking by detection in soccer videos. , 2019, , .		1
1461	An enhanced particle swarm optimization with distribution fields appearance model for object tracking. International Journal of Wavelets, Multiresolution and Information Processing, 2021, 19, 2050065.	1.3	1
1462	Object Trajectory Proposal via Hierarchical Volume Grouping. , 2018, , .		4

#	Article	IF	Citations
1463	MFCFSiam: A Correlation-Filter-Guided Siamese Network with Multifeature for Visual Tracking. Wireless Communications and Mobile Computing, 2020, 2020, 1-19.	1.2	2
1464	A New Method for Ball Tracking Based on $\hat{l}\pm\hat{l}^2$, Linear Kalman and Extended Kalman Filters Via Bubble Sort Algorithm. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 989.	0.8	2
1465	A Robust Online Learning Method for Object Tracking. Journal of Information and Computational Science, 2015, 12, 1391-1397.	0.1	1
1466	Robust Inland Waterway Ship Tracking via Orthogonal Particle Filter-based Predator. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2014, 7, 125-136.	0.2	1
1467	An End-to-End Deep Framework for Answer Triggering with a Novel Group-Level Objective. , 2017, , .		8
1468	Collective Entity Disambiguation with Structured Gradient Tree Boosting. , 2018, , .		17
1469	Object Tracking in Occlusion and Contrast Conditions using Patch-wise Sparse Method. International Journal of Intelligent Engineering and Systems, 2020, 13, 295-306.	0.6	2
1470	Video Analysis Technologies in Sports Broadcast Programs. Journal of the Japan Society for Precision Engineering, 2018, 84, 949-952.	0.1	2
1471	S-MART: Novel Tree-based Structured Learning Algorithms Applied to Tweet Entity Linking. , 2015, , .		63
1472	Visual Object Detection and Tracking using Analytical Learning Approach of Validity Level. Intelligent Automation and Soft Computing, 0, , -1-1.	2.1	5
1473	FIRE: Fundus Image Registration dataset. Journal for Modeling in Ophthalmology, 2017, 1, 16-28.	0.1	57
1474	Convolutional Neural Network with Particle Filter Approach for Visual Tracking. KSII Transactions on Internet and Information Systems, 2018, 12, .	0.3	2
1476	Visual Tracking with Multilevel Sparse Representation and Metric Learning. Journal of Information Technology Research, 2018, 11, 1-12.	0.5	2
1477	Object Tracking Approach based on Mean Shift Algorithm. Journal of Multimedia, 2013, 8, .	0.3	3
1478	A Fast-Multiplying PSO Algorithm for Real-Time Multiple Object Tracking. International Journal of Computer Applications, 2012, 60, 1-6.	0.2	4
1479	Merging Pose Estimates Across Space and Time. , 2013, , .		21
1480	Online Motion Agreement Tracking. , 2013, , .		25
1481	Incremental Domain Adaptation of Deformable Part-based Models. , 2014, , .		27

#	Article	IF	CITATIONS
1482	Learn++ for Robust Object Tracking. , 2014, , .		4
1483	Multiple Instance Mamdani Fuzzy Inference. International Journal of Fuzzy Logic and Intelligent Systems, 2015, 15, 217-231.	1.1	5
1484	Analysing Large Repositories of Medical Images. Lecture Notes in Computer Science, 2021, , 179-193.	1.3	2
1485	Online Recommendation-based Convolutional Features for Scale-Aware Visual Tracking., 2021,,.		3
1486	Iterative Appearance Learning with Online Multiple Instance Learning. Lecture Notes in Computer Science, 2012, , 300-308.	1.3	0
1487	Structured Learning for Multiple Object Tracking. , 2012, , .		4
1488	Multiple Faces Tracking via Statistical Appearance Model. Lecture Notes in Electrical Engineering, 2013, , 459-468.	0.4	0
1489	Online Web-Data-Driven Segmentation of Selected Moving Objects in Videos. Lecture Notes in Computer Science, 2013, , 134-146.	1.3	O
1490	Using Similarity between Paired Instances to Improve Multiple-Instance Learning via Embedded Instance Selection. Lecture Notes in Computer Science, 2013, , 352-359.	1.3	0
1492	Navigation toward Non-static Target Object Using Footprint Detection Based Tracking. Lecture Notes in Computer Science, 2013, , 389-400.	1.3	2
1493	Haar-Like Feature Based On-Line Boosting Tracking Algorithm with Directional Texture Entropy. Lecture Notes in Computer Science, 2013, , 538-549.	1.3	2
1494	Hough-Based Tracking of Deformable Objects. , 2013, , 159-173.		1
1495	Salience-Based Prototype Selection for K-Nearest Neighbor Classification in Multiple-Instance Learning. Lecture Notes in Computer Science, 2013, , 40-47.	1.3	0
1496	A Novel Moving Objects Detection Model Based on Images Registration within Sliding Time Windows. Communications in Computer and Information Science, 2013, , 182-191.	0.5	0
1497	A fast on-line boosting tracking algorithm based on cascade filter of multi-features. , 0, , .		0
1498	MISUP: Multiple-Instance Learning via Immunological Suppression Mechanism. Lecture Notes in Computer Science, 2013, , 27-34.	1.3	0
1499	Real-Time Visual Tracking Based on an Appearance Model and a Motion Mode. Lecture Notes in Computer Science, 2013, , 533-540.	1.3	0
1500	Can Diversity amongst Learners Improve Online Object Tracking?. Lecture Notes in Computer Science, 2013, , 212-223.	1.3	6

#	Article	IF	CITATIONS
1501	Visual Tracking Using Superpixel-Based Appearance Model. Lecture Notes in Computer Science, 2013, , 213-222.	1.3	3
1502	Probabilistic Cue Integration for Real-Time Object Pose Tracking. Lecture Notes in Computer Science, 2013, , 254-263.	1.3	1
1503	Weakly Supervised Compressive Tracking with Effective Prediction Model. Lecture Notes in Computer Science, 2013, , 791-802.	1.3	1
1504	Robust Object Tracking Based on ORB Features and Particle Filter. Journal of Information and Computational Science, 2013, 10, 1641-1649.	0.1	0
1505	Multimodal Mixed Conditional Random Field Model for Category-Independent Object Detection. Advances in Intelligent Systems and Computing, 2014, , 629-641.	0.6	1
1506	Object Tracking Based on Online Classification Boosted by Discriminative Features. International Journal of Energy Information and Communications, 2013, 4, 9-20.	0.1	0
1507	Robust Appearance Learning for Object Tracking in Challenging Scenes. Communications in Computer and Information Science, 2014, , 218-227.	0.5	0
1508	Exploiting Crowd Synthesis for Multi-camera Human Tracking. , 2014, , 283-298.		0
1509	Discriminative Metric Learning for Shape Variation Object Tracking. Lecture Notes in Computer Science, 2014, , 320-332.	1.3	0
1510	Visual Tracking with Weighted Online Feature Selection. Communications in Computer and Information Science, 2014, , 168-182.	0.5	0
1511	Visual Tracking via Sparse Representation and Online Dictionary Learning. Lecture Notes in Computer Science, 2014, , 87-103.	1.3	1
1512	Real-Time Compressive Tracking with a Particle Filter Framework. Lecture Notes in Computer Science, 2014, , 242-249.	1.3	1
1513	A Tracking Method with Structural Local Mean and Local Standard Deviation Appearance Model. Communications in Computer and Information Science, 2014, , 355-362.	0.5	0
1514	Scale-Adaptive Object Tracking with Diverse Ensembles. Lecture Notes in Computer Science, 2014, , 639-646.	1.3	0
1516	Robust Scale-Invariant Object Tracking. Advances in Intelligent Systems and Computing, 2014, , 715-724.	0.6	0
1517	Robust visual tracking algorithm based on bidirectional sparse representation. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 234201.	0.5	1
1518	Haar-Like and HOG Fusion Based Object Tracking. Lecture Notes in Computer Science, 2014, , 173-182.	1.3	5
1520	Research on weighted naive Bayesian classifier in discriminative tracking., 0, , .		1

#	Article	IF	CITATIONS
1521	Visual Tracking Based on Particle Filter and Weighted Multiple Instance Learning. Journal of Information and Computational Science, 2014, 11, 1659-1666.	0.1	0
1522	3D-MRF BASED VIDEO TRACKING IN THE COMPRESSED DOMAIN. International Journal of Research in Engineering and Technology, 2014, 03, 304-307.	0.1	O
1523	Object Tracking via Tensor Kernel Space Projection. Journal of Computers, 2014, 9, .	0.4	0
1524	A Study on Nonlinear Classifier-Based Moving Object Tracking. Advances in Intelligent Systems and Computing, 2015, , 571-578.	0.6	1
1525	Multiple-instance learning with pairwise instance similarity. International Journal of Applied Mathematics and Computer Science, 2014, 24, 567-577.	1.5	0
1526	Fragments-based Object Tracking Using Compressive Sensing. Journal of Information and Computational Science, 2014, 11, 5775-5782.	0.1	0
1527	Classifying Global Scene Context for On-line Multiple Tracker Selection. , 2015, , .		6
1528	Two-Stage Learning to Robust Visual Track via CNNs. Lecture Notes in Computer Science, 2015, , 491-498.	1.3	0
1530	Robust Object Tracking via Multi-block and Sparsity-Based Representation. International Journal of Knowledge Engineering, 2015, 1, 72-77.	0.2	0
1531	Robust and Fast Tracking-Learning-Detection., 0,,.		0
1532	Real-Time Multi-scale Tracking via Online RGB-D Multiple Instance Learning. Journal of Software, 2015, 10, 1235-1244.	0.6	2
1533	Particle dynamics and multi-channel feature dictionaries for robust visual tracking. , 2015, , .		1
1535	Scale and Occlusion Invariant Tracking-by-Detection. Lecture Notes in Computer Science, 2015, , 575-585.	1.3	0
1536	Building an Effective Template Dictionary for Robust Offline Video Tracking. Communications in Computer and Information Science, 2015, , 344-354.	0.5	О
1537	A Hybrid Real-Time Visual Tracking Using Compressive RGB-D Features. Lecture Notes in Computer Science, 2015, , 561-573.	1.3	0
1538	Adaptive Multiple Appearances Model Framework for Long-Term Robust Tracking. Lecture Notes in Computer Science, 2015, , 160-170.	1.3	2
1539	Boosting-Based Visual Tracking Using Structural Local Sparse Descriptors. Lecture Notes in Computer Science, 2015, , 522-533.	1.3	0
1540	Object Tracking via Combining Discriminative Global and Generative Local Models. Lecture Notes in Computer Science, 2015, , 570-579.	1.3	O

#	Article	IF	CITATIONS
1541	Compressive Tracking Based on Particle Filter. Communications in Computer and Information Science, 2015, , 220-229.	0.5	0
1542	Blur-Resilient Tracking Using Group Sparsity. Lecture Notes in Computer Science, 2015, , 131-145.	1.3	7
1544	Visual Tracking by Assembling Multiple Correlation Filters. Lecture Notes in Computer Science, 2015, , 310-320.	1.3	0
1545	Object Tracking with Multiple Instance Learning and Gaussian Mixture Model. Journal of Information and Computational Science, 2015, 12, 4465-4477.	0.1	1
1546	Saliency Map for Object Tracking. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2015, 8, 233-240.	0.2	0
1548	POSE-VIWEPOINT ADAPTIVE OBJECT TRACKING VIA ONLINE LEARNING APPROACH. International Journal of Advanced Smart Convergence, 2015, 4, 20-28.	0.0	0
1549	Classification-Driven Video Analytics for Critical Infrastructure Protection. Studies in Computational Intelligence, 2016, , 45-69.	0.9	1
1550	Visual Tracking with Online Incremental Deep Learning and Particle Filter. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2015, 8, 107-120.	0.2	2
1552	Online Adaptive Multiple Appearances Model for Long-Term Tracking. Communications in Computer and Information Science, 2016, , 501-516.	0.5	0
1553	Implementation of Small Target Tracking based on C-STC with multi-core DSP. , 0, , .		0
1554	2D Part-Based Visual Tracking of Hydraulic Excavators. World Journal of Engineering and Technology, 2016, 04, 101-111.	0.5	0
1555	Real-Time Object Tracking Using Dynamic Measurement Matrix. Communications in Computer and Information Science, 2016, , 426-436.	0.5	0
1556	Set to Set Visual Tracking. Lecture Notes in Computer Science, 2016, , 700-712.	1.3	0
1557	Process Monitoring in the Intensive Care Unit: Assessing Patient Mobility Through Activity Analysis with a Non-Invasive Mobility Sensor. Lecture Notes in Computer Science, 2016, 9900, 482-490.	1.3	4
1558	Visual Tracking by Local Superpixel Matching with Markov Random Field. Lecture Notes in Computer Science, 2016, , 1-10.	1.3	3
1559	Compressive Tracking via Weighted Classification Boosted by Feature Selection. Lecture Notes in Electrical Engineering, 2016, , 137-145.	0.4	1
1560	Structured Degradation Model for Object Tracking in Non-uniform Degraded Videos. Communications in Computer and Information Science, 2016, , 345-355.	0.5	1
1561	Face Detection Using the Theory of Evidence. , 2016, , 181-216.		0

#	ARTICLE	IF	CITATIONS
1562	An Efficient Object Tracking Method on Quad-/Oc-Trees. PLoS ONE, 2016, 11, e0150889.	2.5	0
1563	Multi-object Tracking in Aerial Image Sequences using Aerial Tracking Learning and Detection Algorithm. Defence Science Journal, 2016, 66, 122.	0.8	10
1564	Robust and Fast Tracking via Joint Collaborative Representation. International Journal of Hybrid Information Technology, 2016, 9, 375-382.	0.6	1
1565	Detection, Tracking of the Dynamic Foreground in Complex Videos and Background Subtraction using Low Rank. International Journal of Engineering Research & Technology, 2016, V5, .	0.2	0
1566	Object tracking by transitive learning using perspective transformation. Proceedings of SPIE, 2016, , .	0.8	0
1567	A Long-term Tracking Model Based on Tracking Failure Detection Strategy and Weighted Random Forest. DEStech Transactions on Engineering and Technology Research, 2016, , .	0.0	1
1568	Object Tracking Based on Multi-modality Dictionary Learning. Lecture Notes in Computer Science, 2017, , 129-138.	1.3	0
1569	Hierarchical Convolutional Features forÂLong-Term Correlation Tracking. Communications in Computer and Information Science, 2017, , 677-686.	0.5	1
1570	Object Tracking Using Deep Convolutional Neural Networks and Visual Appearance Models. Lecture Notes in Computer Science, 2017, , 114-125.	1.3	1
1571	Object Tracking Based on Mean Shift Algorithm and Kernelized Correlation Filter Algorithm. Lecture Notes in Computer Science, 2017, , 54-64.	1.3	0
1572	An Integrated Learning Framework for Pedestrian Tracking. Lecture Notes in Computer Science, 2017, , 95-106.	1.3	0
1573	Multi-Instance Dynamic Ordinal Random Fields for Weakly-Supervised Pain Intensity Estimation. Lecture Notes in Computer Science, 2017, , 171-186.	1.3	1
1574	Adaptive Learning Compressive Tracking Based on Kalman Filter. Lecture Notes in Computer Science, 2017, , 243-253.	1.3	0
1575	Adaptive Patch Quantization forÂHistogram-Based Visual Tracking. Lecture Notes in Computer Science, 2017, , 38-50.	1.3	0
1576	Model-Free Multiple Object Tracking with Shared Proposals. Lecture Notes in Computer Science, 2017, , 288-304.	1.3	2
1577	Statistical Degradation Analysis for Real-Time Tracking in Severely Degraded Videos. Communications in Computer and Information Science, 2017, , 419-429.	0.5	0
1578	Tracking Moving Objects in Video. Journal of Computers, 2017, , 221-229.	0.4	1
1579	Robust Visual Tracking by Hierarchical Convolutional Features and Historical Context. Lecture Notes in Computer Science, 2017, , 425-434.	1.3	0

#	ARTICLE	IF	CITATIONS
1580	A Robust Visual Tracking Method through Deep Learning Features. DEStech Transactions on Computer Science and Engineering, 2017, , .	0.1	0
1581	A Effective Online Training Algorithm by Partitioning Bounding Box for Visual Object Tracking Using Convolutional Neural Network. The Journal of Korean Institute of Communications and Information Sciences, 2017, 42, 1117-1128.	0.1	1
1582	Object Tracking Using On-line Distance Metric Learning. , 2017, , .		0
1583	Object tracking by transitive learning using perspective transformation with asymptotic stability. Journal of Applied Remote Sensing, 2017, 11 , 1 .	1.3	2
1584	Real-time heart rate measurement for multi-people using compressive tracking. , 2017, , .		1
1585	Robust visual object tracking with interleaved segmentation. , 2017, , .		0
1586	Regularized Kernel Representation for Visual Tracking. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 668-677.	0.3	0
1588	Multiple Centroid-Based Multi-Object Tracking by Decision Making. , 2018, , .		1
1589	Detecting and Tracking Segmentation of Moving Objects Using Graph Cut Algorithm. Advances in Multimedia and Interactive Technologies Book Series, 2018, , 177-192.	0.2	1
1590	Simultaneous Visual Recognition and Tracking Based on Joint Decision and Estimation. Information Fusion and Data Science, 2018, , 187-207.	0.3	O
1591	A Real-Time Compressive Tracking System for Amphibious Spherical Robots. Advances in Computational Intelligence and Robotics Book Series, 2018, , 390-409.	0.4	0
1592	Accurate Scale-Variable Tracking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 40-48.	0.3	O
1593	An Adaptive Multi-scale Tracking Method Based on Kernelized Correlation Filter. Communications in Computer and Information Science, 2018, , 429-439.	0.5	0
1594	Incremental Visual Tracking with I1 Norm Approximation and Grassmann Update. Information Fusion and Data Science, 2018, , 209-228.	0.3	0
1595	Real-Time RGBD Object Tracking via Collaborative Appearance and Motion Models. Communications in Computer and Information Science, 2018, , 449-460.	0.5	0
1596	Hareketli hedef takip sisteminde genelleştirilmiş Hough dönüşümü (GHT) ve normalleştirilmiş çaj (NCC) yöntemlerini ardışıl kullanarak eşleşme doğruluğunun artırılması. Sakarya University Jou Science, 0, , 1-1.	praz ilinti rnahof	0
1597	Compressed normalized block difference for object tracking., 2018,,.		0
1598	Convolutional features selection for visual tracking. Journal of Electronic Imaging, 2018, 27, 1.	0.9	3

#	ARTICLE	IF	CITATIONS
1599	A novel correlation filter tracking algorithm based on feature integration. , 2018, , .		0
1600	Visual tracker fusion and outlier detection on thermal image sequences. , 2018, , .		3
1601	Object tracking with mask-constrained spatial context. Journal of Electronic Imaging, 2018, 27, 1.	0.9	0
1602	Spatial Context for Correlation Filter Tracking. Advances in Intelligent Systems and Computing, 2019, , 174-181.	0.6	0
1603	Object tracking with mask-constrained spatial context. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
1605	Improved Saliency-Enhanced Multi-cue Correlation-Filter-Based Visual Tracking. Lecture Notes in Computer Science, 2019, , 240-254.	1.3	0
1606	An Adaptive Feature Channel Weighting Scheme for Correlation Tracking. Lecture Notes in Computer Science, 2019, , 168-183.	1.3	2
1607	Relative Similarity Based Online Multiple In-stance Learning Algorithm in Object Track-ing. Computer Science and Application, 2019, 09, 393-405.	0.1	0
1608	A Study of the Region Covariance Descriptor: Impact of Feature Selection and Precise Localization of Target. Advanced Structured Materials, 2019, , 175-182.	0.5	0
1610	Automatic Analysis of Moving Particles by Total Internal Reflection Fluorescence Microscopy. Communications in Computer and Information Science, 2019, , 228-239.	0.5	2
1611	Dictionary Learning and Confidence Map Estimation-Based Tracker for Robot-Assisted Therapy System. Lecture Notes in Computer Science, 2019, , 147-159.	1.3	1
1612	Visual Object Tracking Using Perceptron Forests and Optical Flow. Lecture Notes in Computer Science, 2019, , 525-532.	1.3	0
1613	Introduction to Visual Tracking. , 2019, , 1-10.		1
1614	Kernelized Correlation Filter Target Tracking Algorithm Based on Saliency Feature Selection. Communications in Computer and Information Science, 2019, , 166-178.	0.5	2
1615	Development of tracking system of moving specific person: Following welfare assist robot production. , 2019, , .		0
1616	Visual Analysis of Vehicle Trajectories for Determining Cross-Sectional Load Density. Transactions on Transport Sciences, 2019, 10, 50-57.	0.7	0
1618	An Appearance Model and Feature Selection in Kernelized Correlation Filter Based Visual Object Tracking. Advances in Intelligent Systems and Computing, 2020, , 795-806.	0.6	0
1619	Intelligent Auto Visual Tracking. Smart Innovation, Systems and Technologies, 2020, , 429-438.	0.6	0

#	Article	IF	Citations
1620	Research on Video Target Tracking Algorithm Based on Particle Filter and CNN. Lecture Notes in Electrical Engineering, 2020, , 236-244.	0.4	0
1621	A comparison study of deep visual tracking on infrared imagery in a maritime environment. , 2019, , .		0
1622	DeepTrackNet: Camera Based End to End Deep Learning Framework for Real Time Detection, Localization and Tracking for Autonomous Vehicles. Advances in Intelligent Systems and Computing, 2020, , 299-307.	0.6	3
1623	Kernel Circulant Object Tracking Based on Illumination Invariant Features. Advances in Intelligent Systems and Computing, 2020, , 875-882.	0.6	0
1624	Visual Tracking by Gated PixelCNN Model. , 2019, , .		0
1625	Visual Tracking Applying Depth Spatiogram and Multi-feature Data. , 2019, , .		0
1626	Learning Discriminative Classifier Parameter for Visual Object Tracking by Detection. Lecture Notes in Electrical Engineering, 2020, , 355-369.	0.4	0
1627	Object Tracking at Video. Control Systems and Computers, 2020, , 12-22.	0.1	1
1628	Target tracker with masked discriminative correlation filter. IET Image Processing, 2020, 14, 2227-2234.	2.5	7
1629	Soccer Ball Position Data Set Modelled to Scaled Exponential Distribution. , 2020, , .		0
1630	Distractor-Aware Tracking with Multi-Task and Dynamic Feature Learning. Journal of Circuits, Systems and Computers, 2021, 30, 2150031.	1.5	2
1631	UAV Aerial Photography Target Detection and Tracking Based on Deep Learning. Lecture Notes in Electrical Engineering, 2022, , 426-438.	0.4	0
1632	Scale adaptive region covariance descriptor for visual tracking. IOP Conference Series: Materials Science and Engineering, 0, 932, 012090.	0.6	0
1633	High Speed Tracking with Machine Intelligence. , 2020, , .		3
1634	Bayesian Matrix Factorization for Visual Tracking. , 2020, , .		0
1635	Robust Visual Tracking Via An Imbalance-Elimination Mechanism. , 2020, , .		0
1636	Correlation Filter-Based Visual Tracking Using Confidence Map and Adaptive Model. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2020, E103.A, 1512-1519.	0.3	2
1637	Tracking of Unmanned Aerial Vehicles Using Computer Vision Methods: A Comparative Analysis. Scientific Journal of Polish Naval Academy, 2020, 223, 39-51.	0.2	0

#	ARTICLE	IF	Citations
1638	Learn to Predict Sets Using Feed-Forward Neural Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 9011-9025.	13.9	2
1639	Visual Tracking with Object Center Displacement and CenterNet. International Journal of Computer Vision and Image Processing, 2022, 12, 0-0.	0.4	0
1640	Dual-Awareness Attention for Few-Shot Object Detection. IEEE Transactions on Multimedia, 2023, 25, 291-301.	7.2	28
1641	Robust Long-Term Object Tracking via Improved Discriminative Model Prediction. Lecture Notes in Computer Science, 2020, , 602-617.	1.3	12
1642	Stereo Camera and LIDAR Sensor Fusion-Based Collision Warning System for Autonomous Vehicles. Algorithms for Intelligent Systems, 2020, , 239-252.	0.6	8
1643	Design and Optimization of Evaluation Metrics in Object Detection and Tracking for Low-Altitude Aerial Video. Communications in Computer and Information Science, 2020, , 247-262.	0.5	0
1644	Alleviating Tracking Model Degradation Using Interpolation-Based Progressive Updating. , 2020, , 129-142.		0
1645	The Eighth Visual Object Tracking VOT2020 Challenge Results. Lecture Notes in Computer Science, 2020, , 547-601.	1.3	81
1646	Deep Lesion Tracker: Monitoring Lesions in 4D Longitudinal Imaging Studies., 2021,,.		19
1647	Agent-based Tracking Method Addressing Target Recognition Errors. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 484-491.	0.2	1
1648	Siamese Network with Channel-wise Attention and Multi-scale Fusion for Robust Object Tracking. , 2020, , .		1
1649	Target Tracking Based on SE-CNN and SiameseNet. , 2020, , .		0
1650	Discovering and Tracking-based Detection System for Optical Camera Communication. , 2020, , .		0
1651	Sea Surface Target Tracking Based on Improved KCF Algorithm. , 2020, , .		0
1652	A Novel Hybrid Level Set Model for Non-Rigid Object Contour Tracking. IEEE Transactions on Image Processing, 2022, 31, 15-29.	9.8	3
1653	Hierarchical Active Tracking Control for UAVs via Deep Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 10595.	2.5	7
1654	A Novel Anti-Drift Visual Object Tracking Algorithm Based on Sparse Response and Adaptive Spatial-Temporal Context-Aware. Remote Sensing, 2021, 13, 4672.	4.0	7
1655	Critical Overview of Visual Tracking with Kernel Correlation Filter. Technologies, 2021, 9, 93.	5.1	3

#	Article	IF	CITATIONS
1656	An Adaptive Kernel based Correlation Filter Algorithm for Real Time Object Tracking. , 2020, , .		0
1657	A Spatio-Temporal Context Tracking Method Blended with LBP Texture Feature. , 2020, , .		0
1658	An Implementation of a Robust Visual Object Tracking System. , 2020, , .		0
1659	DR ² Track: Towards Real-Time Visual Tracking for UAV via Distractor Repressed Dynamic Regression., 2020,,.		5
1660	Gibbs Parameter Sampling Algorithm Based on Finite Mixture Model of Random Point Pattern. , 2020, , .		0
1661	A Weak Target Tracking Algorithm Implement on Networked Multi-Agent Control Framework. , 2021, , .		0
1662	Supervised Machine Learning Approaches for Moving Object Tracking: A Survey. SN Computer Science, 2022, 3, .	3.6	1
1663	Response map evaluation for RGBT tracking. Neural Computing and Applications, 2022, 34, 5757-5769.	5.6	5
1664	Multiple Cues-Based Robust Visual Object Tracking Method. Electronics (Switzerland), 2022, 11, 345.	3.1	3
1665	Batch feature standardization network with triplet loss for weakly-supervised video anomaly detection. Image and Vision Computing, 2022, 120, 104397.	4.5	5
1666	REMOT., 2022,,.		3
1667	Target tracking method based on interference detection. IET Image Processing, 0, , .	2.5	2
1668	Recursive Least-Squares Estimator-Aided Online Learning for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, 46, 1881-1897.	13.9	0
1669	Improved Dynamic PPI Network Construction and Application of Data Mining in Computer Artificial Intelligence Systems. Scientific Programming, 2022, 2022, 1-9.	0.7	1
1670	Improved anti-occlusion object tracking algorithm using Unscented Rauch-Tung-Striebel smoother and kernel correlation filter. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 6008-6018.	3.9	53
1671	Target re-location kernel correlation filtered visual tracking with fused deep feature. Multimedia Tools and Applications, 0, , 1.	3.9	0
1672	Evaluation of Tracking Algorithms for Contrast Enhanced Ultrasound Imaging Exploration. , 2022, , .		4
1673	Probabilistic Matrix Factorization for Visual Tracking. Pattern Recognition and Image Analysis, 2022, 32, 57-66.	1.0	0

#	Article	IF	CITATIONS
1674	Deep learning of spatio-temporal information for visual tracking. Multimedia Tools and Applications, 2022, 81, 17283-17302.	3.9	1
1675	Automatic aircraft avoidance for laser uplink safety. , 2022, , .		5
1676	A Smart and Robust Automatic Inspection of Printed Labels Using an Image Hashing Technique. Electronics (Switzerland), 2022, 11, 955.	3.1	3
1677	An adaptive kernelized correlation filters with multiple features in the tracking application. Journal of Visual Communication and Image Representation, 2022, 84, 103484.	2.8	3
1678	Exploring reliable visual tracking via target embedding network. Knowledge-Based Systems, 2022, 244, 108584.	7.1	6
1679	Learning to Track Objects from Unlabeled Videos. , 2021, , .		31
1680	Anti-occlusion and Scale Adaptive Target Tracking Algorithm Based on Kernel Correlation Filter. , 2021, , .		2
1681	Fast Object Tracking Using Micro Aerial Vehicles. , 2021, , .		1
1682	Semi-supervised Graph Instance Transformer for Mental Health Inference. , 2021, , .		10
1683	An experimental study on visual tracking based on deep learning. International Journal of Intelligent Unmanned Systems, 2021, ahead-of-print, .	1.0	0
1684	Co-Saliency Detection Guided by Group Weakly Supervised Learning. IEEE Transactions on Multimedia, 2023, 25, 1810-1818.	7.2	34
1685	Hungarian-Particle Filtering Based Segmentation for On-Road Visual Vehicle Detection and Tracking. , 2022, , .		1
1686	Exploring machine learning: a scientometrics approach using bibliometrix and VOSviewer. SN Applied Sciences, 2022, 4, 143.	2.9	44
1689	Real-Time Tactile Grasp Force Sensing Using Fingernail Imaging via Deep Neural Networks. IEEE Robotics and Automation Letters, 2022, 7, 6558-6565.	5.1	3
1690	Semanticâ€eware spatial regularization correlation filter for visual tracking. IET Computer Vision, 2022, 16, 317-332.	2.0	4
1691	Real-Time and Robust Visual Tracking with Scene-Perceptual Memory. SSRN Electronic Journal, 0, , .	0.4	0
1692	Satellite Video Tracking by Multi-Feature Correlation Filters with Motion Estimation. Remote Sensing, 2022, 14, 2691.	4.0	5
1695	Moving Object Tracking in Satellite Videos by Kernelized Correlation Filter Based on Color-Name Features and Kalman Prediction. Wireless Communications and Mobile Computing, 2022, 2022, 1-16.	1.2	4

#	Article	IF	CITATIONS
1696	Tracking With Mutual Attention Network. IEEE Transactions on Multimedia, 2023, 25, 5330-5343.	7.2	2
1697	Learning Channel-Aware Correlation Filters for Robust Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7843-7857.	8.3	5
1698	Shallow Layer Convolutional Features with Correlation Filters for UAV Object Tracking. Journal of Telecommunications and Information Technology, 2022, 2, 49-57.	0.4	0
1699	Moving Object Detection in Dynamic Environment via Weighted Low-Rank Structured Sparse RPCA and Kalman Filtering. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	0
1700	Visual Object Tracking for Unmanned Aerial Vehicles: A Benchmark and New Motion Models. Proceedings of the AAAI Conference on Artificial Intelligence, 2017, 31, .	4.9	153
1702	Learning Patch-Based Dynamic Graph for Visual Tracking. Proceedings of the AAAI Conference on Artificial Intelligence, 2017, 31, .	4.9	11
1703	Improvement of Kernel Correlation Filtering Algorithm Based on Kalman Filter., 2022,,.		1
1704	Visual object tracking: A survey. Computer Vision and Image Understanding, 2022, 222, 103508.	4.7	27
1705	Robust Collaborative Discriminative Learning for RGB-Infrared Tracking. Proceedings of the AAAI Conference on Artificial Intelligence, 2018, 32, .	4.9	37
1706	Scale space tracker with multiple features. Multimedia Tools and Applications, 0, , .	3.9	O
1707	Robust Correlation Tracking for UAV with Feature Integration and Response Map Enhancement. Remote Sensing, 2022, 14, 4073.	4.0	6
1708	A practical evaluation of correlation filter-based object trackers with new features. PLoS ONE, 2022, 17, e0273022.	2.5	O
1709	Anti-Occlusion Object Tracking Algorithm Based on Filter Prediction. Journal of Shanghai Jiaotong University (Science), 0, , .	0.9	0
1710	Multi-Type Object Tracking Based on Residual Neural Network Model. Symmetry, 2022, 14, 1689.	2.2	7
1711	A learning-based, region of interest-tracking algorithm for catheter detection in echocardiography. Computerized Medical Imaging and Graphics, 2022, 100, 102106.	5.8	0
1712	LiDAR-based detection, tracking, and property estimation: A contemporary review. Neurocomputing, 2022, 506, 393-405.	5.9	10
1713	Few-Shot Class-Incremental Learning by Sampling Multi-Phase Tasks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-16.	13.9	13
1714	Tracker withÂSalient Aware Initialization Module. Lecture Notes in Electrical Engineering, 2022, , 398-404.	0.4	O

#	Article	IF	CITATIONS
1715	OOOE: Only-One-Object-Exists Assumption toÂFind Very Small Objects inÂChest Radiographs. Lecture Notes in Computer Science, 2022, , 139-149.	1.3	0
1716	Improving Embedded Target Tracking Systems Based on Siamese Networks with Infrared Images. , 2022, , .		1
1717	Object Localization under Single Coarse Point Supervision. , 2022, , .		8
1718	A topological solution to object segmentation and tracking. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119 , .	7.1	9
1719	DATaR: depth augmented target redetection using kernelized correlation filter. Multimedia Systems, 0,	4.7	0
1720	Visual Object Tracking with Discriminative Filters and Siamese Networks: A Survey and Outlook. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-20.	13.9	36
1721	Visual servoing control of 4-DOF palletizing robotic arm for vision based sorting robot system. International Journal on Interactive Design and Manufacturing, 2023, 17, 717-728.	2.2	5
1722	Automatic identification and analysis of multi-object cattle rumination based on computer vision. Journal of Animal Science and Technology, 2023, 65, 519-534.	2.5	2
1723	Optimizing Bag Features for Multiple-Instance Retrieval. Proceedings of the AAAI Conference on Artificial Intelligence, 2015, 29, .	4.9	0
1724	5. New Sports Video Expressions Using Visual Object Tracking Technology. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2019, 73, 877-882.	0.1	0
1725	Robust bag classification approach for multi-instance learning via subspace fuzzy clustering. Expert Systems With Applications, 2023, 214, 119113.	7.6	5
1726	Marine Extended Target Tracking for Scanning Radar Data Using Correlation Filter and Bayes Filter Jointly. Remote Sensing, 2022, 14, 5937.	4.0	3
1727	SiamMMF: multi-modal multi-level fusion object tracking based on Siamese networks. Machine Vision and Applications, 2023, 34, .	2.7	2
1728	Using artificial intelligence to quantify dynamic retraction of brain tissue and the manipulation of instruments in neurosurgery. International Journal of Computer Assisted Radiology and Surgery, 2023, 18, 1469-1478.	2.8	3
1729	Adaptive Multi-feature Fusion Improved ECO-HC Image Tracking Algorithm Based on Confidence Judgement for UAV Reconnaissance. , 2022, , .		0
1730	RGBT tracking using randomly projected CNN features. Expert Systems With Applications, 2023, 223, 119865.	7.6	0
1731	Swarm intelligence based object tracking. Multimedia Tools and Applications, 0, , .	3.9	0
1732	MOSPPA: monitoring system for palletised packaging recognition and tracking. International Journal of Advanced Manufacturing Technology, 2023, 126, 179-195.	3.0	1

#	Article	IF	CITATIONS
1733	Centroid-based graph matching networks for planar object tracking. Machine Vision and Applications, 2023, 34, .	2.7	2
1734	Steerable pyramid with subpixel compensation for remotely measuring and magnifying dynamic vibration of moving objects. Measurement: Journal of the International Measurement Confederation, 2023, 211, 112663.	5.0	3
1735	Intelligent Centralized Autonomous System forÂMultiple Mobile Spherical Robots. Lecture Notes in Electrical Engineering, 2023, , 1857-1866.	0.4	0
1736	GSC: A Graph and Spatio-Temporal Continuity Based Framework for Accident Anticipation. IEEE Transactions on Intelligent Vehicles, 2024, 9, 2249-2261.	12.7	3
1737	Triple-kernel gated attention-based multiple instance learning with contrastive learning for medical image analysis. Applied Intelligence, 0, , .	5.3	0
1738	Visual object tracking via adaptive deep feature matching and overlap maximization. Pattern Analysis and Applications, 0, , .	4.6	0
1739	Multi-object tracking for horse racing. Information Sciences, 2023, 638, 118967.	6.9	1
1740	A Reconfigurable Architecture for Real-time Event-based Multi-Object Tracking. ACM Transactions on Reconfigurable Technology and Systems, 2023, 16, 1-26.	2.5	1
1741	Real-time and robust visual tracking with scene-perceptual memory. Journal of Visual Communication and Image Representation, 2023, , 103825.	2.8	0
1742	Computer Vision-Based Tracking of Workers in Construction Sites Based on MDNet. IEICE Transactions on Information and Systems, 2023, E106.D, 653-661.	0.7	1
1743	CX-Net: an efficient ensemble semantic deep neural network for ROI identification from chest-x-ray images for COPD diagnosis. Machine Learning: Science and Technology, 2023, 4, 025021.	5.0	4
1744	Learning spatio-temporal discriminative model for affine subspace based visual object tracking. , 2023, 1, .		8
1745	Eliminating illumination influence via Gaussian-based local sensitive histogram., 2023,,.		0
1746	A Traffic Parameter Extraction Model Using Small Vehicle Detection and Tracking in Low-Brightness Aerial Images. Sustainability, 2023, 15, 8505.	3.2	0
1747	Multiple-Instance Metric Learning Network for Hyperspectral Target Detection. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-16.	6.3	1
1748	Tracking-based vehicle statistic system with feature selection for traffic investigation and control in normal intersection scenes. Multimedia Tools and Applications, 0, , .	3.9	0
1749	Quaternion Wavelet Transform (QWT). Trends in Mathematics, 2023, , 59-106.	0.1	0
1750	Humans as path-finders for mobile robots using teach-by-showing navigation. Autonomous Robots, 0, ,	4.8	0

#	Article	IF	CITATIONS
1751	Robust Scuba Diver Tracking and Recovery in Open Water Using YOLOv7, SORT, and Spiral Search. , 2023, , .		0
1752	Siamese Multi-Scale Adaptive Search Network for Remote Sensing Single-Object Tracking. Remote Sensing, 2023, 15, 4359.	4.0	0
1753	Practical Tracking Method based on Best Buddies Similarity. Cyborg and Bionic Systems, 2023, 4, .	7.9	0
1754	Robust object tracking based on power-law probability map and ridge regression. Multimedia Tools and Applications, 2024, 83, 23047-23065.	3.9	0
1755	Multi-Object Detection for Inland Ship Situation Awareness Based on Few-Shot Learning. Applied Sciences (Switzerland), 2023, 13, 10282.	2.5	0
1756	Long-Run Real-Time Human Tracking at Low Light Condition. , 2023, , .		0
1757	Siamese Trackers Based on Deep Features for Visual Tracking. Electronics (Switzerland), 2023, 12, 4140.	3.1	1
1758	A Comprehensive Review on Multiple Instance Learning. Electronics (Switzerland), 2023, 12, 4323.	3.1	2
1759	Tracking. Synthesis Lectures on Computer Vision, 2024, , 3-115.	0.6	0
1761	Automatic detection of stereotypical behaviors of captive wild animals based on surveillance videos of zoos and animal reserves. Ecological Informatics, 2024, 79, 102450.	5.2	0
1762	Refining and reweighting pseudo labels for weakly supervised object detection. Neurocomputing, 2024, 577, 127387.	5.9	0
1763	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
1764	An Integrated Detection and Multi-Object Tracking Pipeline for Satellite Video Analysis of Maritime and Aerial Objects. Remote Sensing, 2024, 16, 724.	4.0	0
1765	Object modeling through weightless tracking. Neural Computing and Applications, 0, , .	5 . 6	0
1766	Experimental Investigation on Vertical Hydraulic Transport of Ores in Deepsea Mining. China Ocean Engineering, 2024, 38, 42-53.	1.6	0