

High-Speed Tracking with Kernelized Correlation Filter

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Robust visual tracking with spatial phase correlation. , 2014, , .		1
2	Unsupervised Learning of Visual Representations Using Videos. , 2015, , .		584
3	Tracker Fusion on VOT Challenge: How Does It Perform and What Can We Learn about Single Trackers?., 2015, , .		0
4	Learning a temporally invariant representation for visual tracking. , 2015, , .		9
5	Designing an artificial attention system for social robots. , 2015, , .		17
6	Scalable Kernel Correlation Filter with Sparse Feature Integration. , 2015, , .		55
7	An improved object tracking based on spatial context. , 2015, , .		0
8	Linearization to Nonlinear Learning for Visual Tracking. , 2015, , .		27
9	Real-time multiple object tracking in particle filtering framework using codebook model and adaptive labeling. , 2015, , .		0
10	Convolutional Features for Correlation Filter Based Visual Tracking. , 2015, , .		711
11	Multi-Store Tracker (MUSTer): A cognitive psychology inspired approach to object tracking. , 2015, , .		470
12	Regularized least-square object tracking based on $\ell_{2,1}$ minimization. , 2015, , .		2
13	Local Subspace Collaborative Tracking. , 2015, , .		10
14	Robust Tracking via Color Names and Spatial Context Learning. , 2015, , .		0
15	Robust Visual Correlation Tracking. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	9
16	Research on video coding parameters affecting object tracking. , 2015, , .		0
17	Long-term correlation tracking. , 2015, , .		671
18	In defense of color-based model-free tracking. , 2015, , .		252

#	ARTICLE	IF	CITATIONS
19	The Thermal Infrared Visual Object Tracking VOT-TIR2015 Challenge Results. , 2015, , .		41
20	Multihypothesis trajectory analysis for robust visual tracking. , 2015, , .		10
21	Hierarchical Convolutional Features for Visual Tracking. , 2015, , .		1,250
22	Visual Tracking via Nonnegative Regularization Multiple Locality Coding. , 2015, , .		3
23	Visual Tracking with Fully Convolutional Networks. , 2015, , .		682
24	Learning Spatially Regularized Correlation Filters for Visual Tracking. , 2015, , .		1,444
25	The Visual Object Tracking VOT2015 Challenge Results. , 2015, , .		134
26	Multi-kernel Correlation Filter for Visual Tracking. , 2015, , .		117
27	Joint Scale-Spatial Correlation Tracking with Adaptive Rotation Estimation. , 2015, , .		38
28	SOWP: Spatially Ordered and Weighted Patch Descriptor for Visual Tracking. , 2015, , .		86
29	An effective object tracking based on spatio-temporal context learning and Hog. , 2015, , .		0
30	Real-time part-based visual tracking via adaptive correlation filters. , 2015, , .		279
31	Reliable Patch Trackers: Robust visual tracking by exploiting reliable patches. , 2015, , .		253
32	Superframe segmentation based on content-motion correspondence for social video summarization. , 2015, , .		0
33	Multi-template Scale-Adaptive Kernelized Correlation Filters. , 2015, , .		34
34	Online Object Tracking with Proposal Selection. , 2015, , .		72
35	Adaptive visual tracking with failure detection. , 2015, , .		0
36	Robust Visual Tracking by Exploiting the Historical Tracker Snapshots. , 2015, , .		9

#	ARTICLE	IF	CITATIONS
37	Patch-based scale calculation for visual tracking. , 2015, , .		1
38	Multiple model adaptive visual tracking with correlation filters. , 2015, , .		0
39	A System for Retrieving Object Trajectories in Video Clips Captured by Static Cameras. , 2015, , .		0
40	Robust Human Tracking to Occlusion in Crowded Scenes. , 2015, , .		2
41	Rotation and translation covariant match kernels for image retrieval. Computer Vision and Image Understanding, 2015, 140, 9-20.	4.7	8
42	Weighted Part Context Learning for Visual Tracking. IEEE Transactions on Image Processing, 2015, 24, 5140-5151.	9.8	12
43	Visual Tracking Using Strong Classifier and Structural Local Sparse Descriptors. IEEE Transactions on Multimedia, 2015, 17, 1818-1828.	7.2	106
44	Robust visual tracking via speedup multiple kernel ridge regression. Journal of Electronic Imaging, 2015, 24, 053016.	0.9	4
45	A visual tracker based on improved kernel correlation filter. , 2015, , .		1
46	Multi-invariance appearance model for object tracking. , 2015, , .		5
47	Fast Correction Visual Tracking via Feedback Mechanism. Lecture Notes in Computer Science, 2015, , 208-219.	1.3	1
48	Correlation filter based visual trackers for person pursuit using a low-cost Quadrotor. , 2015, , .		11
49	A rotation adaptive correlation filter for robust tracking. , 2015, , .		4
50	Encoding Color Information for Visual Tracking: Algorithms and Benchmark. IEEE Transactions on Image Processing, 2015, 24, 5630-5644.	9.8	583
51	Automatic surveillance in transportation hubs: No longer just about catching the bad guy. Expert Systems With Applications, 2015, 42, 9449-9467.	7.6	15
52	Visual tracking using learned color features. , 2015, , .		1
53	A new correlation-differential denoising algorithm. , 2015, , .		2
54	Robust Individual-Cell/Object Tracking via PCANet Deep Network in Biomedicine and Computer Vision. BioMed Research International, 2016, 2016, 1-15.	1.9	4

#	ARTICLE	IF	CITATIONS
55	Enhancement of ELDA Tracker Based on CNN Features and Adaptive Model Update. Sensors, 2016, 16, 545.	3.8	3
56	Real-Time Visual Tracking through Fusion Features. Sensors, 2016, 16, 949.	3.8	11
57	Onboard Robust Visual Tracking for UAVs Using a Reliable Global-Local Object Model. Sensors, 2016, 16, 1406.	3.8	46
58	Real-Time Robust Tracking for Motion Blur and Fast Motion via Correlation Filters. Sensors, 2016, 16, 1443.	3.8	10
59	Pixel-Level and Robust Vibration Source Sensing in High-Frame-Rate Video Analysis. Sensors, 2016, 16, 1842.	3.8	20
60	Clothes Advertising by Targeting Principal Actors in Video. , 2016, , .		0
61	Jointly Feature Learning and Selection for Robust Tracking via a Gating Mechanism. PLoS ONE, 2016, 11, e0161808.	2.5	6
62	Time Varying Metric Learning for visual tracking. Pattern Recognition Letters, 2016, 80, 157-164.	4.2	6
63	Color based vehicle classification in surveillance videos. , 2016, , .		0
64	Generalized Pooling for Robust Object Tracking. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	54
65	Tracking Based on Unit-Linking Pulse Coupled Neural Network Image Icon and Particle Filter. Lecture Notes in Computer Science, 2016, , 631-639.	1.3	0
66	Correlation filter tracking via bootstrap learning. , 2016, , .		4
67	Pedestrian tracking from an unmanned aerial vehicle. , 2016, , .		6
68	Multi-scale correlation tracking with convolutional features. , 2016, , .		0
69	ReconNet: Non-Iterative Reconstruction of Images from Compressively Sensed Measurements. , 2016, , .		416
70	Fast and accurate scale estimation method for object tracking. , 2016, , .		0
71	Deep motion features for visual tracking. , 2016, , .		63
72	Generating commentaries for tennis videos. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
73	Robust online multi-object tracking based on KCF trackers and reassignment. , 2016, , .		7
74	Online RGB-D tracking via detection-learning-segmentation. , 2016, , .		3
75	Human tracking in crowded scenes using target information at previous frames. , 2016, , .		2
76	Scale-adaptive visual tracking with occlusion detection. , 2016, , .		1
77	Ensemble Of adaptive correlation filters for robust visual tracking. , 2016, , .		3
78	Learning a scale-and-rotation correlation filter for robust visual tracking. , 2016, , .		5
79	In Defense of Sparse Tracking: Circulant Sparse Tracker. , 2016, , .		92
80	Tracking with the support of couplers and historical models. , 2016, , .		0
81	Visual Tracking Using Attention-Modulated Disintegration and Integration. , 2016, , .		143
82	An object tracking method using extreme learning machine with online learning. , 2016, , .		1
83	A novel active tracking system for robotic fish based on cascade control structure. , 2016, , .		1
84	Correcting the tracker with memories. , 2016, , .		0
85	Real-time depth-based tracking using a binocular camera. , 2016, , .		2
86	Adaptive Decontamination of the Training Set: A Unified Formulation for Discriminative Visual Tracking. , 2016, , .		312
87	Structural Correlation Filter for Robust Visual Tracking. , 2016, , .		130
88	A robust point detection algorithm based on wavelet transform for visual tracking. , 2016, , .		1
89	Visual tracking via adaptive observation weight. , 2016, , .		0
90	Variable scale and anti-occlusion object tracking method with multiple feature integration. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
91	PSR-deterministic search range penalization method on kernelized correlation filter tracker. , 2016, , .		1
92	Prototypes based discriminative appearance model for object tracking. , 2016, , .		3
93	Evaluation of Feature Channels for Correlation-Filter-Based Visual Object Tracking in Infrared Spectrum. , 2016, , .		23
94	A Pointing Gesture Based Egocentric Interaction System: Dataset, Approach and Application. , 2016, , .		37
95	Robust and Real-Time Object Tracking Using Scale-Adaptive Correlation Filters. , 2016, , .		6
96	Real-time Estimation of Physical Activity Intensity for Daily Living. , 2016, , .		1
97	UAV, come to me: End-to-end, multi-scale situated HRI with an uninstrumented human and a distant UAV. , 2016, , .		36
98	Spatial windowing for correlation filter based visual tracking. , 2016, , .		13
99	Staple: Complementary Learners for Real-Time Tracking. , 2016, , .		1,201
100	Robust Visual Tracking with Deep Convolutional Neural Network Based Object Proposals on PETS. , 2016, , .		31
101	Self-Adaptive Visual Tracker Based on Background Information. , 2016, , .		1
102	Long-term cooperative tracking using multiple unmanned aerial vehicles. , 2016, , .		1
103	Deep People Counting with Faster R-CNN and Correlation Tracking. , 2016, , .		19
104	Combining Visual Tracking and Person Detection for Long Term Tracking on a UAV. Lecture Notes in Computer Science, 2016, , 557-568.	1.3	5
105	Robust tracking of vessels in oceanographic airborne images. , 2016, , .		4
106	Modification of the KCF tracking method for implementation on embedded hardware platforms. , 2016, , .		7
107	A survey on visual tracking via convolutional neural networks. , 2016, , .		4
108	Multi-scale kernelized least squares for visual tracking. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
109	A new template updating method for correlation tracking. , 2016, , .		2
110	Robust online visual tracking via a temporal ensemble framework. , 2016, , .		0
111	Combining sparse appearance and Bayesian inference models for object tracking. , 2016, , .		0
112	MedianStruck for long-term tracking applications. , 2016, , .		1
113	Complementary tracker's fusion for robust visual tracking. , 2016, , .		1
114	Online visual tracking via correlation filter with convolutional networks. , 2016, , .		2
115	Robust discriminative tracking via query-by-bagging. , 2016, , .		2
116	STCT: Sequentially Training Convolutional Networks for Visual Tracking. , 2016, , .		184
117	Recurrently Target-Attending Tracking. , 2016, , .		112
118	Learning Multi-domain Convolutional Neural Networks for Visual Tracking. , 2016, , .		1,684
119	Closed-Loop Tracking-by-Detection for ROV-Based Multiple Fish Tracking. , 2016, , .		14
120	Fast and Robust Object Tracking with Adaptive Detection. , 2016, , .		15
121	Robust visual tracking using correlation response map. , 2016, , .		5
122	Beyond Local Search: Tracking Objects Everywhere with Instance-Specific Proposals. , 2016, , .		161
123	A visual target tracking algorithm based on improved Kernelized Correlation Filters. , 2016, , .		3
124	Adaptive Objectness for Object Tracking. IEEE Signal Processing Letters, 2016, 23, 949-953.	3.6	25
125	Clustering based ensemble correlation tracking. Computer Vision and Image Understanding, 2016, 153, 55-63.	4.7	7
126	Online similarity learning for visual tracking. Information Sciences, 2016, 364-365, 33-50.	6.9	11

#	ARTICLE	IF	CITATIONS
127	A Cognitive Control-Inspired Approach to Object Tracking. IEEE Transactions on Image Processing, 2016, 25, 2697-2711.	9.8	11
128	Deformable part-based tracking by coupled global and local correlation filters. Journal of Visual Communication and Image Representation, 2016, 38, 763-774.	2.8	67
129	Visual tracking via exemplar regression model. Knowledge-Based Systems, 2016, 106, 26-37.	7.1	31
130	Object Tracking With Spatial Context Model. IEEE Signal Processing Letters, 2016, 23, 727-731.	3.6	3
131	Exploiting Spatial Structure from Parts for Adaptive Kernelized Correlation Filter Tracker. IEEE Signal Processing Letters, 2016, 23, 658-662.	3.6	20
132	Individual adaptive metric learning for visual tracking. Neurocomputing, 2016, 191, 273-285.	5.9	10
133	Discriminative local collaborative representation for online object tracking. Knowledge-Based Systems, 2016, 100, 13-24.	7.1	16
134	Real-time scale-adaptive correlation filters tracker with depth information to handle occlusion. Journal of Electronic Imaging, 2016, 25, 043022.	0.9	3
135	Visual object trapping. Computer Vision and Image Understanding, 2016, 153, 3-15.	4.7	1
136	Adaptive Learning Rate for Visual Tracking Using Correlation Filters. Procedia Computer Science, 2016, 89, 614-622.	2.0	12
137	Joint Tracking and Ground Plane Estimation. IEEE Signal Processing Letters, 2016, 23, 1514-1517.	3.6	13
138	Improved kernelized correlation filters tracking algorithm with adaptive learning factor. , 2016, , .		2
139	Tracking Completion. Lecture Notes in Computer Science, 2016, , 194-209.	1.3	10
140	Random walks colour histogram modification for human tracking. IET Computer Vision, 2016, 10, 842-851.	2.0	3
141	How does human interest modeling help in computer vision: Tracking-by-saliency in unconstrained social videos. , 2016, , .		1
142	Learning Collaborative Sparse Representation for Grayscale-Thermal Tracking. IEEE Transactions on Image Processing, 2016, 25, 5743-5756.	9.8	203
143	Visual tracking with sparse correlation filters. , 2016, , .		5
144	Robust visual tracking via constrained correlation filter coding. Pattern Recognition Letters, 2016, 84, 163-169.	4.2	11

#	ARTICLE	IF	CITATIONS
145	Nonlinear metric learning for visual tracking. , 2016, , .		3
146	Fast visual object tracking via distortion-suppressed correlation filtering. , 2016, , .		3
147	Visual tracking via adaptive multi-task feature learning with calibration and identification. Signal Processing: Image Communication, 2016, 49, 17-24.	3.2	2
148	Co-difference based object tracking algorithm for infrared videos. , 2016, , .		14
149	Visual Tracking Under Motion Blur. IEEE Transactions on Image Processing, 2016, 25, 5867-5876.	9.8	65
150	Deep object tracking with multi-modal data. , 2016, , .		1
151	Robust Part-Based Correlation Tracking. Lecture Notes in Computer Science, 2016, , 635-642.	1.3	1
152	Target Response Adaptation for Correlation Filter Tracking. Lecture Notes in Computer Science, 2016, , 419-433.	1.3	107
153	Online video tracking using collaborative convolutional networks. , 2016, , .		2
154	Object tracking with temporal prediction and spatial refinement (TPSR). Signal Processing: Image Communication, 2016, 47, 303-312.	3.2	3
155	Convolutional neural net bagging for online visual tracking. Computer Vision and Image Understanding, 2016, 153, 120-129.	4.7	21
156	Non-linear eigenspace visual object tracking. Engineering Applications of Artificial Intelligence, 2016, 55, 363-374.	8.1	3
157	Object tracking with double-dictionary appearance model. Optical Engineering, 2016, 55, 083106.	1.0	8
158	Oversaturated part-based visual tracking via spatio-temporal context learning. Applied Optics, 2016, 55, 6960.	2.1	8
159	Unsupervised detection and tracking of moving objects for video surveillance applications. Pattern Recognition Letters, 2016, 84, 70-77.	4.2	27
160	Vehicle Tracking and Speed Measurement system (VTSM) based on novel feature descriptor: Diagonal Hexadecimal Pattern (DHP). Journal of Visual Communication and Image Representation, 2016, 40, 816-830.	2.8	22
161	PICASO: Pixel correspondences and SOft match selection for real-time tracking. Computer Vision and Image Understanding, 2016, 153, 151-162.	4.7	7
162	Tracking by switching state space models. Computer Vision and Image Understanding, 2016, 153, 29-36.	4.7	1

#	ARTICLE	IF	CITATIONS
163	A hybrid method for long term moving object tracker. , 2016, , .		1
164	Bayesian constrained local models with depth data. , 2016, , .		0
165	When Correlation Filters Meet Convolutional Neural Networks for Visual Tracking. IEEE Signal Processing Letters, 2016, 23, 1454-1458.	3.6	48
166	Real-Time Visual Tracking: Promoting the Robustness of Correlation Filter Learning. Lecture Notes in Computer Science, 2016, , 662-678.	1.3	36
167	Distractor-Supported Single Target Tracking in Extremely Cluttered Scenes. Lecture Notes in Computer Science, 2016, , 121-136.	1.3	21
168	Learning temporally correlated representations using lstms for visual tracking. , 2016, , .		4
169	CDT: Cooperative Detection and Tracking for Tracing Multiple Objects in Video Sequences. Lecture Notes in Computer Science, 2016, , 851-867.	1.3	23
170	A multi-view model for visual tracking via correlation filters. Knowledge-Based Systems, 2016, 113, 88-99.	7.1	115
171	Object tracking with hierarchical multiview learning. Journal of Electronic Imaging, 2016, 25, 053006.	0.9	1
172	Robust Scale Adaptive Kernel Correlation Filter Tracker With Hierarchical Convolutional Features. IEEE Signal Processing Letters, 2016, 23, 1136-1140.	3.6	27
173	A representative-based framework for parsing and summarizing events in surveillance videos. , 2016, , .		0
174	Robust visual tracking via adaptive kernelized correlation filter. Proceedings of SPIE, 2016, , .	0.8	2
175	A Benchmark and Simulator for UAV Tracking. Lecture Notes in Computer Science, 2016, , 445-461.	1.3	808
176	Scale Invariant Kernelized Correlation Filter Based on Gaussian Output. Lecture Notes in Computer Science, 2016, , 567-577.	1.3	1
177	Fingertip in the Eye: An Attention-Based Method for Real-Time Hand Tracking and Fingertip Detection in Egocentric Videos. Communications in Computer and Information Science, 2016, , 145-154.	0.5	3
178	Structured output tracking guided by keypoint matching. Proceedings of SPIE, 2016, , .	0.8	1
179	Boosted local classifiers for visual tracking. , 2016, , .		6
180	Improved kernel correlation filter tracking with Gaussian scale space. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
181	The Visual Object Tracking VOT2016 Challenge Results. Lecture Notes in Computer Science, 2016, , 777-823.	1.3	312
182	Accurate object tracking by combining correlation filters and keypoints. , 2016, , .		1
183	Fully-Convolutional Siamese Networks for Object Tracking. Lecture Notes in Computer Science, 2016, , 850-865.	1.3	1,871
184	Combining Color Attributes for Scale Adaptive Correlation Tracking. , 2016, , .		2
185	Joint learning hash codes and distance metric for visual tracking. , 2016, , .		2
186	Beyond Correlation Filters: Learning Continuous Convolution Operators for Visual Tracking. Lecture Notes in Computer Science, 2016, , 472-488.	1.3	945
187	Improving an object tracker for infrared flying bird tracking. , 2016, , .		1
188	MAD for visual tracker fusion. , 2016, , .		7
189	Multi-Cue Adaptive Correlation Filters for Visual Tracking. , 2016, , .		3
190	Coarse-to-fine approach for fast correlation-based visual tracking. , 2016, , .		1
191	3D Part-Based Sparse Tracker with Automatic Synchronization and Registration. , 2016, , .		41
192	Extended kernelised correlation filter tracking. Electronics Letters, 2016, 52, 823-825.	1.0	2
193	A Robust Appearance Model for Object Tracking. , 2016, , .		0
194	Consecutive pedestrian tracking in large scale space. Proceedings of SPIE, 2016, , .	0.8	0
195	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
196	Hedged Deep Tracking. , 2016, , .		521
197	Robust tracking by selecting object-related candidates with deep features. , 2016, , .		0
198	STD: A Stereo Tracking Dataset for evaluating binocular tracking algorithms. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
199	Adaptive and compressive target tracking based on feature point matching. , 2016, , .		2
200	Occlusion-Aware Fragment-Based Tracking With Spatial-Temporal Consistency. IEEE Transactions on Image Processing, 2016, 25, 3814-3825.	9.8	31
201	A multiple template approach for robust tracking of fast motion target. Applied Mathematics, 2016, 31, 177-197.	1.0	41
202	Geometric affine transformation estimation via correlation filter for visual tracking. Neurocomputing, 2016, 214, 109-120.	5.9	8
203	Structural spatio-temporal transform for robust visual tracking. , 2016, , .		2
204	Leveraging single for multi-target tracking using a novel trajectory overlap affinity measure. , 2016, , .		7
205	Graph-based approach to scene text localisation and tracking in videos. Electronics Letters, 2016, 52, 1110-1112.	1.0	1
206	Online adaptive hidden Markov model for multi-tracker fusion. Computer Vision and Image Understanding, 2016, 153, 109-119.	4.7	21
207	Detecting occlusion from color information to improve visual tracking. , 2016, , .		7
208	Multi-level visual tracking with hierarchical tree structural constraint. Neurocomputing, 2016, 202, 1-11.	5.9	3
209	Interacting with target tracking algorithms in a gaze-enhanced motion video analysis system. Proceedings of SPIE, 2016, , .	0.8	0
210	Long-term object tracking combined offline with online learning. Optical Engineering, 2016, 55, 043103.	1.0	3
211	Robust visual tracking via patch based kernel correlation filters with adaptive multiple feature ensemble. Neurocomputing, 2016, 214, 607-617.	5.9	45
212	Stacked correlation filters for biometric verification. , 2016, , .		1
213	SAR Image Change Detection Based on Correlation Kernel and Multistage Extreme Learning Machine. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5993-6006.	6.3	29
214	Infrared Target Tracking Based on Robust Low-Rank Sparse Learning. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 232-236.	3.1	29
215	DeepTrack: Learning Discriminative Feature Representations Online for Robust Visual Tracking. IEEE Transactions on Image Processing, 2016, 25, 1834-1848.	9.8	198
216	Struck: Structured Output Tracking with Kernels. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2096-2109.	13.9	836

#	ARTICLE	IF	CITATIONS
217	A Novel Performance Evaluation Methodology for Single-Target Trackers. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 2137-2155.	13.9	439
218	Robust Tracking via Locally Structured Representation. International Journal of Computer Vision, 2016, 119, 110-144.	15.6	14
219	Visual Object Tracking Performance Measures Revisited. IEEE Transactions on Image Processing, 2016, 25, 1261-1274.	9.8	136
220	Robust Visual Tracking via Convolutional Networks without Training. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	269
221	Robust object tracking by online Fisher discrimination boosting feature selection. Computer Vision and Image Understanding, 2016, 153, 100-108.	4.7	31
222	BIT: Biologically Inspired Tracker. IEEE Transactions on Image Processing, 2016, 25, 1327-1339.	9.8	45
223	Robust Visual Voice Activity Detection Using Long Short-Term Memory Recurrent Neural Network. Lecture Notes in Computer Science, 2016, , 380-391.	1.3	0
224	Using Discriminative Motion Context for Online Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 2215-2225.	8.3	10
225	Robust multiple cue fusion-based high-speed and nonrigid object tracking algorithm for short track speed skating. Journal of Electronic Imaging, 2016, 25, 013014.	0.9	3
226	Extended compressed tracking via random projection based on MSERs and online LS-SVM learning. Pattern Recognition, 2016, 59, 245-254.	8.1	26
227	Object Instance Search in Videos via Spatio-Temporal Trajectory Discovery. IEEE Transactions on Multimedia, 2016, 18, 116-127.	7.2	29
228	Sparse Hashing Tracking. IEEE Transactions on Image Processing, 2016, 25, 840-849.	9.8	29
229	Real-Time Grayscale-Thermal Tracking via Laplacian Sparse Representation. Lecture Notes in Computer Science, 2016, , 54-65.	1.3	23
230	Patch-based Scale Calculation for Real-time Visual Tracking. IEEE Signal Processing Letters, 2016, 23, 40-44.	3.6	16
231	Interacting Multiview Tracker. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 903-917.	13.9	27
232	A survey of datasets for visual tracking. Machine Vision and Applications, 2016, 27, 23-52.	2.7	20
233	Deep Metric Learning for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 2056-2068.	8.3	57
234	Spectral Collaborative Representation based Classification for hand gestures recognition on electromyography signals. Biomedical Signal Processing and Control, 2016, 24, 11-18.	5.7	44

#	ARTICLE	IF	CITATIONS
235	Real-time tracking-by-learning with high-order regularization fusion for big video abstraction. Signal Processing, 2016, 124, 246-258.	3.7	3
236	Robust Visual Tracking via Least Soft-Threshold Squares. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1709-1721.	8.3	66
237	Multi-Tracker Partition Fusion. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1527-1539.	8.3	17
238	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
239	Robust Object Tracking via Locality Sensitive Histograms. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1006-1017.	8.3	17
240	Multi-Timescale Collaborative Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 141-155.	13.9	7
241	Real-Time Vibration Source Tracking Using High-Speed Vision. IEEE Sensors Journal, 2017, 17, 1513-1527.	4.7	33
242	MIL based visual object tracking with kernel and scale adaptation. Signal Processing: Image Communication, 2017, 53, 51-64.	3.2	9
243	Deep Relative Tracking. IEEE Transactions on Image Processing, 2017, 26, 1845-1858.	9.8	72
244	Robust Struck tracker via color Haar-like feature and selective updating. Signal, Image and Video Processing, 2017, 11, 1073-1080.	2.7	6
245	Grayscale-Thermal Object Tracking via Multitask Laplacian Sparse Representation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 673-681.	9.3	64
246	Online structured sparse learning with labeled information for robust object tracking. Journal of Electronic Imaging, 2017, 26, 013007.	0.9	4
247	A Structural Coupled-Layer Tracking Method Based on Correlation Filters. Lecture Notes in Computer Science, 2017, , 65-76.	1.3	1
248	Visual object tracking with online sample selection via lasso regularization. Signal, Image and Video Processing, 2017, 11, 881-888.	2.7	22
249	Visual tracking with structured patch-based model. Image and Vision Computing, 2017, 60, 124-133.	4.5	8
250	Accurate mask-based spatially regularized correlation filter for visual tracking. Journal of Electronic Imaging, 2017, 26, 013002.	0.9	3
251	Estimating Heart Rate and Rhythm via 3D Motion Tracking in Depth Video. IEEE Transactions on Multimedia, 2017, 19, 1625-1636.	7.2	31
252	Chaotic target representation for robust object tracking. Signal Processing: Image Communication, 2017, 54, 23-35.	3.2	10

#	ARTICLE	IF	CITATIONS
253	Dual Deep Network for Visual Tracking. IEEE Transactions on Image Processing, 2017, 26, 2005-2015.	9.8	98
254	Consistent multi-layer subtask tracker via hyper-graph regularization. Pattern Recognition, 2017, 67, 299-312.	8.1	3
255	Infrared dim-small target tracking via singular value decomposition and improved Kernelized correlation filter. Infrared Physics and Technology, 2017, 82, 18-27.	2.9	26
256	Exploiting superpixel and hybrid hash for kernel-based visual tracking. Pattern Recognition, 2017, 68, 175-190.	8.1	9
257	Image object tracking based on temporal context and MOSSE. Cluster Computing, 2017, 20, 1259-1269.	5.0	8
258	Robust visual tracking based on scale invariance and deep learning. Frontiers of Computer Science, 2017, 11, 230-242.	2.4	5
259	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
260	Online object tracking based on CNN with spatial-temporal saliency guided sampling. Neurocomputing, 2017, 257, 115-127.	5.9	45
261	Visual object tracking via enhanced structural correlation filter. Information Sciences, 2017, 394-395, 232-245.	6.9	22
262	One-step backtracking for occlusion detection in real-time visual tracking. Electronics Letters, 2017, 53, 318-320.	1.0	3
263	Fast Pixelwise Adaptive Visual Tracking of Non-Rigid Objects. IEEE Transactions on Image Processing, 2017, 26, 2368-2380.	9.8	11
264	A local start search algorithm to compute exact Hausdorff Distance for arbitrary point sets. Pattern Recognition, 2017, 67, 139-148.	8.1	50
265	Adaptive low-rank subspace learning with online optimization for robust visual tracking. Neural Networks, 2017, 88, 90-104.	5.9	19
266	Real-time tracking based on weighted compressive tracking and a cognitive memory model. Signal Processing, 2017, 139, 173-181.	3.7	10
267	Robust visual tracking via co-trained Kernelized correlation filters. Pattern Recognition, 2017, 69, 82-93.	8.1	84
268	A robust object tracking framework based on a reliable point assignment algorithm. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 545-558.	2.6	7
269	Robust visual tracking via multiscale deep sparse networks. Optical Engineering, 2017, 56, 043107.	1.0	7
270	Visual tracking utilizing robust complementary learner and adaptive refiner. Neurocomputing, 2017, 260, 367-377.	5.9	5

#	ARTICLE	IF	CITATIONS
271	Discriminative Bag-of-Words-Based Adaptive Appearance Model for Robust Visual Tracking. IEEE Signal Processing Letters, 2017, 24, 907-911.	3.6	3
272	Online Cost Efficient Customer Recognition System for Retail Analytics. , 2017, , .		1
273	Correlation-Based Tracker-Level Fusion for Robust Visual Tracking. IEEE Transactions on Image Processing, 2017, 26, 4832-4842.	9.8	16
274	Geometric Hypergraph Learning for Visual Tracking. IEEE Transactions on Cybernetics, 2017, 47, 4182-4195.	9.5	34
275	Occlusion-Aware Real-Time Object Tracking. IEEE Transactions on Multimedia, 2017, 19, 763-771.	7.2	195
276	Patch-based visual tracking with online representative sample selection. Journal of Electronic Imaging, 2017, 26, 033006.	0.9	15
277	Locator-Checker-Scaler Object Tracking Using Spatially Ordered and Weighted Patch Descriptor. IEEE Transactions on Image Processing, 2017, 26, 3817-3830.	9.8	3
278	Fast Correlation Tracking Using Low-Dimensional Scale Filter and Local Search Strategy. IEEE Access, 2017, 5, 8568-8578.	4.2	9
279	Deterministic object tracking using Gaussian ringlet and directional edge features. Optics and Laser Technology, 2017, 95, 133-146.	4.6	7
280	Face detection and recognition for home service robots with end-to-end deep neural networks. , 2017, , .		8
281	Robust visual tracking with deep feature fusion. , 2017, , .		3
282	Flipflop correlation tracking with Convolution Kernels Networks. , 2017, , .		0
283	Selective object and context tracking. , 2017, , .		10
284	Discriminative feature selection for visual tracking. Journal of Physics: Conference Series, 2017, 844, 012046.	0.4	2
285	Visual Tracking via Nonnegative Multiple Coding. IEEE Transactions on Multimedia, 2017, 19, 2680-2691.	7.2	16
286	Target-tracking algorithm for omnidirectional vision. Journal of Electronic Imaging, 2017, 26, 033014.	0.9	2
287	Log-polar mapping-based scale space tracking with adaptive target response. Journal of Electronic Imaging, 2017, 26, 033003.	0.9	2
288	Evaluation of Visual Tracking Algorithms for Embedded Devices. Lecture Notes in Computer Science, 2017, , 88-97.	1.3	11

#	ARTICLE	IF	CITATIONS
289	Remember like humans. International Journal of Advanced Robotic Systems, 2017, 14, 172988141769231.	2.1	3
290	Object Tracking Based on Stable Feature Mining Using Intraframe Clustering and Interframe Association. IEEE Access, 2017, 5, 4690-4703.	4.2	3
291	A comparative study on multi-object tracking methods for sports events. , 2017, , .		13
292	Robust Visual Tracking via Binocular Consistent Sparse Learning. Neural Processing Letters, 2017, 46, 627-642.	3.2	4
293	Online hash tracking with spatio-temporal saliency auxiliary. Computer Vision and Image Understanding, 2017, 160, 57-72.	4.7	20
294	Kernelized temporal locality learning for real-time visual tracking. Pattern Recognition Letters, 2017, 90, 72-79.	4.2	5
296	Robust Object Tracking With Discrete Graph-Based Multiple Experts. IEEE Transactions on Image Processing, 2017, 26, 2736-2750.	9.8	24
297	Multiscale spatially regularised correlation filters for visual tracking. IET Computer Vision, 2017, 11, 220-225.	2.0	10
298	Inverse Sparse Group Lasso Model for Robust Object Tracking. IEEE Transactions on Multimedia, 2017, 19, 1798-1810.	7.2	29
299	Robust object tracking via multi-cue fusion. Signal Processing, 2017, 139, 86-95.	3.7	23
300	Robust Visual Tracking Using Structure-Preserving Sparse Learning. IEEE Signal Processing Letters, 2017, 24, 707-711.	3.6	3
301	Self-paced model learning for robust visual tracking. Journal of Electronic Imaging, 2017, 26, 013016.	0.9	7
302	Long-term visual tracking based on correlation filters. AIP Conference Proceedings, 2017, , .	0.4	2
303	Performance of an insect-inspired target tracker in natural conditions. Bioinspiration and Biomimetics, 2017, 12, 025006.	2.9	38
304	Real time visual tracking using a spatially weighted von Mises mixture model. Pattern Recognition Letters, 2017, 90, 50-57.	4.2	4
305	Robust visual tracking via self-similarity learning. Electronics Letters, 2017, 53, 20-22.	1.0	44
306	Applying Detection Proposals to Visual Tracking for Scale and Aspect Ratio Adaptability. International Journal of Computer Vision, 2017, 122, 524-541.	15.6	28
307	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

#	ARTICLE	IF	CITATIONS
308	Online learning and joint optimization of combined spatial-temporal models for robust visual tracking. Neurocomputing, 2017, 226, 221-237.	5.9	12
309	Automatic Refinement Strategies for Manual Initialization of Object Trackers. IEEE Transactions on Image Processing, 2017, 26, 821-835.	9.8	3
310	Output Constraint Transfer for Kernelized Correlation Filter in Tracking. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 693-703.	9.3	70
311	Weighted Sparse Representation Regularized Graph Learning for RGB-T Object Tracking. , 2017, , .		105
312	Robust and Real-Time Visual Tracking with Triplet Convolutional Neural Network. , 2017, , .		0
313	Dense structural learning for infrared object tracking at 200+ Frames per Second. Pattern Recognition Letters, 2017, 100, 152-159.	4.2	35
314	Hybrid Model with Margin-Based Real-Time Face Detection and Tracking. Lecture Notes in Computer Science, 2017, , 360-369.	1.3	2
315	Tracking with Extraction of Moving Object under Moving Camera Environment. Procedia Computer Science, 2017, 112, 1479-1487.	2.0	2
316	Multi-target tracking by enhancing the kernelised correlation filter-based tracker. Electronics Letters, 2017, 53, 1358-1360.	1.0	9
317	DenseTracker: A multi-task dense network for visual tracking. , 2017, , .		5
318	An algorithm of adaptive scale object tracking in occlusion. AIP Conference Proceedings, 2017, , .	0.4	1
319	ReGLE. , 2017, , .		14
320	Deep Location-Specific Tracking. , 2017, , .		22
321	Robust Visual Object Tracking with Top-down Reasoning. , 2017, , .		4
322	A multi-scale kernel correlation filter tracker with feature integration and robust model updater. , 2017, , .		5
323	Distortion-Aware Correlation Tracking. IEEE Transactions on Image Processing, 2017, 26, 5421-5434.	9.8	8
324	DCCO: Towards Deformable Continuous Convolution Operators for Visual Tracking. Lecture Notes in Computer Science, 2017, , 55-67.	1.3	11
325	Object Tracking Using Multiple Features and Adaptive Model Updating. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2882-2897.	4.7	19

#	ARTICLE	IF	CITATIONS
326	Kernalised Multi-resolution Convnet for Visual Tracking. , 2017, , .		3
327	Effects of Improper Ground Truth on Target Tracking Performance Evaluation in Benchmark. , 2017, , .		1
328	SANet: Structure-Aware Network for Visual Tracking. , 2017, , .		156
329	Visual Tracking by Sampling in Part Space. IEEE Transactions on Image Processing, 2017, 26, 5800-5810.	9.8	15
330	Tracking with a small single Convolutional Neural Network. , 2017, , .		0
331	EgoTracker: Pedestrian Tracking with Re-identification in Egocentric Videos. , 2017, , .		3
332	A Trajectory Based Method of Automatic Counting of Cyclist in Traffic Video Data. International Journal on Artificial Intelligence Tools, 2017, 26, 1750015.	1.0	3
333	Deep learning to frame objects for visual target tracking. Engineering Applications of Artificial Intelligence, 2017, 65, 406-420.	8.1	46
334	Object tracking with convolutional neural networks and kernelized correlation filters. , 2017, , .		3
335	Adaptive Compressive Tracking based on Locality Sensitive Histograms. Pattern Recognition, 2017, 72, 517-531.	8.1	11
336	Face recognition in real-world surveillance videos with deep learning method. , 2017, , .		35
337	A neural network approach to visual tracking. , 2017, , .		0
338	Target following on nano-scale Unmanned Aerial Vehicles. , 2017, , .		15
339	Visual object tracking via LDA. , 2017, , .		2
340	Real-time 3D human tracking for mobile robots with multisensors. , 2017, , .		14
341	Visual servo control of unmanned aerial vehicles: An object tracking-based approach. , 2017, , .		0
342	Real-time visual tracking via robust Kernelized Correlation Filter. , 2017, , .		7
343	Extending Correlation Filter-Based Visual Tracking by Tree-Structured Ensemble and Spatial Windowing. IEEE Transactions on Image Processing, 2017, 26, 5270-5283.	9.8	12

#	ARTICLE	IF	CITATIONS
344	Deep convolutional neural networks for thermal infrared object tracking. Knowledge-Based Systems, 2017, 134, 189-198.	7.1	163
345	KCF based 3D object tracking via RGB-D camera of a quadrotor. , 2017, , .		2
346	Robust visual tracking via deep discriminative model. , 2017, , .		1
347	Augmented Reality in Reality. IEEE MultiMedia, 2017, 24, 10-15.	1.7	33
348	Determining the shift of a bronchoscope catheter from the analysis of a video sequence of a bronchoscope video camera. Biocybernetics and Biomedical Engineering, 2017, 37, 630-636.	5.9	3
349	A low-cost real-time face tracking system for ITSs and SDASs. Software - Practice and Experience, 2017, 47, 1111-1126.	3.6	4
350	Multi-object tracking based on two-layer occlusion handling. , 2017, , .		1
351	Robust detection and tracking of vehicle taillight signals using frequency domain feature based Adaboost learning. , 2017, , .		8
352	Correlation filter-based self-paced object tracking. , 2017, , .		7
353	Multi-camera Finger Tracking and 3D Trajectory Reconstruction for HCI Studies. Lecture Notes in Computer Science, 2017, , 63-74.	1.3	5
354	Enhanced CMT tracking algorithm with CUDA acceleration. , 2017, , .		1
355	Visual Tracking Based on Adaptive Spatially Regularized Correlation Filter. , 2017, , .		0
356	Complex Form of Local Orientation Plane for Visual Object Tracking. IEEE Access, 2017, 5, 21597-21604.	4.2	5
357	Multi-Pedestrian detection and tracking using unified multi-channel features. , 2017, , .		1
358	Compressive tracking based on online Hough forest. International Journal of Automation and Computing, 2017, 14, 396-406.	4.5	4
359	Robust infrared target tracking using discriminative and generative approaches. Infrared Physics and Technology, 2017, 85, 114-127.	2.9	26
360	Multi-scale color features based on correlation filter for visual tracking. , 2017, , .		3
361	A system on chip-based real-time tracking system for amphibious spherical robots. International Journal of Advanced Robotic Systems, 2017, 14, 172988141771655.	2.1	29

#	ARTICLE	IF	CITATIONS
362	Exploiting a depth context model in visual tracking with correlation filter. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2017, 18, 667-679.	2.6	3
363	Two-level superpixel and feedback based visual object tracking. <i>Neurocomputing</i> , 2017, 267, 581-596.	5.9	5
364	An Ultra-Fast and Energy-Efficient Object Tracker. , 2017, , .		0
365	Video-Based Face Association and Identification. , 2017, , .		7
366	Stabilizing Object Tracking Trajectory on the Basis of Kalman Filter. , 2017, , .		0
367	Robust tracking-by-detection using a selection and completion mechanism. <i>Computational Visual Media</i> , 2017, 3, 285-294.	17.5	7
368	Object tracking using a convolutional network and a structured output SVM. <i>Computational Visual Media</i> , 2017, 3, 325-335.	17.5	10
370	An ant particle filter for visual tracking. , 2017, , .		8
371	Learning Spatio-Temporal Information for Multi-Object Tracking. <i>IEEE Access</i> , 2017, 5, 3869-3877.	4.2	15
372	Unifying Registration Based Tracking: A Case Study with Structural Similarity. , 2017, , .		1
373	Multi-Channel Features Spatio-Temporal Context Learning for Visual Tracking. <i>IEEE Access</i> , 2017, 5, 12856-12864.	4.2	16
374	Method for learning deep features for correlation based visual tracking. , 2017, , .		1
375	An Enhanced Viola-Jones Vehicle Detection Method From Unmanned Aerial Vehicles Imagery. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 1845-1856.	8.0	75
376	Object Tracking via Temporal Consistency Dictionary Learning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 628-638.	9.3	15
377	A New Human Eye Tracking Algorithm of Optimized TLD Based on Improved Mean-Shift. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2017, 31, 1755007.	1.2	3
378	Sparse representation combined with context information for visual tracking. <i>Neurocomputing</i> , 2017, 225, 92-102.	5.9	9
379	Visual Tracking With Convolutional Random Vector Functional Link Network. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3243-3253.	9.5	110
380	Toward situation awareness: a survey on adaptive learning for model-free tracking. <i>Multimedia Tools and Applications</i> , 2017, 76, 21073-21115.	3.9	7

#	ARTICLE	IF	CITATIONS
381	Kernelized correlation tracker on smartphones. Pervasive and Mobile Computing, 2017, 35, 108-124.	3.3	0
382	A Biologically Inspired Appearance Model for Robust Visual Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2357-2370.	11.3	76
383	Adaptive Compressive Tracking via Online Vector Boosting Feature Selection. IEEE Transactions on Cybernetics, 2017, 47, 4289-4301.	9.5	14
384	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
385	Robust visual tracking based on hierarchical appearance model. Neurocomputing, 2017, 221, 108-122.	5.9	10
386	Real-Time Correlation Filter Tracking by Efficient Dense Belief Propagation With Structure Preserving. IEEE Transactions on Multimedia, 2017, 19, 772-784.	7.2	32
387	Background subtraction based on circulant matrix. Signal, Image and Video Processing, 2017, 11, 407-414.	2.7	12
388	Discriminative Scale Space Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1561-1575.	13.9	1,002
389	Object Detection in Videos with Tubelet Proposal Networks. , 2017, , .		132
390	Fully Automatic, Real-Time Vehicle Tracking for Surveillance Video. , 2017, , .		0
391	Computationally efficient deep tracker: Guided MDNet. , 2017, , .		2
392	Object Tracking in Satellite Videos by Fusing the Kernel Correlation Filter and the Three-Frame-Difference Algorithm. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 168-172.	3.1	86
393	Part-Based Data Association for Visual Tracking. , 2017, , .		0
394	A new object detection and classification method for quality control based on segmentation and geometric features. , 2017, , .		1
395	Structural superpixel descriptor for visual tracking. , 2017, , .		2
396	The Visual Object Tracking VOT2017 Challenge Results. , 2017, , .		255
397	Learning a real-time generic tracker using convolutional neural networks. , 2017, , .		2
398	Structure-Regularized Compressive Tracking With Online Data-Driven Sampling. IEEE Transactions on Image Processing, 2017, 26, 5692-5705.	9.8	28

#	ARTICLE	IF	CITATIONS
399	Robust Object Tracking Based on Temporal and Spatial Deep Networks. , 2017, , .		44
400	Robust object tracking based on selected discriminative convolutional features. , 2017, , .		0
401	A kernel correlation filter based scale adaptive tracker: The full occlusion case. , 2017, , .		0
402	An autonomous vision-based target tracking system for rotorcraft unmanned aerial vehicles. , 2017, , .		56
403	Learning Variance Kernelized Correlation Filters for Robust Visual Object Tracking. , 2017, , .		0
404	Multi-Object Model-Free Tracking with Joint Appearance and Motion Inference. , 2017, , .		3
405	UA-DETRAC 2017: Report of AVSS2017 & IWT4S Challenge on Advanced Traffic Monitoring. , 2017, , .		71
406	Adapting Dynamic Appearance for Robust Visual Tracking. IEEE Access, 2017, 5, 17354-17367.	4.2	2
407	Center contrastive loss regularized CNN for tracking. , 2017, , .		0
408	Vision-Based Real-Time Aerial Object Localization and Tracking for UAV Sensing System. IEEE Access, 2017, 5, 23969-23978.	4.2	85
409	Visual Localisation and Individual Identification of Holstein Friesian Cattle via Deep Learning. , 2017, , .		63
410	Deformable and Occluded Object Tracking via Graph Learning. , 2017, , .		0
411	Learning spatial-temporal consistent correlation filter for visual tracking. , 2017, , .		0
412	Compact discriminative object representation via weakly supervised learning for real-time visual tracking. IET Computer Vision, 2017, 11, 585-595.	2.0	5
413	On the improvement of foregroundâ€‘background modelâ€‘based object tracker. IET Computer Vision, 2017, 11, 488-496.	2.0	14
414	An online tracking method via improved cost-sensitive adaboost. , 2017, , .		3
415	Assessing post-detection filters for a generic pedestrian detector in a tracking-by-detection scheme. , 2017, , .		5
416	Spatial pyramid context-aware moving vehicle detection and tracking in urban aerial imagery. , 2017, , .		10

#	ARTICLE	IF	CITATIONS
417	End-to-End Representation Learning for Correlation Filter Based Tracking. , 2017, , .		1,083
418	An Efficient and Robust Visual Tracking via Color-Based Context Prior Model. Lecture Notes in Computer Science, 2017, , 70-84.	1.3	0
419	A Leader-path-following formation system for AGVs with multi-sensor data fusion based vehicle tracking. IOP Conference Series: Materials Science and Engineering, 2017, 235, 012006.	0.6	3
421	Large Margin Object Tracking with Circulant Feature Maps. , 2017, , .		430
422	Parallel Tracking and Verifying: A Framework for Real-Time and High Accuracy Visual Tracking. , 2017, , .		249
423	A fast hand motion detection based on FIFO. , 2017, , .		1
424	Group Re-identification via Unsupervised Transfer of Sparse Features Encoding. , 2017, , .		36
425	Robust visual tracking with a freely-moving event camera. , 2017, , .		49
426	Correlation Filtering Target Tracking Based on Color and Part Spatial Relation Constraints. , 2017, , .		0
427	Robust visual tracking based on extreme learning machine with multiple kernels features fusion. , 2017, , .		0
428	An efficient method for neuronal tracking in electron microscopy images. , 2017, , .		2
429	Compressive object tracking based on weighted multiple instance learning. , 2017, , .		0
430	Robust visual tracking based on kernelized correlation filters. , 2017, , .		0
431	Tracking vulnerable road users with severe occlusion by adaptive part filter modeling. , 2017, , .		4
432	Automated contact assembly of vessel-mimetic microstructure through position and orientation estimation based on object detection. , 2017, , .		2
433	Responsive Action-based Video Synthesis. , 2017, , .		3
434	Addressing ambiguity in multi-target tracking by hierarchical strategy. , 2017, , .		0
435	Deep convolutional particle filter for visual tracking. , 2017, , .		18

#	ARTICLE	IF	CITATIONS
436	Context-based occlusion detection for robust visual tracking. , 2017, , .		10
437	Depth-weighted correlation method for visual tracking with occlusion detection. , 2017, , .		1
438	A novel object tracker designed based on a complementary framework. , 2017, , .		0
439	Long-term Tracking with Adaptive Correlation Filters for Object Invisibility. , 2017, , .		0
440	ICDAR2017 Robust Reading Challenge on Omnidirectional Video. , 2017, , .		10
441	Combining color feature for scale adaptive correlation filter tracker. , 2017, , .		1
442	Localizing object relatively with discrete wavelet transform feature through a similarity measure. , 2017, , .		0
443	Robust visual tracking via occlusion detection based on staple algorithm. , 2017, , .		8
444	Tracking algorithm of improved spatio-temporal context with particle filter. , 2017, , .		0
445	A novel adaptive kernel correlation filter tracker with multiple feature integration. , 2017, , .		27
446	Spatial-sequential-spectral context awareness tracking. , 2017, , .		1
447	Convolutional neural networks based scale-adaptive kernelized correlation filter for robust visual object tracking. , 2017, , .		2
448	Context-Aware Correlation Filter Tracking. , 2017, , .		433
449	Video2Shop: Exact Matching Clothes in Videos to Online Shopping Images. , 2017, , .		48
450	Multi-task Correlation Particle Filter for Robust Object Tracking. , 2017, , .		308
451	Discriminative Correlation Filter with Channel and Spatial Reliability. , 2017, , .		595
452	ECO: Efficient Convolution Operators for Tracking. , 2017, , .		1,704
453	A unique target representation and voting mechanism for visual tracking. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
454	Comp-LOP: Complex form of local orientation plane for object tracking. , 2017, , .		1
455	Hybrid structure hypergraph for online deformable object tracking. , 2017, , .		1
456	Long-term object tracking based on siamese network. , 2017, , .		4
457	Siamese recurrent architecture for visual tracking. , 2017, , .		7
458	Single object tracking using offline trained deep regression networks. , 2017, , .		16
459	2D visual tracking for sports UAV cinematography applications. , 2017, , .		11
460	Performance analysis of data fusion methods for radar andIRST 3D target tracking. , 2017, , .		2
461	Adaptively self-driving tracking algorithm based on particle filter. , 2017, , .		2
462	Characteristic Modeling of TOA Ranging Error in Rotating Anchor-Based Relative Positioning. IEEE Sensors Journal, 2017, 17, 7945-7953.	4.7	15
463	Monocular Video-Based Trailer Coupler Detection Using Multiplexer Convolutional Neural Network. , 2017, , .		10
464	Non-rigid Object Tracking via Deformable Patches Using Shape-Preserved KCF and Level Sets. , 2017, , .		12
465	Multiple feature fused for visual tracking via correlation filters. , 2017, , .		4
466	CREST: Convolutional Residual Learning for Visual Tracking. , 2017, , .		400
467	Detect to Track and Track to Detect. , 2017, , .		357
468	Online Multi-object Tracking Using CNN-Based Single Object Tracker with Spatial-Temporal Attention Mechanism. , 2017, , .		255
469	Mutual Enhancement for Detection of Multiple Logos in Sports Videos. , 2017, , .		18
470	A robust tracking method based on the correlation filter and correcting strategy. , 2017, , .		0
471	Beyond Standard Benchmarks: Parameterizing Performance Evaluation in Visual Object Tracking. , 2017, , .		13

#	ARTICLE	IF	CITATIONS
472	Attentional Correlation Filter Network for Adaptive Visual Tracking. , 2017, , .		222
473	Tracking by Natural Language Specification. , 2017, , .		67
474	ROAM: A Rich Object Appearance Model with Application to Rotoscoping. , 2017, , .		3
475	Bootstrapping Labelled Dataset Construction for Cow Tracking and Behavior Analysis. , 2017, , .		5
476	Object tracking with kernel correlation filters based on mean shift. , 2017, , .		5
477	Learning binary code features for UAV target tracking. , 2017, , .		1
478	RGB-D camera-based tracking system for an amphibious spherical robot. , 2017, , .		1
479	4-DoF Tracking for Robot Fine Manipulation Tasks. , 2017, , .		4
480	Object tracking via online trajectory optimization with multi-feature fusion. , 2017, , .		7
481	Scale-Adaptive Regression Position Prediction Tracking. , 2017, , .		0
482	Compressive tracking with locality sensitive histograms features. , 2017, , .		2
483	Real-Time Ensemble-Based Tracker with Kalman Filter. , 2017, , .		11
484	Correlation filter based fisheye video target tracking with adaptive weighted feature integration. , 2017, , .		2
485	Robust target detection, tracking and following for an indoor mobile robot. , 2017, , .		1
486	A novel autonomous navigation approach for UAV power line inspection. , 2017, , .		21
487	Capturing Handwritten Ink Strokes with a Fast Video Camera. , 2017, , .		3
488	A human-following approach using binocular camera. , 2017, , .		9
489	A simple way to broaden objects search area for tracking methods based on discriminative correlation filters. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
490	Distracter-aware correlation filter tracking. , 2017, , .		0
491	Sparse selective kernelized correlation filter model for visual object tracking. , 2017, , .		1
492	Object tracking with adaptive elastic net regression. , 2017, , .		2
493	Object-oriented stripe structured-light vision-guided robot. , 2017, , .		1
494	Robust Visual Tracking Using Oblique Random Forests. , 2017, , .		53
495	Learning Dynamic Siamese Network for Visual Object Tracking. , 2017, , .		580
496	Ultra-wideband aided fast localization and mapping system. , 2017, , .		55
497	Long-term reliable visual tracking with UAVs. , 2017, , .		7
498	On-road vehicle tracking using part-based particle filter. , 2017, , .		4
499	Object trajectory proposal. , 2017, , .		8
500	Thermal Sensor-Based Multiple Object Tracking for Intelligent Livestock Breeding. IEEE Access, 2017, 5, 27453-27463.	4.2	18
501	Robust multiple object tracking in RGB-D camera networks. , 2017, , .		6
502	Deep-learning-assisted visualization for live-cell images. , 2017, , .		1
503	Action-Decision Networks for Visual Tracking with Deep Reinforcement Learning. , 2017, , .		336
504	UCT: Learning Unified Convolutional Networks for Real-Time Visual Tracking. , 2017, , .		49
505	Correlation Filters with Weighted Convolution Responses. , 2017, , .		95
506	Recurrent Filter Learning for Visual Tracking. , 2017, , .		57
507	Robust UAV-Based Tracking Using Hybrid Classifiers. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
508	Visual object tracking based on particle filter re-detection. , 2017, , .		1
509	The Benefits of Evaluating Tracker Performance Using Pixel-Wise Segmentations. , 2017, , .		2
510	Integrating Boundary and Center Correlation Filters for Visual Tracking with Aspect Ratio Variation. , 2017, , .		86
511	Feature-Based Efficient Moving Object Detection for Low-Altitude Aerial Platforms. , 2017, , .		13
512	Online visual tracking with high-order pooling. , 2017, , .		0
513	Need for Speed: A Benchmark for Higher Frame Rate Object Tracking. , 2017, , .		255
514	Learning Background-Aware Correlation Filters for Visual Tracking. , 2017, , .		790
515	Transitive Invariance for Self-Supervised Visual Representation Learning. , 2017, , .		103
516	Learning Policies for Adaptive Tracking with Deep Feature Cascades. , 2017, , .		166
517	Layered Multitask Tracker via Spatial-Temporal Laplacian Graph. IEEE Signal Processing Letters, 2017, 24, 1768-1772.	3.6	0
518	Scaled Context Region for Correlation Filter Tracking. , 2017, , .		1
519	[POSTER] DotWarp: Dynamic Object Timewarping for Video See-Through Augmented Reality. , 2017, , .		3
520	BranchOut: Regularization for Online Ensemble Tracking with Convolutional Neural Networks. , 2017, , .		105
521	A Lightweight Discriminative Tracker Based on Classification and Similarity. , 2017, , .		0
522	Robust real-time visual tracking using dual-frame deep comparison network integrated with correlation filters. , 2017, , .		11
523	On vision enabled aerial manipulation for multirotors. , 2017, , .		7
524	A scale adaptive underwater target tracking algorithm. , 2017, , .		0
525	Visual perception based adaptive feature fusion for visual object tracking. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
526	Hyper-Feature Based Tracking with the Fully-Convolutional Siamese Network. , 2017, , .		4
527	Robust Real-Time Visual Object Tracking via Multi-Scale Fully Convolutional Siamese Networks. , 2017, , .		3
528	An Adaptive KCF Tracking Via Multi-feature Fusion. , 2017, , .		1
529	A Cascade Tracking Algorithm Based on Artificial Beacon and HOG Features. , 2017, , .		0
530	Dynamical Facial Expression Recognition by Integrating 3D Spatial-Temporal Network and Static Network. , 2017, , .		0
531	Pixel-Based Color Model for Robust Tracking. , 2017, , .		0
532	Research on regional intrusion prevention and control system based on target tracking. Journal of Physics: Conference Series, 2017, 887, 012076.	0.4	0
533	Extended Kernelized Correlation Tracking with Target Enhancement and Sample Selection. , 2017, , .		1
534	Method and Implementation of Target Tracking Based on Correlation Filter. , 2017, , .		0
535	Visual tracking via sparse coding and spectral residual. , 2017, , .		0
536	High Confidence Staple for Visual Tracking. , 2017, , .		1
537	New perspectives in face correlation research: a tutorial. Advances in Optics and Photonics, 2017, 9, 1.	25.5	47
538	Object Tracking by a Combination of Discriminative Global and Generative Multi-Scale Local Models. Information (Switzerland), 2017, 8, 43.	2.9	2
539	Robust Scale Adaptive Tracking by Combining Correlation Filters with Sequential Monte Carlo. Sensors, 2017, 17, 512.	3.8	9
540	Multi-View Structural Local Subspace Tracking. Sensors, 2017, 17, 666.	3.8	5
541	Object Tracking Using Local Multiple Features and a Posterior Probability Measure. Sensors, 2017, 17, 739.	3.8	7
542	Visual Detection and Tracking System for a Spherical Amphibious Robot. Sensors, 2017, 17, 870.	3.8	41
543	Remote Marker-Based Tracking for UAV Landing Using Visible-Light Camera Sensor. Sensors, 2017, 17, 1987.	3.8	41

#	ARTICLE	IF	CITATIONS
544	A Reliable and Real-Time Tracking Method with Color Distribution. Sensors, 2017, 17, 2303.	3.8	15
545	Alleviate Similar Object in Visual Tracking via Online Learning Interference-Target Spatial Structure. Sensors, 2017, 17, 2382.	3.8	1
546	Consistently Sampled Correlation Filters with Space Anisotropic Regularization for Visual Tracking. Sensors, 2017, 17, 2889.	3.8	3
547	Deep Correlation Tracking with Backtracking. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 1601-1605.	0.3	0
548	Extracting Coarse Body Movements from Video in Music Performance: A Comparison of Automated Computer Vision Techniques with Motion Capture Data. Frontiers in Digital Humanities, 2017, 4, .	1.2	15
549	Scale Adaptive Kernelized Correlation Filter Tracker with Feature Fusion. Mathematical Problems in Engineering, 2017, 2017, 1-8.	1.1	12
550	Robust Visual Tracking Using the Bidirectional Scale Estimation. Mathematical Problems in Engineering, 2017, 2017, 1-10.	1.1	0
551	Multiple face tracking method in the wild using color histogram features. , 2017, , .		2
552	Surrogate Safety Analysis of Pedestrian-Vehicle Conflict at Intersections Using Unmanned Aerial Vehicle Videos. Journal of Advanced Transportation, 2017, 2017, 1-12.	1.7	62
553	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
554	Visual Tracking Based on Complementary Learners with Distractor Handling. Mathematical Problems in Engineering, 2017, 2017, 1-13.	1.1	5
555	Visual Vehicle Tracking Based on Deep Representation and Semisupervised Learning. Journal of Sensors, 2017, 2017, 1-6.	1.1	1
556	Effective Visual Tracking Using Multi-Block and Scale Space Based on Kernelized Correlation Filters. Sensors, 2017, 17, 433.	3.8	9
557	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
558	Effect of contextual information on object tracking. , 2017, , .		0
559	Scene-Aware Adaptive Updating for Visual Tracking via Correlation Filters. Sensors, 2017, 17, 2626.	3.8	13
560	Current progress in discriminative object tracking. , 2017, , .		0
561	Multiple objects tracking based on multiple information integration. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
562	3D Tracker-Level Fusion for Robust RGB-D Tracking. IEICE Transactions on Information and Systems, 2017, E100.D, 1870-1881.	0.7	0
563	Resolving occlusion ambiguity by combining Kalman tracking with feature tracking for image sequences. , 2017, , .		1
564	Multiple Object Tracking with Kernelized Correlation Filters in Urban Mixed Traffic. , 2017, , .		15
565	Efficient Version-Space Reduction for Visual Tracking. , 2017, , .		1
566	Robust and real-time deep tracking via multi-scale domain adaptation. , 2017, , .		8
567	Fast visual object tracking via correlation filter and binary descriptors. , 2017, , .		0
568	Ensemble Tracking Based on CNN. , 2017, , .		1
569	Symbiotic Tracker Ensemble with Feedback Learning. , 2017, , .		0
570	PGT: Proposal-guided object tracking. , 2017, , .		0
571	Research on multi-scale tracking technology of insulator. , 2017, , .		0
572	A comparison study on the adaptive scale estimation of correlation filter-based visual tracking methods. , 2017, , .		0
573	A comparison study of adaptive scale estimation in correlation filter-based visual tracking methods. Robotics and Biomimetics, 2017, 4, 11.	1.7	2
574	Real-time accurate pedestrian circular tracking with UAV. , 2017, , .		0
575	Three-dimensional Object Tracking in RGB Datasets. , 2017, , .		0
576	An improved spatio-temporal context tracking algorithm combining LK optical flow. , 2017, , .		1
577	Non-iterative SLAM. , 2017, , .		16
578	Experimental evaluation of feature channels for object tracking in RGB and thermal imagery using correlation filter. , 2017, , .		0
579	Vehicle Tracking in Wide Area Motion Imagery using KC- LoFT Multi-Feature Discriminative Modeling. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
580	A Cost-Effective, Fast, and Robust Annotation Tool. , 2017, , .		1
581	Kernelized convex hull for visual tracking. , 2017, , .		0
582	DEEP-SEE: Joint Object Detection, Tracking and Recognition with Application to Visually Impaired Navigational Assistance. Sensors, 2017, 17, 2473.	3.8	55
583	BACKGROUND NORMALIZATION AND TEXTURE PATTERN-BASED VIDEO SEGMENTATION FOR VISUAL TRACKING. International Research Journal of Pharmacy, 2017, 8, 184-195.	0.2	0
584	<i>>An improved multiple target tracking method in the pigpen based on kernel correlation filter by thermal infrared video<i>>. , 2017, , .		0
585	Object Tracking based on Quantum Particle Swarm Optimization. , 2017, , .		5
586	Low-Rank Representation with Graph Constraints for Robust Visual Tracking. IEICE Transactions on Information and Systems, 2017, E100.D, 1325-1338.	0.7	3
587	Large displacement object tracking via annealed kernel correlation filter. , 2017, , .		2
588	Object Tracking by Branched Correlation Filters and Particle Filter. , 2017, , .		4
589	Robust and Real-Time Visual Tracking Based on Complementary Learners. Lecture Notes in Computer Science, 2018, , 213-225.	1.3	0
590	REVT: Robust and Efficient Visual Tracking by Region-Convolutional Regression Network. Lecture Notes in Computer Science, 2018, , 440-452.	1.3	1
591	SPiKeS: Superpixel-Keypoints structure for robust visual tracking. Machine Vision and Applications, 2018, 29, 175-186.	2.7	1
592	A hybrid tracking framework based on kernel correlation filtering and particle filtering. Neurocomputing, 2018, 297, 40-49.	5.9	19
593	Robust Object Tracking via Large Margin and Scale-Adaptive Correlation Filter. IEEE Access, 2018, 6, 12642-12655.	4.2	14
594	Fast Fourier Transform Networks for Object Tracking Based on Correlation Filter. IEEE Access, 2018, 6, 6594-6601.	4.2	5
595	Dual-Graph Regularized Discriminative Multitask Tracker. IEEE Transactions on Multimedia, 2018, 20, 2303-2315.	7.2	4
596	Robust kernelized correlation filter with scale adaption for real-time single object tracking. Journal of Real-Time Image Processing, 2018, 15, 583-596.	3.5	8
597	Collaborative Convolution Operators for Real-Time Coarse-to-Fine Tracking. IEEE Access, 2018, 6, 14357-14366.	4.2	10

#	ARTICLE	IF	CITATIONS
598	Performance Evaluation of KCF based Trackers using VOT Dataset. Procedia Computer Science, 2018, 125, 560-567.	2.0	6
599	Action-Driven Visual Object Tracking With Deep Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2239-2252.	11.3	53
600	Scale Adaptive Dense Structural Learning for Visual Object Tracking. , 2018, , .		0
601	Robust real-time visual object tracking via multi-scale fully convolutional Siamese networks. Multimedia Tools and Applications, 2018, 77, 22131-22143.	3.9	7
602	Joint compressive representation for multi-feature tracking. Neurocomputing, 2018, 299, 32-41.	5.9	8
603	Tracking objects using Grassmann manifold appearance modeling based on wireless multimedia sensor networks. International Journal of Distributed Sensor Networks, 2018, 14, 155014771876685.	2.2	0
604	Visual Motion Tracking and Sensor Fusion for Kite Power Systems. Green Energy and Technology, 2018, , 413-438.	0.6	3
605	Instrument detection and pose estimation with rigid part mixtures model in video-assisted surgeries. Medical Image Analysis, 2018, 46, 244-265.	11.6	10
606	Accurate and Real-Time 3-D Tracking for the Following Robots by Fusing Vision and Ultrasonar Information. IEEE/ASME Transactions on Mechatronics, 2018, 23, 997-1006.	5.8	41
607	Structured and weighted multi-task low rank tracker. Pattern Recognition, 2018, 81, 528-544.	8.1	11
608	Robust occlusion-aware part-based visual tracking with object scale adaptation. Pattern Recognition, 2018, 81, 456-470.	8.1	32
609	Object tracking via Online Multiple Instance Learning with reliable components. Computer Vision and Image Understanding, 2018, 172, 25-36.	4.7	8
610	Discriminative Correlation Filter Tracker with Channel and Spatial Reliability. International Journal of Computer Vision, 2018, 126, 671-688.	15.6	271
611	Machine Vision to Alert Roadside Personnel of Night Traffic Threats. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3245-3254.	8.0	1
612	Learning adaptively windowed correlation filters for robust tracking. Journal of Visual Communication and Image Representation, 2018, 51, 104-111.	2.8	15
613	Real-time seam tracking control system based on line laser visions. Optics and Laser Technology, 2018, 103, 182-192.	4.6	56
614	Re ³ S: Real-Time Recurrent Regression Networks for Visual Tracking of Generic Objects. IEEE Robotics and Automation Letters, 2018, 3, 788-795.	5.1	109
615	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
616	Uncertainty Calibrated Markov Chain Monte Carlo Sampler for Visual Tracking Based on Multi-shape Posterior. Journal of Mathematical Imaging and Vision, 2018, 60, 681-691.	1.3	3
617	Visual object tracking with multi-scale superpixels and color-feature guided kernelized correlation filters. Signal Processing: Image Communication, 2018, 63, 44-62.	3.2	17
618	Temporally-adjusted correlation filter-based tracking. Neurocomputing, 2018, 286, 121-129.	5.9	6
619	Kernel correlation filters for visual tracking with adaptive fusion of heterogeneous cues. Neurocomputing, 2018, 286, 109-120.	5.9	26
620	Online classification for object tracking based on superpixel. Neurocomputing, 2018, 286, 88-108.	5.9	3
621	On Space-Time Filtering Framework for Matching Human Actions Across Different Viewpoints. IEEE Transactions on Image Processing, 2018, 27, 1230-1242.	9.8	22
622	Latent Constrained Correlation Filter. IEEE Transactions on Image Processing, 2018, 27, 1038-1048.	9.8	41
623	Contextual Bag-of-Words for Robust Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 1433-1447.	9.8	18
624	Exploiting Spatial-Temporal Locality of Tracking via Structured Dictionary Learning. IEEE Transactions on Image Processing, 2018, 27, 1282-1296.	9.8	17
625	Correlation Particle Filter for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 2676-2687.	9.8	108
626	Robust Tracking and Redetection: Collaboratively Modeling the Target and Its Context. IEEE Transactions on Multimedia, 2018, 20, 889-902.	7.2	18
627	Tracking using Numerous Anchor Points. Machine Vision and Applications, 2018, 29, 247-261.	2.7	1
628	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
629	Laser vision seam tracking system based on image processing and continuous convolution operator tracker. Optics and Lasers in Engineering, 2018, 105, 141-149.	3.8	78
630	Robust kernelised correlation filter tracking with least absolute deviations regression. Electronics Letters, 2018, 54, 138-140.	1.0	2
631	Good Features to Correlate for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 2526-2540.	9.8	114
632	Pedestrian tracking in surveillance video based on modified CNN. Multimedia Tools and Applications, 2018, 77, 24041-24058.	3.9	19
633	Supplementary Virtual Keypoints of Weight-Based Correspondences for Occluded Object Tracking. IEEE Access, 2018, 6, 9140-9146.	4.2	3

#	ARTICLE	IF	CITATIONS
634	Vision-based autonomous navigation approach for unmanned aerial vehicle transmission-line inspection. International Journal of Advanced Robotic Systems, 2018, 15, 172988141775282.	2.1	49
635	Target Learning, Acquisition, and Tracking on a Guided Projectile. , 2018, , .		2
636	The Fusion of Adaptive Color Attributes for Robust Compressive Tracking. Wireless Personal Communications, 2018, 102, 879-894.	2.7	1
637	Iterative Graph Seeking for Object Tracking. IEEE Transactions on Image Processing, 2018, 27, 1809-1821.	9.8	18
638	AR Timewarping. , 2018, , .		4
639	Correlation-Filter Based Scale-Adaptive Visual Tracking With Hybrid-Scheme Sample Learning. IEEE Access, 2018, 6, 125-137.	4.2	12
640	Cascaded Regional Spatio-Temporal Feature-Routing Networks for Video Object Detection. IEEE Access, 2018, 6, 3096-3106.	4.2	12
641	Real-Time Obstacle Detection and Tracking for Sense-and-Avoid Mechanism in UAVs. IEEE Transactions on Intelligent Vehicles, 2018, 3, 185-197.	12.7	44
642	Online single target tracking in WAMI: benchmark and evaluation. Multimedia Tools and Applications, 2018, 77, 10939-10960.	3.9	7
643	A novel biomedical image indexing and retrieval system via deep preference learning. Computer Methods and Programs in Biomedicine, 2018, 158, 53-69.	4.7	26
644	Multiple Pedestrian Tracking From Monocular Videos in an Interacting Multiple Model Framework. IEEE Transactions on Image Processing, 2018, 27, 1361-1375.	9.8	30
645	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
646	Robust Object Tracking by Nonlinear Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4769-4781.	11.3	15
647	Real-Time Scalable Visual Tracking via Quadrangle Kernelized Correlation Filters. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 140-150.	8.0	49
648	Gigapixel Panorama Video Loops. ACM Transactions on Graphics, 2018, 37, 1-15.	7.2	12
649	Learning spatially correlation filters based on convolutional features via PSO algorithm and two combined color spaces for visual tracking. Applied Intelligence, 2018, 48, 2837-2846.	5.3	14
650	Online discriminative dictionary learning for robust object tracking. Neurocomputing, 2018, 275, 1801-1812.	5.9	13
651	Visual object tracking via coefficients constrained exclusive group LASSO. Machine Vision and Applications, 2018, 29, 749-763.	2.7	7

#	ARTICLE	IF	CITATIONS
652	Real-Time RGB-D Visual Tracking With Scale Estimation and Occlusion Handling. IEEE Access, 2018, 6, 24256-24263.	4.2	7
653	Robust Visual Tracking via Semiadaptive Weighted Convolutional Features. IEEE Signal Processing Letters, 2018, 25, 670-674.	3.6	5
654	Convolutional Regression for Visual Tracking. IEEE Transactions on Image Processing, 2018, 27, 3611-3620.	9.8	41
655	Learning spatio-temporal context via hierarchical features for visual tracking. Signal Processing: Image Communication, 2018, 66, 50-65.	3.2	6
656	Learning Deconvolutional Network for Object Tracking. IEEE Access, 2018, 6, 18032-18041.	4.2	13
657	Robust Fusion of Color and Depth Data for RGB-D Target Tracking Using Adaptive Range-Invariant Depth Models and Spatio-Temporal Consistency Constraints. IEEE Transactions on Cybernetics, 2018, 48, 2485-2499.	9.5	29
658	Adaptive Long-Term Object Tracking for Real-Time Visual Search in Multimedia Surveillance. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 388-397.	0.3	0
659	Neighborhood Rough Filter and Intuitionistic Entropy in Unsupervised Tracking. IEEE Transactions on Fuzzy Systems, 2018, 26, 2188-2200.	9.8	18
660	<i>UniverSense</i>. , 2018, , .		24
661	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
662	Online object tracking via motion-guided convolutional neural network (MGNet). Journal of Visual Communication and Image Representation, 2018, 53, 180-191.	2.8	13
663	Adaptive Online Learning Based Robust Visual Tracking. IEEE Access, 2018, 6, 14790-14798.	4.2	8
664	Three-step-ahead prediction for object tracking. Image and Vision Computing, 2018, 75, 11-20.	4.5	2
665	Visual tracking via Boolean map representations. Pattern Recognition, 2018, 81, 147-160.	8.1	35
666	Vehicle Tracking at Nighttime by Kernelized Experts With Channel-Wise and Temporal Reliability Estimation. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3159-3169.	8.0	8
667	Automatic matching of construction onsite resources under camera views. Automation in Construction, 2018, 91, 206-215.	9.8	24
668	Robust online object tracking via the convex hull representation model. Neurocomputing, 2018, 289, 44-54.	5.9	2
669	Robust Visual Tracking Revisited: From Correlation Filter to Template Matching. IEEE Transactions on Image Processing, 2018, 27, 2777-2790.	9.8	60

#	ARTICLE	IF	CITATIONS
670	Mouse face tracking using convolutional neural networks. IET Computer Vision, 2018, 12, 153-161.	2.0	5
671	Real-Time Long-Term Tracking With Prediction-Detection-Correction. IEEE Transactions on Multimedia, 2018, 20, 2289-2302.	7.2	36
672	Robust Visual Tracking Based on Convex Hull with EMD-L1. Pattern Recognition and Image Analysis, 2018, 28, 44-52.	1.0	2
673	Robust object tracking via superpixels and keypoints. Multimedia Tools and Applications, 2018, 77, 25109-25129.	3.9	5
674	Accurate target tracking via Gaussian sparsity and locality-constrained coding in heavy occlusion. Multimedia Tools and Applications, 2018, 77, 26485-26507.	3.9	0
675	When correlation filters meet fully-convolutional Siamese networks for distractor-aware tracking. Signal Processing: Image Communication, 2018, 64, 107-117.	3.2	11
676	Visual tracking using locality-constrained linear coding under a particle filtering framework. IET Computer Vision, 2018, 12, 196-207.	2.0	4
677	Tracking occluded objects using chromatic co-occurrence matrices and particle filter. Signal, Image and Video Processing, 2018, 12, 1227-1235.	2.7	3
678	Target tracking approach via quantum genetic algorithm. IET Computer Vision, 2018, 12, 241-251.	2.0	11
679	Snatch theft detection in unconstrained surveillance videos using action attribute modelling. Pattern Recognition Letters, 2018, 108, 56-61.	4.2	46
680	Corrected Continuous Correlation Filter for Long-Term Tracking. IEEE Access, 2018, 6, 11959-11969.	4.2	6
681	P2T: Part-to-Target Tracking via Deep Regression Learning. IEEE Transactions on Image Processing, 2018, 27, 3074-3086.	9.8	42
682	Fast Online Tracking With Detection Refinement. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 162-173.	8.0	78
683	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
684	Coupled-layer based visual tracking via adaptive kernelized correlation filters. Visual Computer, 2018, 34, 41-54.	3.5	11
685	Selective Sampling Importance Resampling Particle Filter Tracking With Multibag Subspace Restoration. IEEE Transactions on Cybernetics, 2018, 48, 264-276.	9.5	14
686	Content-Driven Associative Memories for Color Image Patterns. IEEE Transactions on Cybernetics, 2018, 48, 139-150.	9.5	3
687	Correlation Filter Learning Toward Peak Strength for Visual Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1290-1303.	9.5	45

#	ARTICLE	IF	CITATIONS
688	Manifold Regularized Correlation Object Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1786-1795.	11.3	37
689	Discriminative anisotropic propagation with heat source estimation for robust object tracking. Neural Computing and Applications, 2018, 29, 1267-1279.	5.6	1
690	Inverse Nonnegative Local Coordinate Factorization for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1752-1764.	8.3	13
691	Constrained Superpixel Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1030-1041.	9.5	31
692	Robust tracking based on H-CNN with low-resource sampling and scaling by frame-wise motion localization. Multimedia Tools and Applications, 2018, 77, 18781-18800.	3.9	0
693	Binary Quadratic Programing for Online Tracking of Hundreds of People in Extremely Crowded Scenes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 568-581.	13.9	30
694	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
695	A Comprehensive Performance Evaluation of Deformable Face Tracking â€œIn-the-Wildâ€ International Journal of Computer Vision, 2018, 126, 198-232.	15.6	79
696	Tracking With Static and Dynamic Structured Correlation Filters. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2861-2869.	8.3	15
697	Cracker: A Graph-Based Planar Object Tracker. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1494-1501.	13.9	50
698	Visual Tracking via Nonlocal Similarity Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2826-2835.	8.3	9
699	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
700	CLBP for scale and orientation adaptive mean shift tracking. Journal of King Saud University - Computer and Information Sciences, 2018, 30, 416-429.	3.9	8
701	Unconstrained Still/Video-Based Face Verification with Deep Convolutional Neural Networks. International Journal of Computer Vision, 2018, 126, 272-291.	15.6	38
702	Global-patch-hybrid template-based arbitrary object tracking with integral channel features. Applied Intelligence, 2018, 48, 300-314.	5.3	11
703	Robust Visual Tracking via Multi-Scale Spatio-Temporal Context Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2849-2860.	8.3	17
704	Deformable Parts Correlation Filters for Robust Visual Tracking. IEEE Transactions on Cybernetics, 2018, 48, 1849-1861.	9.5	67
705	Visual object tracking by correlation filters and online learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 140, 77-89.	11.1	30

#	ARTICLE	IF	CITATIONS
706	Towards Occlusion Handling: Object Tracking With Background Estimation. IEEE Transactions on Cybernetics, 2018, 48, 2086-2100.	9.5	19
707	Online structural learning with dense samples and a weighting kernel. Pattern Recognition Letters, 2018, 105, 59-66.	4.2	8
708	Visual tracking using global sparse coding and local convolutional features. , 2018, 72, 115-125.		7
709	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
710	A fusion framework to estimate plantar ground force distributions and ankle dynamics. Information Fusion, 2018, 41, 255-263.	19.1	11
711	How do deep convolutional features affect tracking performance: an experimental study. Visual Computer, 2018, 34, 1701-1711.	3.5	9
712	Coarse-to-fine visual tracking with PSR and scale driven expert-switching. Neurocomputing, 2018, 275, 1456-1467.	5.9	1
713	Improved kernelized correlation filter tracking by using spatial regularization. Journal of Visual Communication and Image Representation, 2018, 50, 74-82.	2.8	10
714	Visual tracking using Siamese convolutional neural network with region proposal and domain specific updating. Neurocomputing, 2018, 275, 2645-2655.	5.9	22
715	Fusing two-stream convolutional neural networks for RGB-T object tracking. Neurocomputing, 2018, 281, 78-85.	5.9	90
716	Deep visual tracking: Review and experimental comparison. Pattern Recognition, 2018, 76, 323-338.	8.1	419
717	Vision-Based Control for an AUV in a Multi-robot Undersea Intervention Task. Advances in Intelligent Systems and Computing, 2018, , 36-48.	0.6	1
718	Correlation Filters for Detection of Cellular Nuclei in Histopathology Images. Journal of Medical Systems, 2018, 42, 7.	3.6	11
719	Visual Tracking via Subspace Learning: A Discriminative Approach. International Journal of Computer Vision, 2018, 126, 515-536.	15.6	20
720	Manifold constraint transfer for visual structure-driven optimization. Pattern Recognition, 2018, 77, 87-98.	8.1	2
721	Hybrid generative“discriminative hash tracking with spatio-temporal contextual cues. Neural Computing and Applications, 2018, 29, 389-399.	5.6	5
722	Best-Buddies Similarity“Robust Template Matching Using Mutual Nearest Neighbors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1799-1813.	13.9	54
723	Human tracking using joint color-texture features and foreground-weighted histogram. Multimedia Tools and Applications, 2018, 77, 13947-13981.	3.9	3

#	ARTICLE	IF	CITATIONS
724	Multiple Convolutional Neural Networks for Online Visual Tracking. , 2018, , .		0
725	Relaxed Target Representation for Visual Tracking. , 2018, , .		0
726	A Multiple Granular Cascaded Model of Object Tracking Under Surveillance Videos. , 2018, , .		2
727	An Anti-Blocking Particle Filter Tracking Algorithm. , 2018, , .		0
728	A Point-match-based Distance-perception Approach for UAV Autonomous Transmission-line Inspection. , 2018, , .		1
729	Video Analytic Based Health Monitoring for Driver in Moving Vehicle by Extracting Effective Heart Rate Inducing Features. Journal of Advanced Transportation, 2018, 2018, 1-9.	1.7	7
730	A Robust Multi-Pedestrians Tracker Based on the Improved MDP Strategy. , 2018, , .		0
731	Learning Spatial-Aware Regressions for Visual Tracking. , 2018, , .		147
732	Objectness-Aware Tracking via Double-Layer Model. , 2018, , .		6
733	GPU Based Video Object Tracking on PTZ Cameras. , 2018, , .		4
734	Heart Rate Detection Based on Computer Vision. , 2018, , .		0
735	VITAL: Visual Tracking via Adversarial Learning. , 2018, , .		378
736	Function Point Method Based on Hierarchical Convolutional Neural Network. , 2018, , .		0
737	An Updated Anti-Collision System Between Machines in a Stack Yard Using Image Processing Techniques. , 2018, , .		0
738	High Performance Visual Tracking with Siamese Region Proposal Network. , 2018, , .		1,606
739	Multi-Stage Target Tracking with Drift Correction and Position Prediction. Journal of Physics: Conference Series, 2018, 1004, 012010.	0.4	1
740	The Kernel Based Multiple Instances Learning Algorithm for Object Tracking. Electronics (Switzerland), 2018, 7, 97.	3.1	6
741	Directional Correlation Filter Bank for Robust Head Pose Estimation and Face Recognition. Mathematical Problems in Engineering, 2018, 2018, 1-10.	1.1	0

#	ARTICLE	IF	CITATIONS
742	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
743	A New Dataset and Performance Evaluation of a Region-Based CNN for Urban Object Detection. Electronics (Switzerland), 2018, 7, 301.	3.1	18
744	Coupled-Region Visual Tracking Formulation Based on a Discriminative Correlation Filter Bank. Electronics (Switzerland), 2018, 7, 244.	3.1	2
745	Real-Time Index Authentication for Event-Oriented Surveillance Video Query using Blockchain. , 2018, , .		47
746	High-frame-rate Target Tracking with CNN-based Object Recognition. , 2018, , .		7
747	Real-Time Underwater Fish Tracking Based on Adaptive Multi-Appearance Model. , 2018, , .		7
748	Scale Adaptive Distractor Aware Visual Object Tracker. , 2018, , .		0
749	Occlusion Detection for Long Term Visual Tracking. , 2018, , .		1
750	A Benchmark for Action Recognition of Large Animals. , 2018, , .		1
751	Context-Aware Deep Feature Compression for High-Speed Visual Tracking. , 2018, , .		157
752	Correlation Tracking via Joint Discrimination and Reliability Learning. , 2018, , .		136
753	Pedestrian Tracking Based on HSV Color Features and Reconstruction by Contributions. , 2018, , .		2
754	Deep Directional Network for Object Tracking. Algorithms, 2018, 11, 178.	2.1	1
755	Matching Pixels Using Co-occurrence Statistics. , 2018, , .		28
756	An Automatic Tracking Method for Multiple Cells Based on Multi-Feature Fusion. IEEE Access, 2018, 6, 69782-69793.	4.2	4
757	Real-time Pedestrian Traffic Light Detection. , 2018, , .		7
758	Online Model Adaptation for UAV Tracking with Convolutional Neural Network. , 2018, , .		4
759	Robust visual tracking via two-stage binocular sparse learning. Journal of Engineering, 2018, 2018, 1606-1611.	1.1	2

#	ARTICLE	IF	CITATIONS
760	A Novel Monocular-Based Navigation Approach for UAV Autonomous Transmission-Line Inspection. , 2018, , .		31
761	Object-Adaptive LSTM Network for Visual Tracking. , 2018, , .		1
762	A Robust Real-Time System for Multi-Intensity AU Detection in Facial Expression Recognition. , 2018, , .		0
763	A Universal Gripper Using Optical Sensing to Acquire Tactile Information and Membrane Deformation. , 2018, , .		21
764	Accurate Scale Adaptive and Real-Time Visual Tracking with Correlation Filters. IEICE Transactions on Information and Systems, 2018, E101.D, 2855-2858.	0.7	3
765	Learning Attentions: Residual Attentional Siamese Network for High Performance Online Visual Tracking. , 2018, , .		390
766	Correlation Filter Based Moving Object Tracking With Scale Adaptation and Online Re-Detection. IEEE Access, 2018, 6, 75244-75258.	4.2	16
767	A Review of Target Tracking Algorithm Based on UAV. , 2018, , .		17
768	Learning Collaborative Model for Visual Tracking. , 2018, , .		0
769	Real-Time Detecting Method of Marine Small Object with Underwater Robot Vision. , 2018, , .		14
770	Deep Activation Feature Maps for Visual Object Tracking. , 2018, , .		0
771	Accurate Specified-Pedestrian Tracking from Unmanned Aerial Vehicles. , 2018, , .		5
772	Real-Time Tumor Tracking for Pencil Beam Scanning Proton Therapy. , 2018, , .		1
773	Siamese Networks with Discriminant Correlation Filters and Channel Attention. , 2018, , .		3
774	A Fast Object Tracker Based on Integrated Multiple Features and Dynamic Learning Rate. Mathematical Problems in Engineering, 2018, 2018, 1-14.	1.1	8
775	Particle Filter Based Object Tracking of 3D Sparse Point Clouds for Autopilot. , 2018, , .		3
776	Visual Object Tracking: The Initialisation Problem. , 2018, , .		3
777	Visual object tracking: in the simultaneous presence of scale variation and occlusion. Systems Science and Control Engineering, 2018, 6, 456-466.	3.1	10

#	ARTICLE	IF	CITATIONS
778	Online Multi-Object Tracking via Combining Discriminative Correlation Filters With Making Decision. IEEE Access, 2018, 6, 43499-43512.	4.2	12
779	Method of optimal directions for visual tracking. , 2018, , .		1
780	Target Tracking Based on Improved STRCF Algorithm. , 2018, , .		0
781	Extending IOU Based Multi-Object Tracking by Visual Information. , 2018, , .		125
782	An Improved Kernelized Correlation Filter Algorithm for Underwater Target Tracking. Applied Sciences (Switzerland), 2018, 8, 2154.	2.5	8
783	Robust Scalable Part-Based Visual Tracking for UAV with Background-Aware Correlation Filter. , 2018, , .		7
784	Person Tracking and Frontal Face Capture with UAV. , 2018, , .		13
785	An Object Tracking Algorithm Based on SRDCF and Deformable Diversity Similarity. , 2018, , .		2
786	Activity Recognition Based on RGB-D and Thermal Sensors for Socially Assistive Robots. , 2018, , .		4
787	Object Tracking via Unified Deep Background-Aware Correlation Filter. , 2018, , .		0
788	An Online and Flexible Multi-object Tracking Framework Using Long Short-Term Memory. , 2018, , .		19
789	Real-Time Experimental Study of Kernelized Correlation Filter Tracker using RGB Kinect Camera. , 2018, , .		2
790	Understanding Tracking Methodology of Kernelized Correlation Filter. , 2018, , .		8
791	A Target Tracking Method Based on KCF for Omnidirectional Vision. , 2018, , .		8
792	Fully-Automatic Camera-Based Pulse-Oximetry During Sleep. , 2018, , .		19
793	Adaptive Object Tracking via Multi-Angle Analysis Collaboration. Sensors, 2018, 18, 3606.	3.8	2
794	Active Collaboration of Classifiers for Visual Tracking. , 2018, , .		0
795	Twofold Correlation Filtering for Tracking Integration. IEICE Transactions on Information and Systems, 2018, E101.D, 2547-2550.	0.7	0

#	ARTICLE	IF	CITATIONS
796	Robust Scale Adaptive Visual Tracking with Correlation Filters. Applied Sciences (Switzerland), 2018, 8, 2037.	2.5	1
797	A Real-time RGB-D tracker based on KCF. , 2018, , .		3
798	Visual Tracking Algorithm for Aircrafts in Airport. , 2018, , .		2
799	Occlusion detection via correlation filters for robust object tracking. Journal of Engineering, 2018, 2018, 375-384.	1.1	3
800	Data Augmentation using GAN for Multi-Domain Network-based Human Tracking. , 2018, , .		4
801	Learning Multi-Domain Convolutional Network for RGB-T Visual Tracking. , 2018, , .		12
802	Efficient Recurrent Detection for Visual Tracking. , 2018, , .		0
803	Appearance Variation Insensitive State Regression for Visual Tracking. , 2018, , .		1
804	Hybrid Sparse Subspace Clustering for Visual Tracking. , 2018, , .		0
805	Visual Tracking Based on Correlation Filter and Robust Coding in Bilateral 2DPCA Subspace. IEEE Access, 2018, 6, 73052-73067.	4.2	1
806	Memory network for tracking with deep regression. , 2018, , .		1
807	Online adaptive complementation tracker. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	2.4	1
808	Design and Implementation of an Automatic Vehicle for Thermographic Inspections in Electric Distribution Network Using Deep Learning Based Software. , 2018, , .		2
809	Dance of the Dragonfly: A Vision-Based Agile Aerial Touch Solution for IARC Mission 7. , 2018, , .		0
810	Context-Aware Correlation Filter for Visual Tracking with Deep Convolution Features. , 2018, , .		0
811	Visual Tracking via Multi-view Semi-supervised Learning. , 2018, , .		0
812	An Anti-occlusion Correlation Filtering Tracking Algorithm for UAV. , 2018, , .		0
813	Robust Spatio-temporal Context Tracking Algorithm Based on Correlation Filter*. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
814	Multi-scale representation based on convolutional neural networks for tracking. , 2018, , .		0
815	Scale Adaptive Kernel Correlation Filter Tracking Algorithm Combined with Learning Rate Adjustment. MATEC Web of Conferences, 2018, 232, 03016.	0.2	2
816	Binocular Camera-based a Docking System for an Amphibious Spherical Robot. , 2018, , .		6
817	Coral Identification and Counting with an Autonomous Underwater Vehicle. , 2018, , .		13
818	An Improved Visual Tracking Algorithm Based on Efficient Convolution Operators. , 2018, , .		0
819	LAMV: Learning to Align and Match Videos with Kernelized Temporal Layers. , 2018, , .		29
820	High-Confidence Discrimination via Maximum Response for Object Tracking. , 2018, , .		1
821	Deep GoogLeNet Features for Visual Object Tracking. , 2018, , .		22
822	User-Perspective Rendering for Handheld Applications. , 2018, , .		0
823	Failure Discrimination Mechanism Joint Blocking Training for Target Tracking. , 2018, , .		0
824	Optimization of Face Tracking Based on KCF and Camshift. Procedia Computer Science, 2018, 131, 158-166.	2.0	10
825	GPU Cuda JSEG Segmentation Algorithm associated with Deep Learning Classifier for Electrical Network Images Identification. Procedia Computer Science, 2018, 126, 557-565.	2.0	6
826	Real-time Anomaly Detection with HMOF Feature. , 2018, , .		3
827	Detection and classification of vehicles for traffic video analytics. Procedia Computer Science, 2018, 144, 259-268.	2.0	81
828	Modification of Tracking Algorithm Struck by the Application of the Scale Estimation Method. , 2018, , .		2
829	Future Person Localization in First-Person Videos. , 2018, , .		111
830	Analyzing Human-Robot Interaction Using Machine Vision for Autism screening. , 2018, , .		11
831	Efficient Subpixel Refinement with Symbolic Linear Predictors. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
832	Kernelized Correlation Filter Tracking with Scale Adaptive Filter and Feature Integration. , 2018, , .		1
833	Visual Tracking with Dynamic Model Update and Results Fusion. , 2018, , .		3
834	Robust Visual Tracking via Hierarchical Convolutional Features-Based Sparse Learning. , 2018, , .		6
835	Long Short Working Memory (LSWM) Integration with Polynomial Connectivity for Object Tracking in Wide Area Motion Imagery. , 2018, , .		0
836	Visual Tracking Algorithm Based on Improved Kernelized Correlation Filters. , 2018, , .		1
837	Long-time Object Tracking Based on Hierarchical Convolution Features. , 2018, , .		0
838	The Study of the Seismic Performance of the Strong-Beam and Weak-Column Shaped Joints of Concrete-Filled Steel Tubular Column and Steel Beams. , 2018, , .		1
839	Object Detection and Tracking based on Recurrent Neural Networks. , 2018, , .		9
840	Non-negative Subspace Representation Learning Scheme for Correlation Filter Based Tracking. , 2018, , .		13
841	Efficient Combining Keypoints and Correlation Filter for Long-Term Tracking. , 2018, , .		0
842	Fast Deep Tracking via Semi-Online Domain Adaptation. Journal of Physics: Conference Series, 2018, 1004, 012013.	0.4	1
843	Robust Distribution Fields Tracking based on Bayesian Mutual Information. , 2018, , .		0
844	A Visual Tracking Algorithm Based on Visual Saliency and Multiple Features Fusion. , 2018, , .		0
845	Long-term Tracking Based on Spatio-Temporal Context Model*. , 2018, , .		0
846	Joint Object Tracking and Segmentation with Independent Convolutional Neural Networks. , 2018, , .		2
847	Robust object tracking using a sparse coadjutant observation model. Multimedia Tools and Applications, 2018, 77, 30969-30991.	3.9	4
848	QUALITY PRESERVING FACE DE-IDENTIFICATION AGAINST DEEP CNNs. , 2018, , .		0
850	Robust Correlation Tracking for UAV Videos via Feature Fusion and Saliency Proposals. Remote Sensing, 2018, 10, 1644.	4.0	9

#	ARTICLE	IF	CITATIONS
851	Tracking and Position of Drogue for Autonomous Aerial Refueling. , 2018, , .		6
852	Part-Based Co-Difference Object Tracking Algorithm for Infrared Videos. , 2018, , .		5
853	VCF: Velocity Correlation Filter, Towards Space-Borne Satellite Video Tracking. , 2018, , .		7
854	Frame-Sub Sampled, Drift-Resilient Long-Term Video Object Tracking. , 2018, , .		1
855	A Saliency-Based Object Tracking Method for UAV Application. Lecture Notes in Computer Science, 2018, , 115-125.	1.3	1
856	Occlusion-robust object tracking based on the confidence of online selected hierarchical features. IET Image Processing, 2018, 12, 2023-2029.	2.5	6
857	Correlation Tracking via Self-Adaptive Fusion of Multiple Features. Information (Switzerland), 2018, 9, 241.	2.9	3
858	Smart Surveillance as an Edge Network Service: From Harr-Cascade, SVM to a Lightweight CNN. , 2018, , .		52
859	Motion-Aware Correlation Filters for Online Visual Tracking. Sensors, 2018, 18, 3937.	3.8	18
860	Training-Based Methods for Comparison of Object Detection Methods for Visual Object Tracking. Sensors, 2018, 18, 3994.	3.8	6
861	An Object Tracking Method by Concatenating Structural SVM and Correlation Filter. , 2018, , .		1
862	A High-Precision Eccentric Tracking Algorithm of Laser Interfering Targets Based on Kernel Correlation Filtering. , 2018, , .		0
863	Correlation Filter Tracking with Multiscale Spatial View. , 2018, , .		3
864	Object Tracking Under Occlusion Using LGEM-Trained SSVM. , 2018, , .		2
865	Occlusion-Aware Correlation Particle Filter Target Tracking Based on RGBD Data. IEEE Access, 2018, 6, 50752-50764.	4.2	10
866	An Online Learning Approach for Robust Motion Tracking in Liver Ultrasound Sequence. Lecture Notes in Computer Science, 2018, , 440-451.	1.3	3
867	SweepLoc. , 2018, 2, 1-25.		14
868	3-D People Counting with a Stereo Camera on GPU Embedded Board. Applied Sciences (Switzerland), 2018, 8, 2017.	2.5	3

#	ARTICLE	IF	CITATIONS
869	Visual Object Tracking For A Nano-scale Quadrotor. , 2018, , .		2
870	Fully-Convolutional Siamese Networks for Football Player Tracking. , 2018, , .		3
871	Deep Features in Correlation Filters for Thermal Image Tracking. , 2018, , .		1
872	Binary Artificial Immune Algorithm for Adaptive Visual Detection. IEEE Access, 2018, 6, 51587-51597.	4.2	2
873	MoVITS: Moroccan Video Intelligent Transport System. , 2018, , .		1
874	Learning Spatial-Temporal Regularized Correlation Filters for Visual Tracking. , 2018, , .		571
875	Fusion of Template Matching and Foreground Detection for Robust Visual Tracking. , 2018, , .		2
876	Soft Mask Correlation Filter for Visual Object Tracking. , 2018, , .		3
877	Exploring Scene Geometry for Scale Adaptive Object Tracking in Surveillance Videos. , 2018, , .		0
878	End-to-End Flow Correlation Tracking with Spatial-Temporal Attention. , 2018, , .		197
879	Multi-cue Correlation Filters for Robust Visual Tracking. , 2018, , .		299
880	Fusing Crowd Density Maps and Visual Object Trackers for People Tracking in Crowd Scenes. , 2018, , .		17
881	Deep Tracking Using Convolutional Features and Adaptive Frame Update. , 2018, , .		0
882	Effect of Annotation on Multiple-Player-Tracking Algorithms. , 2018, , .		0
883	High Stability Tracking with Sparse Location Information. , 2018, , .		0
884	Minimum Barrier Distance-Based Object Descriptor for Visual Tracking. Applied Sciences (Switzerland), 2018, 8, 2233.	2.5	1
885	Tracking-Based Depth Estimation of Metallic Pieces for Robotic Guidance. , 2018, , .		2
886	Activity Recognition from Wearable Cameras. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
887	Fast and Accurate Online Video Object Segmentation via Tracking Parts. , 2018, , .		180
888	Integrating Multi-Level Convolutional Features for Correlation Filter Tracking. , 2018, , .		4
889	Speed Estimation and Abnormality Detection from Surveillance Cameras. , 2018, , .		19
890	MAVBench: Micro Aerial Vehicle Benchmarking. , 2018, , .		38
891	Hyperparameter Optimization for Tracking with Continuous Deep Q-Learning. , 2018, , .		98
892	High-Speed Tracking with Multi-kernel Correlation Filters. , 2018, , .		66
893	Fast Robust Tracking Via Double Correlation Filter Formulation. , 2018, , .		2
894	An Improved Kernelized Correlation Filter Based Visual Tracking Method. Mathematical Problems in Engineering, 2018, 2018, 1-12.	1.1	5
895	UAV Target Tracking with A Boundary-Decision Network. , 2018, , .		4
896	Learning Siamese Network with Top-Down Modulation for Visual Tracking. Lecture Notes in Computer Science, 2018, , 378-388.	1.3	2
897	Fast Object Tracking on a Many-Core Neural Network Chip. Frontiers in Neuroscience, 2018, 12, 841.	2.8	9
898	CT-LSTM. , 2018, , .		2
899	Cross-Layer Convolutional Siamese Network for Visual Tracking. Lecture Notes in Computer Science, 2018, , 146-156.	1.3	0
901	Deep Adaptive Update of Discriminant KCF for Visual Tracking. Lecture Notes in Computer Science, 2018, , 441-451.	1.3	3
903	Online Learning of Spatial-Temporal Convolution Response for Robust Real-Time Tracking. , 2018, , .		0
904	SPCNet: Scale Position Correlation Network for End-to-End Visual Tracking. , 2018, , .		2
905	Joint Identification-Verification Model for Visual Tracking. , 2018, , .		0
906	A Selective Tracking and Detection Framework with Target Enhanced Feature. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
907	Improved Correlation Filter Tracking with Hard Negative Mining. , 2018, , .		1
908	Large Margin Structured Convolution Operator for Thermal Infrared Object Tracking. , 2018, , .		14
909	Long-term Object Tracking with Instance Specific Proposals. , 2018, , .		1
910	OWP: Objectness Weighted Patch Descriptor for Visual Tracking. , 2018, , .		1
911	Identification of ASD Children based on Video Data. , 2018, , .		9
912	A Rigorous Solution for Closed-form Correlation Filter Tracking. , 2018, , .		1
913	Target Tracking Based on Collaborative Learning Kernelized Correlation Filter. , 2018, , .		1
914	Analysis of Special Transport Behavior Using Computer Vision Analysis of Video from Traffic Cameras. Communications in Computer and Information Science, 2018, , 289-301.	0.5	1
915	Foreground Gated Network for Surveillance Object Detection. , 2018, , .		3
916	Virtualot “ A Framework Enabling Real-Time Coordinate Transformation & Occlusion Sensitive Tracking Using UAS Products, Deep Learning Object Detection & Traditional Object Tracking Techniques. , 2018, , .		10
917	Robust Correlation Filter Tracking with Shepherded Instance-Aware Proposals. , 2018, , .		8
918	Complementary Tracking via Dual Color Clustering and Spatio-Temporal Regularized Correlation Learning. IEEE Access, 2018, 6, 56526-56538.	4.2	19
919	Multi-layer CNN Features Aggregation for Real-time Visual Tracking. , 2018, , .		1
920	Object Tracking Based on Kernelized Correlation Filter with HOG and Illumination Invariant Features. , 2018, , .		0
921	Object tracking-based foveated super-resolution convolutional neural network for head mounted display. , 2018, , .		0
922	Long-Term Tracking Based on Multi-Feature Adaptive Fusion for Video Target. IEICE Transactions on Information and Systems, 2018, E101.D, 1342-1349.	0.7	1
923	Fully Convolutional Siamese Fusion Networks for Object Tracking. , 2018, , .		79
924	Hybrid Sensor Network-Based Indoor Surveillance System for Intrusion Detection. Symmetry, 2018, 10, 181.	2.2	4

#	ARTICLE	IF	CITATIONS
925	Scaled and oriented object tracking using ensemble of multilayer perceptrons. Applied Soft Computing Journal, 2018, 73, 1081-1094.	7.2	12
926	Visual object tracking challenges revisited: VOT vs. OTB. PLoS ONE, 2018, 13, e0203188.	2.5	4
927	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
928	Extended cuckoo search-based kernel correlation filter for abrupt motion tracking. IET Computer Vision, 2018, 12, 763-769.	2.0	11
929	Embedding CNN-Based Fast Obstacles Detection for Autonomous Vehicles. , 2018, , .		4
930	Understanding Human-Object Interaction in RGB-D videos for Human Robot Interaction. , 2018, , .		4
931	Correlation Flow: Robust Optical Flow Using Kernel Cross-Correlators. , 2018, , .		13
932	Deep-LK for Efficient Adaptive Object Tracking. , 2018, , .		24
933	Online Learning of Discriminative Correlation Filter Bank for Visual Tracking. Information (Switzerland), 2018, 9, 61.	2.9	3
934	Adaptive Framework for Robust Visual Tracking. IEEE Access, 2018, 6, 55273-55283.	4.2	4
935	Improved kernelized correlation filter algorithm and application in the optoelectronic tracking system. International Journal of Advanced Robotic Systems, 2018, 15, 172988141877658.	2.1	5
936	Robust Visual Tracking via Dirac-Weighted Cascading Correlation Filters. IEEE Signal Processing Letters, 2018, 25, 1700-1704.	3.6	3
937	Adaptively Learning Background-Aware Correlation Filter for Visual Tracking. Communications in Computer and Information Science, 2018, , 517-526.	0.5	1
938	Real-Time "Actor-Critic" Tracking. Lecture Notes in Computer Science, 2018, , 328-345.	1.3	99
939	Visual Object Tracking via Graph Learning and Flexible Manifold Ranking. Lecture Notes in Computer Science, 2018, , 313-323.	1.3	1
940	Two-stage modality-graphs regularized manifold ranking for RGB-T tracking. Signal Processing: Image Communication, 2018, 68, 207-217.	3.2	23
941	Robust Visual Tracking based on Deep Spatial Transformer Features. , 2018, , .		2
942	Spatially Attentive Correlation Filters for Visual Tracking. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
943	A Robust Tracking Algorithm Based on Feature Fusion and Occlusion Judgment. , 2018, , .		0
944	Joint Source and Channel Rate Allocation over Noisy Channels in a Vehicle Tracking Multimedia Internet of Things System. Sensors, 2018, 18, 2858.	3.8	3
945	Visual tracking in video sequences based on biologically inspired mechanisms. Computer Vision and Image Understanding, 2024, 239, 102724.	4.7	2
946	Multi-granularity Hierarchical Attention Siamese Network for Visual Tracking. , 2018, , .		8
947	Object Tracking based on KCF and Sparse Prototypes. , 2018, , .		2
948	Visual Object Tracking Using Structured Sparse PCA-Based Appearance Representation and Online Learning. Sensors, 2018, 18, 3513.	3.8	3
949	Tracking Objects with Severe Occlusion by Adaptive Part Filter Modeling - In Traffic Scenes and Beyond. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 60-73.	3.8	24
950	Learning Adaptive Selection Network for Real-Time Visual Tracking. , 2018, , .		3
951	A Fast Scale Adaptive Kernel Correlation Filter Tracker via Reliable Key Points. , 2018, , .		0
952	Robust Visual Tracking via Patch Descriptor and Structural Local Sparse Representation. Algorithms, 2018, 11, 126.	2.1	0
953	Non-Contact Measurement of the Surface Displacement of a Slope Based on a Smart Binocular Vision System. Sensors, 2018, 18, 2890.	3.8	17
954	Deep Convolutional Particle Filter with Adaptive Correlation Maps for Visual Tracking. , 2018, , .		11
955	Robust Scoring and Ranking of Object Tracking Techniques. , 2018, , .		0
956	Background-Suppressed Correlation Filters for Visual Tracking. , 2018, , .		12
957	Content-Related Spatial Regularization for Visual Object Tracking. , 2018, , .		20
958	Continuity-Discrimination Convolutional Neural Network for Visual Object Tracking. , 2018, , .		1
959	High Confidence Updating Strategy on Staple Trackers. , 2018, , .		0
960	End-to-End Feature Integration for Correlation Filter Tracking With Channel Attention. IEEE Signal Processing Letters, 2018, 25, 1815-1819.	3.6	20

#	ARTICLE	IF	CITATIONS
961	A Passive Heart Rate Measurement Method Using Camera. , 2018, , .		1
962	Gaussian-Staple for Robust Visual Object Real-Time Tracking. Lecture Notes in Computer Science, 2018, , 370-381.	1.3	0
963	Learning Collaborative Sparse Correlation Filter for Real-Time Multispectral Object Tracking. Lecture Notes in Computer Science, 2018, , 462-472.	1.3	0
964	Motion Correlation Discovery for Visual Tracking. IEEE Signal Processing Letters, 2018, 25, 1720-1724.	3.6	2
965	Real-Time Drone Detection Using Deep Learning Approach. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 22-32.	0.3	34
966	Comparing Visual Tracker Fusion on Thermal Image Sequences. , 2018, , .		1
967	Learning Noise-Aware Correlation Filter for Visual Tracking. Communications in Computer and Information Science, 2018, , 210-226.	0.5	0
968	Deep Regression Tracking with Shrinkage Loss. Lecture Notes in Computer Science, 2018, , 369-386.	1.3	155
969	TrackingNet: A Large-Scale Dataset and Benchmark for Object Tracking in the Wild. Lecture Notes in Computer Science, 2018, , 310-327.	1.3	391
970	Partial Block Scheme and Adaptive Update Model for Kernelized Correlation Filters-Based Object Tracking. Applied Sciences (Switzerland), 2018, 8, 1349.	2.5	2
971	Implementation of Self-adaptive Middleware for Mobile Vehicle Tracking Applications on Edge Computing. Lecture Notes in Computer Science, 2018, , 1-15.	1.3	3
972	LCO: Lightweight Convolution Operators for fast tracking. Image and Vision Computing, 2018, 80, 92-101.	4.5	0
973	An Anti-Occlusion Tracking Algorithm. , 2018, , .		0
974	Robust Visual Tracking via Sparse Feature Selection and Weight Dictionary Update. Lecture Notes in Computer Science, 2018, , 484-494.	1.3	0
975	Robust Object Tracking Via Part-Based Correlation Particle Filter. , 2018, , .		3
976	An augmented reality system for technical staff training. , 2018, , .		2
977	Object Tracking Based on Hierarchical Convolutional Features. Communications in Computer and Information Science, 2018, , 729-737.	0.5	0
978	Correlation-Based Face Detection for Recognizing Faces in Videos. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
979	Multi-Object Tracking Using Online Metric Learning with Long Short-Term Memory. , 2018, , .		27
980	A Joint Multi-Feature and Scale-Adaptive Correlation Filter Tracker. IEEE Access, 2018, 6, 34246-34253.	4.2	8
981	Visual tracking via context-aware local sparse appearance model. Journal of Visual Communication and Image Representation, 2018, 56, 92-105.	2.8	11
982	An improved spatio-temporal context tracking algorithm. , 2018, , .		0
983	Generating Reliable Online Adaptive Templates for Visual Tracking. , 2018, , .		11
984	Robust Visual Tracking in Low-Resolution Sequence. , 2018, , .		4
985	Robust Visual Tracking Based on Adaptive Convolutional Features and Offline Siamese Tracker. Sensors, 2018, 18, 2359.	3.8	3
986	Unmanned Aerial Vehicle Object Tracking by Correlation Filter with Adaptive Appearance Model. Sensors, 2018, 18, 2751.	3.8	17
987	Regularisation learning of correlation filters for robust visual tracking. IET Image Processing, 2018, 12, 1586-1594.	2.5	8
988	Frame-Subsampled, Drift-Resilient Video Object Tracking. , 2018, , .		3
989	Fast computing position of maximum of circulant convolution. , 2018, 83, 83-97.		0
990	Plug-and-play correlation filters for visual tracking. , 2018, , .		0
991	A High-Speed Seam Extraction Method Based on the Novel Structured-Light Sensor for Arc Welding Robot: A Review. IEEE Sensors Journal, 2018, 18, 8631-8641.	4.7	39
992	Evaluation of 2D and 3D ultrasound tracking algorithms and impact on ultrasoundâ€guided liver radiotherapy margins. Medical Physics, 2018, 45, 4986-5003.	3.0	43
993	Visual tracking via Graph Regularized Kernel Correlation Filer and Multi-Memory Voting. Journal of Visual Communication and Image Representation, 2018, 55, 688-697.	2.8	2
994	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
995	Robust long-term correlation tracking using convolutional features and detection proposals. Neurocomputing, 2018, 317, 137-148.	5.9	1
996	A Correlation Filter Based Tracker Integrating Adaptive Updating Scheme and Motion Prediction. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
997	Research on UAV Point Landing Based on Visual Navigation. , 2018, , .		1
998	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
999	Using Margin-based Region of Interest Technique with Multi-Task Convolutional Neural Network and Template Matching for Robust Face Detection and Tracking System. , 2018, , .		3
1000	Spatial-temporal adaptive feature weighted correlation filter for visual tracking. Signal Processing: Image Communication, 2018, 67, 58-70.	3.2	8
1001	Online multi-view subspace learning via group structure analysis for visual object tracking. Distributed and Parallel Databases, 2018, 36, 485-509.	1.6	0
1002	Visual tracking using spatio-temporally nonlocally regularized correlation filter. Pattern Recognition, 2018, 83, 185-195.	8.1	41
1003	Object detection and tracking benchmark in industry based on improved correlation filter. Multimedia Tools and Applications, 2018, 77, 29919-29932.	3.9	2
1004	Object tracking in thermal imaging using kemelized correlation filters. , 2018, , .		2
1005	Densely Connected Discriminative Correlation Filters for Visual Tracking. IEEE Signal Processing Letters, 2018, 25, 1019-1023.	3.6	4
1006	Adaptive Correlation Filter Tracking with Weighted Foreground Representation. Lecture Notes in Computer Science, 2018, , 227-237.	1.3	0
1007	Support vector correlation filter with long-term tracking. Signal, Image and Video Processing, 2018, 12, 1541-1549.	2.7	2
1008	Communication Technologies for Vehicles. Lecture Notes in Computer Science, 2018, , .	1.3	0
1009	Visual object tracking based on sequential learning of SVM parameter. , 2018, 79, 102-115.		10
1010	Object Tracking in Vary Lighting Conditions for Fog Based Intelligent Surveillance of Public Spaces. IEEE Access, 2018, 6, 29283-29296.	4.2	73
1011	EnKCF: Ensemble of Kernelized Correlation Filters for High-Speed Object Tracking. , 2018, , .		15
1012	Online CNN-based multiple object tracking with enhanced model updates and identity association. Signal Processing: Image Communication, 2018, 66, 95-102.	3.2	21
1013	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
1014	Salient Region-Based Online Object Tracking. , 2018, , .		40

#	ARTICLE	IF	CITATIONS
1015	Automatic Video Editing: Original Tracking Method Applied to Basketball Players in Video Sequences. Lecture Notes in Computer Science, 2018, , 117-126.	1.3	1
1016	Visual Tracking Using Multi-layer CNN Features Based Discriminant Correlation Filters with Foreground Mask. Lecture Notes in Computer Science, 2018, , 339-347.	1.3	2
1017	Visual attention feature (VAF) : A novel strategy for visual tracking based on cloud platform in intelligent surveillance systems. Journal of Parallel and Distributed Computing, 2018, 120, 182-194.	4.1	73
1018	Visual adaptive tracking for monocular omnidirectional camera. Journal of Visual Communication and Image Representation, 2018, 55, 253-262.	2.8	4
1019	Attentional convolutional neural networks for object tracking. , 2018, , .		0
1020	Real-time visual tracking by deep reinforced decision making. Computer Vision and Image Understanding, 2018, 171, 10-19.	4.7	36
1021	Discriminative tracking via supervised tensor learning. Neurocomputing, 2018, 315, 33-47.	5.9	16
1022	Toward Emergency Indoor Localization: Maximum Correntropy Criterion Based Direction Estimation Algorithm for Mobile TOA Rotation Anchor. IEEE Access, 2018, 6, 35867-35878.	4.2	6
1023	Vehicle Detection in UAV Traffic Video Based on Convolution Neural Network. , 2018, , .		9
1024	PuReST. , 2018, , .		30
1025	Online Video Text Detection with Markov Decision Process. , 2018, , .		8
1026	Target tracking and 3D trajectory acquisition of cabbage butterfly (P. rapae) based on the KCF-BS algorithm. Scientific Reports, 2018, 8, 9622.	3.3	6
1027	CERNTAURO: A Modular Architecture for Robotic Inspection and Telemanipulation in Harsh and Semi-Structured Environments. IEEE Access, 2018, 6, 37506-37522.	4.2	37
1028	Robust Object Tracking via Local Sparse Appearance Model. IEEE Transactions on Image Processing, 2018, 27, 4958-4970.	9.8	38
1029	Multi-layer convolutional network-based visual tracking via important region selection. Neurocomputing, 2018, 315, 145-156.	5.9	2
1030	Quantitative Contact-Less Estimation of Energy Expenditure from Video and 3D Imagery. Sensors, 2018, 18, 2435.	3.8	5
1031	Siamese Network Based Features Fusion for Adaptive Visual Tracking. Lecture Notes in Computer Science, 2018, , 759-771.	1.3	2
1032	Real-Time Tracking with Multi-center Kernel Correlation Filter. Communications in Computer and Information Science, 2018, , 512-521.	0.5	0

#	ARTICLE	IF	CITATIONS
1033	Multiple Perspective Object Tracking via Context-Aware Correlation Filter. IEEE Access, 2018, 6, 43262-43273.	4.2	7
1034	A Face Tracking Method in Videos Based on Convolutional Neural Networks. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1856017.	1.2	2
1035	Traffic Signal Recognition with a Priori Analysis of Signal Position. Lecture Notes in Computer Science, 2018, , 137-148.	1.3	0
1036	Fast Visual Tracking Based on Convolutional Networks. Sensors, 2018, 18, 2405.	3.8	3
1037	Fast Spatially-Regularized Correlation Filters for Visual Object Tracking. Lecture Notes in Computer Science, 2018, , 57-70.	1.3	4
1038	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
1039	Euphrates: Algorithm-SoC Co-Design for Low-Power Mobile Continuous Vision. , 2018, , .		51
1040	Robust discriminant correlation filter-based weld seam tracking system. International Journal of Advanced Manufacturing Technology, 2018, 98, 3029-3039.	3.0	3
1041	Correlation filter-based visual tracking via adaptive weighted CNN features fusion. IET Image Processing, 2018, 12, 1423-1431.	2.5	17
1042	Fast Visual Tracking With Robustifying Kernelized Correlation Filters. IEEE Access, 2018, 6, 43302-43314.	4.2	4
1043	Collaborative model based UAV tracking via local kernel feature. Applied Soft Computing Journal, 2018, 72, 90-107.	7.2	5
1044	Learning Padless Correlation Filters for Boundary-Effect Free Tracking. IEEE Sensors Journal, 2018, 18, 7721-7729.	4.7	6
1045	Tracking objects in 3D space with back-projected correlation filter. , 2018, , .		0
1046	Wearing Electronic Performance and Tracking System Devices in Association Football: Potential Injury Scenarios and Associated Impact Energies. Proceedings (mdpi), 2018, 2, .	0.2	6
1047	Multi-Complementary Model for Long-Term Tracking. Sensors, 2018, 18, 527.	3.8	4
1048	Adaptive Correlation Model for Visual Tracking Using Keypoints Matching and Deep Convolutional Feature. Sensors, 2018, 18, 653.	3.8	1
1049	Color Feature-Based Object Tracking through Particle Swarm Optimization with Improved Inertia Weight. Sensors, 2018, 18, 1292.	3.8	9
1050	LightDenseYOLO: A Fast and Accurate Marker Tracker for Autonomous UAV Landing by Visible Light Camera Sensor on Drone. Sensors, 2018, 18, 1703.	3.8	46

#	ARTICLE	IF	CITATIONS
1051	Online Model Updating and Dynamic Learning Rate-Based Robust Object Tracking. Sensors, 2018, 18, 2046.	3.8	8
1052	Parallel tracker for visual object tracking. , 2018, , .		0
1053	Deep Spatial-Temporal Joint Feature Representation for Video Object Detection. Sensors, 2018, 18, 774.	3.8	17
1054	Using fuzzy least squares support vector machine with metric learning for object tracking. Pattern Recognition, 2018, 84, 112-125.	8.1	19
1055	An Approach to Overcome Occlusions in Visual Tracking: By Occlusion Estimating Agency and Self-Adapting Learning Rate for Filter's Training. IEEE Signal Processing Letters, 2018, 25, 1890-1894.	3.6	5
1056	Robust object tracking with scene-adaptive scheme in occlusion. Journal of Intelligent and Fuzzy Systems, 2018, 34, 3983-3991.	1.4	4
1057	A Multimodal Detection and Tracking System Based on Deep-Learning for Traffic Monitoring. , 2018, , .		0
1058	A real-time underwater robotic visual tracking strategy based on image restoration and kernelized correlation filters. , 2018, , .		3
1059	A Winner-Take-All Strategy for Improved Object Tracking. IEEE Transactions on Image Processing, 2018, 27, 4302-4313.	9.8	5
1060	Human Weapon-Activity Recognition in Surveillance Videos Using Structural-RNN. , 2018, , .		7
1061	Two-Dimensional Visual Tracking in Construction Scenarios: A Comparative Study. Journal of Computing in Civil Engineering, 2018, 32, .	4.7	33
1062	A novel particle swarm tracking system based on chromatic co-occurrence matrices. , 2018, , .		0
1063	Appearance features in Encoding Color Space for visual surveillance. Neurocomputing, 2018, 308, 21-30.	5.9	1
1064	A deep features based generative model for visual tracking. Neurocomputing, 2018, 308, 245-254.	5.9	10
1065	One lens optical correlation: application to face recognition. Applied Optics, 2018, 57, 2087.	1.8	21
1066	Dynamic Detection-Tracking Switching. , 2018, , .		0
1067	Domain Adaptation Tracker With Global and Local Searching. IEEE Access, 2018, 6, 42997-43008.	4.2	0
1068	High performance visual tracking with circular and structural operators. Knowledge-Based Systems, 2018, 161, 240-253.	7.1	17

#	ARTICLE	IF	CITATIONS
1069	Tracking by Recognition Using Neural Network. , 2018, , .		0
1070	A Complete System for Analysis of Video Lecture Based on Eye Tracking. IEEE Access, 2018, 6, 49056-49066.	4.2	22
1071	Towards BCI-actuated smart wheelchair system. BioMedical Engineering OnLine, 2018, 17, 111.	2.7	68
1072	Visual Target Detection and Tracking Framework Using Deep Convolutional Neural Networks for Micro Aerial Vehicles. , 2018, , .		1
1073	Design of video aerial target detection and tracking system based on AM5728. , 2018, , .		1
1074	Adaptive scale correlation filter tracker with feature fusion. , 2018, , .		1
1075	A Review of Visual-Inertial Simultaneous Localization and Mapping from Filtering-Based and Optimization-Based Perspectives. Robotics, 2018, 7, 45.	3.5	79
1076	Comparison of Different Level Fusion Schemes for Infrared-Visible Object Tracking: An Experimental Survey. , 2018, , .		2
1077	Efficient Correlation Tracking via Center-Biased Spatial Regularization. IEEE Transactions on Image Processing, 2018, 27, 6159-6173.	9.8	6
1078	Robust and Real-Time Visual Tracking Based on Single-Layer Convolutional Features and Accurate Scale Estimation. Communications in Computer and Information Science, 2018, , 471-482.	0.5	2
1081	Robust feature learning for online discriminative tracking without large-scale pre-training. Frontiers of Computer Science, 2018, 12, 1160-1172.	2.4	3
1082	Lightweight Particle Filter for Robust Visual Tracking. IEEE Access, 2018, 6, 32310-32320.	4.2	5
1083	Vehicle Counting Based on Vehicle Detection and Tracking from Aerial Videos. Sensors, 2018, 18, 2560.	3.8	34
1084	Real-Time Human Objects Tracking for Smart Surveillance at the Edge. , 2018, , .		60
1085	Age and gender estimation using deep residual learning network. , 2018, , .		13
1086	Accelerated Particle Filter for Real-Time Visual Tracking With Decision Fusion. IEEE Signal Processing Letters, 2018, 25, 1094-1098.	3.6	8
1087	Event-Guided Structured Output Tracking of Fast-Moving Objects Using a CeleX Sensor. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2413-2417.	8.3	14
1088	Visual tracking with re-detection based on feature combination. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
1089	Convolutional Neural Networks for Noniterative Reconstruction of Compressively Sensed Images. IEEE Transactions on Computational Imaging, 2018, 4, 326-340.	4.4	86
1090	Real-Time Online Tracking via a Convolution-Based Complementary Model. IEEE Access, 2018, 6, 30073-30085.	4.2	6
1091	Data Driven Feature Selection for Machine Learning Algorithms in Computer Vision. IEEE Internet of Things Journal, 2018, 5, 4262-4272.	8.7	19
1092	Robust Visual Tracking via Smooth Manifold Kernel Sparse Learning. IEEE Transactions on Multimedia, 2018, 20, 2949-2963.	7.2	10
1093	Rotation Adaptive Visual Object Tracking with Motion Consistency. , 2018, , .		8
1094	Visual tracking via robust multi-task multi-feature joint sparse representation. Multimedia Tools and Applications, 2018, 77, 31447-31467.	3.9	9
1095	Spatial-Temporal Feature Representation Learning for Facial Fatigue Detection. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1856018.	1.2	1
1096	Deep-learning-based autonomous navigation approach for UAV transmission line inspection. , 2018, , .		14
1097	Visual tracking via improving motion model and model updater. International Journal of Advanced Robotic Systems, 2018, 15, 172988141875623.	2.1	3
1098	A system to support non-IT researchers in the automated analysis of human movement. , 2018, , .		1
1099	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
1100	Correlation filter tracker based on sparse regularization. Journal of Visual Communication and Image Representation, 2018, 55, 354-362.	2.8	9
1101	Visual tracking via ensemble autoencoder. IET Image Processing, 2018, 12, 1214-1221.	2.5	2
1102	Detection and Classification of Vehicle Types from Moving Backgrounds. Advances in Intelligent Systems and Computing, 2019, , 491-502.	0.6	1
1103	Small-objectness sensitive detection based on shifted single shot detector. Multimedia Tools and Applications, 2019, 78, 13227-13245.	3.9	16
1104	Learning Linear Regression via Single-Convolutional Layer for Visual Object Tracking. IEEE Transactions on Multimedia, 2019, 21, 86-97.	7.2	30
1105	Multi-tracker fusion via adaptive outlier detection. Multimedia Tools and Applications, 2019, 78, 2227-2250.	3.9	3
1106	Robust Object Tracking Using Manifold Regularized Convolutional Neural Networks. IEEE Transactions on Multimedia, 2019, 21, 510-521.	7.2	42

#	ARTICLE	IF	CITATIONS
1107	Robust and Fast Registration of Infrared and Visible Images for Electro-Optical Pod. IEEE Transactions on Industrial Electronics, 2019, 66, 1335-1344.	7.9	24
1108	Beyond Counting: Comparisons of Density Maps for Crowd Analysis Tasksâ€”Counting, Detection, and Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1408-1422.	8.3	105
1111	Semantics-Aware Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1687-1700.	8.3	29
1112	Temporal Unknown Incremental Clustering Model for Analysis of Traffic Surveillance Videos. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1762-1773.	8.0	15
1113	Hyper-Siamese network for robust visual tracking. Signal, Image and Video Processing, 2019, 13, 35-42.	2.7	8
1114	Collaborating visual tracker based on particle filter and correlation filter. Concurrency Computation Practice and Experience, 2019, 31, e4665.	2.2	3
1115	Visual Tracking via Dynamic Graph Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2770-2782.	13.9	38
1116	Robust Visual Tracking via Hierarchical Convolutional Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2709-2723.	13.9	136
1117	Context-Aware Three-Dimensional Mean-Shift With Occlusion Handling for Robust Object Tracking in RGB-D Videos. IEEE Transactions on Multimedia, 2019, 21, 664-677.	7.2	59
1118	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
1119	Visual tracking using structural local DCT sparse appearance model with occlusion detection. Multimedia Tools and Applications, 2019, 78, 7243-7266.	3.9	5
1120	Augmenting cascaded correlation filters with spatialâ€”temporal saliency for visual tracking. Information Sciences, 2019, 470, 78-93.	6.9	18
1121	Robust visual tracking based on convolutional neural network with extreme learning machine. Multimedia Tools and Applications, 2019, 78, 7543-7562.	3.9	6
1122	Adversarial Deep Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1998-2011.	8.3	21
1123	Trajectory-Based Surveillance Analysis: A Survey. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1985-1997.	8.3	67
1124	Distributed Mean-Field-Type Filters for Traffic Networks. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 507-521.	8.0	21
1125	Explorations on visual localization from active to passive. Multimedia Tools and Applications, 2019, 78, 2269-2309.	3.9	6
1126	Learning channel-aware deep regression for object tracking. Pattern Recognition Letters, 2019, 127, 103-109.	4.2	10

#	ARTICLE	IF	CITATIONS
1127	A Delay-Free and Robust Object Tracking Approach for Robotics Applications. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 95, 99-117.	3.4	4
1128	Online Scale Adaptive Visual Tracking Based on Multilayer Convolutional Features. IEEE Transactions on Cybernetics, 2019, 49, 146-158.	9.5	27
1129	Dilated-aware discriminative correlation filter for visual tracking. World Wide Web, 2019, 22, 791-805.	4.0	10
1130	Real-Time Event-Triggered Object Tracking in the Presence of Model Drift and Occlusion. IEEE Transactions on Industrial Electronics, 2019, 66, 2054-2065.	7.9	38
1131	Part-based visual tracking via structural support correlation filter. Journal of Visual Communication and Image Representation, 2019, 64, 102602.	2.8	4
1132	Maximum margin object tracking with weighted circulant feature maps. IET Computer Vision, 2019, 13, 71-78.	2.0	5
1133	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
1134	Convolutional Recurrent Predictor: Implicit Representation for Multi-Target Filtering and Tracking. IEEE Transactions on Signal Processing, 2019, 67, 4545-4555.	5.3	7
1135	Autonomous Vision-Based Aerial Grasping for Rotorcraft Unmanned Aerial Vehicles. Sensors, 2019, 19, 3410.	3.8	19
1136	An Optimal Long-Term Aerial Infrared Object Tracking Algorithm With Re-Detection. IEEE Access, 2019, 7, 114320-114333.	4.2	8
1137	Image Analysis and Recognition. Lecture Notes in Computer Science, 2019, , .	1.3	0
1138	Real-Time Tracking Based on Keypoints and Discriminative Correlation Filters. IEEE Access, 2019, 7, 32745-32753.	4.2	2
1139	Kernel-Related Filtering Target Tracking Algorithm Based on Multi-Features Fusion. IEEE Access, 2019, 7, 96079-96084.	4.2	13
1140	Automated Individual Pig Localisation, Tracking and Behaviour Metric Extraction Using Deep Learning. IEEE Access, 2019, 7, 108049-108060.	4.2	63
1141	Adaptive Correlation Filtering Algorithm for Video Target Tracking based on Multi Feature Fusion. , 2019, , .		1
1142	Correlation Filter Tracking with Adaptive Proposal Selection for Accurate Scale Estimation. , 2019, , .		1
1143	An Improved Kernelized Correlation Filter with Redetection Mechanism for Visual Tracking. , 2019, , .		0
1144	Rotation-Aware Discriminative Scale Space Tracking. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
1145	Visual object tracking with discriminative correlation filtering and hybrid color feature. Multimedia Tools and Applications, 2019, 78, 34725-34744.	3.9	11
1146	Vision-based garbage dumping action detection for real-world surveillance platform. ETRI Journal, 2019, 41, 494-505.	2.0	42
1147	Long-Term Real-Time Correlation Filter Tracker for Mobile Robot. Lecture Notes in Computer Science, 2019, , 245-255.	1.3	1
1148	Efficient Implicit Fourier Compression Based Convolutional Features for Visual Tracking. , 2019, , .		0
1149	Target-Aware Correlation Filter Tracking in RGBD Videos. IEEE Sensors Journal, 2019, 19, 9522-9531.	4.7	8
1150	A multiple feature fused model for visual object tracking via correlation filters. Multimedia Tools and Applications, 2019, 78, 27271-27290.	3.9	45
1151	Visual tracking based on robust appearance model. Image and Vision Computing, 2019, 89, 211-221.	4.5	4
1152	Hand-Eye-Force Coordination of Acupuncture Robot. IEEE Access, 2019, 7, 82154-82161.	4.2	8
1153	Robust Visual Tracking via Multiple Experts With Correlation Filters. IEEE Access, 2019, 7, 129504-129513.	4.2	1
1154	Learning an Orientation and Scale Adaptive Tracker With Regularized Correlation Filters. IEEE Access, 2019, 7, 53476-53486.	4.2	3
1155	Multiple Object Tracking With Attention to Appearance, Structure, Motion and Size. IEEE Access, 2019, 7, 104423-104434.	4.2	88
1156	Visual Tracking using Spatial-Temporal Regularized Support Correlation Filters. Journal of Physics: Conference Series, 2019, 1169, 012019.	0.4	0
1157	Depth information aided constrained correlation filter for visual tracking. IOP Conference Series: Earth and Environmental Science, 2019, 234, 012005.	0.3	1
1158	Regressive Scale Estimation for Visual Tracking. , 2019, , .		4
1159	Toward Robust Online Adaptive Visual Tracking via Pyramidal Features Extraction. , 2019, , .		0
1160	Visual Tracking via Dynamic Memory Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 43, 1-1.	13.9	28
1161	Dynamically Spatiotemporal Regularized Correlation Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-12.	11.3	12
1162	Residual Attention Convolutional Network for Online Visual Tracking. IEEE Access, 2019, 7, 94097-94105.	4.2	2

#	ARTICLE	IF	CITATIONS
1163	Mutual kernelized correlation filters with elastic net constraint for visual tracking. Eurasip Journal on Image and Video Processing, 2019, 2019, .	2.6	0
1164	RGB-T object tracking: Benchmark and baseline. Pattern Recognition, 2019, 96, 106977.	8.1	215
1165	Fine-Grained Human-Centric Tracklet Segmentation with Single Frame Supervision. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 610-621.	13.9	1
1166	Robust long-term correlation tracking with multiple models. IET Image Processing, 2019, 13, 1056-1065.	2.5	3
1167	Foreground Gating and Background Refining Network for Surveillance Object Detection. IEEE Transactions on Image Processing, 2019, 28, 6077-6090.	9.8	52
1168	DART: Distribution Aware Retinal Transform for Event-based Cameras. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 42, 1-1.	13.9	47
1169	Detection, Tracking, and Geolocation of Moving Vehicle From UAV Using Monocular Camera. IEEE Access, 2019, 7, 101160-101170.	4.2	50
1170	Real-time visual detection and tracking system for traffic monitoring. Engineering Applications of Artificial Intelligence, 2019, 85, 410-420.	8.1	49
1171	Deep Learning Approach for Enhanced Detection of Surface Plasmon Scattering. Analytical Chemistry, 2019, 91, 9538-9545.	6.5	33
1172	Deep mutual learning for visual tracking. , 2019, , .		1
1173	Vehicle tracking based on shape information and inter-frame motion vector. Computers and Electrical Engineering, 2019, 78, 22-31.	4.8	11
1174	Weighted correlation filters guidance with spatial-temporal attention for online multi-object tracking. Journal of Visual Communication and Image Representation, 2019, 63, 102576.	2.8	5
1175	An Efficient Hand Gesture Recognition System Based on Deep CNN. , 2019, , .		40
1176	An Improved Hand Tracking Algorithm for Chinese Sign Language Recognition. , 2019, , .		1
1177	Fusing RFID and Computer Vision for Occlusion-Aware Object Identifying and Tracking. Lecture Notes in Computer Science, 2019, , 175-187.	1.3	4
1178	Correlation Tracking with Correcting and Adaptive Update Strategy. Journal of Electrical Engineering and Technology, 2019, 14, 2181-2190.	2.0	0
1179	Novel event analysis for human-machine collaborative underwater exploration. Pattern Recognition, 2019, 96, 106967.	8.1	21
1180	MobiFace: A Novel Dataset for Mobile Face Tracking in the Wild. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
1181	Patch-based adaptive weighting with segmentation and scale (PAWSS) for visual tracking in surgical video. Medical Image Analysis, 2019, 57, 120-135.	11.6	9
1182	Structured group local sparse tracker. IET Image Processing, 2019, 13, 1391-1399.	2.5	5
1183	Monocular Robust Depth Estimation Vision System for Robotic Tasks Interventions in Metallic Targets. Sensors, 2019, 19, 3220.	3.8	9
1184	Robust visual tracking via a hybrid correlation filter. Multimedia Tools and Applications, 2019, 78, 31633-31648.	3.9	9
1185	Emerging Technologies in Computing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , .	0.3	11
1186	A framework of tracking by multi-trackers with multi-features in a hybrid cascade way. Signal Processing: Image Communication, 2019, 78, 306-321.	3.2	3
1187	MSSTResNet-TLD: A robust tracking method based on tracking-learning-detection framework by using multi-scale spatio-temporal residual network feature model. Neurocomputing, 2019, 362, 175-194.	5.9	7
1188	A Detection Aided Multi-Filter Target Tracking Algorithm. IEEE Access, 2019, 7, 71616-71626.	4.2	1
1189	Application of gcForest to visual tracking using UAV image sequences. Multimedia Tools and Applications, 2019, 78, 27933-27956.	3.9	11
1190	An improved Kernelized Correlation Filter tracking algorithm based on multi-channel memory model. Signal Processing: Image Communication, 2019, 78, 200-205.	3.2	7
1191	Deep learning for multiple object tracking: a survey. IET Computer Vision, 2019, 13, 355-368.	2.0	69
1192	CFGVF: An improved correlation filters based visual tracking algorithm. Optik, 2019, 192, 162930.	2.9	2
1193	A Novel Probabilistic Projection Model for Multi-camera Object Tracking. Lecture Notes in Computer Science, 2019, , 90-100.	1.3	0
1194	Salient Superpixel Visual Tracking with Graph Model and Iterative Segmentation. Cognitive Computation, 2021, 13, 821-832.	5.2	14
1195	Robust visual tracking based on response stability. Engineering Applications of Artificial Intelligence, 2019, 85, 137-149.	8.1	4
1196	One-Shot Scale and Angle Estimation for Fast Visual Object Tracking. IEEE Access, 2019, 7, 55477-55484.	4.2	17
1197	M3C: Multimodel-and-Multicue-Based Tracking by Detection of Surrounding Vessels in Maritime Environment for USV. Electronics (Switzerland), 2019, 8, 723.	3.1	14
1198	Intelligent visual object tracking with particle filter based on Modified Grey Wolf Optimizer. Optik, 2019, 193, 162913.	2.9	14

#	ARTICLE	IF	CITATIONS
1199	Spatially Attentive Visual Tracking Using Multi-Model Adaptive Response Fusion. IEEE Access, 2019, 7, 83873-83887.	4.2	52
1200	Real-Time Deep Tracking via Corrective Domain Adaptation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2600-2612.	8.3	13
1201	Robot visual guide with Fourier-Mellin based visual tracking. Frontiers of Optoelectronics, 2019, 12, 413-421.	3.7	9
1202	Robust contact-point detection from pantograph-catenary infrared images by employing horizontal-vertical enhancement operator. Infrared Physics and Technology, 2019, 101, 146-155.	2.9	55
1203	Masked and dynamic Siamese network for robust visual tracking. Information Sciences, 2019, 503, 169-182.	6.9	13
1204	Deep visual nerve tracking in ultrasound images. Computerized Medical Imaging and Graphics, 2019, 76, 101639.	5.8	19
1205	Toward Intelligent Surveillance as an Edge Network Service (iSENSE) Using Lightweight Detection and Tracking Algorithms. IEEE Transactions on Services Computing, 2021, 14, 1624-1637.	4.6	13
1206	Effective appearance model update strategy in object tracking. IET Computer Vision, 2019, 13, 531-541.	2.0	7
1207	Visual tracking with tree-structured appearance model for online learning. IET Image Processing, 2019, 13, 2106-2115.	2.5	3
1208	Strong target constrained video saliency detection. SN Applied Sciences, 2019, 1, 1.	2.9	0
1209	Mask Sparse Representation Based on Semantic Features for Thermal Infrared Target Tracking. Remote Sensing, 2019, 11, 1967.	4.0	18
1210	Comparison of Tracking Techniques on 360-Degree Videos. Applied Sciences (Switzerland), 2019, 9, 3336.	2.5	15
1211	Multi-Camera Fusion in Apollo Software Distribution. IFAC-PapersOnLine, 2019, 52, 49-54.	0.9	3
1212	Anomaly Detection Using Adaptive Suppression. Procedia Computer Science, 2019, 156, 274-282.	2.0	1
1213	Deep discriminative correlation tracking based on adaptive feature fusion. Microprocessors and Microsystems, 2019, 71, 102854.	2.8	1
1214	Particle Filter Vehicles Tracking by Fusing Multiple Features. IEEE Access, 2019, 7, 133694-133706.	4.2	8
1215	Scale Adaptive Target Tracking Algorithm Based on Correlation Filtering. Journal of Physics: Conference Series, 2019, 1284, 012061.	0.4	1
1216	Multimodal Human-Robot Interface for Accessible Remote Robotic Interventions in Hazardous Environments. IEEE Access, 2019, 7, 127290-127319.	4.2	34

#	ARTICLE	IF	CITATIONS
1217	A Fast Image Deformity Correction Algorithm for Underwater Turbulent Image Distortion. Sensors, 2019, 19, 3818.	3.8	3
1218	The Application of HEC-HMS in Mountain Torrents Simulation of Northern Small Watershed. IOP Conference Series: Earth and Environmental Science, 0, 252, 052060.	0.3	4
1219	AC Breakdown and Decomposition Characteristics of Environmental Friendly Gas C ₅ F ₁₀ O/Air and C ₅ F ₁₀ O/N ₂ . IEEE Access, 2019, 7, 73954-73960.	4.2	56
1220	A Correlation Filter Target Tracking Algorithm Combining LK Optical Flow. , 2019, , .		1
1221	Surface Vehicle Detection and Tracking with Deep Learning and Appearance Feature. , 2019, , .		13
1222	A YOLOv2 Convolutional Neural Network-Based Human-Machine Interface for the Control of Assistive Robotic Manipulators. Applied Sciences (Switzerland), 2019, 9, 2243.	2.5	8
1223	Improved BACF Tracker Based on Multi-Peak Detection in Visual Tracking. , 2019, , .		1
1224	AI Coach: Deep Human Pose Estimation and Analysis for Personalized Athletic Training Assistance. , 2019, , .		41
1225	Dense Feature Aggregation and Pruning for RGBT Tracking. , 2019, , .		96
1226	Image and Video Technology. Lecture Notes in Computer Science, 2019, , .	1.3	2
1227	Research on Dynamic Sign Language Algorithm Based on Sign Language Trajectory and Key Frame Extraction. , 2019, , .		14
1228	Video Visual Relation Detection via Multi-modal Feature Fusion. , 2019, , .		37
1229	Visual Tracking Via Multi-Layer Factorized Correlation Filter. IEEE Signal Processing Letters, 2019, 26, 1763-1767.	3.6	1
1230	Real-time Human Detection and Tracking in Infrared Video Feed. , 2019, , .		2
1231	Infrared target tracking algorithm combining deep features and gradient features. IOP Conference Series: Materials Science and Engineering, 2019, 490, 042009.	0.6	0
1232	Scale Adaptive Kernel Correlation Filter Tracker with Multi-Feature Fusion. , 2019, , .		0
1234	Multiple object tracking in soccer videos using topographic surface analysis. Journal of Visual Communication and Image Representation, 2019, 65, 102683.	2.8	7
1235	Learning Rate Adaptive Kernel Correlation Filter Tracking Algorithm Combined with Multi-feature Fusion. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
1236	Abnormal Water Quality Monitoring Based on Visual Sensing of Three-Dimensional Motion Behavior of Fish. Symmetry, 2019, 11, 1179.	2.2	14
1237	Multi-Cue Cascades for Robust Visual Tracking. IEEE Access, 2019, 7, 125079-125090.	4.2	0
1238	Single-Stream Deep Similarity Learning Tracking. IEEE Access, 2019, 7, 127781-127787.	4.2	1
1239	Scale Self-Adaption Tracking Method of Defog-PSA-Kcf Defogging and Dimensionality Reduction of Foreign Matter Intrusion Along Railway Lines. IEEE Access, 2019, 7, 126720-126733.	4.2	12
1240	An Adaptive Multi-Features Aware Correlation Filter for Visual Tracking. IEEE Access, 2019, 7, 134772-134781.	4.2	2
1241	TGMCF: A Tree-Guided Multi-Modality Correlation Filter for Visual Tracking. IEEE Access, 2019, 7, 166950-166963.	4.2	1
1242	Weighted Optical Flow Prediction and Attention Model for Object Tracking. IEEE Access, 2019, 7, 144885-144894.	4.2	5
1243	Adaptive Model Update Strategy for Correlation Filter Trackers. IEEE Access, 2019, 7, 151493-151505.	4.2	2
1244	SVTN: Siamese Visual Tracking Networks With Spatially Constrained Correlation Filter and Saliency Prior Context Model. IEEE Access, 2019, 7, 144339-144353.	4.2	7
1245	Learning Objectness Transfer Networks for Visual Tracking. IEEE Access, 2019, 7, 148706-148717.	4.2	0
1246	Auto-Selecting Receptive Field Network for Visual Tracking. IEEE Access, 2019, 7, 157449-157458.	4.2	6
1247	Visual Tracking Based on Siamese Network of Fused Score Map. IEEE Access, 2019, 7, 151389-151398.	4.2	4
1248	Perception-Based CTU Level Bit Allocation for Intra High Efficiency Video Coding. IEEE Access, 2019, 7, 154959-154970.	4.2	4
1249	Learning Cascaded Siamese Networks for High Performance Visual Tracking. , 2019, , .		4
1250	Improved Action-Decision Network for Visual Tracking With Meta-Learning. IEEE Access, 2019, 7, 117206-117218.	4.2	6
1251	Fast Face Tracking-by-Detection Algorithm for Secure Monitoring. Applied Sciences (Switzerland), 2019, 9, 3774.	2.5	6
1252	Fully Convolutional Single-Crop Siamese Networks for Real-Time Visual Object Tracking. Electronics (Switzerland), 2019, 8, 1084.	3.1	5
1253	Robust Visual Tracking Using Structural Patch Response Map Fusion Based on Complementary Correlation Filter and Color Histogram. Sensors, 2019, 19, 4178.	3.8	6

#	ARTICLE	IF	CITATIONS
1254	Low-Rank Multi-Channel Features for Robust Visual Object Tracking. Symmetry, 2019, 11, 1155.	2.2	8
1255	Interplay between ubiquitylation and SUMOylation: Empowered by phase separation. Journal of Biological Chemistry, 2019, 294, 15235-15236.	3.4	12
1256	A General Robotic Framework for Automated Cloth Assembly. , 2019, , .		2
1257	ADNet. , 2019, , .		0
1258	A Robust and Effective Tracking Method in Remote Sensing Video Sequences. , 2019, , .		1
1259	A Simple Adaptive Tracker with Reminiscences. , 2019, , .		0
1260	Human Body Tracking Method Based on Deep Learning Object Detection. , 2019, , .		1
1261	Deformation Samples Generated Network for Robust Visual Tracking. , 2019, , .		1
1262	Pano. , 2019, , .		90
1263	Adaptive context-aware correlation filter target tracking. Journal of Physics: Conference Series, 2019, 1213, 052077.	0.4	0
1264	Short-term and Fast Tracking Algorithm of Vehicle with Distance Information. Journal of Physics: Conference Series, 2019, 1237, 022120.	0.4	0
1265	Design of Energy Self Contained Smart Home System. IOP Conference Series: Earth and Environmental Science, 2019, 252, 032197.	0.3	0
1266	Real-Time Driver-Drowsiness Detection System Using Facial Features. IEEE Access, 2019, 7, 118727-118738.	4.2	113
1267	Building Secure SRAM PLUF Key Generators on Resource Constrained Devices. , 2019, , .		17
1268	A Multi-Patch Network for Non-Rigid Object Tracking. , 2019, , .		1
1269	Remote Sensing Target Tracking in UAV Aerial Video Based on Saliency Enhanced MDnet. IEEE Access, 2019, 7, 76731-76740.	4.2	12
1270	Adaptive Weighted CNN Features Integration for Correlation Filter Tracking. IEEE Access, 2019, 7, 76416-76427.	4.2	7
1271	Distractor-Aware Visual Tracking by Online Siamese Network. IEEE Access, 2019, 7, 89777-89788.	4.2	18

#	ARTICLE	IF	CITATIONS
1272	Efficient Convolution Neural Networks for Object Tracking Using Separable Convolution and Filter Pruning. IEEE Access, 2019, 7, 106466-106474.	4.2	19
1273	Recurrently exploiting co-saliency of target for part-based visual tracking. Eurasip Journal on Advances in Signal Processing, 2019, 2019, .	1.7	2
1274	SiamFT: An RGB-Infrared Fusion Tracking Method via Fully Convolutional Siamese Networks. IEEE Access, 2019, 7, 122122-122133.	4.2	53
1275	Siamese Network Using Adaptive Background Superposition Initialization for Real-Time Object Tracking. IEEE Access, 2019, 7, 119454-119464.	4.2	4
1276	RGB-D tracker under Hierarchical structure. , 2019, , .		0
1277	Face Recognition Method Based on Fixed and PTZ Camera Control for Moving Humans. , 2019, , .		2
1278	Biologically Inspired Tracking with Frequency Divisive Normalization Model. , 2019, , .		0
1279	Detection Based Tracking of Unmanned Aerial Vehicles. , 2019, , .		1
1280	Joint Lightweight Object Tracking and Detection for Unmanned Vehicles. , 2019, , .		3
1281	Boosting Correlation Filter Based Tracking Using Multi Convolutional Features. , 2019, , .		0
1282	Synthetic defocus and look-ahead autofocus for casual videography. ACM Transactions on Graphics, 2019, 38, 1-16.	7.2	16
1283	Visual tracking via dynamic weighting with pyramid-redetection based Siamese networks. Journal of Visual Communication and Image Representation, 2019, 65, 102635.	2.8	4
1284	Visual Tracking Via Siamese Network With Global Similarity. , 2019, , .		0
1285	A Spatial-Aware Tracker. , 2019, , .		0
1286	Context-Aware Correlation Filter Learning Toward Peak Strength for Visual Tracking. IEEE Transactions on Cybernetics, 2021, 51, 5105-5115.	9.5	7
1287	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
1288	Effects of lead stress on Vg expression in the beet armyworm over five successive generations. Journal of Integrative Agriculture, 2019, 18, 134-142.	3.5	6
1289	Object Tracking Based on Scale Estimation and Context-Aware Correlation Filter. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
1290	SiaMemory: Target Tracking. Procedia Computer Science, 2019, 154, 146-153.	2.0	0
1291	iVR. , 2019, 3, 1-22.		27
1292	Scale estimation-based visual tracking with optimized convolutional activation features. Machine Vision and Applications, 2019, 30, 1263-1273.	2.7	1
1293	Robust visual tracking using discriminative sparse collaborative map. International Journal of Machine Learning and Cybernetics, 2019, 10, 3201-3212.	3.6	3
1294	City brain: practice of large-scale artificial intelligence in the real world. IET Smart Cities, 2019, 1, 28-37.	3.1	18
1295	Reliable Tracking via Adaptive Correlation Filter and Local Patches. , 2019, , .		0
1296	Robust human tracking using harmonious polling tracker. SN Applied Sciences, 2019, 1, 1.	2.9	1
1297	The Review of Target Tracking for UAV. , 2019, , .		6
1298	Annotating Objects and Relations in User-Generated Videos. , 2019, , .		78
1299	Visual object tracking based on discriminant DCT features. , 2019, 95, 102572.		5
1300	Robust Visual Tracking Based on Relaxed Target Representation. Pattern Recognition and Image Analysis, 2019, 29, 415-424.	1.0	1
1301	Mobile web augmented reality in 5G and beyond: Challenges, opportunities, and future directions. China Communications, 2019, 16, 141-154.	3.2	47
1302	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
1303	Automatic seam detection and tracking system for robots based on laser vision. Mechatronics, 2019, 63, 102261.	3.3	17
1304	Robust visual tracking based on global-and-local search with confidence reliability estimation. Neurocomputing, 2019, 367, 273-286.	5.9	12
1305	Camera and LiDAR Fusion for On-road Vehicle Tracking with Reinforcement Learning. , 2019, , .		10
1306	Using FTOC to track shuttlecock for the badminton robot. Neurocomputing, 2019, 334, 182-196.	5.9	27
1307	The Regression Learning of the Imbalanced and Big Data by the Online Mixture Model for the Mach Number Forecasting. IEEE Access, 2019, 7, 7368-7380.	4.2	5

#	ARTICLE	IF	CITATIONS
1308	Content-Aware Focal Plane Selection and Proposals for Object Tracking on Plenoptic Image Sequences. <i>Sensors</i> , 2019, 19, 48.	3.8	6
1309	Vision-Based Target-Following Guider for Mobile Robot. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 9360-9371.	7.9	40
1310	On the Optimization of Advanced DCF-Trackers. <i>Lecture Notes in Computer Science</i> , 2019, , 54-69.	1.3	0
1311	Channel Pruning for Visual Tracking. <i>Lecture Notes in Computer Science</i> , 2019, , 70-82.	1.3	12
1312	WAEF: Weighted Aggregation with Enhancement Filter for Visual Object Tracking. <i>Lecture Notes in Computer Science</i> , 2019, , 83-99.	1.3	6
1313	VisDrone-SOT2018: The Vision Meets Drone Single-Object Tracking Challenge Results. <i>Lecture Notes in Computer Science</i> , 2019, , 469-495.	1.3	18
1314	Robust Visual Tracking Based on Adaptive Extraction and Enhancement of Correlation Filter. <i>IEEE Access</i> , 2019, 7, 3534-3546.	4.2	4
1315	Deep Learning of Appearance Models for Online Object Tracking. <i>Lecture Notes in Computer Science</i> , 2019, , 681-686.	1.3	8
1316	Fast RGB-T Tracking via Cross-Modal Correlation Filters. <i>Neurocomputing</i> , 2019, 334, 172-181.	5.9	45
1317	Hard negative mining for correlation filters in visual tracking. <i>Machine Vision and Applications</i> , 2019, 30, 487-506.	2.7	14
1318	Dynamic Saliency-Aware Regularization for Correlation Filter-Based Object Tracking. <i>IEEE Transactions on Image Processing</i> , 2019, 28, 3232-3245.	9.8	90
1319	Distractor-Aware Deep Regression for Visual Tracking. <i>Sensors</i> , 2019, 19, 387.	3.8	3
1320	Object Tracking Algorithm based on Improved Context-Model in Combination with Detection-Mechanism for Suspected Objects. <i>Multimedia Tools and Applications</i> , 2019, 78, 16907-16922.	3.9	7
1321	Fast and object-adaptive spatial regularization for correlation filters based tracking. <i>Neurocomputing</i> , 2019, 337, 129-143.	5.9	21
1322	Quantum algorithm for visual tracking. <i>Physical Review A</i> , 2019, 99, .	2.5	43
1323	OPTICS-Based Template Matching for Vision Sensor-Based Shoe Detection in Human-Robot Coexisting Environments. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 4276-4284.	4.7	17
1324	Robust object tracking via integration of particle filtering with deep detection. , 2019, 87, 112-124.		13
1325	Research on related technologies of vision target tracking based on discrete differential algorithm for deep learning. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 3267-3274.	1.4	2

#	ARTICLE	IF	CITATIONS
1326	CubeSLAM: Monocular 3-D Object SLAM. IEEE Transactions on Robotics, 2019, 35, 925-938.	10.3	257
1327	Object Tracking for a Smart City Using IoT and Edge Computing. Sensors, 2019, 19, 1987.	3.8	26
1328	Online Non-Negative Multi-Modality Feature Template Learning for RGB-Assisted Infrared Tracking. IEEE Access, 2019, 7, 67761-67771.	4.2	24
1329	Trajectory Smoothing Constraint and Hard Negative Mining for Distractor-Aware Regression Tracking. IEEE Access, 2019, 7, 84658-84667.	4.2	1
1330	Learning Temporal Regularized Correlation Filter Tracker With Spatial Reliable Constraint. IEEE Access, 2019, 7, 81441-81450.	4.2	5
1331	Object Tracking in Satellite Videos Based on a Multiframe Optical Flow Tracker. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3043-3055.	4.9	57
1332	Cascaded Iterative Training Model and Parallel Multi-Classifiers for Visual Object Tracking. IEEE Access, 2019, 7, 63099-63112.	4.2	2
1333	Multi-pattern correlation tracking. Knowledge-Based Systems, 2019, 181, 104789.	7.1	10
1334	Mango Fruit Load Estimation Using a Video Based MangoYOLO”Kalman Filter”Hungarian Algorithm Method. Sensors, 2019, 19, 2742.	3.8	58
1335	Fingertip detection and tracking for recognition of air-writing in videos. Expert Systems With Applications, 2019, 136, 217-229.	7.6	58
1336	A novel correlation filter based on variational calculus. Signal Processing: Image Communication, 2019, 78, 77-85.	3.2	1
1337	An Accelerated Sequential PCP-Based Method for Ground-Moving Objects Detection From Aerial Videos. IEEE Transactions on Image Processing, 2019, 28, 5991-6006.	9.8	8
1338	Learning Robust Features for Planar Object Tracking. IEEE Access, 2019, 7, 90398-90411.	4.2	3
1339	Visual Tracking Based on Multi-Feature and Fast Scale Adaptive Kernelized Correlation Filter. IEEE Access, 2019, 7, 83209-83228.	4.2	4
1340	Part-Based Background-Aware Tracking for UAV With Convolutional Features. IEEE Access, 2019, 7, 79997-80010.	4.2	7
1341	Accurate Positioning Siamese Network for Real-Time Object Tracking. IEEE Access, 2019, 7, 84209-84216.	4.2	3
1342	Design Challenges of Multi-UAV Systems in Cyber-Physical Applications: A Comprehensive Survey and Future Directions. IEEE Communications Surveys and Tutorials, 2019, 21, 3340-3385.	39.4	167
1343	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

#	ARTICLE	IF	CITATIONS
1344	Towards Autonomous Robotic Systems. Lecture Notes in Computer Science, 2019, , .	1.3	1
1345	High-speed video salient object detection with temporal propagation using correlation filter. Neurocomputing, 2019, 356, 107-118.	5.9	6
1346	Robust correlation filter tracking with multi-scale spatial view. Neurocomputing, 2019, 358, 119-140.	5.9	6
1347	Size-aware visual object tracking via dynamic fusion of correlation filter-based part regressors. Signal Processing, 2019, 164, 84-98.	3.7	5
1348	Collaborative Correlation Filter Tracking with Online Re-detection. , 2019, , .		2
1349	Spatial-aware correlation filters with adaptive weight maps for visual tracking. Neurocomputing, 2019, 358, 369-384.	5.9	5
1350	Visual Tracking Based on Deep Learning. , 2019, , 101-126.		0
1351	Multiple Kernelized Correlation Filters (MKCF) for Extended Object Tracking Using <i>X</i> -Band Marine Radar Data. IEEE Transactions on Signal Processing, 2019, 67, 3676-3688.	5.3	39
1352	A photometric stereo-based 3D imaging system using computer vision and deep learning for tracking plant growth. GigaScience, 2019, 8, .	6.4	62
1353	Shadow-camera based solar nowcasting system for shortest-term forecasts. Meteorologische Zeitschrift, 2019, 28, 255-270.	1.0	6
1354	Real-Time Tracking-by-Detection in Broadcast Sports Videos. Lecture Notes in Computer Science, 2019, , 399-411.	1.3	4
1356	Parallel Correlation Filters for Real-Time Visual Tracking. Sensors, 2019, 19, 2362.	3.8	10
1357	Object Tracking by Unified Semantic Knowledge and Instance Features. IEICE Transactions on Information and Systems, 2019, E102.D, 680-683.	0.7	0
1358	Rat Behavior Observation System Based on Transfer Learning. IEEE Access, 2019, 7, 62152-62162.	4.2	7
1359	Computer vision-guided intelligent traffic signaling for isolated intersections. Expert Systems With Applications, 2019, 134, 267-278.	7.6	27
1360	Efficient Multi-level Correlating for Visual Tracking. Lecture Notes in Computer Science, 2019, , 452-465.	1.3	2
1361	DSNet: Deep and Shallow Feature Learning for Efficient Visual Tracking. Lecture Notes in Computer Science, 2019, , 119-134.	1.3	3
1362	FuCoLoT – A Fully-Correlational Long-Term Tracker. Lecture Notes in Computer Science, 2019, , 595-611.	1.3	24

#	ARTICLE	IF	CITATIONS
1363	Learning Rotation Adaptive Correlation Filters in Robust Visual Object Tracking. Lecture Notes in Computer Science, 2019, , 646-661.	1.3	0
1364	Robust correlation filter tracking via context fusion and subspace constraint. Journal of Visual Communication and Image Representation, 2019, 62, 182-192.	2.8	6
1365	Control Method Based on Deep Reinforcement Learning for Robotic Follower with Monocular Vision. Journal of Physics: Conference Series, 2019, 1229, 012043.	0.4	0
1366	Part-based correlation filter tracking by exploiting the similarity and contribution of reliable parts. Optik, 2019, 186, 165-176.	2.9	1
1367	Correlation filter tracker with siamese: A robust and real-time object tracking framework. Neurocomputing, 2019, 358, 33-43.	5.9	14
1368	Comparative Object Similarity Learning-Based Robust Visual Tracking. IEEE Access, 2019, 7, 50466-50475.	4.2	7
1369	Video-Based Vehicle Counting Framework. IEEE Access, 2019, 7, 64460-64470.	4.2	81
1370	Handcrafted and Deep Trackers. ACM Computing Surveys, 2020, 52, 1-44.	23.0	91
1371	Online Siamese Network for Visual Object Tracking. Sensors, 2019, 19, 1858.	3.8	9
1372	Discriminative Fusion Correlation Learning for Visible and Infrared Tracking. Mathematical Problems in Engineering, 2019, 2019, 1-11.	1.1	19
1373	UAV Tracking with Proposals Based on Optical Flow. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 497-505.	0.3	0
1374	RF-Focus. , 2019, 3, 1-30.		27
1375	Shot Type Feasibility in Autonomous UAV Cinematography. , 2019, , .		13
1376	Robust particle tracking via spatio-temporal context learning and multi-task joint local sparse representation. Multimedia Tools and Applications, 2019, 78, 21187-21204.	3.9	2
1377	EarTouch. , 2019, , .		29
1378	Thermal infrared and visible sequences fusion tracking based on a hybrid tracking framework with adaptive weighting scheme. Infrared Physics and Technology, 2019, 99, 265-276.	2.9	40
1379	Complementary Siamese Networks for Robust Visual Tracking. , 2019, , .		1
1380	Deep Convolutional Feature Histograms for Visual Object Tracking. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
1381	Convolutional neural network with structural input for visual object tracking. , 2019, , .		6
1382	Combined Kalman Filter and Multifeature Fusion Siamese Network for Real-Time Visual Tracking. Sensors, 2019, 19, 2201.	3.8	7
1383	Real-time object tracking via self-adaptive appearance modeling. Neurocomputing, 2019, 349, 21-30.	5.9	3
1384	Online Single Person Tracking for Unmanned Aerial Vehicles: Benchmark and New Baseline. , 2019, , .		2
1385	SMART: Joint Sampling and Regression for Visual Tracking. IEEE Transactions on Image Processing, 2019, 28, 3923-3935.	9.8	15
1386	Robust Visual Detection and Tracking Strategies for Autonomous Aerial Refueling of UAVs. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4640-4652.	4.7	30
1387	Object Tracking Based on Compressive Features and Extreme Learning Machine. IEEE Access, 2019, 7, 45994-46003.	4.2	3
1388	Real-time Tracker with Fast Recovery from Target Loss. , 2019, , .		1
1389	Adaptive convolutional layer selection based on historical retrospect for visual tracking. IET Computer Vision, 2019, 13, 345-353.	2.0	2
1390	Robust correlation filter tracking with deep semantic supervision. IET Image Processing, 2019, 13, 754-760.	2.5	2
1391	Survey of connected automated vehicle perception mode: from autonomy to interaction. IET Intelligent Transport Systems, 2019, 13, 495-505.	3.0	20
1392	Dynamic Detection and Tracking Based on Human Body Component Modeling. Communications in Computer and Information Science, 2019, , 87-98.	0.5	0
1393	Human trajectory prediction in crowded scene using social-affinity Long Short-Term Memory. Pattern Recognition, 2019, 93, 273-282.	8.1	46
1394	ACT: an ACTNet for visual tracking. IET Image Processing, 2019, 13, 722-728.	2.5	4
1395	Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. IEEE Access, 2019, 7, 43956-43969.	4.2	71
1396	Improved Correlation Filter Tracking with Enhanced Features and Adaptive Kalman Filter. Sensors, 2019, 19, 1625.	3.8	1
1397	Online multiple object tracking using confidence score-based appearance model learning and hierarchical data association. IET Computer Vision, 2019, 13, 312-318.	2.0	10
1398	Robust Visual Tracking via Adaptive Occlusion Detection. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
1399	Unscented Transformation-Based Multi-Robot Collaborative Self-Localization and Distributed Target Tracking. Applied Sciences (Switzerland), 2019, 9, 903.	2.5	11
1400	Integrated Detection and Tracking for ADAS Using Deep Neural Network. , 2019, , .		1
1401	Anti-Interference Aircraft-Tracking Method in Infrared Imagery. Sensors, 2019, 19, 1289.	3.8	9
1402	Parallel Tracking and Verifying. IEEE Transactions on Image Processing, 2019, 28, 4130-4144.	9.8	23
1403	Online Multi-Object Tracking With Instance-Aware Tracker and Dynamic Model Refreshment. , 2019, , .		81
1404	Model-Free Tracking With Deep Appearance and Motion Features Integration. , 2019, , .		6
1405	Robust visual tracking based on spatial context pyramid. Multimedia Tools and Applications, 2019, 78, 21065-21084.	3.9	1
1406	Object and patch based anomaly detection and localization in crowded scenes. Multimedia Tools and Applications, 2019, 78, 21375-21390.	3.9	7
1407	State-Aware Anti-Drift Object Tracking. IEEE Transactions on Image Processing, 2019, 28, 4075-4086.	9.8	44
1408	Robust visual tracking via global context regularized Locality-constrained Linear Coding. Optik, 2019, 183, 232-240.	2.9	5
1409	A deep learning ball tracking system in soccer videos. Opto-electronics Review, 2019, 27, 58-69.	2.4	40
1410	Learning Local Structured Correlation Filters for Visual Tracking via Spatial Joint Regularization. IEEE Access, 2019, 7, 39158-39171.	4.2	1
1411	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
1412	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
1413	Visual Object Tracking Robust to Illumination Variation Based on Hyperline Clustering. Information (Switzerland), 2019, 10, 26.	2.9	4
1414	STResNet_CF Tracker: The Deep Spatiotemporal Features Learning for Correlation Filter Based Robust Visual Object Tracking. IEEE Access, 2019, 7, 30142-30156.	4.2	12
1415	Robust visual tracking via Laplacian Regularized Random Walk Ranking. Neurocomputing, 2019, 339, 139-148.	5.9	11
1416	A comparative study of information retrieval in grating-based x-ray phase-contrast imaging. Physics in Medicine and Biology, 2019, 64, 125010.	3.0	3

#	ARTICLE	IF	CITATIONS
1417	Adaptive spatio-temporal context learning for visual tracking. Imaging Science Journal, 2019, 67, 136-147.	0.5	5
1418	Real-Time 3D Head Pose Tracking Through 2.5D Constrained Local Models with Local Neural Fields. International Journal of Computer Vision, 2019, 127, 579-598.	15.6	2
1419	Sampling Operator to Learn the Scalable Correlation Filter for Visual Tracking. IEEE Access, 2019, 7, 11554-11564.	4.2	2
1420	Kerman: A Hybrid Lightweight Tracking Algorithm to Enable Smart Surveillance as an Edge Service. , 2019, , .		12
1421	Particle filter re-detection for visual tracking via correlation filters. Multimedia Tools and Applications, 2019, 78, 14277-14301.	3.9	48
1422	Detection based visual tracking with convolutional neural network. Knowledge-Based Systems, 2019, 175, 62-71.	7.1	29
1423	Multi-Vehicle Tracking via Real-Time Detection Probes and a Markov Decision Process Policy. Sensors, 2019, 19, 1309.	3.8	17
1424	High-Speed Object Tracking with Dynamic Vision Sensor. Lecture Notes in Electrical Engineering, 2019, , 164-174.	0.4	3
1425	Robust UAV-based tracking using hybrid classifiers. Machine Vision and Applications, 2019, 30, 125-137.	2.7	6
1426	Deformable Object Tracking With Gated Fusion. IEEE Transactions on Image Processing, 2019, 28, 3766-3777.	9.8	29
1427	Starts Better and Ends Better: A Target Adaptive Image Signature Tracker. , 2019, , .		0
1428	An Integrated Deep Learning Framework for Occluded Pedestrian Tracking. IEEE Access, 2019, 7, 26060-26072.	4.2	18
1429	Learning to Update for Object Tracking With Recurrent Meta-Learner. IEEE Transactions on Image Processing, 2019, 28, 3624-3635.	9.8	24
1430	Decision Controller for Object Tracking With Deep Reinforcement Learning. IEEE Access, 2019, 7, 28069-28079.	4.2	14
1431	A monocular-based navigation approach for unmanned aerial vehicle safe and autonomous transmission-line inspection. International Journal of Advanced Robotic Systems, 2019, 16, 172988141982994.	2.1	6
1432	Exploiting weak mask representation with convolutional neural networks for accurate object tracking. Multimedia Tools and Applications, 2019, 78, 20961-20985.	3.9	0
1433	Automatic Individual Pig Detection and Tracking in Pig Farms. Sensors, 2019, 19, 1188.	3.8	82
1434	Aerial Infrared Target Tracking in Complex Background Based on Combined Tracking and Detecting. Mathematical Problems in Engineering, 2019, 2019, 1-17.	1.1	10

#	ARTICLE	IF	CITATIONS
1435	Efficient visual tracking via sparse representation and back-projection histogram. Multimedia Tools and Applications, 2019, 78, 21759-21783.	3.9	5
1436	A Robust Visual Tracking Algorithm Based on Spatial-Temporal Context Hierarchical Response Fusion. Algorithms, 2019, 12, 8.	2.1	3
1437	A Real-time Moving Target Following Mobile Robot System with Depth Camera. IOP Conference Series: Materials Science and Engineering, 2019, 491, 012004.	0.6	0
1438	Self-Paced Dense Connectivity Learning for Visual Tracking. IEEE Access, 2019, 7, 37181-37191.	4.2	3
1439	Object tracking via dual fuzzy low-rank approximation. International Journal of Wavelets, Multiresolution and Information Processing, 2019, 17, 1940003.	1.3	1
1440	MS3D: Mean-Shift Object Tracking Boosted by Joint Back Projection of Color and Depth. Advances in Intelligent Systems and Computing, 2019, , 222-236.	0.6	1
1441	Robust and fast object tracking via co-trained adaptive correlation filter. Optik, 2019, 185, 20-29.	2.9	3
1442	Collaborative tracking based on contextual information and local patches. Machine Vision and Applications, 2019, 30, 587-601.	2.7	0
1443	Robust thermal infrared object tracking with continuous correlation filters and adaptive feature fusion. Infrared Physics and Technology, 2019, 98, 69-81.	2.9	22
1444	Automatic Failure Detection and Correction for Real-Time Object Tracking with Kernelized Correlation Filter. , 2019, , .		1
1445	Correlation Filter-Based Visual Tracking for UAV with Online Multi-Feature Learning. Remote Sensing, 2019, 11, 549.	4.0	37
1446	From person to group re-identification via unsupervised transfer of sparse features. Image and Vision Computing, 2019, 83-84, 29-38.	4.5	6
1447	Learning Fully Convolutional Network for Visual Tracking With Multi-Layer Feature Fusion. IEEE Access, 2019, 7, 25915-25923.	4.2	6
1448	A visual object tracking benchmark for cell motility in time-lapse imaging. Signal, Image and Video Processing, 2019, 13, 1063-1070.	2.7	0
1449	ESTHER: Joint Camera Self-Calibration and Automatic Radial Distortion Correction From Tracking of Walking Humans. IEEE Access, 2019, 7, 10754-10766.	4.2	31
1450	Beyond feature integration: a coarse-to-fine framework for cascade correlation tracking. Machine Vision and Applications, 2019, 30, 519-528.	2.7	5
1451	Exploiting the Anisotropy of Correlation Filter Learning for Visual Tracking. International Journal of Computer Vision, 2019, 127, 1084-1105.	15.6	9
1452	Learning transform-aware attentive network for object tracking. Neurocomputing, 2019, 349, 133-144.	5.9	27

#	ARTICLE	IF	CITATIONS
1453	Spatial-Temporal Context-Aware Tracking. IEEE Signal Processing Letters, 2019, 26, 500-504.	3.6	38
1454	Minding the Gaps in a Video Action Analysis Pipeline. , 2019, , .		10
1455	PAC Interaction Inspection Using Real-Time Contact Point Tracking. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4051-4064.	4.7	16
1456	Quadruplet Network With One-Shot Learning for Fast Visual Object Tracking. IEEE Transactions on Image Processing, 2019, 28, 3516-3527.	9.8	155
1457	HOGHS and Zernike Moments Features-Based Motion-Blurred Object Tracking. International Journal of Humanoid Robotics, 2019, 16, 1950004.	1.1	1
1458	The Sixth Visual Object Tracking VOT2018 Challenge Results. Lecture Notes in Computer Science, 2019, , 3-53.	1.3	152
1459	A Memory Model Based on the Siamese Network for Long-Term Tracking. Lecture Notes in Computer Science, 2019, , 100-115.	1.3	12
1460	A template consensus method for visual tracking. Optoelectronics Letters, 2019, 15, 70-74.	0.8	0
1461	A labeled random finite set online multi-object tracker for video data. Pattern Recognition, 2019, 90, 377-389.	8.1	44
1462	Robust Visual Tracking via an Improved Background Aware Correlation Filter. IEEE Access, 2019, 7, 24877-24888.	4.2	16
1463	Region-filtering correlation tracking. Knowledge-Based Systems, 2019, 172, 95-103.	7.1	6
1464	Multi-object tracking with discriminant correlation filter based deep learning tracker. Integrated Computer-Aided Engineering, 2019, 26, 273-284.	4.6	42
1465	Video-based multiscale identification approach for tower vibration of a cable-stayed bridge model under earthquake ground motions. Structural Control and Health Monitoring, 2019, 26, e2314.	4.0	25
1466	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
1467	Learn-select-track: An approach to multi-object tracking. Signal Processing: Image Communication, 2019, 74, 153-161.	3.2	5
1468	Neuro-probabilistic model for object tracking. Pattern Analysis and Applications, 2019, 22, 1609-1628.	4.6	3
1469	Minimum barrier distance based tracking via spatio-temporal context learning. Optoelectronics Letters, 2019, 15, 75-80.	0.8	0
1470	A Self-Selective Correlation Ship Tracking Method for Smart Ocean Systems. Sensors, 2019, 19, 821.	3.8	8

#	ARTICLE	IF	CITATIONS
1471	VisDrone-VDT2018: The Vision Meets Drone Video Detection and Tracking Challenge Results. Lecture Notes in Computer Science, 2019, , 496-518.	1.3	32
1472	Learning Modality-Consistency Feature Templates: A Robust RGB-Infrared Tracking System. IEEE Transactions on Industrial Electronics, 2019, 66, 9887-9897.	7.9	100
1473	ALeader-following Method Based on Binocular Stereo Vision For Quadraped Robots. , 2019, , .		1
1474	The Intergration of KCF-based Object Tracking and Gesture Recognition for Computer-assisted Surgery System. , 2019, , .		2
1475	A Kernelized Correlation Filter Tracker with Random Sampling Haar-Like Feature. , 2019, , .		1
1476	A Camera Tracking System Based on Closed-loop Kernelized Correlation Filters. IOP Conference Series: Materials Science and Engineering, 2019, 533, 012037.	0.6	0
1477	Robust Tracking for Motion Blur Based on Correlation Filter. , 2019, , .		1
1478	Learning to Track by Bi-Directional Long Short-Term Memory Networks. , 2019, , .		0
1479	Vision Information and Laser Module Based UAV Target Tracking. , 2019, , .		3
1480	Robust Visual Tracking Based on Complementary Diverse Information. , 2019, , .		0
1481	Correlation Filter Tracking Based on Fusion Feature and Time Regularization. , 2019, , .		0
1482	Multi-scale Correlation Filter Tracking with Adaptive Re-detection Mechanism. , 2019, , .		0
1483	Planar Tracking based on Deep Learning. , 2019, , .		0
1484	Robust Visual Tracking via Collaborative and Reinforced Convolutional Feature Learning. , 2019, , .		1
1485	Siamese Network for Visual Tracking via Focal Loss. , 2019, , .		0
1486	Visual Tracking via Locality-constrained Affine Subspace Coding. , 2019, , .		0
1487	Spatial-Temporal Segmentation-based Tracking. , 2019, , .		0
1488	balanced learning-based method for remote sensing aircraft detection. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
1489	Tracking of Moving Target Based on SiamMask for Video SAR System. , 2019, , .		2
1490	An Integrated Detection and Tracking System Applied to Unmanned Surface Vehicles. , 2019, , .		0
1491	A context-aware tracking method for aerial videos. , 2019, , .		0
1492	Adopting Feature-Weighted and Scale Adaptive for Real-Time Visual Tracking. , 2019, , .		0
1493	A Reliable Hand Tracking Method Using Kinect. , 2019, , .		1
1494	Lean thinking in total nursing care for mechanically ventilated patients: A new concept in ICU. Journal of Nursing Education and Practice, 2019, 10, 1.	0.2	0
1495	Object Tracking Based on Kernel Correlation Filter and Multi-feature Fusion. , 2019, , .		2
1496	Application of Multi-Camera Tracking and Positioning Technology in Substation. , 2019, , .		1
1497	A Robust Algorithm for Long-term Object Tracking Based on PTAV. , 2019, , .		0
1498	Siamese Visual Tracking with Robust Adaptive Learning. , 2019, , .		0
1499	Real-Time Multiple Pedestrian Tracking Based on Object Identification. , 2019, , .		4
1500	An Improved Kernel Correlation Filter for Occlusion Target Tracking. , 2019, , .		4
1501	Face tracking with a probabilistic Viola and Jones face detector. , 2019, , .		3
1502	Dynamic Fusion of Convolutional Features based on Spatial and Temporal Attention for Visual Tracking. , 2019, , .		5
1503	Visual Tracking Using Online Deep Reinforcement Learning with Heatmap. , 2019, , .		0
1504	Linear Rotate Subspace based Visual Tracking Methods with Application to UAV Stand-off Target Tracking. , 2019, , .		0
1505	Context-Aware weighted for visual tracking. , 2019, , .		0
1506	TrackDQN: Visual Tracking via Deep Reinforcement Learning. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
1507	Research of Pedestrian Re-identification Method Based on Video Surveillance. , 2019, , .		0
1508	Learning Spatial-Corrected Regularized Correlation Filters for Visual Tracking. , 2019, , .		2
1509	The Seventh Visual Object Tracking VOT2019 Challenge Results. , 2019, , .		216
1510	Kernelized Target Representation for Visual Tracking with Sparse Constraint. , 2019, , .		0
1511	Issues on Infrared Dim Small Target Detection and Tracking. , 2019, , .		19
1512	Design and Development of Ground Control System for Tethered UAV. , 2019, , .		3
1513	ASiam: adaptive Siamese regression tracking with adversarial template generation and motion-based failure recovery. IET Image Processing, 2019, 13, 2694-2705.	2.5	2
1514	Vehicle Positioning and Ranging with Static Traffic Camera based on 2D-3D Tracking and Re-Projection. , 2019, , .		0
1515	A Trajectory Optimization Algorithm for Drone Target Localization and Tracking. , 2019, , .		0
1516	Adaptive Target Detection Algorithm Based on Correlation Filtering. , 2019, , .		2
1517	Analysis of Vehicle Trajectories for Determining Cross-Sectional Load Density Based on Computer Vision. , 2019, , .		1
1518	Multi-Target Tracking and Segmentation Method for Missile-Borne Image Based on IoU Association. , 2019, , .		0
1519	A Target Tracking Algorithm Based on Multi-Feature Fusion. , 2019, , .		1
1520	Siamese Matching Network Based on Robust Feature Representation for Object Tracking. , 2019, , .		0
1521	Learning LASSO Regularized and Time-Aware Continuous Convolution Operator Correlation Filter for Visual Tracking. , 2019, , .		0
1522	VisDrone-MOT2019: The Vision Meets Drone Multiple Object Tracking Challenge Results. , 2019, , .		14
1523	Underwater Object Tracking Benchmark and Dataset. , 2019, , .		6
1524	Improving ADNet for Robust Tracking. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
1525	Deep Meta Learning for Real-Time Target-Aware Visual Tracking. , 2019, , .		72
1526	Moving Object Distance Estimation Method Based on Target Extraction with a Stereo Camera. , 2019, , .		7
1527	Design of airborne target tracking accelerator based on KCF. Journal of Engineering, 2019, 2019, 8966-8971.	1.1	5
1528	Correlation tracking via robust region proposals. Journal of Engineering, 2019, 2019, 5515-5518.	1.1	1
1529	Human Head Motion Modeling Using Monocular Cues for Interactive Robotic Applications. , 2019, , .		0
1530	Unsupervised Deep Tracking. , 2019, , .		270
1531	Visual Object Tracking by Using Ranking Loss. , 2019, , .		4
1532	Single Target Tracking Using Reliability Evaluation and Feature Selection. , 2019, , .		0
1533	Long-term 3D Registration Method Based on LCT Tracking and Improved ORB Detection. , 2019, , .		0
1534	Visualizing the Invisible: Occluded Vehicle Segmentation and Recovery. , 2019, , .		21
1535	Tree-Structured Correlation Filters for Robust Visual Tracking. , 2019, , .		1
1536	Deep Learning Approach For Object Tracking Of RoboEye. , 2019, , .		0
1537	SPM-Tracker: Series-Parallel Matching for Real-Time Visual Object Tracking. , 2019, , .		168
1538	Object Tracking via Multi-layer Convolutional Features with Adaptive Correlation Weighting. , 2019, , .		1
1539	Instantaneous Velocity Estimation of Magnetic Microrobots with Visual Tracking *. , 2019, , .		1
1540	A Structured Model for Action Detection. , 2019, , .		52
1541	Multiple Object Tracking Based on the Deep Neural Networks and Correlation Filter*. , 2019, , .		0
1542	An Efficient Human-Following Method by Fusing Kernelized Correlation Filter and Depth Information for Mobile Robot. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
1543	Dynamic Material-Aware Object Tracking in Hyperspectral Videos. , 2019, , .		11
1544	Deep Siamese Networks toward Robust Visual Tracking. , 2019, , .		5
1545	Visual Tracking via Adaptive Spatially-Regularized Correlation Filters. , 2019, , .		288
1546	The Moving Target Recognition and Tracking Using RGB-D Data with the Mobile Robot. , 2019, , .		0
1547	An Anti-Occlusion Correlation Filter Algorithm for Visual Tracking. , 2019, , .		0
1548	Intelligent Detection of Object's Anomalies for Road Surveillance Cameras. , 2019, , .		5
1549	Relay dueling network for visual tracking with broad field-of-view. IET Computer Vision, 2019, 13, 615-622.	2.0	4
1550	Kervolutional Neural Networks. , 2019, , .		39
1551	Deep Motion-Appearance Convolutions for Robust Visual Tracking. IEEE Access, 2019, 7, 180451-180466.	4.2	2
1552	Robust Object Tracking Using Affine Transformation and Convolutional Features. IEEE Access, 2019, 7, 182489-182498.	4.2	0
1553	Moving vehicle tracking based on improved tracking-“learning”-detection algorithm. IET Computer Vision, 2019, 13, 730-741.	2.0	14
1554	Structural Low-Rank Tracking. , 2019, , .		6
1555	Prediction-Based Scale Adaptive Correlation Filter Tracker. IEICE Transactions on Information and Systems, 2019, E102.D, 2267-2271.	0.7	0
1556	Performance Evaluation of Visual Object Detection and Tracking Algorithms Used in Remote Photoplethysmography. , 2019, , .		16
1557	Detection and Tracking of Fingertips for Geometric Transformation of Objects in Virtual Environment. , 2019, , .		2
1558	UAV Low Altitude Flight Threat Perception Based on Improved SSD and KCF. , 2019, , .		2
1559	Bridging the Gap Between Detection and Tracking: A Unified Approach. , 2019, , .		34
1560	Learning the Model Update for Siamese Trackers. , 2019, , .		240

#	ARTICLE	IF	CITATIONS
1561	Fast-deepKCF Without Boundary Effect. , 2019, , .		11
1562	GradNet: Gradient-Guided Network for Visual Object Tracking. , 2019, , .		219
1563	Joint Group Feature Selection and Discriminative Filter Learning for Robust Visual Object Tracking. , 2019, , .		128
1564	CTDB: A Color and Depth Visual Object Tracking Dataset and Benchmark. , 2019, , .		34
1565	Deep Adaptive Fusion Network for High Performance RGBT Tracking. , 2019, , .		69
1566	Real-Time UAV Tracking Based on PSR Stability. , 2019, , .		8
1567	Flow Guided Short-Term Trackers with Cascade Detection for Long-Term Tracking. , 2019, , .		3
1568	A Novel Spatial and Temporal Context-Aware Approach for Drone-Based Video Object Detection. , 2019, , .		3
1569	VisDrone-SOT2019: The Vision Meets Drone Single Object Tracking Challenge Results. , 2019, , .		19
1570	Multi-Modal Fusion for End-to-End RGB-T Tracking. , 2019, , .		77
1571	Fast Visual Object Tracking using Ellipse Fitting for Rotated Bounding Boxes. , 2019, , .		11
1572	A Robust Visual Tracker Based on DCF Algorithm. International Journal of Software Engineering and Knowledge Engineering, 2019, 29, 1819-1834.	0.8	1
1573	Online Model Distillation for Efficient Video Inference. , 2019, , .		38
1574	Accurate Ship Tracking in Maritime Images with Kernelized Correlation Filter and Curve Fitting. , 2019, , .		2
1575	MONET: Multiview Semi-Supervised Keypoint Detection via Epipolar Divergence. , 2019, , .		24
1576	Human Motion Prediction Based on Visual Tracking. , 2019, , .		0
1577	A Re-ID and Tracking-by-detection Framework for Multiple Wildlife Tracking with Artiodactyla Characteristics in Ecological Surveillance. , 2019, , .		2
1578	Learning Discriminative Model Prediction for Tracking. , 2019, , .		697

#	ARTICLE	IF	CITATIONS
1579	Low-Rank Tensor Tracking. , 2019, , .		3
1580	Video-Based Contactless Heart-Rate Detection and Counting via Joint Blind Source Separation with Adaptive Noise Canceller. Applied Sciences (Switzerland), 2019, 9, 4349.	2.5	9
1581	Fast Online Object Tracking and Segmentation: A Unifying Approach. , 2019, , .		848
1582	On Detecting and Handling target occlusions in Correlation-filter-based 2D tracking. , 2019, , .		0
1583	Adaptive Context-Aware and Structural Correlation Filter for Visual Tracking. Applied Sciences (Switzerland), 2019, 9, 1338.	2.5	1
1584	Uncertain Motion Tracking Combined Markov Chain Monte Carlo and Correlation Filters. IEEE Access, 2019, 7, 167076-167088.	4.2	3
1585	Progress and Outlook of Visual Tracking: Bibliographic Analysis and Perspective. IEEE Access, 2019, 7, 184581-184598.	4.2	0
1586	A KCF-Based Tracker with Faster Scale Estimation and Effective Occlusion Detection. , 2019, , .		0
1587	Graph Convolutional Tracking. , 2019, , .		211
1588	SiamRPN++: Evolution of Siamese Visual Tracking With Very Deep Networks. , 2019, , .		1,261
1589	LaSOT: A High-Quality Benchmark for Large-Scale Single Object Tracking. , 2019, , .		743
1590	ROI Pooled Correlation Filters for Visual Tracking. , 2019, , .		63
1591	An Improved Struck Tracking Algorithm Based on Scale Adaptation and Selective Updating. , 2019, , .		1
1592	Enhanced Initialization with Multi-Stage Learning for Robust Visual Tracking. , 2019, , .		2
1593	Learning a Reliable Decision Making Policy for Robust Tracking. , 2019, , .		1
1594	Improved Background-Aware Correlation Filters based on Content-Related Spatial Regularization. , 2019, , .		0
1595	Enhancing Siamese Network by Color Histogram Based Bayes Classifier for Distractor-aware Object Tracking. , 2019, , .		0
1596	Position-based monocular visual servoing of an unknown target using online self-supervised learning. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
1597	Target tracking algorithm based on convolutional neural network and particle filtering. , 2019, , .		0
1598	Robust Visual Tracking with Channel Weighted Color Ratio Feature. , 2019, , .		2
1599	Person-following for Telepresence Robots Using Web Cameras. , 2019, , .		9
1600	Correlation Filter Tracking Method via Metric Learning and Adaptive Multi-stage Appearance. , 2019, , .		0
1601	Abnormal Detection of Substation environment based on Improved YOLOv3. , 2019, , .		4
1602	Robust Visual Tracking via Multilayer CaffeNet Features and Improved Correlation Filtering. IEEE Access, 2019, 7, 174495-174506.	4.2	5
1603	Boundary Effect-Aware Visual Tracking for UAV with Online Enhanced Background Learning and Multi-Frame Consensus Verification. , 2019, , .		25
1604	Towards a Robust Aerial Cinematography Platform: Localizing and Tracking Moving Targets in Unstructured Environments. , 2019, , .		51
1605	A Two-level Adaptive Target Recognition and Tracking Method Based on Vision for Multi-robot System. , 2019, , .		1
1606	A Siamese-Detection Network for Real-Time Object Tracking. , 2019, , .		0
1607	Double Peaks Detection for Object Tracking. , 2019, , .		0
1608	ATOM: Accurate Tracking by Overlap Maximization. , 2019, , .		777
1609	Embedded UAV Real-Time Visual Object Detection and Tracking. , 2019, , .		26
1610	Enhanced Multiple-Object Tracking Using Delay Processing and Binary-Channel Verification. Applied Sciences (Switzerland), 2019, 9, 4771.	2.5	3
1611	Online non-negative discriminative dictionary learning for tracking. Eurasip Journal on Advances in Signal Processing, 2019, 2019, .	1.7	0
1612	Implementation of Autonomous Visual Detection, Tracking and Landing for AR.Drone 2.0 Quadcopter. , 2019, , .		8
1613	Learning Aberrance Repressed Correlation Filters for Real-Time UAV Tracking. , 2019, , .		231
1614	Robust Instruments Position Estimation using Improved Kernelized Correlation Filter for Substation Patrol Robots. International Journal of Pattern Recognition and Artificial Intelligence, 2019, 33, 1954033.	1.2	2

#	ARTICLE	IF	CITATIONS
1615	Vision-Based Ground Moving Object Tracking for Micro Air Vehicles. , 2019, , .		0
1616	Target-Aware Deep Tracking. , 2019, , .		304
1617	A Hybrid Method for Tracking of Objects by UAVs. , 2019, , .		12
1618	AMP: Adaptive Masked Proxies for Few-Shot Segmentation. , 2019, , .		113
1619	Target Tracking Algorithm for Specific Person Based on Multi-loss of Siamese Network. , 2019, , .		0
1620	Lightweight Deep Neural Network for Real-Time Visual Tracking with Mutual Learning. , 2019, , .		4
1621	An anti-occlusion tracking system for UAV imagery based on Discriminative Scale Space Tracker and Optical Flow. , 2019, , .		1
1622	Real-Time Visual Tracking with Variational Structure Attention Network. Sensors, 2019, 19, 4904.	3.8	5
1623	Joint spatiograms for multi-modality tracking with online update. Pattern Recognition Letters, 2019, 127, 128-137.	4.2	2
1624	Visual tracking based on semantic and similarity learning. IET Computer Vision, 2019, 13, 623-631.	2.0	2
1625	A scale transform and deformation target tracking algorithm based on correlation filtering. IOP Conference Series: Materials Science and Engineering, 2019, 569, 052051.	0.6	0
1626	A Ranking Based Attention Approach for Visual Tracking. , 2019, , .		1
1627	An End-to-End Location and Regression Tracker with Attention-based Fused Features. , 2019, , .		1
1628	An Improved Motion Capture System for Multiple Wheeled Mobile Robots Based on KCF and GMM. , 2019, , .		1
1629	Real-Time Tracking of Guidewire Robot Tips Using Deep Convolutional Neural Networks on Successive Localized Frames. IEEE Access, 2019, 7, 159743-159753.	4.2	10
1630	Object Tracking With Structured Metric Learning. IEEE Access, 2019, 7, 161764-161775.	4.2	1
1631	Bidirectional Tracking Scheme for Visual Object Tracking Based on Recursive Orthogonal Least Squares. IEEE Access, 2019, 7, 159199-159213.	4.2	7
1632	Weighted Multiple Instance-Based Deep Correlation Filter for Video Tracking Processing. IEEE Access, 2019, 7, 161220-161230.	4.2	1

#	ARTICLE	IF	CITATIONS
1633	Online Multi-Object Tracking With GMPHD Filter and Occlusion Group Management. IEEE Access, 2019, 7, 165103-165121.	4.2	26
1634	An Improved Correlation Filter-Based Target Tracking Method. , 2019, , .		1
1635	Augmented Reality Tracking Registration Based on Improved KCF Tracking and ORB Feature Detection. , 2019, , .		3
1636	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
1637	Real Time Multiple Object Tracking using Deep Features and Localization Information. , 2019, , .		0
1638	Coupling one-shot learning and online discriminative learning for robust object tracking. Journal of Intelligent and Fuzzy Systems, 2019, 36, 819-828.	1.4	0
1639	Anti-Occlusion Correlation Filter Tracking Based on Multi-Peaks Response. , 2019, , .		0
1640	A Fast Hybrid-kernel Correlation Filter Tracking Algorithm. , 2019, , .		0
1641	Tracking Multiple Target Cowsâ€™ Ruminant Mouth Areas Using Optical Flow and Inter-Frame Difference Methods. IEEE Access, 2019, 7, 185520-185531.	4.2	12
1642	Deep Visual Detection-Tracker for Aerial Target. , 2019, , .		1
1644	Hierarchical Deep Feature for Visual Tracking via Discriminative Correlation Filter. , 2019, , .		0
1645	Real-Time Multi-Modal People Detection and Tracking of Mobile Robots with A RGB-D Sensor. , 2019, , .		3
1646	Object tracking framework with Siamese network and re-detection mechanism. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	7
1647	A Video Database of Neonatal Facial Expression based on Painful Clinical Procedures. , 2019, 2019, 6565-6568.		2
1648	Robust Multi-modality Anchor Graph-based Label Prediction for RGB-Infrared Tracking. IEEE Transactions on Industrial Informatics, 2019, , 1-1.	11.3	14
1649	Robust Event-Based Object Tracking Combining Correlation Filter and CNN Representation. Frontiers in Neurorobotics, 2019, 13, 82.	2.8	23
1650	Extraction and Detection of Surface Defects in Particleboards by Tracking Moving Targets. Algorithms, 2019, 12, 6.	2.1	4
1651	An Anti-Drift Background-Aware Correlation Filter for Visual Tracking in Complex Scenes. IEEE Access, 2019, 7, 185857-185867.	4.2	5

#	ARTICLE	IF	CITATIONS
1652	iPAC: Integrate Pedestrian Dead Reckoning and Computer Vision for Indoor Localization and Tracking. IEEE Access, 2019, 7, 183514-183523.	4.2	10
1653	Long-Term Visual Object Tracking via Continual Learning. IEEE Access, 2019, 7, 182548-182558.	4.2	1
1654	Adaptive Multi-Strategy Observation of Kernelized Correlation Filter for Visual Object Tracking. , 2019, , .		0
1655	Learning Correlation Filter With Detection Response For Visual Tracking. , 2019, , .		0
1656	Hybridizing Teaching-Learning-Based Optimization With Adaptive Grasshopper Optimization Algorithm for Abrupt Motion Tracking. IEEE Access, 2019, 7, 168575-168592.	4.2	14
1657	Learning Hierarchical Features for Visual Object Tracking With Recursive Neural Networks. , 2019, , .		2
1658	Framework For UAV Mobile Object Tracking based on UE4SIM. , 2019, , .		4
1659	Robust online visual tracking via stable and adaptive memories. Journal of Intelligent and Fuzzy Systems, 2019, 36, 5521-5531.	1.4	2
1660	Incremental learning-based visual tracking with weighted discriminative dictionaries. International Journal of Advanced Robotic Systems, 2019, 16, 172988141989015.	2.1	0
1661	Visual Servo Application Using Model Predictive Control (MPC) Method on Pan-tilt Camera Platform. , 2019, , .		3
1662	Confidence map based KCF object tracking algorithm. , 2019, , .		4
1663	A video-based tracking system for football player analysis using Efficient Convolution Operators. , 2019, , .		2
1664	Enhanced Fiducial Marker Based Precise Landing for Quadrotors. , 2019, , .		6
1665	Asynchronous Tracking-by-Detection on Adaptive Time Surfaces for Event-based Object Tracking. , 2019, , .		16
1666	Detectable Object-Sizes Range Estimation Based Multi-Task Cascaded Convolutional Neural Networks in the Vehicle Environment. , 2019, , .		0
1667	Brain Informatics. Lecture Notes in Computer Science, 2019, , .	1.3	3
1668	SiamVGG-LLC: Visual Tracking Using LLC and Deeper Siamese Networks. , 2019, , .		3
1669	ACFT: adversarial correlation filter for robust tracking. IET Image Processing, 2019, 13, 2687-2693.	2.5	3

#	ARTICLE	IF	CITATIONS
1670	Object Tracking by Reconstruction With View-Specific Discriminative Correlation Filters. , 2019, , .		56
1671	A polar model for fast object tracking in 360-degree camera images. Multimedia Tools and Applications, 2019, 78, 9275-9297.	3.9	3
1672	Dynamic Collaborative Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3035-3046.	11.3	9
1673	A stable long-term object tracking method with re-detection strategy. Pattern Recognition Letters, 2019, 127, 119-127.	4.2	12
1674	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
1675	KCF Tracking Algorithm Based on Outlier Detection. Advances in Intelligent Systems and Computing, 2019, , 129-135.	0.6	0
1676	Parallel Attentive Correlation Tracking. IEEE Transactions on Image Processing, 2019, 28, 479-491.	9.8	23
1677	Learning correlation filters in independent feature channels for robust visual tracking. Pattern Recognition Letters, 2019, 127, 94-102.	4.2	3
1678	Real-time visual tracking with ELM augmented adaptive correlation filter. Pattern Recognition Letters, 2019, 127, 138-145.	4.2	7
1679	Robust object tracking with the inverse relocation strategy. Neural Computing and Applications, 2019, 31, 123-132.	5.6	5
1680	Object tracking under large motion: Combining coarse-to-fine search with superpixels. Information Sciences, 2019, 480, 194-210.	6.9	10
1681	DCF with high-speed spatial constraint. IET Image Processing, 2019, 13, 44-48.	2.5	1
1682	Learning-Based Hand Motion Capture and Understanding in Assembly Process. IEEE Transactions on Industrial Electronics, 2019, 66, 9703-9712.	7.9	18
1683	Scale-adaptive tracking based on perceptual hash and correlation filter. Multimedia Tools and Applications, 2019, 78, 16011-16032.	3.9	5
1684	Robust visual tracking via scale-and-state-awareness. Neurocomputing, 2019, 329, 75-85.	5.9	29
1685	Collaborative correlation filters for real-time tracking with spatial constraint. International Journal of Wavelets, Multiresolution and Information Processing, 2019, 17, 1950012.	1.3	0
1686	A Survey of Multi-object Video Tracking Algorithms. Advances in Intelligent Systems and Computing, 2019, , 351-369.	0.6	4
1687	Distracter-aware tracking via correlation filter. Neurocomputing, 2019, 348, 134-144.	5.9	9

#	ARTICLE	IF	CITATIONS
1688	A novel framework for robust long-term object tracking in real-time. Machine Vision and Applications, 2019, 30, 529-539.	2.7	0
1689	Tracking in Aerial Hyperspectral Videos Using Deep Kernelized Correlation Filters. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 449-461.	6.3	71
1690	Synthetic Data Generation for End-to-End Thermal Infrared Tracking. IEEE Transactions on Image Processing, 2019, 28, 1837-1850.	9.8	104
1691	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
1692	Robust visual tracking via nonlocal regularized multi-view sparse representation. Pattern Recognition, 2019, 88, 75-89.	8.1	18
1693	MSST-ResNet: Deep multi-scale spatiotemporal features for robust visual object tracking. Knowledge-Based Systems, 2019, 164, 235-252.	7.1	30
1694	Learning target-aware correlation filters for visual tracking. Journal of Visual Communication and Image Representation, 2019, 58, 149-159.	2.8	12
1695	On-Road Vehicle Tracking Using Part-Based Particle Filter. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4538-4552.	8.0	33
1696	Object Tracking Algorithm Based on Dual Color Feature Fusion with Dimension Reduction. Sensors, 2019, 19, 73.	3.8	3
1698	Visual tracking with online structural similarity-based weighted multiple instance learning. Information Sciences, 2019, 481, 292-310.	6.9	21
1699	Adaptive sampling for UAV tracking. Neural Computing and Applications, 2019, 31, 5029-5043.	5.6	6
1700	Autonomous Detection and Tracking of a High-Speed Ground Vehicle using a Quadrotor UAV. , 2019, , .		1
1702	Adaptive Sample Weight for Machine Learning Computer Vision Algorithms in V2X Systems. IEEE Access, 2019, 7, 4676-4687.	4.2	3
1703	Learning Local-Global Multi-Graph Descriptors for RGB-T Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2913-2926.	8.3	36
1704	Multi-Correlation Filters With Triangle-Structure Constraints for Object Tracking. IEEE Transactions on Multimedia, 2019, 21, 1122-1134.	7.2	52
1705	Single online visual object tracking with enhanced tracking and detection learning. Multimedia Tools and Applications, 2019, 78, 12333-12351.	3.9	7
1706	Robust visual tracking via identifying multi-scale patches. Multimedia Tools and Applications, 2019, 78, 14195-14230.	3.9	3
1707	Multi attention module for visual tracking. Pattern Recognition, 2019, 87, 80-93.	8.1	61

#	ARTICLE	IF	CITATIONS
1708	A novel reverse sparse model utilizing the spatio-temporal relationship of target templates for object tracking. Neurocomputing, 2019, 323, 319-334.	5.9	11
1709	Multi-level context-adaptive correlation tracking. Pattern Recognition, 2019, 87, 216-225.	8.1	14
1710	A Robust Parallel Object Tracking Method for Illumination Variations. Mobile Networks and Applications, 2019, 24, 5-17.	3.3	144
1711	Hierarchical Tracking by Reinforcement Learning-Based Searching and Coarse-to-Fine Verifying. IEEE Transactions on Image Processing, 2019, 28, 2331-2341.	9.8	65
1712	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
1713	Context-aware long-term correlation tracking with hierarchical convolutional features. Pattern Recognition Letters, 2019, 127, 110-118.	4.2	3
1714	Spectral Filter Tracking. IEEE Transactions on Image Processing, 2019, 28, 2479-2489.	9.8	11
1715	Multi-Task Hierarchical Feature Learning for Real-Time Visual Tracking. IEEE Sensors Journal, 2019, 19, 1961-1968.	4.7	7
1716	Coarse-to-Fine UAV Target Tracking With Deep Reinforcement Learning. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1522-1530.	5.2	90
1717	A Low-Power Deep Neural Network Online Learning Processor for Real-Time Object Tracking Application. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 1794-1804.	5.4	37
1718	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
1719	Queuing theory guided intelligent traffic scheduling through video analysis using Dirichlet process mixture model. Expert Systems With Applications, 2019, 118, 169-181.	7.6	11
1720	Taking full advantage of convolutional network for robust visual tracking. Multimedia Tools and Applications, 2019, 78, 11011-11025.	3.9	1
1721	Robust visual tracking with adaptive initial configuration and likelihood landscape analysis. IET Computer Vision, 2019, 13, 1-7.	2.0	0
1722	Structured fragment-based object tracking using discrimination, uniqueness, and validity selection. Multimedia Systems, 2019, 25, 487-511.	4.7	6
1723	A Novel Real-Time Moving Target Tracking and Path Planning System for a Quadrotor UAV in Unknown Unstructured Outdoor Scenes. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2362-2372.	9.3	98
1724	Reliable Re-Detection for Long-Term Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 730-743.	8.3	50
1725	Feature Distilled Tracking. IEEE Transactions on Cybernetics, 2019, 49, 440-452.	9.5	15

#	ARTICLE	IF	CITATIONS
1726	Interactive Hierarchical Object Proposals. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2552-2566.	8.3	1
1727	Multi-Task Structure-Aware Context Modeling for Robust Keypoint-Based Object Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 915-927.	13.9	14
1728	Scale adaptive correlation tracking based on convolutional features. Wireless Networks, 2019, 25, 3715-3725.	3.0	0
1729	Robust Structural Sparse Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 473-486.	13.9	75
1730	Learning Multi-Task Correlation Particle Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 365-378.	13.9	136
1731	Deep motion and appearance cues for visual tracking. Pattern Recognition Letters, 2019, 124, 74-81.	4.2	24
1732	Online convolution network tracking via spatio-temporal context. Multimedia Tools and Applications, 2019, 78, 257-270.	3.9	5
1733	Vision-Aided Multi-UAV Autonomous Flocking in GPS-Denied Environment. IEEE Transactions on Industrial Electronics, 2019, 66, 616-626.	7.9	90
1734	Hedging Deep Features for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1116-1130.	13.9	97
1735	Learning Support Correlation Filters for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1158-1172.	13.9	71
1736	On-board visual navigation system for unmanned aerial vehicles autonomous aerial refueling. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 1193-1203.	1.3	5
1737	Revisiting correlation-based filters for low-resolution and long-term visual tracking. Visual Computer, 2019, 35, 1447-1459.	3.5	8
1738	A Data Set for Airborne Maritime Surveillance Environments. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2720-2732.	8.3	50
1739	DS-KCF: a real-time tracker for RGB-D data. Journal of Real-Time Image Processing, 2019, 16, 1439-1458.	3.5	35
1740	Modality-correlation-aware sparse representation for RGB-infrared object tracking. Pattern Recognition Letters, 2020, 130, 12-20.	4.2	77
1741	Robust blood pressure estimation using an RGB camera. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4329-4336.	4.9	39
1742	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
1743	Joint Correlation Filtering for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 167-178.	8.3	10

#	ARTICLE	IF	CITATIONS
1744	High-Performance Visual Tracking With Extreme Learning Machine Framework. IEEE Transactions on Cybernetics, 2020, 50, 2781-2792.	9.5	31
1745	Toward Occlusion Handling in Visual Tracking via Probabilistic Finite State Machines. IEEE Transactions on Cybernetics, 2020, 50, 1726-1738.	9.5	10
1746	Progressive generative adversarial networks with reliable sample identification. Pattern Recognition Letters, 2020, 130, 91-98.	4.2	8
1747	Part-based visual tracking with spatially regularized correlation filters. Visual Computer, 2020, 36, 509-527.	3.5	18
1748	End-to-End Active Object Tracking and Its Real-World Deployment via Reinforcement Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1317-1332.	13.9	74
1749	Long-term correlation tracking via spatial-temporal context. Visual Computer, 2020, 36, 425-442.	3.5	4
1750	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
1751	Correlation filter tracking algorithm based on multiple features and average peak correlation energy. Multimedia Tools and Applications, 2020, 79, 14671-14688.	3.9	1
1752	Real-time shape tracking of facial landmarks. Multimedia Tools and Applications, 2020, 79, 15945-15963.	3.9	6
1753	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
1754	Unified Graph-Based Multicue Feature Fusion for Robust Visual Tracking. IEEE Transactions on Cybernetics, 2020, 50, 2357-2368.	9.5	16
1755	A Comparative Study of Illumination Invariant Techniques in Video Tracking Perspective. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2020, 37, 353-364.	3.2	2
1756	Visual Tracking via Auto-Encoder Pair Correlation Filter. IEEE Transactions on Industrial Electronics, 2020, 67, 3288-3297.	7.9	13
1757	Efficient Hybrid-Supervised Deep Reinforcement Learning for Person Following Robot. Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 97, 299-312.	3.4	16
1758	Correlation Filter Tracking Algorithm Based on Multiple Features and Average Peak Correlation Energy. Studies in Computational Intelligence, 2020, , 251-260.	0.9	1
1759	A robust visual tracking method via local feature extraction and saliency detection. Visual Computer, 2020, 36, 683-700.	3.5	19
1760	Real-time object tracking based on an adaptive transition model and extended Kalman filter to handle full occlusion. Visual Computer, 2020, 36, 701-715.	3.5	11
1761	Object tracking with collaborative extreme learning machines. Multimedia Tools and Applications, 2020, 79, 4965-4988.	3.9	0

#	ARTICLE	IF	CITATIONS
1762	GPU-based chromatic co-occurrence matrices for tracking moving objects. Journal of Real-Time Image Processing, 2020, 17, 1197-1210.	3.5	2
1763	ROAM: A Rich Object Appearance Model with Application to Rotoscoping. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1996-2010.	13.9	3
1764	Cognitive Internet of Things: Frameworks, Tools and Applications. Studies in Computational Intelligence, 2020, , .	0.9	0
1765	On large appearance change in visual tracking. Neural Computing and Applications, 2020, 32, 6089-6109.	5.6	1
1766	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
1767	Sparse Feature Learning for Correlation Filter Tracking Toward 5G-Enabled Tactile Internet. IEEE Transactions on Industrial Informatics, 2020, 16, 1904-1913.	11.3	29
1768	Enhancing perception for the visually impaired with deep learning techniques and low-cost wearable sensors. Pattern Recognition Letters, 2020, 137, 27-36.	4.2	44
1769	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
1770	Adaptive Discriminative Deep Correlation Filter for Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 155-166.	8.3	35
1771	Learning Scale-Adaptive Tight Correlation Filter for Object Tracking. IEEE Transactions on Cybernetics, 2020, 50, 270-283.	9.5	23
1772	Face detection and tracking using hybrid margin-based ROI techniques. Visual Computer, 2020, 36, 633-647.	3.5	12
1773	Visual Tracking Using Kernelized Correlation Filter with Conditional Switching to Median Flow Tracker. IETE Journal of Research, 2020, 66, 427-438.	2.6	4
1774	Spatial and semantic convolutional features for robust visual object tracking. Multimedia Tools and Applications, 2020, 79, 15095-15115.	3.9	148
1775	Visual Object Tracking by Hierarchical Attention Siamese Network. IEEE Transactions on Cybernetics, 2020, 50, 3068-3080.	9.5	113
1776	Aggregation Signature for Small Object Tracking. IEEE Transactions on Image Processing, 2020, 29, 1738-1747.	9.8	16
1777	Robust object tracking based on ridge regression and multi-scale local sparse coding. Multimedia Tools and Applications, 2020, 79, 785-804.	3.9	1
1778	Real-time visual tracking using complementary kernel support correlation filters. Frontiers of Computer Science, 2020, 14, 417-429.	2.4	11
1779	RFR-DLVT: a hybrid method for real-time face recognition using deep learning and visual tracking. Enterprise Information Systems, 2020, 14, 1379-1393.	4.7	11

#	ARTICLE	IF	CITATIONS
1780	Surrounding-aware correlation filter for UAV tracking with selective spatial regularization. Signal Processing, 2020, 167, 107324.	3.7	11
1781	Deep Spatial and Temporal Network for Robust Visual Object Tracking. IEEE Transactions on Image Processing, 2020, 29, 1762-1775.	9.8	14
1782	Visual measurement method for large-space dynamic angles. Measurement Science and Technology, 2020, 31, 045011.	2.6	4
1783	Visual Object Tracking via Guessing and Matching. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4182-4191.	8.3	11
1784	Adaptive model updating for robust object tracking. Signal Processing: Image Communication, 2020, 80, 115656.	3.2	2
1785	Real-time manifold regularized context-aware correlation tracking. Frontiers of Computer Science, 2020, 14, 334-348.	2.4	8
1786	Visual object tracking via collaborative correlation filters. Signal, Image and Video Processing, 2020, 14, 177-185.	2.7	2
1787	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
1788	A Comparison of Correlation Filter-Based Trackers and Struck Trackers. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3106-3118.	8.3	5
1789	Online Multi-Expert Learning for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 934-946.	9.8	29
1790	Visual tracking tracker via object proposals and co-trained kernelized correlation filters. Visual Computer, 2020, 36, 1173-1187.	3.5	8
1791	Robust visual tracking using self-adaptive strategy. Multimedia Tools and Applications, 2020, 79, 141-162.	3.9	4
1792	Shot type constraints in UAV cinematography for autonomous target tracking. Information Sciences, 2020, 506, 273-294.	6.9	29
1793	Deep Position-Sensitive Tracking. IEEE Transactions on Multimedia, 2020, 22, 96-107.	7.2	8
1794	SemiMap: A Semi-Folded Convolution Mapping for Speed-Overhead Balance on Crossbars. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 117-130.	2.7	15
1795	Robust Long-Term Tracking via Instance-Specific Proposals. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 950-962.	4.7	17
1796	Dynamic swarm particle for fast motion vehicle tracking. ETRI Journal, 2020, 42, 54-66.	2.0	5
1797	Fast and sub-pixel precision target tracking algorithm for intelligent dual-resolution camera. Visual Computer, 2020, 36, 1157-1171.	3.5	5

#	ARTICLE	IF	CITATIONS
1798	Model-Free Tracker for Multiple Objects Using Joint Appearance and Motion Inference. IEEE Transactions on Image Processing, 2020, 29, 277-288.	9.8	9
1799	On-Demand Greenwave for Emergency Vehicles in a Time-Varying Road Network With Uncertainties. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3056-3068.	8.0	16
1800	End-to-end deep metric network for visual tracking. Visual Computer, 2020, 36, 1219-1232.	3.5	8
1801	Development of UAV-Based Target Tracking and Recognition Systems. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3409-3422.	8.0	63
1802	Query-Based Video Synopsis for Intelligent Traffic Monitoring Applications. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3457-3468.	8.0	23
1803	Guidance for Autonomous Aerial Manipulator Using Stereo Vision. Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 100, 1545-1557.	3.4	4
1804	Correlation Filter Selection for Visual Tracking Using Reinforcement Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 192-204.	8.3	19
1805	A Collaborative Visual Tracking Architecture for Correlation Filter and Convolutional Neural Network Learning. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3423-3435.	8.0	9
1806	Visual Tracking by Structurally Optimizing Pre-Trained CNN. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3153-3166.	8.3	9
1807	Temporal Frame Sub-Sampling for Video Object Tracking. Journal of Signal Processing Systems, 2020, 92, 569-581.	2.1	1
1808	A Robust Visual Person-Following Approach for Mobile Robots in Disturbing Environments. IEEE Systems Journal, 2020, 14, 2965-2968.	4.6	14
1809	Temporal-spatial consistency of self-adaptive target response for long-term correlation filter tracking. Signal, Image and Video Processing, 2020, 14, 639-644.	2.7	0
1810	Manifold Siamese Network: A Novel Visual Tracking ConvNet for Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1612-1623.	8.0	33
1811	Multi-view correlation tracking with adaptive memory-improved update model. Neural Computing and Applications, 2020, 32, 9047-9063.	5.6	10
1812	Learning to Draw Sight Lines. International Journal of Computer Vision, 2020, 128, 1076-1100.	15.6	14
1813	A new TLD target tracking method based on improved correlation filter and adaptive scale. Visual Computer, 2020, 36, 1783-1795.	3.5	11
1814	Siamese network for real-time tracking with action-selection. Journal of Real-Time Image Processing, 2020, 17, 1647-1657.	3.5	6
1815	Target tracking from infrared imagery via an improved appearance model. Infrared Physics and Technology, 2020, 104, 103116.	2.9	15

#	ARTICLE	IF	CITATIONS
1816	An improved CNN framework for detecting and tracking human body in unconstraint environment. Knowledge-Based Systems, 2020, 193, 105198.	7.1	15
1817	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
1818	Autonomous aerial cinematography in unstructured environments with learned artistic decision-making. Journal of Field Robotics, 2020, 37, 606-641.	6.0	57
1819	UAV tracking based on saliency detection. Soft Computing, 2020, 24, 12149-12162.	3.6	2
1820	An automatic computer vision pipeline for the in-line monitoring of freeze-drying processes. Computers in Industry, 2020, 115, 103184.	9.9	12
1821	Ensemble Tracking Based on Diverse Collaborative Framework With Multi-Cue Dynamic Fusion. IEEE Transactions on Multimedia, 2020, 22, 2698-2710.	7.2	5
1822	IWSCR: An Intelligent Water Surface Cleaner Robot for Collecting Floating Garbage. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6358-6368.	9.3	32
1823	Point Siamese Network for Person Tracking Using 3D Point Clouds. Sensors, 2020, 20, 143.	3.8	7
1824	Joint horizontal-vertical enhancement and tracking scheme for robust contact-point detection from pantograph-catenary infrared images. Infrared Physics and Technology, 2020, 105, 103156.	2.9	25
1825	SIST: Online Scale-Adaptive Object tracking with Stepwise Insight. Neurocomputing, 2020, 384, 200-212.	5.9	5
1826	Research on a real-time pose estimation method for a seam tracking system. Optics and Lasers in Engineering, 2020, 127, 105947.	3.8	19
1827	Transfer learning-based discriminative correlation filter for visual tracking. Pattern Recognition, 2020, 100, 107157.	8.1	18
1828	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
1829	Low-resolution facial expression recognition: A filter learning perspective. Signal Processing, 2020, 169, 107370.	3.7	30
1830	Classifying ASD children with LSTM based on raw videos. Neurocomputing, 2020, 390, 226-238.	5.9	53
1831	Robust visual tracking with channel attention and focal loss. Neurocomputing, 2020, 401, 295-307.	5.9	18
1832	Local Semantic Siamese Networks for Fast Tracking. IEEE Transactions on Image Processing, 2020, 29, 3351-3364.	9.8	108
1833	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

#	ARTICLE	IF	CITATIONS
1834	MeMu: Metric correlation Siamese network and multi-class negative sampling for visual tracking. Pattern Recognition, 2020, 100, 107170.	8.1	16
1835	An accelerated correlation filter tracker. Pattern Recognition, 2020, 102, 107172.	8.1	15
1836	Three-step action search networks with deep Q-learning for real-time object tracking. Pattern Recognition, 2020, 101, 107188.	8.1	18
1837	The Unmanned Aerial Vehicle Benchmark: Object Detection, Tracking and Baseline. International Journal of Computer Vision, 2020, 128, 1141-1159.	15.6	91
1838	Learning cardiac anatomy. , 2020, , 97-116.		1
1839	Six-degree-of-freedom generalized displacements measurement based on binocular vision. Structural Control and Health Monitoring, 2020, 27, e2458.	4.0	13
1840	Automatic tracking of multi-fruit targets with oscillation under natural growth conditions. Information Processing in Agriculture, 2020, 7, 546-555.	4.1	1
1841	Selective Spatial Regularization by Reinforcement Learned Decision Making for Object Tracking. IEEE Transactions on Image Processing, 2020, 29, 2999-3013.	9.8	33
1842	Object-adaptive LSTM network for real-time visual tracking with adversarial data augmentation. Neurocomputing, 2020, 384, 67-83.	5.9	16
1843	The Structure Transfer Machine Theory and Applications. IEEE Transactions on Image Processing, 2020, 29, 2889-2902.	9.8	5
1844	Deep learning in video multi-object tracking: A survey. Neurocomputing, 2020, 381, 61-88.	5.9	394
1846	Anti-occlusion object tracking based on correlation filter. Signal, Image and Video Processing, 2020, 14, 753-761.	2.7	5
1847	Multi-Feature Fusion in Particle Filter Framework for Visual Tracking. IEEE Sensors Journal, 2020, 20, 2405-2415.	4.7	39
1848	Distilling Channels for Efficient Deep Tracking. IEEE Transactions on Image Processing, 2020, 29, 2610-2621.	9.8	23
1849	A high-confidence model updating correlation filtering tracker with scale adaptation for visual target tracking. Optik, 2020, 202, 163730.	2.9	4
1850	Adaptive updating correlation filter based on multi features. Journal of Computational Methods in Sciences and Engineering, 2020, 20, 453-463.	0.2	0
1851	Efficient scalable spatiotemporal visual tracking based on recurrent neural networks. Multimedia Tools and Applications, 2020, 79, 2239-2261.	3.9	2
1852	Fuzzy Least Squares Support Vector Machine With Adaptive Membership for Object Tracking. IEEE Transactions on Multimedia, 2020, 22, 1998-2011.	7.2	8

#	ARTICLE	IF	CITATIONS
1854	Research on application of athlete gesture tracking algorithms based on deep learning. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3649-3657.	4.9	18
1855	Adversarial Feature Sampling Learning for Efficient Visual Tracking. IEEE Transactions on Automation Science and Engineering, 2020, 17, 847-857.	5.2	7
1856	An improved correlation filter tracking method with occlusion and drift handling. Visual Computer, 2020, 36, 1909-1926.	3.5	3
1857	Driver Drowsiness Recognition via 3D Conditional GAN and Two-Level Attention Bi-LSTM. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4755-4768.	8.3	18
1858	Adaptive Pulsatile Plane for Robust Noncontact Heart Rate Monitoring. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5587-5599.	9.3	11
1859	Contour-Aware Long-Term Tracking With Reliable Re-Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4739-4754.	8.3	11
1860	A Novel Scale Insensitive KCF Tracker Based on HOG and Color Features. Journal of Circuits, Systems and Computers, 2020, 29, 2050183.	1.5	7
1861	An improved kernel correlation filtered image target tracking algorithm. Journal of Computational Methods in Sciences and Engineering, 2020, 20, 499-507.	0.2	0
1862	Dynamic Spatio-Temporal Graph-Based CNNs for Traffic Flow Prediction. IEEE Access, 2020, 8, 185136-185145.	4.2	27
1863	An Effective Hierarchical Resolution Learning Method for Low-Resolution Targets Tracking. , 2020, , .		0
1864	6-PACK: Category-level 6D Pose Tracker with Anchor-Based Keypoints. , 2020, , .		87
1865	Bioinspired object motion filters as the basis of obstacle negotiation in micro aerial systems. , 2020, , .		0
1866	Training-Set Distillation for Real-Time UAV Object Tracking. , 2020, , .		15
1867	AVOT: Audio-Visual Object Tracking of Multiple Objects for Robotics. , 2020, , .		6
1868	Siamese Local and Global Networks for Robust Face Tracking. IEEE Transactions on Image Processing, 2020, 29, 9152-9164.	9.8	28
1869	Pedestrian Target Tracking Algorithm Based on Improved RANSAC and KCF. , 2020, , .		2
1870	ACSiamRPN: Adaptive Context Sampling for Visual Object Tracking. Electronics (Switzerland), 2020, 9, 1528.	3.1	3
1871	Correlation filters based on temporal regularization and background awareness,. Computers and Electrical Engineering, 2020, 86, 106757.	4.8	0

#	ARTICLE	IF	CITATIONS
1872	Integrated Perception and Tactical Behaviours in an Auto-Organizing Aerial Sensor Network. , 2020, , .		4
1873	Robust tracking algorithm for infrared target via correlation filter and particle filter. Infrared Physics and Technology, 2020, 111, 103516.	2.9	6
1874	Collaborative Enhanced System for Heterogeneous IoT Devices. , 2020, , .		0
1875	Target tracking method based on the fusion of structured SVM and KCF algorithm. , 2020, , .		0
1876	Learning discriminative update adaptive spatial-temporal regularized correlation filter for RGB-T tracking. Journal of Visual Communication and Image Representation, 2020, 72, 102881.	2.8	20
1877	A Fast Teacher Pose Estimation Framework Base on Kernelized Correlation Filter and Spatial Transformed High-Resolution Network. Procedia Computer Science, 2020, 174, 393-399.	2.0	2
1878	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
1879	Re-identification framework for long term visual object tracking based on object detection and classification. Signal Processing: Image Communication, 2020, 88, 115969.	3.2	10
1880	Dictionary Learning for Visual Tracking with Dimensionality Reduction. , 2020, , .		1
1881	Ground Moving Target Tracking and Refocusing Using Shadow in Video-SAR. Remote Sensing, 2020, 12, 3083.	4.0	26
1882	Thermal infrared pedestrian tracking using joint siamese network and exemplar prediction model. Pattern Recognition Letters, 2020, 140, 66-72.	4.2	10
1883	Multi-level prediction Siamese network for real-time UAV visual tracking. Image and Vision Computing, 2020, 103, 104002.	4.5	12
1884	Aerial infrared target tracking based on a Siamese network and traditional features. Infrared Physics and Technology, 2020, 111, 103505.	2.9	12
1885	Multiview Supervision By Registration. , 2020, , .		4
1886	Argus: Efficient Activity Detection System for Extended Video Analysis. , 2020, , .		22
1887	Robust correlation filter that combined temporal regularization with spatial weight L1 constraint. Journal of Physics: Conference Series, 2020, 1550, 042076.	0.4	0
1888	Research on UAV Point Landing based on Visual Navigation. IOP Conference Series: Materials Science and Engineering, 2020, 719, 012077.	0.6	0
1889	Visual Tracking Algorithm Based on Color Name Histogram. IOP Conference Series: Materials Science and Engineering, 2020, 790, 012063.	0.6	1

#	ARTICLE	IF	CITATIONS
1890	Correlation Filters With Adaptive Multiple Contexts for Visual Tracking. IEEE Access, 2020, 8, 94547-94559.	4.2	2
1891	An Approach Focusing on the Convolutional Layer Characteristics of the VGG Network for Vehicle Tracking. IEEE Access, 2020, 8, 112827-112839.	4.2	10
1892	Wide-Area Search Tracking for Siamese Region Proposal Network. IEEE Access, 2020, 8, 115184-115195.	4.2	1
1893	SiamFF: Visual Tracking With a Siamese Network Combining Information Fusion With Rectangular Window Filtering. IEEE Access, 2020, 8, 119899-119910.	4.2	7
1894	Deeper Siamese Network With Stronger Feature Representation for Visual Tracking. IEEE Access, 2020, 8, 119094-119104.	4.2	4
1895	Robust Visual Tracking With Occlusion Judgment and Re-Detection. IEEE Access, 2020, 8, 122772-122781.	4.2	10
1896	Object tracking scheme using part-based correlation filters. , 2020, , .		1
1897	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
1898	SPSTracker: Sub-Peak Suppression of Response Map for Robust Object Tracking. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 10989-10996.	4.9	9
1899	Top-down thermal tracking based on rotatable elliptical motion model for intelligent livestock breeding. Multimedia Systems, 2020, 26, 509-517.	4.7	2
1900	Robust visual tracking via part-based model. Multimedia Systems, 2020, 26, 607-620.	4.7	2
1901	Collaborative Tracking Method in Multi-Camera System. Journal of Shanghai Jiaotong University (Science), 2020, 25, 802-810.	0.9	2
1902	BAE-Net: A Band Attention Aware Ensemble Network for Hyperspectral Object Tracking. , 2020, , .		44
1903	Siamese High-Level Feature Refine Network for Visual Object Tracking. Electronics (Switzerland), 2020, 9, 1918.	3.1	5
1904	Learning Target-Adaptive Correlation Filters for Visual Tracking. Computer Graphics Forum, 2020, 39, 387-397.	3.0	0
1905	Asymmetric discriminative correlation filters for visual tracking. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 1467-1484.	2.6	14
1906	TRBACF: Learning temporal regularized correlation filters for high performance online visual object tracking. Journal of Visual Communication and Image Representation, 2020, 72, 102882.	2.8	33
1907	Real-time long-term tracker with tracking-verification-detection-refinement. Journal of Visual Communication and Image Representation, 2020, 72, 102896.	2.8	2

#	ARTICLE	IF	CITATIONS
1908	Fast motion tracking based on moth-flame optimization and kernel correlation filter. Journal of Intelligent and Fuzzy Systems, 2020, 39, 3825-3837.	1.4	1
1909	Temporal Constraint Background-Aware Correlation Filter With Saliency Map. IEEE Transactions on Multimedia, 2021, 23, 3346-3361.	7.2	4
1910	Study on the Moving Target Tracking Based on Vision DSP. Sensors, 2020, 20, 6494.	3.8	5
1911	LPCF: Robust Correlation Tracking via Locality Preserving Tracking Validation. Sensors, 2020, 20, 6853.	3.8	1
1912	A Siamese Neural Network for Non-Invasive Baggage Re-Identification. Journal of Imaging, 2020, 6, 126.	3.0	4
1913	A vehicle tracking algorithm combining detector and tracker. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	14
1914	Scale prediction based MDNet for infrared target tracking. Journal of Intelligent and Fuzzy Systems, 2020, 39, 2711-2723.	1.4	0
1915	Detecting, Tracking and Counting People Getting On/Off a Metropolitan Train Using a Standard Video Camera. Sensors, 2020, 20, 6251.	3.8	25
1916	Spatio-Temporal Scale Coded Bag-of-Words. Sensors, 2020, 20, 6380.	3.8	2
1917	Object Tracking Via ImageNet Classification Scores. , 2020, , .		0
1918	Scale-adaptive vehicle tracking based on background information. International Journal of Embedded Systems, 2020, 12, 305.	0.3	0
1919	Multiple Reliable Structured Patches for Object Tracking. Cognitive Computation, 2021, 13, 1593-1602.	5.2	1
1920	A Real-time Robust Approach for Tracking UAVs in Infrared Videos. , 2020, , .		7
1921	Tracking Multiple Objects with Locally Adaptive Generalized Optimum Correlation Filters. Journal of Communications Technology and Electronics, 2020, 65, 716-724.	0.5	0
1922	Learning Soft Mask Based Feature Fusion with Channel and Spatial Attention for Robust Visual Object Tracking. Sensors, 2020, 20, 4021.	3.8	10
1923	Reliable Multi-Kernel Subtask Graph Correlation Tracker. IEEE Transactions on Image Processing, 2020, 29, 8120-8133.	9.8	1
1924	Collaborative model tracking with robust occlusion handling. IET Image Processing, 2020, 14, 1701-1709.	2.5	8
1925	Rail transit inspection unmanned aerial vehicle (UAV) systems. , 2020, , 329-386.		3

#	ARTICLE	IF	CITATIONS
1926	Semantic-Aware Real-Time Correlation Tracking Framework for UAV Videos. IEEE Transactions on Cybernetics, 2022, 52, 2418-2429.	9.5	28
1927	Soft labeling with quasi-Gaussian structure for training samples of deep classification trackers. International Journal of Advanced Robotic Systems, 2020, 17, 172988142091502.	2.1	0
1928	High-Speed And Accurate Scale Estimation For Visual Tracking With Gaussian Process Regression. , 2020, , .		1
1929	Feasibility Analysis in Tracking Algorithms for Pattern Recognition Through the Lip Articulators. IEEE Access, 2020, 8, 138907-138921.	4.2	1
1930	Learning Deep Multi-Level Similarity for Thermal Infrared Object Tracking. IEEE Transactions on Multimedia, 2021, 23, 2114-2126.	7.2	101
1931	Improving model drift for robust object tracking. Multimedia Tools and Applications, 2020, 79, 25801-25815.	3.9	4
1932	Detection and Tracking Method of Maritime Moving Targets Based on Geosynchronous Orbit Satellite Optical Images. Electronics (Switzerland), 2020, 9, 1092.	3.1	5
1933	Improving Object Tracking by Added Noise and Channel Attention. Sensors, 2020, 20, 3780.	3.8	8
1934	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
1935	AI City Challenge 2020 “ Computer Vision for Smart Transportation Applications. , 2020, , .		17
1936	Real-time tracking based on deep feature fusion. Multimedia Tools and Applications, 2020, 79, 27229-27255.	3.9	5
1937	Remove Cosine Window From Correlation Filter-Based Visual Trackers: When and How. IEEE Transactions on Image Processing, 2020, 29, 7045-7060.	9.8	7
1938	Spatial-Temporal Aware Long-Term Object Tracking. IEEE Access, 2020, 8, 71662-71684.	4.2	3
1939	High precision control and deep learning-based corn stand counting algorithms for agricultural robot. Autonomous Robots, 2020, 44, 1289-1302.	4.8	40
1940	Fuzzy Detection Aided Real-Time and Robust Visual Tracking Under Complex Environments. IEEE Transactions on Fuzzy Systems, 2021, 29, 90-102.	9.8	220
1941	Scale-Adaptive Context-Aware Correlation Filter with Output Constraints for Visual Target Tracking. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	0
1942	A strong feature representation for siamese network tracker. Multimedia Tools and Applications, 2020, 79, 25873-25887.	3.9	1
1943	Visual Tracking With Multiview Trajectory Prediction. IEEE Transactions on Image Processing, 2020, 29, 8355-8367.	9.8	9

#	ARTICLE	IF	CITATIONS
1944	G2L-Net: Global to Local Network for Real-Time 6D Pose Estimation With Embedding Vector Features. , 2020, , .		55
1945	Parallel Dual Networks for Visual Object Tracking. Applied Intelligence, 2020, 50, 4631-4646.	5.3	10
1946	Speeding up the tracking and updating of the convolutional residual tracking networks. Multimedia Tools and Applications, 2020, , 1.	3.9	0
1947	Single target tracking via correlation filter and context adaptively. Multimedia Tools and Applications, 2020, 79, 27465-27482.	3.9	3
1948	A long-term visual tracking algorithm based on tracking-evaluation-learning-detection. , 2020, , .		0
1949	Mining Spatial-Temporal Similarity for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 8107-8119.	9.8	25
1950	A robust tracker integrating particle filter into correlation filter framework. Multimedia Tools and Applications, 2020, 79, 28431-28452.	3.9	1
1951	Anticipative Tracking with the Short-Term Synaptic Plasticity of Spintronic Devices. Physical Review Applied, 2020, 14, .	3.8	3
1952	Optimization Using Artificial Immune Systems Applied To Object Tracking And Segmentation. , 2020, , .		0
1953	General Moving Object Localization from a Single Flying Camera. Applied Sciences (Switzerland), 2020, 10, 6945.	2.5	6
1954	Estimation of the ground reaction forces from a single video camera based on the spring-like center of mass dynamics of human walking. Journal of Biomechanics, 2020, 113, 110074.	2.1	5
1955	Traffic Parameter Estimation System in Urban Scene Based on Machine Vision. , 2020, , .		0
1956	Adaptive Features Fusion Correlation Filter for Real-time Object Tracking. , 2020, , .		1
1957	Support Correlation Filters Tracking using Mask Matrix. , 2020, , .		1
1958	Tracking of Moving Objects Based on Extended Kalman Filter. , 2020, , .		5
1959	Underwater Sonar Visual Tracking with Obstacle Solving Method. , 2020, , .		1
1960	Visual Tracking Via Temporally-Regularized Context-Aware Correlation Filters. , 2020, , .		0
1961	Object Tracking Method for Videomonitoring in Intelligent Transport Systems. , 2020, , .		11

#	ARTICLE	IF	CITATIONS
1962	Visual Tracking Jointly With Online and Offline Learning. IEEE Access, 2020, 8, 181091-181101.	4.2	0
1963	Fusion of Saliency Map and Deep Feature-Based Correlation Filter for Enhancing Tracking Performances. , 2020, , .		0
1964	Reliable Temporally Consistent Feature Adaptation for Visual Object Tracking. , 2020, , .		0
1965	Multi-Task Deep Dual Correlation Filters for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 9614-9626.	9.8	16
1966	Improving the Correlation Filter-based Tracking Using Low-illumination Enhancement Method. , 2020, , .		0
1967	Research on an Improved KCF Target Tracking Algorithm Based on CNN Feature Extraction. , 2020, , .		7
1968	Correlation Filtering Tracking Algorithm Based on Adaptive Model update. , 2020, , .		0
1969	Online Multi-Object Tracking based on Improved Kernel Correlation Filter. , 2020, , .		2
1970	BiCF: Learning Bidirectional Incongruity-Aware Correlation Filter for Efficient UAV Object Tracking. , 2020, , .		20
1971	Application of Computer Digital Simulation Technology in the Research of Martial arts Action Structure Image. , 2020, , .		1
1972	Visual object tracking based on siamese network with a deeper and more powerful backbone. , 2020, , .		1
1973	Improved KCF Long-term Gesture Tracking Based On GMM And ELM. , 2020, , .		2
1974	A Scale Adaptive Kernel Correlation Filter-Based Tracker with Optimized Update Strategy. , 2020, , .		0
1975	Adaptive and Complementary Correlation Filter With Dynamic Contextual Constraints. IEEE Access, 2020, 8, 141895-141909.	4.2	1
1976	Siamese Cascaded Region Proposal Networks With Channel-Interconnection-Spatial Attention for Visual Tracking. IEEE Access, 2020, 8, 154800-154815.	4.2	4
1977	Stably Adaptive Anti-Occlusion Siamese Region Proposal Network for Real-Time Object Tracking. IEEE Access, 2020, 8, 161349-161360.	4.2	7
1978	Saliency Guided Visual Tracking via Correlation Filter With Log-Gabor Filter. IEEE Access, 2020, 8, 158184-158196.	4.2	6
1979	POP: A Generic Framework for Real-Time Pose Estimation of Planar Objects. IEEE Access, 2020, 8, 164065-164076.	4.2	1

#	ARTICLE	IF	CITATIONS
1980	A Multi-Information Fusion Correlation Filters Tracker. IEEE Access, 2020, 8, 162022-162040.	4.2	3
1981	A Novel Incremental Multi-Template Update Strategy for Robust Object Tracking. IEEE Access, 2020, 8, 162668-162682.	4.2	1
1982	Research on the Deep Recognition of Urban Road Vehicle Flow Based on Deep Learning. Sustainability, 2020, 12, 7094.	3.2	4
1983	Online multi-object tracking using KCF-based single-object tracker with occlusion analysis. Multimedia Systems, 2020, 26, 655-669.	4.7	6
1984	Robust visual tracker integrating adaptively foreground segmentation into multi-feature fusion framework. Multimedia Tools and Applications, 2020, 79, 31865-31888.	3.9	0
1985	SiamMN: Siamese modulation network for visual object tracking. Multimedia Tools and Applications, 2020, 79, 32623-32641.	3.9	5
1986	Target Tracking Based on Deep Optimization Features. Journal of Physics: Conference Series, 2020, 1584, 012015.	0.4	0
1987	Keyfilter-Aware Real-Time UAV Object Tracking. , 2020, , .		30
1988	FPSiamRPN: Feature Pyramid Siamese Network With Region Proposal Network for Target Tracking. IEEE Access, 2020, 8, 176158-176169.	4.2	10
1989	Correlation Gaussian Particle Filter for Robust Visual Tracking. , 2020, , .		1
1990	DroTrack: High-speed Drone-based Object Tracking Under Uncertainty. , 2020, , .		9
1991	Enhancing Coral Reef Monitoring Utilizing a Deep Semi-Supervised Learning Approach. , 2020, , .		10
1992	Flow-Guided Single Object Tracking Framework in UAV Aerial Video. , 2020, , .		0
1993	Boundary-aware vehicle tracking upon UAV. Electronics Letters, 2020, 56, 873-876.	1.0	9
1994	Weighted Kernel Filter Based Anti-Air Object Tracking for Thermal Infrared Systems. Sensors, 2020, 20, 4081.	3.8	2
1995	Real-Time Object Tracking via Adaptive Correlation Filters. Sensors, 2020, 20, 4124.	3.8	3
1996	AutoTrack: Towards High-Performance Visual Tracking for UAV With Automatic Spatio-Temporal Regularization. , 2020, , .		232
1997	Progressive Multistage Learning for Discriminative Tracking. IEEE Transactions on Cybernetics, 2022, 52, 3519-3530.	9.5	4

#	ARTICLE	IF	CITATIONS
1998	Review on Application of Binocular Vision Technology in Field Obstacle Detection. IOP Conference Series: Materials Science and Engineering, 2020, 806, 012025.	0.6	4
1999	A benchmark for clothes variation in person re-identification. International Journal of Intelligent Systems, 2020, 35, 1881-1898.	5.7	20
2000	Single Object Trackers in OpenCV: A Benchmark. , 2020, , .		16
2001	SNS-CF: Siamese Network with Spatially Semantic Correlation Features for Object Tracking. Sensors, 2020, 20, 4881.	3.8	2
2002	Approach to model human appearance based on sparse representation for human tracking in surveillance. IET Image Processing, 2020, 14, 2383-2394.	2.5	7
2003	Parallel Three-Branch Correlation Filters for Complex Marine Environmental Object Tracking Based on a Confidence Mechanism. Sensors, 2020, 20, 5210.	3.8	3
2004	AI Approaches towards Prechtl's Assessment of General Movements: A Systematic Literature Review. Sensors, 2020, 20, 5321.	3.8	33
2005	HRQM: Learning High-Resolution Representation and Object-Aware Masks for Visual Object Tracking. Sensors, 2020, 20, 4807.	3.8	10
2006	A Visual Tracking Method Based on an Adaptive Overlapping Correlation Filter for Robotic Real-Time Cognitive Imaging. Wireless Communications and Mobile Computing, 2020, 2020, 1-8.	1.2	0
2007	A Real-Time Pedestrian Counting System Based on RGB-D. , 2020, , .		6
2008	AFAM-PEC: Adaptive Failure Avoidance Tracking Mechanism Using Prediction-Estimation Collaboration. IEEE Access, 2020, 8, 149077-149092.	4.2	9
2009	Accurate scale estimation for visual tracking with significant deformation. IET Computer Vision, 2020, 14, 278-287.	2.0	0
2010	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
2011	Kernelized Correlation Filter with Scale Estimation and Feedback Mechanism for Visual Tracking. , 2020, , .		0
2012	SSET: a dataset for shot segmentation, event detection, player tracking in soccer videos. Multimedia Tools and Applications, 2020, 79, 28971-28992.	3.9	12
2013	Learning spatial-temporally regularized complementary kernelized correlation filters for visual tracking. Multimedia Tools and Applications, 2020, 79, 25171-25188.	3.9	2
2014	High-Performance Long-Term Tracking With Meta-Updater. , 2020, , .		133
2015	Siam R-CNN: Visual Tracking by Re-Detection. , 2020, , .		374

#	ARTICLE	IF	CITATIONS
2016	Object Tracking in Unmanned Aerial Vehicle Videos via Multifeature Discrimination and Instance-Aware Attention Network. Remote Sensing, 2020, 12, 2646.	4.0	13
2017	ROAM: Recurrently Optimizing Tracking Model. , 2020, , .		88
2018	Deformable Siamese Attention Networks for Visual Object Tracking. , 2020, , .		251
2019	A Unified Object Motion and Affinity Model for Online Multi-Object Tracking. , 2020, , .		78
2020	Correlation-Guided Attention for Corner Detection Based Visual Tracking. , 2020, , .		87
2021	Cross-Modal Pattern-Propagation for RGB-T Tracking. , 2020, , .		57
2022	D3S “ A Discriminative Single Shot Segmentation Tracker. , 2020, , .		162
2023	Probabilistic Regression for Visual Tracking. , 2020, , .		360
2024	Recursive Least-Squares Estimator-Aided Online Learning for Visual Tracking. , 2020, , .		10
2025	Learning Fast and Robust Target Models for Video Object Segmentation. , 2020, , .		91
2026	Pedestrian Tracking and Trajectory Analysis for Security Monitoring. , 2020, , .		2
2027	In Situ Holothurian Noncontact Counting System: A General Framework for Holothurian Counting. IEEE Access, 2020, 8, 210041-210053.	4.2	2
2028	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
2029	Vision-Based Moving UAV Tracking by Another UAV on Low-Cost Hardware and a New Ground Control Station. IEEE Access, 2020, 8, 194601-194611.	4.2	18
2030	Visibility Detection Based on the Recognition of the Preceding Vehicle’s Taillight Signals. IEEE Access, 2020, 8, 206105-206117.	4.2	5
2031	Adaptive Kernel Correlation Filter Tracking Algorithm in Complex Scenes. IEEE Access, 2020, 8, 208179-208194.	4.2	8
2032	Reliable Multi-Object Tracking Model Using Deep Learning and Energy Efficient Wireless Multimedia Sensor Networks. IEEE Access, 2020, 8, 213426-213436.	4.2	24
2033	Online Pantograph-Catenary Contact Point Detection in Complicated Background Based on Multiple Strategies. IEEE Access, 2020, 8, 220394-220407.	4.2	7

#	ARTICLE	IF	CITATIONS
2034	Long Short-Term Memory Networks Based on Particle Filter for Object Tracking. IEEE Access, 2020, 8, 216245-216258.	4.2	3
2035	Dynamic Siamese Network With Adaptive Kalman Filter for Object Tracking in Complex Scenes. IEEE Access, 2020, 8, 222918-222930.	4.2	7
2036	Low-altitude protection technology of anti-UAVs based on multisource detection information fusion. International Journal of Advanced Robotic Systems, 2020, 17, 172988142096290.	2.1	4
2037	Low Altitude Small UAV Detection Based on YOLO model. , 2020, , .		7
2038	Optimal Metric Evaluation-Based Multicue Inverse Sparse Appearance Model for Object Tracking. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.1	0
2039	Aerial Video Trackers Review. Entropy, 2020, 22, 1358.	2.2	4
2040	Learning to Track Aircraft in Infrared Imagery. Remote Sensing, 2020, 12, 3995.	4.0	6
2041	Robust Visual Tracking Based on Adaptive Multi-Feature Fusion Using the Tracking Reliability Criterion. Sensors, 2020, 20, 7165.	3.8	4
2042	Background Spatial Correlation Filter in Multi-Channel Object Tracking. Journal of Physics: Conference Series, 2020, 1453, 012110.	0.4	1
2043	Correlation filter for object tracking with temporal-spatial constraint. Journal of Physics: Conference Series, 2020, 1507, 102047.	0.4	0
2044	Indoor Parking Method Based on Cooperation of Intelligent Vehicle and Parking Lot. Journal of Physics: Conference Series, 2020, 1651, 012004.	0.4	0
2045	Mask Guided Pedestrian Tracking from Single Point Initialization. Journal of Physics: Conference Series, 2020, 1682, 012089.	0.4	0
2046	STL_Siam: Real-time Visual Tracking based on reinforcement guided network. Journal of Physics: Conference Series, 2020, 1684, 012060.	0.4	0
2047	Vehicle Counting at Road Intersections Using Video Data and Zone-Based Method with Additional Contour. IOP Conference Series: Materials Science and Engineering, 2020, 786, 012022.	0.6	0
2048	Optical Flow in Deep Visual Tracking. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12112-12119.	4.9	7
2049	Visual Object Multimodality Tracking Based on Correlation Filters for Edge Computing. Security and Communication Networks, 2020, 2020, 1-13.	1.5	0
2050	Design of Embedded Target Tracking System Based on MobileNet and KCF. , 2020, , .		4
2051	Multiple Target Tracking Based on Position Matching and Feature Correlation. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
2052	Dual-regression model for visual tracking. Neural Networks, 2020, 132, 364-374.	5.9	21
2053	Scale-adaptive Correlation Filter Tracking Algorithm Combined with Statistical Color Histogram Feature. Journal of Physics: Conference Series, 2020, 1584, 012057.	0.4	0
2054	Real-time Visual Tracking Based on Convolutional Neural Networks. Journal of Physics: Conference Series, 2020, 1601, 032053.	0.4	1
2055	Stamen movement detection of Commelina purpurea based on feature matching. Journal of Physics: Conference Series, 2020, 1634, 012133.	0.4	0
2056	Learning a Dynamic Feature Fusion Tracker for Object Tracking. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1479-1491.	8.0	8
2057	Detecting and Tracking Moving Airplanes from Space Based on Normalized Frame Difference Labeling and Improved Similarity Measures. Remote Sensing, 2020, 12, 3589.	4.0	5
2058	Integration of the 3D Environment for UAV Onboard Visual Object Tracking. Applied Sciences (Switzerland), 2020, 10, 7622.	2.5	4
2059	A Visual Tracker Offering More Solutions. Sensors, 2020, 20, 5374.	3.8	2
2060	Antidecay LSTM for Siamese Tracking With Adversarial Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4475-4489.	11.3	10
2061	Visual Tracking Based On Matching Cascade. , 2020, , .		0
2062	Perception Enhanced Frame For Visual Object Tracking. , 2020, , .		0
2063	IOU â€“ Siamtrack: IOU Guided Siamese Network For Visual Object Tracking. , 2020, , .		9
2064	Correlation Filter-based Object Tracking Algorithms. , 2020, , .		0
2065	A Semantic Engine and an Ontology Visualization Tool for Advanced Crime Analysis. Procedia Computer Science, 2020, 176, 1829-1838.	2.0	4
2066	An extended KCF tracking algorithm based on TLD structure in low frame rate videos. Multimedia Tools and Applications, 2020, 79, 20995-21012.	3.9	7
2067	Dynamic Channel Pruning For Correlation Filter Based Object Tracking. , 2020, , .		1
2068	Deep Deblurring Correlation Filter for Object Tracking. IEEE Access, 2020, 8, 68623-68637.	4.2	4
2069	A Real Time Face Tracking System based on Multiple Information Fusion. Multimedia Tools and Applications, 2020, 79, 16751-16769.	3.9	7

#	ARTICLE	IF	CITATIONS
2070	Evolutionary correlation filtering based on pseudo-bacterial genetic algorithm for pose estimation of highly occluded targets. Multimedia Tools and Applications, 2021, 80, 23051-23072.	3.9	1
2071	The left-behind human detection and tracking system based on vision with multi-model fusion and microwave radar inside the bus. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2020, 234, 2342-2354.	1.9	7
2072	Learning salient features to prevent model drift for correlation tracking. Neurocomputing, 2020, 418, 1-10.	5.9	20
2073	Towards Real-Time Eyeblink Detection in the Wild: Dataset, Theory and Practices. IEEE Transactions on Information Forensics and Security, 2020, 15, 2194-2208.	6.9	17
2074	Affine Geometrical Region CNN for Object Tracking. IEEE Access, 2020, 8, 68638-68648.	4.2	5
2075	Hand gesture recognition via image processing techniques and deep CNN. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4405-4418.	1.4	15
2076	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
2077	Robust Visual Tracking Based on Fusional Multi-Correlation-Filters with a High-Confidence Judgement Mechanism. Applied Sciences (Switzerland), 2020, 10, 2151.	2.5	1
2078	Concept for Markerless 6D Tracking Employing Volumetric Optical Coherence Tomography. Sensors, 2020, 20, 2678.	3.8	1
2079	Utilization of deep convolutional and handcrafted features for object tracking. Optik, 2020, 218, 164926.	2.9	4
2080	A video information driven football recommendation system. Computers and Electrical Engineering, 2020, 85, 106699.	4.8	21
2081	Structural correlation filters combined with a Gaussian particle filter for hierarchical visual tracking. Neurocomputing, 2020, 398, 235-246.	5.9	6
2082	Machine learning-based design of meta-plasmonic biosensors with negative index metamaterials. Biosensors and Bioelectronics, 2020, 164, 112335.	10.1	54
2083	Fast and robust visual tracking with hard balanced focal loss and guided domain adaption. Image and Vision Computing, 2020, 100, 103929.	4.5	2
2084	Robust fusion for RGB-D tracking using CNN features. Applied Soft Computing Journal, 2020, 92, 106302.	7.2	17
2085	End-to-end learning interpolation for object tracking in low frame-rate video. IET Image Processing, 2020, 14, 1066-1072.	2.5	9
2086	Efficient Visual Tracking With Stacked Channel-Spatial Attention Learning. IEEE Access, 2020, 8, 100857-100869.	4.2	20
2087	Deep tracking using double-correlation filters by membership weighted decision. Pattern Recognition Letters, 2020, 136, 161-167.	4.2	2

#	ARTICLE	IF	CITATIONS
2088	Object Saliency-Aware Dual Regularized Correlation Filter for Real-Time Aerial Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8940-8951.	6.3	62
2089	End-to-end DeepNCC framework for robust visual tracking. Journal of Visual Communication and Image Representation, 2020, 70, 102800.	2.8	3
2090	Visual object tracking using sparse context-aware spatio-temporal correlation filter. Journal of Visual Communication and Image Representation, 2020, 70, 102820.	2.8	7
2091	Visual object tracking via iterative ant particle filtering. IET Image Processing, 2020, 14, 1636-1644.	2.5	2
2092	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
2093	A dense connection based network for real-time object tracking. Neurocomputing, 2020, 410, 229-236.	5.9	11
2094	Visual tracking by dynamic matching-classification network switching. Pattern Recognition, 2020, 107, 107419.	8.1	5
2095	Traffic parameter estimation and control system based on machine vision. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 15287-15299.	4.9	12
2096	Robust Visual Tracking via a Collaborative Model Based on Locality-Constrained Sparse Coding. IEEE Access, 2020, 8, 76737-76751.	4.2	2
2097	Boosted Kernelized Correlation Filters for Event-based Face Detection. , 2020, , .		11
2098	Visual Tracking via Adaptive Context-Aware Correlation Filter. , 2020, , .		1
2099	Video Tracking to Monitor Turkey Welfare. , 2020, , .		1
2100	CNN feature or handcrafted feature in DCF object tracker?. Engineering Science and Technology, an International Journal, 2020, 23, 960-965.	3.2	0
2101	Robust Visual Object Tracking With Multiple Features and Reliable Re-Detection Scheme. IEEE Access, 2020, 8, 98810-98826.	4.2	3
2102	Development Challenges and Performance Analysis of Drone Visual/Inertial SLAM in a Global Reference System. , 2020, , .		0
2103	Improved Real-Time Visual Tracking via Adversarial Learning. , 2020, , .		1
2104	Adaptive tracking algorithm based on target moving speed. Journal of Physics: Conference Series, 2020, 1453, 012039.	0.4	0
2105	Fast Learning of Spatially Regularized and Content Aware Correlation Filter for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 7128-7140.	9.8	27

#	ARTICLE	IF	CITATIONS
2106	Appearance variation adaptation tracker using adversarial network. Neural Networks, 2020, 129, 334-343.	5.9	10
2107	Target Tracking Method Based on Adaptive Structured Sparse Representation With Attention. IEEE Access, 2020, 8, 79419-79427.	4.2	1
2108	Drift Detection and Correction Post-Tracking. , 2020, , .		1
2109	Target tracking algorithm for pedestrians movement based on kernel-correlation filtering. Enterprise Information Systems, 2022, 16, 1500-1514.	4.7	1
2110	Robust RGBD Tracking via Weighted Convolution Operators. IEEE Sensors Journal, 2020, 20, 4496-4503.	4.7	5
2111	A novel real-time object tracking based on kernelized correlation filter with self-adaptive scale computation in combination with color attribution. Journal of Ambient Intelligence and Humanized Computing, 2020, , 1.	4.9	5
2112	rStaple: A Robust Complementary Learning Method for Real-Time Object Tracking. Applied Sciences (Switzerland), 2020, 10, 3021.	2.5	3
2113	A Robust Structured Tracker Using Local Deep Features. Electronics (Switzerland), 2020, 9, 846.	3.1	2
2114	A Learning Frequency-Aware Feature Siamese Network for Real-Time Visual Tracking. Electronics (Switzerland), 2020, 9, 854.	3.1	1
2115	Automating Deep-Sea Video Annotation Using Machine Learning. , 2020, , .		3
2116	Vehicle Counting System using Deep Learning and Multi-Object Tracking Methods. Transportation Research Record, 2020, 2674, 114-128.	1.9	27
2117	Spatialâ€Semantic and Temporal Attention Mechanism-Based Online Multi-Object Tracking. Sensors, 2020, 20, 1653.	3.8	7
2118	Fast Scale Invariant Tracker and Re-identification for First-Person Social Videos. IETE Journal of Research, 2020, , 1-14.	2.6	0
2119	Sound Source Tracking by incorporating Target Motion estimated by Visual Trackers. , 2020, , .		0
2120	SAT: Single-Shot Adversarial Tracker. IEEE Transactions on Industrial Electronics, 2020, 67, 9882-9892.	7.9	3
2121	Siamese Deformable Cross-Correlation Network for Real-Time Visual Tracking. Neurocomputing, 2020, 401, 36-47.	5.9	14
2122	Attention shake siamese network with auxiliary relocation branch for visual object tracking. Neurocomputing, 2020, 400, 53-72.	5.9	6
2123	LSTM guided ensemble correlation filter tracking with appearance model pool. Computer Vision and Image Understanding, 2020, 195, 102935.	4.7	6

#	ARTICLE	IF	CITATIONS
2124	Onboard Detection-Tracking-Localization. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1.	5.8	12
2125	Small Target Tracking in Satellite Videos Using Background Compensation. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7010-7021.	6.3	45
2126	ADT: Object Tracking Algorithm Based on Adaptive Detection. IEEE Access, 2020, 8, 56666-56679.	4.2	3
2127	Long-term real time object tracking based on multi-scale local correlation filtering and global re-detection. Computing (Vienna/New York), 2020, 102, 1487-1501.	4.8	5
2128	Research and implementation of multi-object tracking based on vision DSP. Journal of Real-Time Image Processing, 2020, 17, 1801-1809.	3.5	5
2129	Tracking objects with partial occlusion by background alignment. Neurocomputing, 2020, 402, 1-13.	5.9	3
2130	Non-contact sensing of neonatal pulse rate using camera-based imaging: a clinical feasibility study. Physiological Measurement, 2020, 41, 024001.	2.1	20
2131	Object Tracking with Multi-Classifer Fusion Based on Compressive Sensing and Multiple Instance Learning. Mathematical Problems in Engineering, 2020, 2020, 1-17.	1.1	0
2132	Smooth Incremental Learning of Correlation Filters for Visual Tracking. IEEE Signal Processing Letters, 2020, 27, 336-340.	3.6	2
2133	Object contour tracking via adaptive data-driven kernel. Eurasip Journal on Advances in Signal Processing, 2020, 2020, .	1.7	1
2134	A Novel Vehicle Tracking ID Switches Algorithm for Driving Recording Sensors. Sensors, 2020, 20, 3638.	3.8	3
2135	Polyp Detection in Colonoscopy Videos by Bootstrapping Via Temporal Consistency. , 2020, , .		7
2136	Technologies to Aid Public Understanding in Running Performance. Proceedings (mdpi), 2020, 49, 26.	0.2	0
2137	Visual Tracking via Deep Feature Fusion and Correlation Filters. Sensors, 2020, 20, 3370.	3.8	10
2138	Auto-correct-integrated trackers with and without memory of first frames. International Journal of Intelligent Robotics and Applications, 2020, 4, 191-201.	2.8	0
2139	Correlation Filter With Motion Detection for Robust Tracking of Shape-Deformed Targets. IEEE Access, 2020, 8, 89161-89170.	4.2	13
2140	Heterogeneous tracking system of kernel correlation filtering based on PYNQ framework. , 2020, , .		0
2141	STGL: Spatial-Temporal Graph Representation and Learning for Visual Tracking. IEEE Transactions on Multimedia, 2021, 23, 2162-2171.	7.2	8

#	ARTICLE	IF	CITATIONS
2142	Anti-distractors: two-branch siamese tracker with both static and dynamic filters for object tracking. Multimedia Systems, 2020, 26, 631-641.	4.7	2
2143	Overview and methods of correlation filter algorithms in object tracking. Complex & Intelligent Systems, 2021, 7, 1895.	6.5	222
2144	Noise-Aware Framework for Robust Visual Tracking. IEEE Transactions on Cybernetics, 2022, 52, 1179-1192.	9.5	7
2145	Gaussian-response correlation filter for robust visual object tracking. Neurocomputing, 2020, 411, 78-90.	5.9	25
2146	Multi-Hierarchical Independent Correlation Filters For Visual Tracking. , 2020, , .		19
2147	A temporal sparse collaborative appearance model for visual tracking. Multimedia Tools and Applications, 2020, 79, 14103-14125.	3.9	1
2148	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
2149	Learning target-focusing convolutional regression model for visual object tracking. Knowledge-Based Systems, 2020, 194, 105526.	7.1	55
2150	Visual object tracking with adaptive structural convolutional network. Knowledge-Based Systems, 2020, 194, 105554.	7.1	57
2151	End-to-end multitask Siamese network with residual hierarchical attention for real-time object tracking. Applied Intelligence, 2020, 50, 1908-1921.	5.3	20
2152	A Novel Changing Athlete Body Real-Time Visual Tracking Algorithm Based on Distractor-Aware SiamRPN and HOG-SVM. Electronics (Switzerland), 2020, 9, 378.	3.1	5
2153	Camera-Based System for Drafting Detection While Cycling. Sensors, 2020, 20, 1241.	3.8	3
2154	Efficient Particle Scale Space for Robust Tracking. IEEE Signal Processing Letters, 2020, 27, 371-375.	3.6	1
2155	Visual Tracking With Long-Short Term Based Correlation Filter. IEEE Access, 2020, 8, 20257-20269.	4.2	12
2156	Distractor-Aware Long-Term Correlation Tracking Based on Information Entropy Weighted Feature. IEEE Access, 2020, 8, 29417-29429.	4.2	7
2157	Fast Scale Estimation Method in Object Tracking. IEEE Access, 2020, 8, 31057-31068.	4.2	4
2158	Visual Tracking With Online Assessment and Improved Sampling Strategy. IEEE Access, 2020, 8, 36948-36962.	4.2	3
2159	Explicitly exploiting hierarchical features in visual object tracking. Neurocomputing, 2020, 397, 203-211.	5.9	3

#	ARTICLE	IF	CITATIONS
2160	A Scale-Adaptive Particle Filter Tracking Algorithm Based on Offline Trained Multi-Domain Deep Network. IEEE Access, 2020, 8, 31970-31982.	4.2	5
2161	Study of Dynamic Tracking Algorithms for Apples Under the Influence of Oscillation. IEEE Access, 2020, 8, 32966-32974.	4.2	0
2162	An Automatic System for Unconstrained Video-Based Face Recognition. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 194-209.	4.4	34
2163	Robust multi-kernelized correlators for UAV tracking with adaptive context analysis and dynamic weighted filters. Neural Computing and Applications, 2020, 32, 12591-12607.	5.6	11
2164	Uncertain motion tracking based on convolutional net with semantics estimation and region proposals. Pattern Recognition, 2020, 102, 107232.	8.1	15
2165	Object Tracking in Satellite Videos Based on Convolutional Regression Network With Appearance and Motion Features. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 783-793.	4.9	36
2166	Robust Structural Low-Rank Tracking. IEEE Transactions on Image Processing, 2020, 29, 4390-4405.	9.8	15
2167	Tracking of a Gunning Jet Using Particle Filtering in Infrared Image Sequences. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6101-6111.	4.7	3
2168	Online Semantic Subspace Learning with Siamese Network for UAV Tracking. Remote Sensing, 2020, 12, 325.	4.0	6
2169	Object Tracking in RGB-T Videos Using Modal-Aware Attention Network and Competitive Learning. Sensors, 2020, 20, 393.	3.8	60
2170	CNN tracking based on data augmentation. Knowledge-Based Systems, 2020, 194, 105594.	7.1	12
2171	Motion Guided Siamese Trackers for Visual Tracking. IEEE Access, 2020, 8, 7473-7489.	4.2	10
2172	Real-Time Perception and Positioning for Creature Picking of an Underwater Vehicle. IEEE Transactions on Vehicular Technology, 2020, 69, 3783-3792.	6.3	20
2173	Online visual tracking via cross-similarity-based siamese network. Concurrency Computation Practice and Experience, 2021, 33, e5617.	2.2	1
2174	Robust visual tracking with correlation filters and metric learning. Knowledge-Based Systems, 2020, 195, 105697.	7.1	60
2175	Deep Ensemble Object Tracking Based on Temporal and Spatial Networks. IEEE Access, 2020, 8, 7490-7505.	4.2	6
2176	Fast and Robust Object Tracking Using Tracking Failure Detection in Kernelized Correlation Filter. Applied Sciences (Switzerland), 2020, 10, 713.	2.5	30
2177	Nonconvex dictionary learning based visual tracking method. Signal Processing, 2020, 172, 107535.	3.7	6

#	ARTICLE	IF	CITATIONS
2178	Research on Robust Visual Tracker Based on Multi-Cue Correlation Particle Filters. IEEE Access, 2020, 8, 19555-19563.	4.2	4
2179	PTB-TIR: A Thermal Infrared Pedestrian Tracking Benchmark. IEEE Transactions on Multimedia, 2020, 22, 666-675.	7.2	71
2180	Learning reliable-spatial and spatial-variation regularization correlation filters for visual tracking. Image and Vision Computing, 2020, 94, 103869.	4.5	7
2181	Real-time least-squares ensemble visual tracking. IET Image Processing, 2020, 14, 53-61.	2.5	1
2182	Convolution operators for visual tracking based on spatial-temporal regularization. Neural Computing and Applications, 2020, 32, 5339-5351.	5.6	9
2183	Object Tracking Based on Channel Attention. IEEE Access, 2020, 8, 17824-17832.	4.2	5
2184	Background perception for correlation filter tracker. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	0
2185	Reliable correlation tracking via dual-memory selection model. Information Sciences, 2020, 518, 238-255.	6.9	13
2186	Context-aware MDNet for target tracking in UAV remote sensing videos. International Journal of Remote Sensing, 2020, 41, 3784-3797.	2.9	13
2187	Infrared small target tracking algorithm based on temporal-spatial structure sparse Bayesian estimation. Infrared Physics and Technology, 2020, 105, 103160.	2.9	4
2188	A Visual Object Tracking Algorithm Based on Improved TLD. Algorithms, 2020, 13, 15.	2.1	11
2189	Multi-scale feature fusion based on swarm intelligence collaborative learning for full-stage anti-interference object tracking. Journal of Ambient Intelligence and Humanized Computing, 2020, , 1.	4.9	4
2190	Double-Channel Object Tracking With Position Deviation Suppression. IEEE Access, 2020, 8, 856-866.	4.2	15
2191	Robust Visual Tracking via Constrained Multi-Kernel Correlation Filters. IEEE Transactions on Multimedia, 2020, 22, 2820-2832.	7.2	41
2192	Underwater Target Tracking Control of an Untethered Robotic Fish With a Camera Stabilizer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6523-6534.	9.3	28
2193	The Quantitative-Phase Dynamics of Apoptosis and Lytic Cell Death. Scientific Reports, 2020, 10, 1566.	3.3	60
2194	Hierarchical Spatiotemporal Context-Aware Correlation Filters for Visual Tracking. IEEE Transactions on Cybernetics, 2021, 51, 6066-6079.	9.5	12
2195	Visual Object Tracking Via Multi-Stream Deep Similarity Learning Networks. IEEE Transactions on Image Processing, 2020, 29, 3311-3320.	9.8	17

#	ARTICLE	IF	CITATIONS
2196	Grayscale-Thermal Tracking via Inverse Sparse Representation-Based Collaborative Encoding. IEEE Transactions on Image Processing, 2020, 29, 3401-3415.	9.8	11
2197	Spatial Adaptive Regularized Correlation Filter for Robust Visual Tracking. IEEE Access, 2020, 8, 11342-11351.	4.2	0
2198	SITUP: Scale Invariant Tracking Using Average Peak-to-Correlation Energy. IEEE Transactions on Image Processing, 2020, 29, 3546-3557.	9.8	28
2199	Adaptive path finding algorithm in dynamic environment for warehouse robot. Neural Computing and Applications, 2020, 32, 13155-13171.	5.6	19
2200	Correlation Filter Tracking via Distractor-Aware Learning and Multi-Anchor Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4810-4822.	8.3	9
2201	Learning reinforced attentional representation for end-to-end visual tracking. Information Sciences, 2020, 517, 52-67.	6.9	81
2202	Benchmarking Deep Trackers on Aerial Videos. Sensors, 2020, 20, 547.	3.8	11
2203	Combining deep features and activity context to improve recognition of activities of workers in groups. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 965-978.	9.8	34
2204	Global Motion-Aware Robust Visual Object Tracking for Electro Optical Targeting Systems. Sensors, 2020, 20, 566.	3.8	5
2205	Real-Time Correlation Tracking Via Joint Model Compression and Transfer. IEEE Transactions on Image Processing, 2020, 29, 6123-6135.	9.8	31
2206	Robust long-term object tracking with adaptive scale and rotation estimation. International Journal of Advanced Robotic Systems, 2020, 17, 172988142090973.	2.1	3
2207	A Robust Tracking-by-Detection Algorithm Using Adaptive Accumulated Frame Differencing and Corner Features. Journal of Imaging, 2020, 6, 25.	3.0	7
2208	Target Recognition in Infrared Circumferential Scanning System via Deep Convolutional Neural Networks. Sensors, 2020, 20, 1922.	3.8	5
2210	Two motion models for improving video object tracking performance. Computer Vision and Image Understanding, 2020, 195, 102951.	4.7	5
2211	Abnormal target tracking and localization algorithm for UAV PV inspection scenarios. IOP Conference Series: Materials Science and Engineering, 2020, 768, 072068.	0.6	3
2212	Performance Evaluation Methodology for Long-Term Single-Object Tracking. IEEE Transactions on Cybernetics, 2021, 51, 6305-6318.	9.5	16
2213	Interactions Between Specific Human and Omnidirectional Mobile Robot Using Deep Learning Approach: SSD-FN-KCF. IEEE Access, 2020, 8, 41186-41200.	4.2	10
2214	Augmented Ship Tracking Under Occlusion Conditions From Maritime Surveillance Videos. IEEE Access, 2020, 8, 42884-42897.	4.2	62

#	ARTICLE	IF	CITATIONS
2215	Real-Time Iris Tracking Using Deep Regression Networks for Robotic Ophthalmic Surgery. IEEE Access, 2020, 8, 50648-50658.	4.2	4
2216	Convolutional Features Combining SL(3) Group for Visual Tracking. IEEE Access, 2020, 8, 61096-61106.	4.2	1
2217	Foreground Information Guidance for Siamese Visual Tracking. IEEE Access, 2020, 8, 55905-55914.	4.2	4
2218	HKSiamFC: Visual-Tracking Framework Using Prior Information Provided by Staple and Kalman Filter. Sensors, 2020, 20, 2137.	3.8	7
2219	Robust visual tracking by embedding combination and weighted-gradient optimization. Pattern Recognition, 2020, 104, 107339.	8.1	3
2220	Research on Infrared Small Target Tracking Method. , 2020, , .		0
2221	A target response adaptive correlation filter tracker with spatial attention. Multimedia Tools and Applications, 2020, 79, 20521-20543.	3.9	3
2222	Adaptive Hyper-Feature Fusion for Visual Tracking. IEEE Access, 2020, 8, 68711-68724.	4.2	1
2223	Predicting Pedestrian Intention to Cross the Road. IEEE Access, 2020, 8, 72558-72569.	4.2	24
2224	Multi-part and scale adaptive visual tracker based on kernel correlation filter. PLoS ONE, 2020, 15, e0231087.	2.5	3
2225	Parallel tracking and detection for long-term object tracking. International Journal of Advanced Robotic Systems, 2020, 17, 172988142090257.	2.1	1
2226	Traffic collisions early warning aided by small unmanned aerial vehicle companion. Telecommunication Systems, 2020, 75, 169-180.	2.5	3
2227	Robust Method for Measuring the Position and Orientation of Droque Based on Stereo Vision. IEEE Transactions on Industrial Electronics, 2021, 68, 4298-4308.	7.9	16
2228	Channel-independent spatially regularized discriminative correlation filter for visual object tracking. Journal of Real-Time Image Processing, 2021, 18, 233-243.	3.5	6
2229	Efficient object tracking using hierarchical convolutional features model and correlation filters. Visual Computer, 2021, 37, 831-842.	3.5	21
2230	Robust adaptive learning with Siamese network architecture for visual tracking. Visual Computer, 2021, 37, 881-894.	3.5	17
2231	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
2232	Quality-Aware Feature Aggregation Network for Robust RGBT Tracking. IEEE Transactions on Intelligent Vehicles, 2021, 6, 121-130.	12.7	65

#	ARTICLE	IF	CITATIONS
2233	Partial tracking method based on siamese network. Visual Computer, 2021, 37, 587-601.	3.5	5
2234	SiamFPN: A Deep Learning Method for Accurate and Real-Time Maritime Ship Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 315-325.	8.3	41
2235	Complementary Discriminative Correlation Filters Based on Collaborative Representation for Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 557-568.	8.3	31
2236	A Bottom-Up and Top-Down Integration Framework for Online Object Tracking. IEEE Transactions on Multimedia, 2021, 23, 105-119.	7.2	7
2237	Seam Feature Point Acquisition Based on Efficient Convolution Operator and Particle Filter in GMAW. IEEE Transactions on Industrial Informatics, 2021, 17, 1220-1230.	11.3	18
2238	GreenSea: Visual Soccer Analysis Using Broad Learning System. IEEE Transactions on Cybernetics, 2021, 51, 1463-1477.	9.5	47
2239	A survey on online learning for visual tracking. Visual Computer, 2021, 37, 993-1014.	3.5	43
2240	Intermittent Contextual Learning for Keyfilter-Aware UAV Object Tracking Using Deep Convolutional Feature. IEEE Transactions on Multimedia, 2021, 23, 810-822.	7.2	31
2241	CAT: Corner Aided Tracking With Deep Regression Network. IEEE Transactions on Multimedia, 2021, 23, 859-870.	7.2	5
2242	Cascaded Correlation Refinement for Robust Deep Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1276-1288.	11.3	9
2243	Fuzzy-aided solution for out-of-view challenge in visual tracking under IoT-assisted complex environment. Neural Computing and Applications, 2021, 33, 1055-1065.	5.6	130
2244	Visual Object Tracking Based on Mutual Learning Between Cohort Multiscale Feature-Fusion Networks With Weighted Loss. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1055-1065.	8.3	10
2245	Robust Shadow Tracking for Video SAR. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 821-825.	3.1	35
2246	Discriminative object tracking with subspace representation. Visual Computer, 2021, 37, 1207-1219.	3.5	8
2247	Abrupt-motion-aware lightweight visual tracking for unmanned aerial vehicles. Visual Computer, 2021, 37, 371-383.	3.5	3
2248	GOT-10k: A Large High-Diversity Benchmark for Generic Object Tracking in the Wild. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1562-1577.	13.9	667
2249	Improved MDNet tracking with fast feature extraction and efficient multiple domain training. Signal, Image and Video Processing, 2021, 15, 121-128.	2.7	1
2250	A soft manipulator for efficient delicate grasping in shallow water: Modeling, control, and real-world experiments. International Journal of Robotics Research, 2021, 40, 449-469.	8.5	118

#	ARTICLE	IF	CITATIONS
2251	Performance evaluation of low resolution visual tracking for unmanned aerial vehicles. Neural Computing and Applications, 2021, 33, 2229-2248.	5.6	3
2252	A robust tracking algorithm with on online detector and high-confidence updating strategy. Visual Computer, 2021, 37, 567-585.	3.5	3
2253	AD-VAT+: An Asymmetric Dueling Mechanism for Learning and Understanding Visual Active Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1467-1482.	13.9	15
2254	A Visual Leader-Following Approach With a T-D-R Framework for Quadraped Robots. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2342-2354.	9.3	6
2255	Hierarchical correlation siamese network for real-time object tracking. Applied Intelligence, 2021, 51, 3202-3211.	5.3	13
2256	UAV object tracking by background cues and aberrances response suppression mechanism. Neural Computing and Applications, 2021, 33, 3347-3361.	5.6	13
2257	Detecting the shuttlecock for a badminton robot: A YOLO based approach. Expert Systems With Applications, 2021, 164, 113833.	7.6	54
2258	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
2259	Adaptive multi-branch correlation filters for robust visual tracking. Neural Computing and Applications, 2021, 33, 2889-2904.	5.6	6
2260	A novel visual tracking method using stochastic fractal search algorithm. Signal, Image and Video Processing, 2021, 15, 331-339.	2.7	6
2261	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
2262	High-Resolution Vehicle Trajectory Extraction and Denoising From Aerial Videos. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3190-3202.	8.0	112
2263	Cascaded Regression Tracking: Towards Online Hard Distractor Discrimination. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1580-1592.	8.3	4
2264	Occlusion detection and drift-avoidance framework for 2D visual object tracking. Signal Processing: Image Communication, 2021, 90, 116011.	3.2	10
2265	Target Tracking Based on Multiparameter Adaptive Adjustment for Autonomous Aerial Refueling. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	6
2266	Augmented particle samples based optimal convolutional filters for object tracking. Multimedia Tools and Applications, 2021, 80, 4473-4491.	3.9	0
2267	LaSOT: A High-quality Large-scale Single Object Tracking Benchmark. International Journal of Computer Vision, 2021, 129, 439-461.	15.6	70
2268	Adaptive feature fusion for visual object tracking. Pattern Recognition, 2021, 111, 107679.	8.1	23

#	ARTICLE	IF	CITATIONS
2269	Personal Privacy Protection via Irrelevant Faces Tracking and Pixelation in Video Live Streaming. IEEE Transactions on Information Forensics and Security, 2021, 16, 1088-1103.	6.9	19
2270	First-person activity recognition from micro-action representations using convolutional neural networks and object flow histograms. Multimedia Tools and Applications, 2021, 80, 22487-22507.	3.9	0
2271	Study of UAV tracking based on CNN in noisy environment. Multimedia Tools and Applications, 2021, 80, 5351-5372.	3.9	3
2272	Shape robust Siamese network tracking based on weakly supervised learning. International Journal of Wavelets, Multiresolution and Information Processing, 2021, 19, 2050057.	1.3	1
2273	Aerial infrared target tracking in severe jamming using skeletal tracking technology. Infrared Physics and Technology, 2021, 113, 103545.	2.9	5
2274	EACOF: An energy-aware correlation filter for visual tracking. Pattern Recognition, 2021, 112, 107766.	8.1	8
2275	Visual tracking using convolutional features with sparse coding. Artificial Intelligence Review, 2021, 54, 3349-3360.	15.7	3
2276	Visual ship tracking via a hybrid kernelized correlation filter and anomaly cleansing framework. Applied Ocean Research, 2021, 106, 102455.	4.1	14
2277	Learning dynamic regression with automatic distractor repression for real-time UAV tracking. Engineering Applications of Artificial Intelligence, 2021, 98, 104116.	8.1	20
2278	Robust online tracking via sparse gradient convolution networks. Signal Processing: Image Communication, 2021, 90, 116056.	3.2	1
2279	Application of convolutional neural network in random structural damage identification. Structures, 2021, 29, 570-576.	3.6	9
2280	Integration of regularized l1 tracking and instance segmentation for video object tracking. Neurocomputing, 2021, 423, 284-300.	5.9	6
2281	Robust tracking of moving objects using thermal camera and speeded up robust features descriptor. International Journal of Adaptive Control and Signal Processing, 2021, 35, 549-566.	4.1	2
2282	Multi-expert visual tracking using hierarchical convolutional feature fusion via contextual information. Information Sciences, 2021, 546, 996-1013.	6.9	13
2283	Effective template update mechanism in visual tracking with background clutter. Neurocomputing, 2021, 458, 615-625.	5.9	128
2284	Online collaboration-based visual tracking for unmanned aerial vehicle with spatial-to-semantic information and multi-recommender voting.. International Journal of Remote Sensing, 2021, 42, 1664-1687.	2.9	2
2285	Sparse Learning-Based Correlation Filter for Robust Tracking. IEEE Transactions on Image Processing, 2021, 30, 878-891.	9.8	19
2286	Learning region sparse constraint correlation filter for tracking. Signal Processing: Image Communication, 2021, 90, 116042.	3.2	2

#	ARTICLE	IF	CITATIONS
2287	End-to-end feature fusion Siamese network for adaptive visual tracking. IET Image Processing, 2021, 15, 91-100.	2.5	5
2288	A Meta-Q-Learning Approach to Discriminative Correlation Filter based Visual Tracking. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 101, 1.	3.4	1
2289	Robust visual tracking via spatio-temporal adaptive and channel selective correlation filters. Pattern Recognition, 2021, 112, 107738.	8.1	17
2290	BSCF: Learning background suppressed correlation filter tracker for wireless multimedia sensor networks. Ad Hoc Networks, 2021, 111, 102340.	5.5	7
2291	Automated sewer pipe defect tracking in CCTV videos based on defect detection and metric learning. Automation in Construction, 2021, 121, 103438.	9.8	33
2292	Structured and Consistent Multi-Layer Multi-Kernel Subtask Correction Filter Tracker. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2328-2342.	8.3	3
2293	Adversarial Metric Attack and Defense for Person Re-Identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2119-2126.	13.9	29
2294	Visual tracking with multilayer filter fusion network. Multimedia Tools and Applications, 2021, 80, 6493-6506.	3.9	1
2295	Object Tracking in Satellite Videos Based on a Lightweight Network. Journal of Circuits, Systems and Computers, 2021, 30, 2150099.	1.5	2
2296	A real-time critical part detection for the blurred image of infrared reconnaissance balloon with boundary curvature feature analysis. Journal of Real-Time Image Processing, 2021, 18, 619-634.	3.5	4
2297	Sparse Representations for Object- and Ego-Motion Estimations in Dynamic Scenes. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2521-2534.	11.3	5
2298	Moving to OOP: An Active Observation Approach for a Novel Composite Visual Servoing Configuration. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	4.7	3
2299	Unsupervised Deep Representation Learning for Real-Time Tracking. International Journal of Computer Vision, 2021, 129, 400-418.	15.6	69
2300	Multi-Scale Anti-Occlusion Correlation Filters Object Tracking Method Based on Complementary Features. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2155002.	1.2	1
2301	Learning Temporary Block-Based Bidirectional Incongruity-Aware Correlation Filters for Efficient UAV Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2160-2174.	8.3	19
2302	Dual-template adaptive correlation filter for real-time object tracking. Multimedia Tools and Applications, 2021, 80, 2355-2376.	3.9	8
2303	Fast moving and deformational target tracking approach based on heterogeneous features fusion. Transactions of the Institute of Measurement and Control, 2021, 43, 612-622.	1.7	1
2304	High-speed tracking based on multi-CF filters and attention mechanism. Signal, Image and Video Processing, 2021, 15, 663-671.	2.7	3

#	ARTICLE	IF	CITATIONS
2305	Fusing Skeleton Recognition With Face-TLD for Human Following of Mobile Service Robots. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2963-2979.	9.3	8
2306	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
2307	Dynamical Hyperparameter Optimization via Deep Reinforcement Learning in Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1515-1529.	13.9	122
2308	A Collaborative and Sustainable Edge-Cloud Architecture for Object Tracking with Convolutional Siamese Networks. IEEE Transactions on Sustainable Computing, 2021, 6, 144-154.	3.1	8
2309	Siamese Fully Convolutional Tracker with Motion Correction. , 2021, , .		0
2310	Efficient correlation filter tracking with adaptive training sample update scheme. , 2021, , .		0
2311	ReCF: Exploiting Response Reasoning for Correlation Filters in Real-Time UAV Tracking. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10469-10480.	8.0	13
2312	Siamese Attentional Cascade Keypoints Network for Visual Object Tracking. IEEE Access, 2021, 9, 7243-7254.	4.2	6
2313	Visual Tracking by TridentAlign and Context Embedding. Lecture Notes in Computer Science, 2021, , 504-520.	1.3	3
2314	Efficient scale estimation methods using lightweight deep convolutional neural networks for visual tracking. Neural Computing and Applications, 2021, 33, 8319-8334.	5.6	6
2315	Improved ECO Algorithm Based on Residual Neural Network. Journal of Physics: Conference Series, 2021, 1732, 012081.	0.4	2
2316	Autonomous 3D Semantic Mapping of Coral Reefs. Springer Proceedings in Advanced Robotics, 2021, , 365-379.	1.3	1
2318	Multi-layer Features Fusion Strategy with GloU Loss for Siamese Network Tracking. Advances in Intelligent Systems and Computing, 2021, , 1611-1619.	0.6	1
2319	An Improved Tracking Learning Detection Method Based on AKAZE Feature Points. Advances in Intelligent Systems and Computing, 2021, , 1123-1133.	0.6	1
2320	Hierarchical Spatiotemporal Graph Regularized Discriminative Correlation Filter for Visual Object Tracking. IEEE Transactions on Cybernetics, 2022, 52, 12259-12274.	9.5	10
2321	YOLBO: You Only Look Back Onceâ€”A Low Latency Object Tracker Based on YOLO and Optical Flow. IEEE Access, 2021, 9, 82497-82507.	4.2	3
2322	Correlation Tracking via Spatial-Temporal Constraints and Structured Sparse Regularization. IEEE Access, 2021, 9, 82675-82685.	4.2	0
2323	Rank-Based Verification for Long-Term Face Tracking in Crowded Scenes. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 495-505.	4.4	7

#	ARTICLE	IF	CITATIONS
2324	Improved Vehicle Detection and Tracking Using YOLO and CSRT. Lecture Notes in Networks and Systems, 2021, , 435-446.	0.7	0
2325	Combining Siamese Network and Correlation Filter for Complementary Object Tracking. Lecture Notes in Computer Science, 2021, , 145-157.	1.3	0
2326	Adaptive Correlation Filters Feature Fusion Learning for Visual Tracking. Lecture Notes in Computer Science, 2021, , 652-664.	1.3	0
2327	Deep Learning for Visual Tracking: A Comprehensive Survey. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3943-3968.	8.0	152
2328	HRSiam: High-Resolution Siamese Network, Towards Space-Borne Satellite Video Tracking. IEEE Transactions on Image Processing, 2021, 30, 3056-3068.	9.8	45
2329	Keypoint-Based Disentangled Pose Network for Category-Level 6-D Object Pose Tracking. IEEE Computer Graphics and Applications, 2022, 42, 28-36.	1.2	1
2330	Gesture-Based Autonomous Diving Buddy for Underwater Photography. Lecture Notes in Computer Science, 2021, , 195-206.	1.3	0
2331	Attention Guided Relation Detection Approach for Video Visual Relation Detection. IEEE Transactions on Multimedia, 2022, 24, 3896-3907.	7.2	2
2332	Model Decay in Long-Term Tracking. , 2021, , .		3
2333	Research on Target tracking Based on Improved KCF Algorithm. , 2021, , .		0
2334	Jointly Modeling Motion and Appearance Cues for Robust RGB-T Tracking. IEEE Transactions on Image Processing, 2021, 30, 3335-3347.	9.8	73
2335	Adaptive Object Tracking Discriminate Model for Multi-Camera Panorama Surveillance in Airport Apron. CMES - Computer Modeling in Engineering and Sciences, 2021, 129, 191-205.	1.1	2
2336	An Overview of Correlation-Filter-Based Object Tracking. IEEE Transactions on Computational Social Systems, 2022, 9, 18-31.	4.4	16
2337	Triplet Network Template for Siamese Trackers. IEEE Access, 2021, 9, 44426-44435.	4.2	4
2338	Visual Object Detection and Tracking for Internet of Things Devices Based on Spatial Attention Powered Multidomain Network. IEEE Internet of Things Journal, 2023, 10, 2811-2820.	8.7	7
2339	Siamese Tracking Network With Informative Enhanced Loss. IEEE Transactions on Multimedia, 2021, 23, 120-132.	7.2	23
2340	Co-Inference Discriminative Tracking Through Multi-Task Siamese Network. IEEE Access, 2021, 9, 60577-60587.	4.2	0
2341	Vehicle Trajectory Optimization Based on Limiting Average Algorithm. IEEE Access, 2021, 9, 9595-9599.	4.2	2

#	ARTICLE	IF	CITATIONS
2342	Robust Visual Object Tracking Via Adaptive Attribute-Aware Discriminative Correlation Filters. IEEE Transactions on Multimedia, 2022, 24, 301-312.	7.2	25
2343	BP neural Network-Kalman filter fusion method for unmanned aerial vehicle target tracking. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2023, 237, 4203-4212.	2.1	3
2344	Multi-kernel support correlation filters with temporal filtering constraint for object tracking. Multimedia Tools and Applications, 2021, 80, 14041-14073.	3.9	2
2345	Accurate visual tracking via reliable patch. Visual Computer, 2022, 38, 625-638.	3.5	5
2346	Corrections to “Vision-Based Moving UAV Tracking by Another UAV on Low-Cost Hardware and a New Ground Control Station”. IEEE Access, 2021, 9, 6888-6889.	4.2	0
2347	Illumination-Adapted Long-Term Tracking Based on Multiple Correlation Framework. Journal of Physics: Conference Series, 2021, 1748, 042056.	0.4	0
2348	Computer-Aided Intraoperative Toric Intraocular Lens Positioning and Alignment During Cataract Surgery. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3921-3932.	6.3	3
2349	Spatial Graph Regularized Correlation Filters for Visual Object Tracking. Advances in Intelligent Systems and Computing, 2021, , 186-195.	0.6	1
2350	Analysis of the Dynamical Biological Objects of Optical Microscopy. Pattern Recognition and Image Analysis, 2021, 31, 172-184.	1.0	1
2351	A Feature Fusion Based Object Tracking Algorithm. Communications in Computer and Information Science, 2021, , 548-557.	0.5	0
2352	Tracker Evaluation for Small Object Tracking. Lecture Notes in Computer Science, 2021, , 622-629.	1.3	0
2353	Multi-Task Convolution Operators With Object Detection for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8204-8216.	8.3	8
2354	Target-Aware State Estimation for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2908-2920.	8.3	8
2355	Equivalence of Correlation Filter and Convolution Filter in Visual Tracking. Lecture Notes in Computer Science, 2021, , 623-634.	1.3	2
2356	Correlation filter tracking based on superpixel and multifeature fusion. Optoelectronics Letters, 2021, 17, 47-52.	0.8	3
2357	Dynamic Particle Filter Framework for Robust Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3735-3748.	8.3	5
2358	A Novel Target-Aware Dual Matching and Compensatory Segmentation Tracker for Aerial Videos. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	5
2359	500-Fps Omnidirectional Visual Tracking Using Three-Axis Active Vision System. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	19

#	ARTICLE	IF	CITATIONS
2360	End-to-End Correlation Tracking With Enhanced Multi-Level Feature Fusion. IEEE Access, 2021, 9, 128827-128840.	4.2	1
2361	SAR Ground Moving Target Refocusing by Combining mRe ³ Network and TV ² -LSTM. IEEE Transactions on Geoscience and Remote Sensing, 2021, , 1-14.	6.3	7
2362	Tracking-by-Trackers with a Distilled and Reinforced Model. Lecture Notes in Computer Science, 2021, , 631-650.	1.3	6
2363	Detection Based Multipath Correlation Filter for Visual Object Tracking. Communications in Computer and Information Science, 2021, , 406-418.	0.5	0
2364	Tracking Based Semi-Automatic Annotation for Scene Text Videos. IEEE Access, 2021, 9, 46325-46338.	4.2	3
2365	Multi-Model and Multi-Expert Correlation Filter for High-Speed Tracking. IEEE Access, 2021, 9, 52326-52335.	4.2	3
2366	Object Detection-Tracking Algorithm for Unmanned Surface Vehicles Based on a Radar-Photoelectric System. IEEE Access, 2021, 9, 57529-57541.	4.2	8
2367	VSRN: Visual-Semantic Relation Network for Video Visual Relation Inference. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 768-777.	8.3	3
2368	Detection of Moving Infrared Small Target Based on Fusion of Multi-gradient Filter and Vibe Algorithm. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 600-612.	0.3	0
2369	Occluded object tracking using object-background prototypes and particle filter. Applied Intelligence, 2021, 51, 5259-5279.	5.3	7
2370	Improved Hierarchical Convolutional Features for Robust Visual Object Tracking. Complexity, 2021, 2021, 1-16.	1.6	1
2371	A Comparative Analysis on the Impact of Face Tracker and Skin Segmentation onto Improving the Performance of Real-Time Remote Photoplethysmography. Lecture Notes in Computer Science, 2021, , 27-37.	1.3	0
2372	Incremental visual tracking via sparse discriminative classifier. Multimedia Systems, 2021, 27, 287-299.	4.7	2
2373	Learning Recurrent Memory Activation Networks for Visual Tracking. IEEE Transactions on Image Processing, 2021, 30, 725-738.	9.8	6
2374	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
2375	Adaptive Spatio-Temporal Regularized Correlation Filters for UAV-Based Tracking. Lecture Notes in Computer Science, 2021, , 391-404.	1.3	0
2376	New Generation Deep Learning for Video Object Detection: A Survey. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3195-3215.	11.3	62
2377	Dynamic Temporal-Spatial Regularization-Based Channel Weight Correlation Filter for Aerial Object Tracking. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3

#	ARTICLE	IF	CITATIONS
2378	Exploring the Effects of Blur and Deblurring to Visual Object Tracking. IEEE Transactions on Image Processing, 2021, 30, 1812-1824.	9.8	35
2379	Vision-Based Vehicle Detection and Tracking System. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 353-364.	0.7	2
2380	Exploiting Acceleration of the Target for Visual Object Tracking. IEEE Access, 2021, 9, 73818-73825.	4.2	2
2381	TICNet: A Target-Insight Correlation Network for Object Tracking. IEEE Transactions on Cybernetics, 2022, 52, 12150-12162.	9.5	8
2382	Learning Adaptively Context-Weight-Aware Correlation Filters for UAV Tracking with Robust Spatial-Temporal Regularization. , 2021, , .		0
2383	Tracking by Joint Local and Global Search: A Target-Aware Attention-Based Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6931-6945.	11.3	15
2384	Multi-Regularized Correlation Filter for UAV Tracking and Self-Localization. IEEE Transactions on Industrial Electronics, 2022, 69, 6004-6014.	7.9	36
2385	Multi-Feature Fusion Target Re-Location Tracking Based on Correlation Filters. IEEE Access, 2021, 9, 28954-28964.	4.2	9
2386	Robust Visual Tracking via Multitask Sparse Correlation Filters Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 502-515.	11.3	3
2387	IGSSTRCF: Importance Guided Sparse Spatio-Temporal Regularized Correlation Filters For Tracking. , 2021, , .		1
2388	Learning Temporal-Correlated and Channel- Decorrelated Siamese Networks for Visual Tracking. IEEE Transactions on Multimedia, 2022, 24, 2791-2803.	7.2	6
2389	A Detection and Tracking Combined Network for Long-Term Tracking. Lecture Notes in Computer Science, 2021, , 571-582.	1.3	0
2390	A Robust Deep Affinity Network for Multiple Ship Tracking. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-20.	4.7	5
2391	A KCF-Based Incremental Target Tracking Method With Constant Update Speed. IEEE Access, 2021, 9, 73544-73560.	4.2	15
2392	Long-term target tracking combined with re-detection. Eurasip Journal on Advances in Signal Processing, 2021, 2021, .	1.7	6
2393	Adaptive State Estimation and Real-Time tracking of Aeroelastic Wings with Augmented Kalman filter and Kernelized Correlation Filter. , 2021, , .		4
2394	EyeTell: Disabled Patients Communication Application. Studies in Systems, Decision and Control, 2021, , 433-448.	1.0	0
2396	Tropical Cyclones Tracking Based on Satellite Cloud Images: Database and Comprehensive Study. Lecture Notes in Computer Science, 2021, , 13-25.	1.3	0

#	ARTICLE	IF	CITATIONS
2397	Multi-Channel Feature Dimension Adaption for Correlation Tracking. IEEE Access, 2021, 9, 63814-63824.	4.2	1
2398	Feature Aggregation Networks Based on Dual Attention Capsules for Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 674-689.	8.3	15
2399	Channel Graph Regularized Correlation Filters for Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 715-729.	8.3	13
2400	A CRF-Based Framework for Tracklet Inactivation in Online Multi-Object Tracking. IEEE Transactions on Multimedia, 2022, 24, 995-1007.	7.2	10
2401	An Off-Board Vision System for Relative Attitude Measurement of Aircraft. IEEE Transactions on Industrial Electronics, 2022, 69, 4225-4233.	7.9	14
2402	Correlation Discrepancy Insight Network for Video Re-identification. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-21.	4.3	16
2403	Developing the Model Reduction Framework in High Frame Rate Visual Tracking Environment. , 2021, , .		0
2404	A Twofold Convolutional Regression Tracking Network With Temporal and Spatial Mechanism. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1537-1551.	8.3	9
2405	Deep Correlation Filter Tracking With Shepherded Instance-Aware Proposals. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11408-11421.	8.0	3
2406	Robust visual tracker combining temporal consistent constraint and adaptive spatial regularization. Neural Computing and Applications, 2021, 33, 8355.	5.6	1
2407	UAVData: A dataset for unmanned aerial vehicle detection. Soft Computing, 2021, 25, 5385-5393.	3.6	9
2408	Multi-Metric Re-Identification for Online Multi-Person Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 147-159.	8.3	8
2409	Tracking With CNN Based Correlation Filters on Spherical Manifolds. IEEE Access, 2021, 9, 2770-2779.	4.2	0
2410	SiamCAN: Real-Time Visual Tracking Based on Siamese Center-Aware Network. IEEE Transactions on Image Processing, 2021, 30, 3597-3609.	9.8	26
2411	A Survey of FPGA-Based Robotic Computing. IEEE Circuits and Systems Magazine, 2021, 21, 48-74.	2.3	38
2412	SiamMT: Real-Time Arbitrary Multi-Object Tracking. , 2021, , .		0
2413	LMD-TShip [†] : Vision Based Large-Scale Maritime Ship Tracking Benchmark for Autonomous Navigation Applications. IEEE Access, 2021, 9, 74370-74384.	4.2	3
2414	Detection of Irregularities and Abnormal Behaviour in Extreme-Scale Data Streams. Security Informatics and Law Enforcement, 2021, , 135-149.	0.4	0

#	ARTICLE	IF	CITATIONS
2415	Object Tracking via Spatial-Temporal Memory Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2976-2989.	8.3	18
2416	Part-Based Object Tracking Using Multiple Adaptive Correlation Filters. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	12
2417	An Underwater Micro Cable-Driven Pan-Tilt Binocular Vision System With Spherical Refraction Calibration. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	10
2418	Robust Visual Tracking with Reliable Object Information and Kalman Filter. Sensors, 2021, 21, 889.	3.8	2
2419	Bayesian Correlation Filter Learning With Gaussian Scale Mixture Model for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3085-3098.	8.3	6
2420	HLDNet: Abandoned Object Detection Using Hand Luggage Detection Network. IEEE Consumer Electronics Magazine, 2022, 11, 45-56.	2.3	1
2421	Anti-Distractor Active Object Tracking in 3D Environments. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3697-3707.	8.3	10
2422	Fast Kernelized Correlation Filter without Boundary Effect. , 2021, , .		3
2423	Fast and Robust UAV to UAV Detection and Tracking From Video. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 1519-1531.	4.6	16
2424	Real-Time Multiobject Tracking Based on Multiway Concurrency. Sensors, 2021, 21, 685.	3.8	4
2425	TDIOT: Target-Driven Inference for Deep Video Object Tracking. IEEE Transactions on Image Processing, 2021, 30, 7938-7951.	9.8	11
2426	TrackClinic: Diagnosis of Challenge Factors in Visual Tracking. , 2021, , .		7
2427	Self-Supervised Deep Correlation Tracking. IEEE Transactions on Image Processing, 2021, 30, 976-985.	9.8	193
2428	Adaptive Gaussian-Like Response Correlation Filter for UAV Tracking. Lecture Notes in Computer Science, 2021, , 596-609.	1.3	3
2429	Adaptive Context-Aware Discriminative Correlation Filters for Robust Visual Object Tracking. , 2021, , .		1
2430	Vision-Based Target Detection and Tracking System for a Quadcopter. IEEE Access, 2021, 9, 62043-62054.	4.2	10
2431	RGBT Tracking via Noise-Robust Cross-Modal Ranking. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5019-5031.	11.3	7
2433	AerialMPTNet: Multi-Pedestrian Tracking in Aerial Imagery Using Temporal and Graphical Features. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
2434	DAL: A Deep Depth-Aware Long-term Tracker. , 2021, , .		8
2435	RSINet: Rotation-Scale Invariant Network for Online Visual Tracking. , 2021, , .		1
2436	An Improved Visual Tracking Approach Based on Hierarchical Convolutional Features. , 2021, , .		0
2437	NoisyOTNet: A Robust Real-Time Vehicle Tracking Model for Traffic Surveillance. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2107-2119.	8.3	7
2438	MBLT: Learning Motion and Background for Vehicle Tracking in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	15
2439	Channel Positive and Negative Feedback Network for Target Tracking. IEEE Access, 2021, 9, 15004-15014.	4.2	3
2440	A real-time object tracking algorithm based on dual feature model kernel correlation filtering. Multimedia Tools and Applications, 0, , 1.	3.9	0
2441	VAN: Versatile Affinity Network for End-to-End Online Multi-object Tracking. Lecture Notes in Computer Science, 2021, , 576-593.	1.3	1
2442	Comprehensive Learning Particle Swarm Optimizer for Intelligent Visual Tracking. , 2021, , .		1
2443	Suspicious Action Detection in Intelligent Surveillance System Using Action Attribute Modelling. Journal of Web Engineering, 0, , .	0.7	4
2444	Highly Accurate Real time human Counter with Minimum Computation Cost. , 2021, , .		1
2445	Guided MDNet tracker with guided samples. Visual Computer, 2022, 38, 1135-1149.	3.5	1
2446	A Real-Time Structured Output Tracker with Scale Adaption for Visual Target Tracking. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	0
2447	Real-time object tracking based on sparse representation and adaptive particle drawing. Visual Computer, 2022, 38, 849-869.	3.5	5
2448	A modular hierarchical array camera. Light: Science and Applications, 2021, 10, 37.	16.6	19
2449	Pose Measurement for Unmanned Aerial Vehicle Based on Rigid Skeleton. Applied Sciences (Switzerland), 2021, 11, 1373.	2.5	0
2450	Intelligent Target Visual Tracking and Control Strategy for Open Frame Underwater Vehicles. Robotica, 2021, 39, 1791-1805.	1.9	6
2451	High-speed moving target tracking of multi-camera system with overlapped field of view. Signal, Image and Video Processing, 2021, 15, 1369-1377.	2.7	3

#	ARTICLE	IF	CITATIONS
2452	Learning Local-Global Multiple Correlation Filters for Robust Visual Tracking with Kalman Filter Redetection. <i>Sensors</i> , 2021, 21, 1129.	3.8	48
2453	21.2: 3D Laser Vision in Smart Welding System. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 133-136.	0.3	1
2454	Online Intelligent Perception of Pantograph and Catenary System Status Based on Parameter Adaptation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1948.	2.5	5
2455	Vision-Based Structural FE Model Updating Using Genetic Algorithm. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1622.	2.5	10
2456	MultEYE: Monitoring System for Real-Time Vehicle Detection, Tracking and Speed Estimation from UAV Imagery on Edge-Computing Platforms. <i>Remote Sensing</i> , 2021, 13, 573.	4.0	45
2457	Generalized Intersection over Union Based Online Weighted Multiple Instance Learning Algorithm for Object Tracking. , 2021, , .		1
2458	Ship Detection and Tracking in Inland Waterways Using Improved YOLOv3 and Deep SORT. <i>Symmetry</i> , 2021, 13, 308.	2.2	27
2459	Multi-system fusion based on deep neural network and cloud edge computing and its application in intelligent manufacturing. <i>Neural Computing and Applications</i> , 2022, 34, 3411-3420.	5.6	15
2460	Robust Long-Term Visual Object Tracking via Low-Rank Sparse Learning for Re-Detection. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1963.	2.5	2
2461	3D-SiamRPN: An End-to-End Learning Method for Real-Time 3D Single Object Tracking Using Raw Point Cloud. <i>IEEE Sensors Journal</i> , 2021, 21, 4995-5011.	4.7	34
2462	Near-Online Tracking With Co-Occurrence Constraints in Blockchain-Based Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021, 8, 2193-2207.	8.7	60
2463	An Improved Method of Nonmotorized Traffic Tracking and Classification to Acquire Traffic Parameters at Intersections. <i>International Journal of Intelligent Transportation Systems Research</i> , 2021, 19, 312-323.	1.1	1
2464	Adaptive Channel Selection for Robust Visual Object Tracking with Discriminative Correlation Filters. <i>International Journal of Computer Vision</i> , 2021, 129, 1359-1375.	15.6	52
2465	Visual Object Tracking and Servoing Control of a Nano-Scale Quadrotor: System, Algorithms, and Experiments. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021, 8, 344-360.	13.1	20
2466	Omnidirectional movement tracking system combining depth information. , 2021, , .		0
2467	Motion-aware ensemble of three-mode trackers for unmanned aerial vehicles. <i>Machine Vision and Applications</i> , 2021, 32, 1.	2.7	2
2468	An Improved Automatic Zone Detection Algorithm based on Mechanic Flow for Complex Scene Event. , 2021, , .		1
2469	Dynamic tree branch tracking for aerial canopy sampling using stereo vision. <i>Computers and Electronics in Agriculture</i> , 2021, 182, 106007.	7.7	2

#	ARTICLE	IF	CITATIONS
2470	Kernel correlation filter tracking strategy based on adaptive fusion response map. IET Image Processing, 0, , .	2.5	1
2471	Fundus motion during mfERG testing. Documenta Ophthalmologica, 2021, 143, 129-139.	2.2	0
2472	Actor-Critic Tracking with Precise Scale Estimation and Advantage Function. Journal of Physics: Conference Series, 2021, 1827, 012064.	0.4	0
2474	Robust visual tracking via scale-aware localization and peak response strength. , 2021, , .		0
2475	Learning adaptive spatialâ€‘temporal regularized correlation filters for visual tracking. IET Image Processing, 2021, 15, 1773-1785.	2.5	3
2476	Feature selection accelerated convolutional neural networks for visual tracking. Applied Intelligence, 2021, 51, 8230-8244.	5.3	16
2477	Multi-Features Integration Based Hyperspectral Videos Tracker. , 2021, , .		21
2478	A novel Siamese Attention Network for visual object tracking of autonomous vehicles. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2021, 235, 2764-2775.	1.9	4
2479	Correlation Filtering Tracking Algorithm with Joint Scale Estimation and Occlusion processing. , 2021, , .		0
2480	Lineâ€‘Circleâ€‘Square (LCS): A multilayered geometric filter for edge-based detection. Robotics and Autonomous Systems, 2021, 137, 103732.	5.1	2
2481	Inspection Method of Rope Arrangement in the Ultra-Deep Mine Hoist Based on Optical Projection and Machine Vision. Sensors, 2021, 21, 1769.	3.8	9
2482	The improvement of visual object tracking using a combination between particle and correlation filter. Journal of Physics: Conference Series, 2021, 1821, 012004.	0.4	0
2483	Vehicle Crash Prediction using Vision. , 2021, , .		3
2484	Projection-mapping-based object pointing using a high-frame-rate camera-projector system. ROBOMECH Journal, 2021, 8, .	1.6	3
2485	Robust Visual Tracking Based on Convolutional Sparse Coding. Wireless Communications and Mobile Computing, 2021, 2021, 1-9.	1.2	0
2486	Fish Tracking Based on Feature Fusion and Scale Adaptation in a Real-World Underwater Environment. Marine Technology Society Journal, 2021, 55, 45-53.	0.4	6
2487	Estimating evapotranspiration by coupling Bayesian model averaging methods with machine learning algorithms. Environmental Monitoring and Assessment, 2021, 193, 156.	2.7	28
2488	A Camera PTZ Control Algorithm For Autonomous Mobile Inspection Robot. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
2489	Spectral-Spatial-Temporal Attention Network for Hyperspectral Tracking. , 2021, , .		16
2490	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
2491	A visual tracking algorithm via confidence-based multi-feature correlation filtering. Multimedia Tools and Applications, 2021, 80, 23963-23982.	3.9	6
2492	Tracking fiducial markers with discriminative correlation filters. Image and Vision Computing, 2021, 107, 104094.	4.5	10
2493	Efficient convolutional neural network with multi-kernel enhancement features for real-time facial expression recognition. Journal of Real-Time Image Processing, 2021, 18, 2111-2122.	3.5	10
2494	Template Features Guided Siamese Keypoints Detection for Visual Object Tracking. Journal of Physics: Conference Series, 2021, 1802, 042104.	0.4	0
2495	Discriminative correlation tracking based on spatial attention mechanism for low-resolution imaging systems. Visual Computer, 2022, 38, 1495-1508.	3.5	1
2496	Object tracking using temporally matching filters. IET Computer Vision, 2021, 15, 245-257.	2.0	0
2497	Single Object Tracking in Satellite Videos: Deep Siamese Network Incorporating an Interframe Difference Centroid Inertia Motion Model. Remote Sensing, 2021, 13, 1298.	4.0	18
2498	Multiple convolutional features in Siamese networks for object tracking. Machine Vision and Applications, 2021, 32, 1.	2.7	5
2499	Remote sensing target tracking in satellite videos based on a variable-angle adaptive Siamese network. IET Image Processing, 2021, 15, 1987-1997.	2.5	5
2500	FastUAV-NET: A Multi-UAV Detection Algorithm for Embedded Platforms. Electronics (Switzerland), 2021, 10, 724.	3.1	24
2501	Tracking Strategy of Unmanned Aerial Vehicle for Tracking Moving Target. International Journal of Control, Automation and Systems, 2021, 19, 2183-2194.	2.7	6
2502	Detection of passenger flow on and off buses based on video images and YOLO algorithm. Multimedia Tools and Applications, 2022, 81, 4669-4692.	3.9	15
2503	A Framework for Long-Term Tracking Based on a Global Proposal Network. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2155011.	1.2	3
2504	Field Test Validations of Vision-based Multi-camera Multi-drone Tracking and 3D Localizing with Concurrent Camera Pose Estimation. , 2021, , .		10
2505	3-D Relation Network for visual relation recognition in videos. Neurocomputing, 2021, 432, 91-100.	5.9	16
2506	MS-Faster R-CNN: Multi-Stream Backbone for Improved Faster R-CNN Object Detection and Aerial Tracking from UAV Images. Remote Sensing, 2021, 13, 1670.	4.0	43

#	ARTICLE	IF	CITATIONS
2507	Visual tracking using interactive factorial hidden Markov models. IET Signal Processing, 2021, 15, 365-374.	1.5	0
2508	Cross-modal Attention Network for RGB-T Tracking. , 2021, , .		2
2509	HNST: Hybrid Neural State Tracker for High Speed Tracking. , 2021, , .		0
2510	A 500-Fps Pan-Tilt Tracking System With Deep-Learning-Based Object Detection. IEEE Robotics and Automation Letters, 2021, 6, 691-698.	5.1	9
2511	New performance measures for object tracking under complex environments. Multimedia Systems, 0, , 1.	4.7	0
2512	Aerial Target Tracking in a Cloud Clutter Environment using Multi-sensor Information. The Journal of Korean Institute of Information Technology, 2021, 19, 75-82.	0.3	0
2513	SiamCPN: Visual tracking with the Siamese center-prediction network. Computational Visual Media, 2021, 7, 253-265.	17.5	4
2514	Low-Cost, Computer Vision-Based, Prebloom Cluster Count Prediction in Vineyards. Frontiers in Agronomy, 2021, 3, .	3.3	4
2515	Target Tracking Using a Mean-Shift Occlusion Aware Particle Filter. IEEE Sensors Journal, 2021, 21, 10112-10121.	4.7	15
2516	A Study and Analysis of Improved Binary Pattern Technique in Dynamic Images. Turkish Journal of Computer and Mathematics Education, 2021, 12, 2602-2608.	0.3	2
2517	Wasserstein Distance-Based Auto-Encoder Tracking. Neural Processing Letters, 2021, 53, 2305-2329.	3.2	3
2518	Correlation Filter and Deep Siamese Network Hybrid Algorithm for Visual Object Tracking. , 2021, , .		1
2519	A Hybrid Visual Tracking Algorithm Based on SOM Network and Correlation Filter. Sensors, 2021, 21, 2864.	3.8	1
2520	Deep learning in multi-object detection and tracking: state of the art. Applied Intelligence, 2021, 51, 6400-6429.	5.3	120
2521	An Integrated Method for Tracking and Monitoring Stomata Dynamics from Microscope Videos. Plant Phenomics, 2021, 2021, 9835961.	5.9	11
2522	Spatio-Temporal Context, Correlation Filter and Measurement Estimation Collaboration Based Visual Object Tracking. Sensors, 2021, 21, 2841.	3.8	6
2523	Localizing and tracking dense crowd of microbes by joint association and detection refinement. Visual Computer, 0, , 1.	3.5	0
2524	Object tracking algorithm based on fusion of SiamFC and Feature Pyramid Network. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
2526	An Anchor-Free Siamese Network with Multi-Template Update for Object Tracking. Electronics (Switzerland), 2021, 10, 1067.	3.1	4
2527	Development and Testing of Algorithms for Vehicle Type Recognition and Car Tracking with Photo and Video Traffic Enforcement Cameras. Pattern Recognition and Image Analysis, 2021, 31, 323-333.	1.0	3
2528	High speed long-term visual object tracking algorithm for real robot systems. Neurocomputing, 2021, 434, 268-284.	5.9	13
2529	Ghost Elimination via Multi-Component Collaboration for Unmanned Aerial Vehicle Remote Sensing Image Stitching. Remote Sensing, 2021, 13, 1388.	4.0	13
2530	High-precision Sub-pixel Object Tracking Algorithm. , 2021, , .		0
2531	Learning spatio-temporal correlation filter for visual tracking. Neurocomputing, 2021, 436, 273-282.	5.9	16
2532	An Intelligent Auto-Organizing Aerial Robotic Sensor Network System for Urban Surveillance. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 102, 1.	3.4	9
2533	Vehicle counting method based on attention mechanism SSD and state detection. Visual Computer, 2022, 38, 2871-2881.	3.5	4
2534	Long-Term Visual Tracking of an Unmanned Surface Vehicle in Complex Environment Based on Adaptive Multi-Feature Fusion with Correlation Filtering. , 2021, , .		0
2535	Face recognition and tracking for security surveillance. Journal of Intelligent and Fuzzy Systems, 2021, 41, 5337-5345.	1.4	3
2536	EdgeDuet: Tiling Small Object Detection for Edge Assisted Autonomous Mobile Vision. , 2021, , .		21
2537	Multiple Pedestrians and Vehicles Tracking in Aerial Imagery Using a Convolutional Neural Network. Remote Sensing, 2021, 13, 1953.	4.0	7
2538	KCF-Match Target Tracking Algorithm for Tracking Swing Angle of Coupler Based on Video. , 2021, , .		1
2539	Dual Siamese network for RGBT tracking via fusing predicted position maps. Visual Computer, 2022, 38, 2555-2567.	3.5	15
2540	Noncontact Multiphysics Probe for Spatiotemporal Resolved Singleâ€Cell Manipulation and Analyses. Small, 2021, 17, 2100801.	10.0	9
2541	Intelligent droplet tracking with correlation filters for digital microfluidics. Chinese Chemical Letters, 2021, 32, 3416-3420.	9.0	10
2542	OSDDY: embedded system-based object surveillance detection system with small drone using deep YOLO. Eurasip Journal on Image and Video Processing, 2021, 2021, .	2.6	28
2543	A fast and effective video vehicle detection method leveraging feature fusion and proposal temporal link. Journal of Real-Time Image Processing, 2021, 18, 1261-1274.	3.5	12

#	ARTICLE	IF	CITATIONS
2544	Object Tracking in Hyperspectral-Oriented Video with Fast Spatial-Spectral Features. Remote Sensing, 2021, 13, 1922.	4.0	22
2545	Deep Learning Techniques for Vehicle Trajectory Extraction in Mixed Traffic. Journal of Big Data Analytics in Transportation, 2021, 3, 141-157.	3.0	9
2546	A Study on Vision-Based Backstepping Control for a Target Tracking System. Actuators, 2021, 10, 105.	2.3	10
2547	Siamese target estimation network with AIoU loss for real-time visual tracking. Journal of Visual Communication and Image Representation, 2021, 77, 103107.	2.8	7
2548	Learning Saliency-Aware Correlation Filters for Visual Tracking. Computer Journal, 2022, 65, 1846-1859.	2.4	6
2549	AMTSet: a benchmark for abrupt motion tracking. Multimedia Tools and Applications, 0, , 1.	3.9	1
2550	Multitarget Tracking Using Siamese Neural Networks. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-16.	4.3	32
2551	Multi-label learning based target detecting from multi-frame data. IET Image Processing, 0, , .	2.5	4
2552	Aircraft tracking in infrared imagery with adaptive learning and interference suppression. Electronics Letters, 2021, 57, 636-638.	1.0	1
2553	CSART: Channel and spatial attention-guided residual learning for real-time object tracking. Neurocomputing, 2021, 436, 260-272.	5.9	28
2554	A Correlation Filter Tracking Algorithm Incorporating Time Information. , 2021, , .		0
2555	Vision-based Drones Tracking Using Correlation Filters and Linear Integrated Multiple Model. , 2021, , .		1
2556	Real-Time Traffic Counter Using Mobile Devices. Journal of Big Data Analytics in Transportation, 2021, 3, 109-118.	3.0	4
2557	A variable patch approach with polling mechanism for intelligent human tracking. Computers and Electrical Engineering, 2021, 91, 107127.	4.8	0
2558	Correlation filter via random-projection based CNNs features combination for visual tracking. Journal of Visual Communication and Image Representation, 2021, 77, 103082.	2.8	6
2559	Rotation adaptive correlation filter for moving object tracking in satellite videos. Neurocomputing, 2021, 438, 94-106.	5.9	28
2560	Target re-aware deep tracking based on correlation filters updated online. Pattern Analysis and Applications, 2021, 24, 1275-1286.	4.6	1
2561	Multi-Viewpoint Patterns and Occlusions Handling Using Hybrid Features for Vehicle Tracking. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
2562	Efficient activity recognition using lightweight CNN and DS-GRU network for surveillance applications. Applied Soft Computing Journal, 2021, 103, 107102.	7.2	72
2563	NOVA: Rendering Virtual Worlds with Humans for Computer Vision Tasks. Computer Graphics Forum, 2021, 40, 258-272.	3.0	6
2564	Object Tracking in Satellite Videos Based on Improved Correlation Filters. , 2021, , .		1
2565	Vehicle-mounted far-infrared pedestrian detection using multi-object tracking. Infrared Physics and Technology, 2021, 115, 103697.	2.9	8
2566	Probabilistic object tracking by low power microcontrollers. Journal of Real-Time Image Processing, 0, , 1.	3.5	0
2567	Computationally Efficient RGB-T UAV Detection and Tracking System. , 2021, , .		2
2568	SAFS: Object Tracking Algorithm Based on Self-Adaptive Feature Selection. Sensors, 2021, 21, 4030.	3.8	4
2569	Multi-Camera Tracking By Candidate Intersection Ratio Tracklet Matching. , 2021, , .		3
2570	Online parallel framework for real-time visual tracking. Engineering Applications of Artificial Intelligence, 2021, 102, 104266.	8.1	4
2571	A Kalman Filter-Based Kernelized Correlation Filter Algorithm for Pose Measurement of a Micro-Robot. Micromachines, 2021, 12, 774.	2.9	5
2572	Egocentric-View Fingertip Detection for Air Writing Based on Convolutional Neural Networks. Sensors, 2021, 21, 4382.	3.8	4
2573	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
2574	Siamese network object tracking algorithm improved on backbone. , 2021, , .		0
2575	Enhancing spatial perception through sound: mapping human movements into MIDI. Multimedia Tools and Applications, 2022, 81, 73-94.	3.9	8
2576	Target tracking based on standard hedging and feature fusion for robot. Industrial Robot, 2021, 48, 659-672.	2.1	1
2577	Identity recognition on waterways: a novel ship information tracking method based on multimodal data. Journal of Navigation, 2021, 74, 1336-1352.	1.7	10
2578	Scale-Adaptive Kernel Correlation Filter with Maximum Posterior Probability Estimation and Combined Features for Visual Target Tracking. IEEE Transactions on Electrical and Electronic Engineering, 2021, 16, 1076-1085.	1.4	2
2579	Vision-Based Guidance for Tracking Dynamic Objects. , 2021, , .		6

#	ARTICLE	IF	CITATIONS
2580	Robotic Computing on FPGAs. Synthesis Lectures on Computer Architecture, 2021, 16, 1-218.	1.3	7
2581	A real-time multi-vehicle tracking framework in intelligent vehicular networks. China Communications, 2021, 18, 89-99.	3.2	4
2582	A real-time, continuous pedestrian tracking and positioning method with multiple coordinated overhead-view cameras. Measurement: Journal of the International Measurement Confederation, 2021, 178, 109386.	5.0	8
2583	Real-time embedded object detection and tracking system in Zynq SoC. Eurasip Journal on Image and Video Processing, 2021, 2021, .	2.6	12
2584	Research on Target Tracking Problem of Fixed Scene Video Surveillance Based on Unlabeled Data. , 2021, , .		1
2585	A Laser Spot Tracking Algorithm for Underwater Wireless Optical Communication Based on Image Processing. , 2021, , .		2
2586	Real-Time Multiple Object Visual Tracking for Embedded GPU Systems. IEEE Internet of Things Journal, 2021, 8, 9177-9188.	8.7	16
2587	A Weight-adaptive Algorithm of Multi Feature Fusion based on Kernel Correlation Filtering for Target Tracking. , 2021, , .		1
2588	A Framework of Cooperative UAV-UGV System for Target Tracking. , 2021, , .		3
2589	Svrat: A Skeleton-Based Intelligent Monitoring System for Violence Recognition and Abuser Tracking. , 2021, , .		1
2590	MultiRPN-DIDNet: Multiple RPNs and Distance-IoU Discriminative Network for Real-Time UAV Target Tracking. Remote Sensing, 2021, 13, 2772.	4.0	5
2591	Visual Tracking Control of Cable-Driven Hyper-Redundant Snake-Like Manipulator. Applied Sciences (Switzerland), 2021, 11, 6224.	2.5	3
2592	SiamDA: Dual attention Siamese network for real-time visual tracking. Signal Processing: Image Communication, 2021, 95, 116293.	3.2	6
2593	Light-weight UAV object tracking network based on strategy gradient and attention mechanism. Knowledge-Based Systems, 2021, 224, 107071.	7.1	12
2594	Learning Online for Unified Segmentation and Tracking Models. , 2021, , .		3
2595	Face Tracking via Content Aware Correlation Filter. International Journal of Circuits, Systems and Signal Processing, 2021, 15, 677-689.	0.3	0
2596	Learning adaptive updating siamese network for visual tracking. Multimedia Tools and Applications, 2021, 80, 29849-29873.	3.9	2
2597	Aberrance suppressed spatio-temporal correlation filters for visual object tracking. Pattern Recognition, 2021, 115, 107922.	8.1	32

#	ARTICLE	IF	CITATIONS
2598	Deep Correlation Filters for Robust Visual Tracking. , 2021, , .		1
2599	Deepmix: Online Auto Data Augmentation for Robust Visual Object Tracking. , 2021, , .		6
2600	Correlation Tracking via Mask and Multi-peaks Re-prediction. , 2021, , .		1
2601	Topic-based Video Analysis. ACM Computing Surveys, 2022, 54, 1-34.	23.0	2
2602	Meta-Graph Adaptation for Visual Object Tracking. , 2021, , .		2
2603	Learning the Incremental Warp for 3D Vehicle Tracking in LiDAR Point Clouds. Remote Sensing, 2021, 13, 2770.	4.0	3
2604	ATCC: Accurate tracking by criss-cross location attention. Image and Vision Computing, 2021, 111, 104188.	4.5	5
2605	Efficient Parameter Based Online Object Tracking. , 2021, , .		1
2606	Siamese Guided Anchoring Network for Visual Tracking. , 2021, , .		1
2607	DeepSCT: Deep Learning Based Self Correcting Object Tracking Mechanism. , 2021, , .		1
2608	Real-Time Surveillance System for Analyzing Abnormal Behavior of Pedestrians. Applied Sciences (Switzerland), 2021, 11, 6153.	2.5	9
2609	Visual object tracking using Fourier domain phase information. Signal, Image and Video Processing, 2022, 16, 119-126.	2.7	4
2610	A novel kernelized correlation filter by fusing multiple feature response maps, enhanced target re-detection, and improved model updating for visual tracking. Visual Computer, 0, , 1.	3.5	0
2611	Augmenting Discriminative Correlation Filters with Stereo Blob Tracking for Long-Term Tracking of Underwater Animals. , 2021, , .		0
2612	Using synthetic data for person tracking under adverse weather conditions. Image and Vision Computing, 2021, 111, 104187.	4.5	10
2613	Application of Detection and Correlation Filter in Long-Term Vehicle Tracking. , 2021, , .		0
2614	Anno-Mate: Humanâ€“Machine Collaboration Features for Fast Annotation. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2021, 25, 404-409.	0.9	0
2615	Accurate Aspect Ratio Estimation in Scale Adaptive Tracking. Journal of Physics: Conference Series, 2021, 1971, 012054.	0.4	0

#	ARTICLE	IF	CITATIONS
2616	Object Tracking Algorithm Based on Margin Feature Fusion. , 2021, , .		0
2617	A survey on applications of deep learning in microscopy image analysis. Computers in Biology and Medicine, 2021, 134, 104523.	7.0	69
2618	Spatially Constrained Context-Aware Hierarchical Deep Correlation Filters for Nucleus Detection in Histology Images. Medical Image Analysis, 2021, 72, 102104.	11.6	11
2619	Structure-PoseNet for identification of dense dynamic displacement and three-dimensional poses of structures using a monocular camera. Computer-Aided Civil and Infrastructure Engineering, 2022, 37, 704-725.	9.8	22
2620	Extracting Key Traffic Parameters from UAV Video with On-Board Vehicle Data Validation. Sensors, 2021, 21, 5620.	3.8	7
2621	HDINet: Hierarchical Dual-Sensor Interaction Network for RGB-T Tracking. IEEE Sensors Journal, 2021, 21, 16915-16926.	4.7	20
2622	AEVRNet: Adaptive exploration network with variance reduced optimization for visual tracking. Neurocomputing, 2021, 449, 48-60.	5.9	3
2623	Channel Exchanging for RGB-T Tracking. Sensors, 2021, 21, 5800.	3.8	2
2624	Efficient face detection and tracking in video sequences based on deep learning. Information Sciences, 2021, 568, 265-285.	6.9	19
2625	Joint feature embedding learning and correlation filters for aircraft tracking with infrared imagery. Neurocomputing, 2021, 450, 104-118.	5.9	6
2626	Aerial Infrared Object Tracking via an improved Long-term Correlation Filter with optical flow estimation and SURF matching. Infrared Physics and Technology, 2021, 116, 103790.	2.9	7
2627	New Object Tracker Based On Adaptive Intensity Models of Object and Its Surroundings. , 0, , .		0
2628	Enhanced Real-Time RGB-T Tracking by Complementary Learners. Journal of Circuits, Systems and Computers, 2021, 30, 2150307.	1.5	2
2629	High-performance UAVs visual tracking based on siamese network. Visual Computer, 2022, 38, 2107-2123.	3.5	9
2630	Online-adaptive classification and regression network with sample-efficient meta learning for long-term tracking. Image and Vision Computing, 2021, 112, 104181.	4.5	5
2631	Structured object tracking with discriminative patch attributed relational graph. Knowledge-Based Systems, 2021, 225, 107097.	7.1	1
2632	An Improved Discriminative Model Prediction Approach to Real-Time Tracking of Objects With Camera as Sensors. IEEE Sensors Journal, 2021, 21, 17308-17317.	4.7	14
2633	A Digital Microscreen for the Enhanced Appearance of Ocular Prosthetic Motility (an American) Tj ETQq1 1 0.784314.rgBT /Oyerklock 10	3.3	2

#	ARTICLE	IF	CITATIONS
2634	Disruptor-Aware Interval-Based Response Inconsistency for Correlation Filters in Real-Time Aerial Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6301-6313.	6.3	25
2635	Visual tracking via dynamic saliency discriminative correlation filter. Applied Intelligence, 2022, 52, 5897-5911.	5.3	16
2636	Mutual Learning and Feature Fusion Siamese Networks for Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3154-3167.	8.3	21
2637	DA-SACOT: Domain adaptive-segmentation guided attention for correlation based object tracking. Image and Vision Computing, 2021, 112, 104215.	4.5	5
2638	An End-to-End Autofocus Camera for Iris on the Move. , 2021, , .		3
2639	An eye tracking based virtual reality system for use inside magnetic resonance imaging systems. Scientific Reports, 2021, 11, 16301.	3.3	21
2640	Water Surface Targets Recognition and Tracking Based on Improved YOLO and KCF Algorithms. , 2021, , .		2
2641	Visual Object Tracking Method of Spatio-temporal Context Learning with Scale Variation. IFMBE Proceedings, 2022, , 733-742.	0.3	0
2642	Light regression memory and multi-perspective object special proposals for abrupt motion tracking. Knowledge-Based Systems, 2021, 226, 107127.	7.1	5
2643	Distractor-Aware Tracker with a Domain-Special Optimized Benchmark for Soccer Player Tracking. , 2021, , .		2
2644	Robust Object Tracking Algorithm for Autonomous Vehicles in Complex Scenes. Remote Sensing, 2021, 13, 3234.	4.0	11
2645	An Enhanced Visual Attention Siamese Network That Updates Template Features Online. Security and Communication Networks, 2021, 2021, 1-19.	1.5	1
2646	Multi-domain collaborative feature representation for robust visual object tracking. Visual Computer, 2021, 37, 2671-2683.	3.5	7
2647	A novel domain activation mapping-guided network (DA-GNT) for visual tracking. Neurocomputing, 2021, 449, 443-454.	5.9	2
2648	Optical Hemodynamic Imaging of Jugular Venous Dynamics During Altered Central Venous Pressure. IEEE Transactions on Biomedical Engineering, 2021, 68, 2582-2591.	4.2	5
2649	Visual MAV Tracker with Adaptive Search Region. Applied Sciences (Switzerland), 2021, 11, 7741.	2.5	2
2650	Dynamic Target Tracking and Ingressing of a Small UAV Using Monocular Sensor Based on the Geometric Constraints. Electronics (Switzerland), 2021, 10, 1931.	3.1	5
2651	Learning dual-margin model for visual tracking. Neural Networks, 2021, 140, 344-354.	5.9	16

#	ARTICLE	IF	CITATIONS
2652	Correlation filters with adaptive convolution response fusion for object tracking. Knowledge-Based Systems, 2021, 228, 107314.	7.1	13
2653	Robust Visual Object Tracking with Spatiotemporal Regularisation and Discriminative Occlusion Deformation. , 2021, , .		2
2654	Multi-Task Occlusion Learning for Real-Time Visual Object Tracking. , 2021, , .		3
2655	Adaptive Multi-Feature Fusion for Robust Object Tracking. , 2021, , .		1
2656	Tracking based on scale-estimated deep networks with hierarchical correlation ensembling for cross-media understanding. Displays, 2021, 69, 102055.	3.7	4
2657	MP-LN: motion state prediction and localization network for visual object tracking. Visual Computer, 2022, 38, 4291-4306.	3.5	5
2658	Optical Tracking System for Multi-UAV Clustering. IEEE Sensors Journal, 2021, 21, 19382-19394.	4.7	4
2659	Vision-based target point tracking and aiming method. Industrial Robot, 2021, ahead-of-print, .	2.1	0
2660	Real-time stage-wise object tracking in traffic scenes: an online tracker selection method via deep reinforcement learning. Neural Computing and Applications, 2021, 33, 16831.	5.6	2
2661	Distractor-aware visual tracking using hierarchical correlation filters adaptive selection. Applied Intelligence, 2022, 52, 6129-6147.	5.3	30
2662	Adaptive Spatial-Temporal Regularization for Correlation Filters Based Visual Object Tracking. Symmetry, 2021, 13, 1665.	2.2	2
2663	Real-Time Adaptive Object Detection and Tracking for Autonomous Vehicles. IEEE Transactions on Intelligent Vehicles, 2021, 6, 450-459.	12.7	26
2664	A Cyclic Informationâ€Interaction Model for Remote Sensing Image Segmentation. Remote Sensing, 2021, 13, 3871.	4.0	3
2665	Trajectory prediction and tracking using a multi-behaviour social particle filter. Applied Intelligence, 2022, 52, 7158-7200.	5.3	11
2666	A Coarse-to-Fine Object Tracking Based on Attention Mechanism. Journal of Physics: Conference Series, 2021, 2010, 012005.	0.4	0
2667	Correlation Filters Based on Strong Spatio-Temporal for Robust RGB-T Tracking. Journal of Circuits, Systems and Computers, 2022, 31, .	1.5	1
2668	Research on Target Tracking Algorithm Based on Correlation Filtering. Journal of Physics: Conference Series, 2021, 2024, 012043.	0.4	1
2669	Single-scale siamese network based RGB-D object tracking with adaptive bounding boxes. Neurocomputing, 2021, 451, 192-204.	5.9	7

#	ARTICLE	IF	CITATIONS
2670	Variable scale learning for visual object tracking. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 3315-3330.	4.9	3
2671	Recent advances of single-object tracking methods: A brief survey. Neurocomputing, 2021, 455, 1-11.	5.9	36
2672	Environmental Perception with Spatial Regularization Correlation Filter for Visual Tracking. Displays, 2021, 70, 102098.	3.7	0
2673	Semi-supervised learning approach for malicious URL detection via adversarial learning ¹ . Journal of Intelligent and Fuzzy Systems, 2021, 41, 3083-3092.	1.4	0
2674	Using video-analysis technology to estimate social mixing and simulate influenza transmission at a mass gathering. Epidemics, 2021, 36, 100466.	3.0	5
2675	Grounding-Tracking-Integration. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3433-3443.	8.3	13
2676	Deep reinforcement learning in computer vision: a comprehensive survey. Artificial Intelligence Review, 2022, 55, 2733-2819.	15.7	63
2677	Target tracking algorithm based on a broad learning system. Science China Information Sciences, 2022, 65, 1.	4.3	6
2678	Correlation filter tracking based on multi-peak detection and adaptive coefficient. , 2021, , .		0
2679	Towards accurate estimation for visual object tracking with multi-hierarchy feature aggregation. Neurocomputing, 2021, 451, 252-264.	5.9	2
2680	Robust Tracking For Motion Blur Via Context Enhancement. , 2021, , .		3
2681	UAV detection in airborne optic videos using dilated convolutions. Journal of Optics (India), 2021, 50, 569-582.	1.7	5
2682	Learning spatial-channel regularization jointly with correlation filter for visual tracking. Neurocomputing, 2021, 453, 839-852.	5.9	1
2683	Intelligent Trigonometric Particle Filter for visual tracking. ISA Transactions, 2022, 128, 460-476.	5.7	9
2684	Spatio-temporal joint aberrance suppressed correlation filter for visual tracking. Complex & Intelligent Systems, 2022, 8, 3765-3777.	6.5	8
2685	Class agnostic moving target detection by color and location prediction of moving area. Optik, 2021, 251, 168002.	2.9	0
2686	Non-Contact Oxygen Saturation Measurement Using YCgCr Color Space with an RGB Camera. Sensors, 2021, 21, 6120.	3.8	17
2687	Turkey Behavior Identification Using Video Analytics And Object Tracking. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
2688	Adversarial Optimization Scheme For Online Tracking Model Adaptation In Autonomous Systems. , 2021, , .		0
2689	Recent developments on target tracking problems: A review. Ocean Engineering, 2021, 236, 109558.	4.3	44
2690	Learning Spatialâ€Temporal Background-Aware Based Tracking. Applied Sciences (Switzerland), 2021, 11, 8427.	2.5	1
2691	Development of a Peripheralâ€Central Vision System for Small Unmanned Aircraft Tracking. Journal of Aerospace Information Systems, 2021, 18, 645-658.	1.4	3
2692	FairMOT: On the Fairness of Detection and Re-identification in Multiple Object Tracking. International Journal of Computer Vision, 2021, 129, 3069-3087.	15.6	583
2693	Structural pixel-wise target attention for robust object tracking. , 2021, 117, 103139.		9
2694	Siamese Visual Tracking with Dual-Pipeline Correlated Fusion Network. IEICE Transactions on Information and Systems, 2021, E104.D, 1702-1711.	0.7	0
2695	Visual tracking for UAV using adaptive spatio-temporal regularized correlation filters. Applied Intelligence, 2022, 52, 7566-7581.	5.3	2
2696	Shape constraint function for artery tracking in ultrasound images. Computerized Medical Imaging and Graphics, 2021, 93, 101970.	5.8	1
2697	A multi-resolution deep feature framework for dynamic displacement measurement of bridges using vision-based tracking system. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109847.	5.0	22
2698	Robust visual object tracking using context-based spatial variation via multi-feature fusion. Information Sciences, 2021, 577, 467-482.	6.9	19
2699	IoU-guided Siamese region proposal network for real-time visual tracking. Neurocomputing, 2021, 462, 544-554.	5.9	10
2700	A neonatal dataset and benchmark for non-contact neonatal heart rate monitoring based on spatio-temporal neural networks. Engineering Applications of Artificial Intelligence, 2021, 106, 104447.	8.1	21
2701	Wall effect on the rheology of short-fiber suspensions under shear. Journal of Rheology, 2021, 65, 1169-1185.	2.6	9
2702	Subspace reconstruction based correlation filter for object tracking. Computer Vision and Image Understanding, 2021, 212, 103272.	4.7	3
2703	Detectorâ€tracker integration framework and attention mechanism for multiâ€object tracking. Neurocomputing, 2021, 464, 450-461.	5.9	3
2704	2D vision-based tracking algorithm for general space non-cooperative objects. Acta Astronautica, 2021, 188, 193-202.	3.2	5
2705	Anti-interference small target tracking from infrared dual waveband imagery. Infrared Physics and Technology, 2021, 118, 103882.	2.9	9

#	ARTICLE	IF	CITATIONS
2706	Infrared maritime target tracking via correlation filter with adaptive context-awareness and spatial regularization. Infrared Physics and Technology, 2021, 118, 103907.	2.9	2
2707	Deep-learning-based visual data analytics for smart construction management. Automation in Construction, 2021, 131, 103892.	9.8	38
2708	Damage inspection for road markings based on images with hierarchical semantic segmentation strategy and dynamic homography estimation. Automation in Construction, 2021, 131, 103876.	9.8	11
2709	TGAN: A simple model update strategy for visual tracking via template-guidance attention network. Neural Networks, 2021, 144, 61-74.	5.9	4
2710	An acceleration method for correlation-based high-speed object tracking. Measurement: Sensors, 2021, 18, 100258.	1.7	1
2711	Dynamic and reliable subtask tracker with general Schatten ℓ_p -norm regularization. Pattern Recognition, 2021, 120, 108129.	8.1	4
2712	Automatic multi-plaque tracking and segmentation in ultrasonic videos. Medical Image Analysis, 2021, 74, 102201.	11.6	12
2713	Robotic seam tracking system combining convolution filter and deep reinforcement learning. Mechanical Systems and Signal Processing, 2022, 165, 108372.	8.0	28
2714	Learning object-uncertainty policy for visual tracking. Information Sciences, 2022, 582, 60-72.	6.9	17
2715	Local Context Attention for Salient Object Segmentation. Lecture Notes in Computer Science, 2021, , 706-722.	1.3	2
2716	An improved object tracking algorithm based on adaptive weighted strategy and occlusion detection mechanism. Journal of Algorithms and Computational Technology, 2021, 15, 174830262097353.	0.7	4
2717	Efficient and Practical Correlation Filter Tracking. Sensors, 2021, 21, 790.	3.8	2
2718	RGBT Tracking by Trident Fusion Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 579-592.	8.3	31
2719	A Robust and Automatic Recognition Method of Pointer Instruments in Power System. Lecture Notes in Computer Science, 2021, , 223-237.	1.3	0
2720	Online dual dictionary learning for visual object tracking. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	2
2721	Kalman Filter for Spatial-Temporal Regularized Correlation Filters. IEEE Transactions on Image Processing, 2021, 30, 3263-3278.	9.8	19
2722	Adaptive Fusion CNN Features for RGBT Object Tracking. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7831-7840.	8.0	13
2723	Deep Convolutional Likelihood Particle Filter for Visual Tracking. Transactions on Computational Science and Computational Intelligence, 2021, , 27-38.	0.3	2

#	ARTICLE	IF	CITATIONS
2724	Learning Adaptive Target-and-Surrounding Soft Mask for Correlation Filter Based Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3708-3721.	8.3	1
2725	MART: Motion-Aware Recurrent Neural Network for Robust Visual Tracking. , 2021, , .		1
2726	Infrared Pedestrian Tracking with Graph Memory Features. IEEE Signal Processing Letters, 2021, , 1-1.	3.6	0
2727	Remote Sensing Object Tracking With Deep Reinforcement Learning Under Occlusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	14
2728	Robust Online Tracking via Contrastive Spatio-Temporal Aware Network. IEEE Transactions on Image Processing, 2021, 30, 1989-2002.	9.8	12
2729	LSNT: A Lightweight Siamese Network Based Tracker. Lecture Notes in Computer Science, 2021, , 635-646.	1.3	0
2730	LDPolypVideo Benchmark: A Large-Scale Colonoscopy Video Dataset of Diverse Polyps. Lecture Notes in Computer Science, 2021, , 387-396.	1.3	31
2731	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
2733	Hierarchical Convolution Fusion-Based Adaptive Siamese Network for Infrared Target Tracking. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	8
2734	Open-source Software for Determining the Dynamic Areas of Interest for Eye Tracking Data Analysis. Procedia Computer Science, 2021, 192, 2568-2575.	2.0	5
2735	Bilateral Weighted Regression Ranking Model With Spatial-Temporal Correlation Filter for Visual Tracking. IEEE Transactions on Multimedia, 2022, 24, 2098-2111.	7.2	15
2736	Comprehensive Underwater Object Tracking Benchmark Dataset and Underwater Image Enhancement With GAN. IEEE Journal of Oceanic Engineering, 2022, 47, 59-75.	3.8	38
2737	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
2738	A target tracking algorithm based on ship exhaust. IOP Conference Series: Earth and Environmental Science, 0, 621, 012089.	0.3	1
2739	Multiple objects tracking in the UAV system based on hierarchical deep high-resolution network. Multimedia Tools and Applications, 2021, 80, 13911-13929.	3.9	13
2740	Learning Diverse Models for End-to-End Ensemble Tracking. IEEE Transactions on Image Processing, 2021, 30, 2220-2231.	9.8	1
2741	Single-Object Tracking Algorithm Based on Two-Step Spatiotemporal Deep Feature Fusion in a Complex Surveillance Scenario. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	5
2742	Real-time long-term tracking with reliability assessment and object recovery. IET Image Processing, 2021, 15, 918-935.	2.5	0

#	ARTICLE	IF	CITATIONS
2743	Two-Step Affine Transformation Prediction for Visual Object Tracking. IEEE Access, 2021, 9, 36512-36521.	4.2	4
2744	Dynamic Attention Guided Multi-Trajectory Analysis for Single Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4895-4908.	8.3	34
2745	Inception single shot multi-box detector with affinity propagation clustering and their application in multi-class vehicle counting. Applied Intelligence, 2021, 51, 4714-4729.	5.3	7
2746	Acousto-Pi: An Opto-Acoustofluidic System Using Surface Acoustic Waves Controlled With Open-Source Electronics for Integrated In-Field Diagnostics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 411-422.	3.0	4
2747	Research on Visual Tracking Algorithm Based on Peak Sidelobe Ratio. IEEE Access, 2021, 9, 105318-105326.	4.2	3
2748	An End-to-End Dehazing Siamese Region Proposal Network for High Robustness Object Tracking. IEEE Access, 2021, , 1-1.	4.2	6
2749	TSDM: Tracking by SiamRPN++ with a Depth-refiner and a Mask-generator. , 2021, , .		6
2750	Fast Target Tracking Based on Improved Deep Sort and YOLOv3 Fusion Algorithm. Communications in Computer and Information Science, 2021, , 360-369.	0.5	5
2751	MAT: Multianchor Visual Tracking With Selective Search Region. IEEE Transactions on Cybernetics, 2022, 52, 7136-7150.	9.5	3
2752	SiamATL: Online Update of Siamese Tracking Network via Attentional Transfer Learning. IEEE Transactions on Cybernetics, 2022, 52, 7527-7540.	9.5	17
2753	Visual Tracking via Spatially Aligned Correlation Filters Network. Lecture Notes in Computer Science, 2018, , 484-500.	1.3	35
2754	Meta-tracker: Fast and Robust Online Adaptation for Visual Object Trackers. Lecture Notes in Computer Science, 2018, , 587-604.	1.3	103
2755	Long-Term Tracking in the Wild: A Benchmark. Lecture Notes in Computer Science, 2018, , 692-707.	1.3	89
2756	Learning Dynamic Memory Networks for Object Tracking. Lecture Notes in Computer Science, 2018, , 153-169.	1.3	158
2757	Joint Representation and Truncated Inference Learning for Correlation Filter Based Tracking. Lecture Notes in Computer Science, 2018, , 560-575.	1.3	27
2758	Deep Reinforcement Learning with Iterative Shift for Visual Tracking. Lecture Notes in Computer Science, 2018, , 697-713.	1.3	44
2759	ReenactGAN: Learning to Reenact Faces via Boundary Transfer. Lecture Notes in Computer Science, 2018, , 622-638.	1.3	103
2760	The Unmanned Aerial Vehicle Benchmark: Object Detection and Tracking. Lecture Notes in Computer Science, 2018, , 375-391.	1.3	299

#	ARTICLE	IF	CITATIONS
2761	Video Object Segmentation by Learning Location-Sensitive Embeddings. Lecture Notes in Computer Science, 2018, , 524-539.	1.3	34
2762	Triplet Loss in Siamese Network for Object Tracking. Lecture Notes in Computer Science, 2018, , 472-488.	1.3	342
2763	Cross-Modal Ranking with Soft Consistency and Noisy Labels for Robust RGB-T Tracking. Lecture Notes in Computer Science, 2018, , 831-847.	1.3	84
2765	DensSiam: End-to-End Densely-Siamese Network with Self-Attention Model for Object Tracking. Lecture Notes in Computer Science, 2018, , 463-473.	1.3	31
2766	Convolutional Adaptive Particle Filter with Multiple Models for Visual Tracking. Lecture Notes in Computer Science, 2018, , 474-486.	1.3	3
2767	Long-Term Object Tracking Method Based on Dimensionality Reduction. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 529-536.	0.3	2
2768	Long-Term Visual Object Tracking Benchmark. Lecture Notes in Computer Science, 2019, , 629-645.	1.3	15
2769	Development of Real-Time ADAS Object Detector for Deployment on CPU. Advances in Intelligent Systems and Computing, 2020, , 740-750.	0.6	6
2770	Learning Attention Regularization Correlation Filter for Visual Tracking. Lecture Notes in Computer Science, 2019, , 74-85.	1.3	1
2771	Discriminative Correlation Filter Network for Robust Landmark Tracking in Ultrasound Guided Intervention. Lecture Notes in Computer Science, 2019, , 646-654.	1.3	9
2772	Autonomous Drone Cinematographer: Using Artistic Principles to Create Smooth, Safe, Occlusion-Free Trajectories for Aerial Filming. Springer Proceedings in Advanced Robotics, 2020, , 119-129.	1.3	13
2773	Online Multi-object Tracking Using Single Object Tracker and Markov Clustering. Lecture Notes in Computer Science, 2019, , 555-567.	1.3	1
2774	Hierarchical Convolution Feature for Target Tracking with Kernel-Correlation Filtering. Lecture Notes in Computer Science, 2019, , 297-306.	1.3	1
2775	TA-CFNet: A New CFNet with Target Aware for Object Tracking. Lecture Notes in Computer Science, 2019, , 618-630.	1.3	1
2776	Multipath Based Correlation Filter for Visual Object Tracking. Lecture Notes in Computer Science, 2019, , 490-498.	1.3	1
2777	Image-Assisted Discrimination Method for Neurodevelopmental Disorders in Infants Based on Multi-feature Fusion and Ensemble Learning. Lecture Notes in Computer Science, 2019, , 105-114.	1.3	3
2778	Real-Time Embedded Person Detection and Tracking for Shopping Behaviour Analysis. Lecture Notes in Computer Science, 2020, , 541-553.	1.3	1
2779	PG-Net: Pixel to Global Matching Network for Visual Tracking. Lecture Notes in Computer Science, 2020, , 429-444.	1.3	48

#	ARTICLE	IF	CITATIONS
2780	CLNet: A Compact Latent Network for Fast Adjusting Siamese Trackers. Lecture Notes in Computer Science, 2020, , 378-395.	1.3	56
2781	Know Your Surroundings: Exploiting Scene Information for Object Tracking. Lecture Notes in Computer Science, 2020, , 205-221.	1.3	151
2782	Coarse-to-Fine Object Tracking Using Deep Features and Correlation Filters. Lecture Notes in Computer Science, 2020, , 517-529.	1.3	3
2783	A Scale Adaptive Kernel Correlation Filter Tracker with Feature Integration. Lecture Notes in Computer Science, 2015, , 254-265.	1.3	555
2784	High-Speed Hand Tracking for Studying Human-Computer Interaction. Lecture Notes in Computer Science, 2015, , 130-141.	1.3	6
2786	Tracking a Human Fast and Reliably Against Occlusion and Human-Crossing. Lecture Notes in Computer Science, 2016, , 461-472.	1.3	1
2787	Unsupervised Learning of Visual Representations by Solving Jigsaw Puzzles. Lecture Notes in Computer Science, 2016, , 69-84.	1.3	964
2788	Incremental Robust Nonnegative Matrix Factorization for Object Tracking. Lecture Notes in Computer Science, 2016, , 611-619.	1.3	6
2789	The Thermal Infrared Visual Object Tracking VOT-TIR2016 Challenge Results. Lecture Notes in Computer Science, 2016, , 824-849.	1.3	32
2790	Adaptive Multi-class Correlation Filters. Lecture Notes in Computer Science, 2016, , 680-688.	1.3	3
2791	Object-Centric Representation Learning from Unlabeled Videos. Lecture Notes in Computer Science, 2017, , 248-263.	1.3	7
2792	Subpixel-Precise Tracking of Rigid Objects in Real-Time. Lecture Notes in Computer Science, 2017, , 54-65.	1.3	6
2793	Mixing Hough and Color Histogram Models for Accurate Real-Time Object Tracking. Lecture Notes in Computer Science, 2017, , 43-54.	1.3	3
2794	Measuring the Accuracy of Object Detectors and Trackers. Lecture Notes in Computer Science, 2017, , 415-426.	1.3	5
2795	Online Vehicle Tracking in Aerial Imagery. Lecture Notes in Computer Science, 2017, , 335-345.	1.3	2
2796	Generic Pixel Level Object Tracker Using Bi-Channel Fully Convolutional Network. Lecture Notes in Computer Science, 2017, , 666-676.	1.3	5
2797	Robust Visual Tracking via Occlusion Detection Based on Depth-Layer Information. Lecture Notes in Computer Science, 2017, , 44-53.	1.3	6
2798	Correlation Based Identity Filter: An Efficient Framework for Person Search. Lecture Notes in Computer Science, 2017, , 250-261.	1.3	2

#	ARTICLE	IF	CITATIONS
2799	An Online Approach for Gesture Recognition Toward Real-World Applications. Lecture Notes in Computer Science, 2017, , 262-272.	1.3	7
2800	TCCF: Tracking Based on Convolutional Neural Network and Correlation Filters. Lecture Notes in Computer Science, 2017, , 316-327.	1.3	3
2802	Cooperative Video-Surveillance Framework in Internet of Things (IoT) Domain. Internet of Things, 2019, , 305-331.	1.7	6
2803	Adaptive Multi-feature Fusion for Correlation Filter Tracking. Lecture Notes in Electrical Engineering, 2019, , 1057-1066.	0.4	1
2804	MHAD: Multi-Human Action Dataset. Advances in Intelligent Systems and Computing, 2020, , 333-341.	0.6	4
2805	Accurate and robust tracking of rigid objects in real time. Journal of Real-Time Image Processing, 2021, 18, 493-510.	3.5	6
2806	Visual object tracking based on residual network and cascaded correlation filters. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 8427-8440.	4.9	141
2807	Vision-based Object Tracking in Marine Environments using Features from Neural Network Detections. IFAC-PapersOnLine, 2020, 53, 14517-14523.	0.9	9
2808	Robust discriminative tracking via structured prior regularization. Image and Vision Computing, 2018, 69, 68-80.	4.5	3
2809	Dense convolutional feature histograms for robust visual object tracking. Image and Vision Computing, 2020, 99, 103933.	4.5	15
2810	Object fusion tracking based on visible and infrared images: A comprehensive review. Information Fusion, 2020, 63, 166-187.	19.1	99
2811	Siamese attentional keypoint network for high performance visual tracking. Knowledge-Based Systems, 2020, 193, 105448.	7.1	72
2812	Reliability of response region: A novel mechanism in visual tracking by edge computing for IIoT environments. Mechanical Systems and Signal Processing, 2020, 138, 106537.	8.0	98
2813	Visual multiple-object tracking for unknown clutter rate. IET Computer Vision, 2018, 12, 728-734.	2.0	7
2814	Dual-scale weighted structural local sparse appearance model for object tracking. IET Computer Vision, 2019, 13, 146-156.	2.0	4
2815	Long-term adaptive tracking via complementary trackers. IET Image Processing, 2019, 13, 1569-1577.	2.5	1
2816	Truck active reversing control strategy based on modified particle filter and multi-sensors environment perception. IET Intelligent Transport Systems, 2019, 13, 1057-1068.	3.0	5
2817	Paralleled attention modules and adaptive focal loss for Siamese visual tracking. IET Image Processing, 2021, 15, 1345-1358.	2.5	4

#	ARTICLE	IF	CITATIONS
2818	Object tracking on event cameras with offline“online learning. CAAI Transactions on Intelligence Technology, 2020, 5, 165-171.	8.1	49
2819	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
2821	Monocular Long-Term Target Following on UAVs. , 2016, , .		25
2822	AutoTrack: Interactive Visual Object Tracking for Efficient Object Annotations. , 2020, , .		1
2823	An Automatic Object Detection and Tracking Method Based on Video Surveillance. , 2020, , .		4
2824	Augmented Memory for Correlation Filters in Real-Time UAV Tracking. , 2020, , .		22
2825	Towards Robust Visual Tracking for Unmanned Aerial Vehicle with Tri-Attentional Correlation Filters. , 2020, , .		8
2826	Deep Siamese Cross-Residual Learning for Robust Visual Tracking. IEEE Internet of Things Journal, 2021, 8, 15216-15227.	8.7	7
2827	Building the Computing System for Autonomous Micromobility Vehicles: Design Constraints and Architectural Optimizations. , 2020, , .		42
2828	Multi-Drone-Based Single Object Tracking With Agent Sharing Network. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4058-4070.	8.3	23
2829	Material Based Object Tracking in Hyperspectral Videos. IEEE Transactions on Image Processing, 2020, 29, 3719-3733.	9.8	131
2830	Deep Object Tracking with Shrinkage Loss. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	13.9	41
2831	Decontaminate feature for tracking: adaptive tracking via evolutionary feature subset. Journal of Electronic Imaging, 2017, 26, 1.	0.9	2
2832	Robust visual tracking based on deep convolutional neural networks and kernelized correlation filters. Journal of Electronic Imaging, 2018, 27, 1.	0.9	8
2833	Robust visual tracking using a contextual boosting approach. Journal of Electronic Imaging, 2018, 27, 1.	0.9	2
2834	Real-time unmanned aerial vehicle tracking of fast moving small target on ground. Journal of Electronic Imaging, 2018, 27, 1.	0.9	10
2835	Long-term visual tracking based on adaptive correlation filters. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
2836	Online single and multiple analysis dictionary learning-based approach for visual object tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	1

#	ARTICLE	IF	CITATIONS
2837	Correlation filter-based visual tracking via holistic and reliable local parts. Journal of Electronic Imaging, 2019, 28, 1.	0.9	4
2838	Airborne visual tracking and reidentification system. Journal of Electronic Imaging, 2019, 28, 1.	0.9	2
2839	Learning large margin support correlation filter for visual tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	2
2840	Adaptive spatially regularized correlation filter tracking via level set segmentation. Journal of Electronic Imaging, 2019, 28, 1.	0.9	2
2841	Learning passiveâ€“aggressive correlation filter for long-term and short-term visual tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	21
2842	Real-time long-term correlation tracking by single-shot multibox detection. Optical Engineering, 2019, 58, 1.	1.0	5
2843	A complementary tracking model with multiple features. , 2018, , .		3
2844	A convolutional neural network based 3D ball tracking by detection in soccer videos. , 2019, , .		1
2845	Learning a Twofold Siamese Network for RGB-T Object Tracking. Journal of Circuits, Systems and Computers, 2021, 30, 2150089.	1.5	3
2846	Temporal Matching Kernel with Explicit Feature Maps. , 2015, , .		25
2847	Object Trajectory Proposal via Hierarchical Volume Grouping. , 2018, , .		4
2848	Applying Computer Vision to Track Tool Movement in an Automotive Assembly Plant. , 2019, , .		6
2849	MIRIS: Fast Object Track Queries in Video. , 2020, , .		32
2850	Robust Visual Tracking via Statistical Positive Sample Generation and Gradient Aware Learning. , 2019, , .		2
2851	ApproxDet. , 2020, , .		23
2852	Server-Driven Video Streaming for Deep Learning Inference. , 2020, , .		93
2853	LSOTB-TIR: A Large-Scale High-Diversity Thermal Infrared Object Tracking Benchmark. , 2020, , .		41
2854	Cost-effective, Energy-efficient, and Scalable Storage Computing for Large-scale AI Applications. ACM Transactions on Storage, 2020, 16, 1-37.	2.1	22

#	ARTICLE	IF	CITATIONS
2855	MFCFSiam: A Correlation-Filter-Guided Siamese Network with Multifeature for Visual Tracking. Wireless Communications and Mobile Computing, 2020, 2020, 1-19.	1.2	2
2856	Target tracking algorithm combined part-based and redetection for UAV. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	3
2857	Hybridizing extended ant lion optimizer with sine cosine algorithm approach for abrupt motion tracking. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	9
2858	A scale-adaptive object-tracking algorithm with occlusion detection. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	47
2859	Robust seam tracking via a deep learning framework combining tracking and detection. Applied Optics, 2020, 59, 4321.	1.8	20
2860	Aerial infrared target tracking method based on KCF for frequency-domain scale estimation. Applied Optics, 2020, 59, 5086.	1.8	2
2861	Learning Siamese networks for laser vision seam tracking. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 1805.	1.5	16
2862	Automated reconstruction of multiple objects with individual movement based on PSP. Optics Express, 2020, 28, 28600.	3.4	11
2863	Combining Color Features for Real-Time Correlation Tracking. IEICE Transactions on Information and Systems, 2017, E100.D, 225-228.	0.7	2
2864	Feature Adaptive Correlation Tracking. IEICE Transactions on Information and Systems, 2017, E100.D, 594-597.	0.7	1
2865	Adaptive Object Tracking with Complementary Models. IEICE Transactions on Information and Systems, 2018, E101.D, 2849-2854.	0.7	6
2866	A Robust Tracking with Low-Dimensional Target-Specific Feature Extraction. IEICE Transactions on Information and Systems, 2019, E102.D, 1349-1361.	0.7	1
2867	Deep Learning-based Multiple Objects Detection-Tracking Framework. , 2016, , .		1
2868	Deep Bidirectional Correlation Filters for Visual Object Tracking. , 2020, , .		4
2869	CFNN: Correlation Filter Neural Network for Visual Object Tracking. , 2017, , .		6
2871	Context-Aware and Occlusion Handling Mechanism for Online Visual Object Tracking. Electronics (Switzerland), 2021, 10, 43.	3.1	16
2872	Fish Tracking Based on Improved TLD Algorithm in Real-World Underwater Environment. Marine Technology Society Journal, 2019, 53, 80-89.	0.4	11
2873	MTCNN-KCF-deepSORT:Driver Face Detection and Tracking Algorithm Based on Cascaded Kernel Correlation Filtering and Deep SORT. , 0, , .		1

#	ARTICLE	IF	CITATIONS
2874	Accurate Scale Estimation for Robust Visual Tracking. , 2014, , .		1,236
2875	Real-time RGB-D Tracking with Depth Scaling Kernelised Correlation Filters and Occlusion Handling. , 2015, , .		47
2876	Collaborative Correlation Tracking. , 2015, , .		37
2877	Enable Scale and Aspect Ratio Adaptability in Visual Tracking with Detection Proposals. , 2015, , .		42
2878	Visual Tracking using Weighted Discriminative Correlation Filter. Journal of the Korea Society of Computer and Information, 2016, 21, 49-57.	0.0	2
2879	Real-time Pedestrian Dynamic-load Localization using Vision-based Motion Sensing. Korean Society of Hazard Mitigation, 2019, 19, 323-330.	0.2	2
2880	Contrastive Cycle Consistency Learning for Unsupervised Visual Tracking. Lecture Notes in Computer Science, 2021, , 564-576.	1.3	0
2881	Toward Accurate Pixelwise Object Tracking via Attention Retrieval. IEEE Transactions on Image Processing, 2021, 30, 8553-8566.	9.8	16
2883	Re-Identify Deformable Targets for Visual Tracking. Lecture Notes in Computer Science, 2021, , 493-504.	1.3	0
2884	Connect the Dots: <i>In Situ</i> 4-D Seismic Monitoring of CO ₂ Storage With Spatio-Temporal CNNs. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	3
2885	Attention Template Update Model for Siamese Tracker. Lecture Notes in Computer Science, 2021, , 229-241.	1.3	1
2886	Perceiving Temporal Environment for Correlation Filters in Real-Time UAV Tracking. IEEE Signal Processing Letters, 2022, 29, 6-10.	3.6	11
2887	Multi-criteria Confidence Evaluation for Robust Visual Tracking. Lecture Notes in Computer Science, 2021, , 602-613.	1.3	0
2888	An Enhanced SiamMask Network for Coastal Ship Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	10
2889	AO-AutoTrack: Anti-occlusion Real-Time UAV Tracking Based on Spatio-temporal Context. Lecture Notes in Computer Science, 2021, , 256-267.	1.3	0
2890	High-Performance Discriminative Tracking with Target-Aware Feature Embeddings. Lecture Notes in Computer Science, 2021, , 3-15.	1.3	0
2891	Detection and Tracking Meet Drones Challenge. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7380-7399.	13.9	186
2892	Monocular and Binocular People Tracking. , 2021, , 812-815.		0

#	ARTICLE	IF	CITATIONS
2893	Research of Robust Video Object Tracking Algorithm Based on Jetson Nano Embedded Platform. Lecture Notes in Computer Science, 2021, , 392-403.	1.3	0
2894	Mutation Sensitive Correlation Filter for Real-Time UAV Tracking with Adaptive Hybrid Label. , 2021, , .		22
2895	Real-time Surgical Environment Enhancement for Robot-Assisted Minimally Invasive Surgery Based on Super-Resolution. , 2021, , .		8
2896	ADTrack: Target-Aware Dual Filter Learning for Real-Time Anti-Dark UAV Tracking. , 2021, , .		21
2897	Siamese Anchor Proposal Network for High-Speed Aerial Tracking. , 2021, , .		44
2898	Spatial Graph Regularized Multi-kernel Subtask Cross-correlation Tracker. , 2021, , .		0
2899	Exploiting Probabilistic Siamese Visual Tracking with a Conditional Variational Autoencoder. , 2021, , .		3
2900	Detecting and Counting Oysters. , 2021, , .		5
2901	DCFNet++: More Advanced Correlation Filters Network for Real-Time Object Tracking. IEEE Sensors Journal, 2021, 21, 11329-11338.	4.7	5
2902	Online Recommendation-based Convolutional Features for Scale-Aware Visual Tracking. , 2021, , .		3
2903	Long-term stable target tracking algorithm based on improved Staple. , 2021, , .		0
2904	ROI Selected by Pixel2Pixel for Measuring Heart Rate Based on IPPG. , 2021, , .		2
2905	A Scale Adaptive and Anti-occlusion Tracking Algorithm with Feature Fusion. , 2021, , .		0
2906	Pose Measurement and Tracking of Non-cooperative Satellite Based on Stereo Vision. , 2021, , .		1
2907	Target Recognition and Tracking Based on Scale Adaptive Kernel Correlation Filter for Dynamic Perspective of Robots. , 2021, , .		0
2908	Design and Implementation of Scale Adaptive Kernel Correlation Filtering Algorithm Based on Hls. , 2021, , .		1
2909	Object Relocation Visual Tracking based on Siamese network. , 2021, , .		1
2910	Fast Ship Tracking Algorithm for Remote Sensing Video Based on Background Data Mining And Adaptive Selection. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
2911	Optimal Multidimensional Cyclic Convolution Algorithms For Deep Learning And Computer Vision Applications. , 2021, , .		1
2912	Reinforced Background Aware Correlation Filter with Adaptive Weighting Strategy for RGB-T Tracking. , 2021, , .		0
2913	An Adaptive Template Update Network for Siamese Trackers. , 2021, , .		1
2914	Visual mapping of target tracing methods based on CiteSpace bibliometrics. , 2021, , .		0
2915	Passenger Flow Estimation with Bipartite Matching on Bus Surveillance Cameras. , 2021, , .		1
2916	AUNet: Adaptive UpdateNet for Dynamic Pedestrian Tracking with Short-Term Occlusion. , 2021, , .		0
2917	Video based human crowd analysis using machine learning: a survey. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2022, 10, 113-131.	1.9	9
2918	Effective fusion of deep multitasking representations for robust visual tracking. Visual Computer, 0, , 1.	3.5	1
2919	Unsupervised Cross-Modal Distillation for Thermal Infrared Tracking. , 2021, , .		10
2920	Learning Future-Aware Correlation Filters for Efficient UAV Tracking. Remote Sensing, 2021, 13, 4111.	4.0	7
2921	Siamese tracking combing frequency channel attention with adaptive template. IET Communications, 2021, 15, 2493-2502.	2.2	3
2922	Music Education to Rescue Psychological Stress in Social Crisis Based on Fuzzy Prediction Algorithm. Scientific Programming, 2021, 2021, 1-6.	0.7	6
2923	Reliable Memory Model for Visual Tracking. Electronics (Switzerland), 2021, 10, 2488.	3.1	0
2924	Detection-by-tracking of traffic signs in videos. Applied Intelligence, 2022, 52, 8226-8242.	5.3	5
2925	An efficient method for tracking failure detection using parallel correlation filtering and Siamese network. Applied Intelligence, 0, , 1.	5.3	3
2926	Multi-frame co-saliency spatio-temporal regularization correlation filters for object tracking. Journal of Visual Communication and Image Representation, 2021, 81, 103329.	2.8	2
2927	A feature extraction algorithm based on improved Snake model for multi-pass seam tracking in robotic arc welding. Journal of Manufacturing Processes, 2021, 72, 48-60.	5.9	16
2930	Visual Tracking by Assembling Multiple Correlation Filters. Lecture Notes in Computer Science, 2015, , 310-320.	1.3	0

#	ARTICLE	IF	CITATIONS
2931	Cascaded Tracking with Incrementally Learned Projections. Communications in Computer and Information Science, 2016, , 56-64.	0.5	0
2932	An Improved MEEM Tracker via Adaptive Binary Feature Encoding. Communications in Computer and Information Science, 2016, , 413-425.	0.5	1
2933	2D Part-Based Visual Tracking of Hydraulic Excavators. World Journal of Engineering and Technology, 2016, 04, 101-111.	0.5	0
2934	Set to Set Visual Tracking. Lecture Notes in Computer Science, 2016, , 700-712.	1.3	0
2935	Large Displacement Dynamic Scene Segmentation through Multiscale Saliency Flow. IEICE Transactions on Information and Systems, 2016, E99.D, 1871-1876.	0.7	0
2936	On Combining Compressed Sensing and Sparse Representations for Object Tracking. Lecture Notes in Computer Science, 2016, , 32-43.	1.3	1
2937	Visual Object Tracking by Using Multiple Random Walkers. Journal of Broadcast Engineering, 2016, 21, 913-919.	0.1	0
2938	Recovery from tracking failure. , 2016, , .		0
2939	Appearance changes detection during tracking. , 2016, , .		0
2940	Object Tracking with Blocked Color Histogram. Lecture Notes in Computer Science, 2017, , 386-396.	1.3	0
2941	Human Tracking in Crowded Scenes Using Integration of Three Kinds of Models and Adaptive Learning. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 1258-1265.	0.2	0
2942	Hierarchical Convolutional Features for Long-Term Correlation Tracking. Communications in Computer and Information Science, 2017, , 677-686.	0.5	1
2943	SpatioGram and Fuzzy Logic Based Multi-modality Fusion Tracking with Online Update. Communications in Computer and Information Science, 2017, , 113-127.	0.5	1
2944	A Novel Real-Time Tracking Algorithm Using Spatio-Temporal Context and Color Histogram. Communications in Computer and Information Science, 2017, , 128-144.	0.5	0
2945	Online Tracking with Convolutional Neural Networks. Lecture Notes in Computer Science, 2017, , 208-216.	1.3	5
2946	Object Tracking Based on Mean Shift Algorithm and Kernelized Correlation Filter Algorithm. Lecture Notes in Computer Science, 2017, , 54-64.	1.3	0
2947	A Method of General Acceleration SRDCF Calculation via Reintroduction of Circulant Structure. Communications in Computer and Information Science, 2017, , 551-562.	0.5	0
2948	RGB-D Tracking Based on Kernelized Correlation Filter with Deep Features. Lecture Notes in Computer Science, 2017, , 105-113.	1.3	0

#	ARTICLE	IF	CITATIONS
2949	An Integrated Learning Framework for Pedestrian Tracking. Lecture Notes in Computer Science, 2017, , 95-106.	1.3	0
2950	Robust Object Tracking via Structure Learning and Patch Refinement in Handling Occlusion. Lecture Notes in Computer Science, 2017, , 449-459.	1.3	0
2951	Correlation Filters with Adaptive Memories and Fusion for Visual Tracking. Lecture Notes in Computer Science, 2017, , 170-179.	1.3	1
2952	Sparse Similarity Learning with a Local Appearance Model for Person Tracking. Lecture Notes in Computer Science, 2017, , 615-624.	1.3	0
2953	Adaptive Patch Quantization for Histogram-Based Visual Tracking. Lecture Notes in Computer Science, 2017, , 38-50.	1.3	0
2954	Model-Free Multiple Object Tracking with Shared Proposals. Lecture Notes in Computer Science, 2017, , 288-304.	1.3	2
2955	Statistical Degradation Analysis for Real-Time Tracking in Severely Degraded Videos. Communications in Computer and Information Science, 2017, , 419-429.	0.5	0
2956	Robust Visual Tracking by Hierarchical Convolutional Features and Historical Context. Lecture Notes in Computer Science, 2017, , 425-434.	1.3	0
2957	Sequential Monte Carlo-guided ensemble tracking. PLoS ONE, 2017, 12, e0173297.	2.5	1
2958	Visual tracking with genetic algorithm augmented logistic regression. Signal, Image and Video Processing, 2018, 12, 33-40.	2.7	0
2959	Forward collision warning based on kernelized correlation filters. Proceedings of SPIE, 2017, , .	0.8	0
2960	Directional ringlet intensity feature transform (DRIFT) based object tracking in IR imagery. , 2017, , .		0
2961	Object tracking by transitive learning using perspective transformation with asymptotic stability. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	2
2962	Visual Tracking via Clustering-Based Patch Weighing and Masking. Advances in Intelligent Systems and Computing, 2018, , 689-695.	0.6	0
2963	An object detection and tracking system for unmanned surface vehicles. , 2017, , .		2
2964	Automatic target recognition and detection in infrared imagery under cluttered background. , 2017, , .		1
2965	The Near-air Infrared Object Tracking Dataset. DEStech Transactions on Engineering and Technology Research, 2017, , .	0.0	0
2966	Extracting Features of Interest from Small Deep Networks for Efficient Visual Tracking. Lecture Notes in Computer Science, 2018, , 414-425.	1.3	1

#	ARTICLE	IF	CITATIONS
2967	Object Tracking in Hyperspectral Videos with Convolutional Features and Kernelized Correlation Filter. Lecture Notes in Computer Science, 2018, , 308-319.	1.3	40
2968	Regularized Kernel Representation for Visual Tracking. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 668-677.	0.3	0
2969	Discriminative Visual Tracking Using Multi-feature and Adaptive Dictionary Learning. Lecture Notes in Computer Science, 2018, , 221-232.	1.3	0
2970	Deep Convolutional Features for Correlation Filter Based Tracking with Parallel Network. Communications in Computer and Information Science, 2018, , 461-470.	0.5	3
2971	Two-Camera Synchronization and Trajectory Reconstruction for a Touch Screen Usability Experiment. Lecture Notes in Computer Science, 2018, , 125-136.	1.3	2
2972	Seeing Tree Structure from Vibration. Lecture Notes in Computer Science, 2018, , 762-779.	1.3	5
2973	Learning Non-local Representation for Visual Tracking. Lecture Notes in Computer Science, 2018, , 209-220.	1.3	1
2974	Nest Detection Using Coarse-to-Fine Searching Strategy. Communications in Computer and Information Science, 2018, , 503-512.	0.5	0
2975	An Effective Railway Dynamic Invader Detection and Tracking Method. Lecture Notes in Electrical Engineering, 2018, , 419-427.	0.4	1
2976	Accurate Scale-Variable Tracking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 40-48.	0.3	0
2977	Evaluation of Visual Object Trackers on Equirectangular Panorama. , 2018, , .		3
2978	An Adaptive Multi-scale Tracking Method Based on Kernelized Correlation Filter. Communications in Computer and Information Science, 2018, , 429-439.	0.5	0
2980	Combined Thermal Infrared and Visible Cameras for Pedestrian Detection and Tracking. , 2018, , .		0
2982	Residual Network Based on Multi-Features Combination for Tracking. , 2018, , .		0
2983	Visual Tracking via Patch-Based Absorbing Markov Chain. Lecture Notes in Computer Science, 2018, , 150-159.	1.3	0
2984	An RGBD Tracker Based on KCF Adaptively Handling Long-Term Occlusion. Lecture Notes in Computer Science, 2018, , 100-107.	1.3	0
2985	Real-Time RGBD Object Tracking via Collaborative Appearance and Motion Models. Communications in Computer and Information Science, 2018, , 449-460.	0.5	0
2986	Learning Soft-Consistent Correlation Filters for RGB-T Object Tracking. Lecture Notes in Computer Science, 2018, , 295-306.	1.3	16

#	ARTICLE	IF	CITATIONS
2987	A Review of Visual Tracking. Computer Science and Application, 2018, 08, 35-42.	0.1	0
2988	Dual linear structured support vector machine tracking method via scale correlation filter. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
2989	Visual tracking using objectness-bounding box regression and correlation filters. Journal of Electronic Imaging, 2018, 27, 1.	0.9	2
2990	Robust Multi-scale Prior L-K Tracking Based on Local Features. DEStech Transactions on Computer Science and Engineering, 2018, , .	0.1	0
2991	An improved multi-domain convolution tracking algorithm. , 2018, , .		0
2992	Enhanced online convolutional neural networks for object tracking. , 2018, , .		0
2993	Towards accurate localization: long- and short-term correlation filters for tracking. , 2018, , .		0
2994	Kernelized correlation tracking with long-term motion cues. , 2018, , .		0
2995	Long-term scale adaptive tracking with kernel correlation filters. , 2018, , .		0
2997	Convolutional features selection for visual tracking. Journal of Electronic Imaging, 2018, 27, 1.	0.9	3
2998	A New Shadow Tracking Method to Locate the Moving Target in SAR Imagery Based on KCF. Lecture Notes in Electrical Engineering, 2019, , 2661-2669.	0.4	7
2999	A New Approach for Train Driver Tracking in Real Time. DEStech Transactions on Computer Science and Engineering, 2018, , .	0.1	0
3000	Fine scale estimation for correlation filter tracking. , 2018, , .		0
3001	Target regression tracking based on convolutional neural network. , 2018, , .		0
3002	A novel correlation filter tracking algorithm based on feature integration. , 2018, , .		0
3003	Dynamic object counting application based on object detection and tracking. , 2018, , .		1
3004	Long-term object tracking algorithm with occlusion-awareness and re-detection. , 2018, , .		1
3005	A template matching acceleration algorithm based on Cuda. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
3006	Visual tracking with complementary deep feature optimization. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
3007	Object tracking with composite optimum filters using non-overlapping signal models. , 2018, , .		0
3008	Robust night target tracking via infrared and visible video fusion. , 2018, , .		1
3009	Long-term tracking algorithm using deep features and a single shot multibox detector. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
3010	Information-Maximizing Sampling to Promote Tracking-By-Detection. , 2018, , .		1
3011	Location-matching tracking under convolutional neural network. Journal of Electronic Imaging, 2018, 27, 1.	0.9	3
3012	Visual tracker fusion and outlier detection on thermal image sequences. , 2018, , .		3
3013	Robust Tracking Based on Multi-feature Fusion. Advances in Intelligent Systems and Computing, 2019, , 535-543.	0.6	0
3014	Incrementally update CNN for visual tracking using active learning and artificial data. , 2018, , .		0
3015	Enhanced wavelet convolutional neural networks for visual tracking. Journal of Electronic Imaging, 2018, 27, 1.	0.9	2
3016	Adaptive KCF learning with fused infrared information. , 2018, , .		0
3017	Improved context-aware correlation filter tracking. , 2018, , .		1
3018	Development of Emotion Analysis Platform for Quantitative Evaluation of VR Media Content. Journal of Digital Contents Society, 2018, 19, 1887-1892.	0.4	5
3019	Object tracking with mask-constrained spatial context. Journal of Electronic Imaging, 2018, 27, 1.	0.9	0
3020	Retrogression of correlation filters for discriminative visual object tracking. Journal of Electronic Imaging, 2018, 27, 1.	0.9	4
3021	A scale adaptive tracker based on point feature. , 2018, , .		0
3022	Spatial Context for Correlation Filter Tracking. Advances in Intelligent Systems and Computing, 2019, , 174-181.	0.6	0

#	ARTICLE	IF	CITATIONS
3024	Object tracking with mask-constrained spatial context. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
3025	Scale adaptive correlation filter tracking based on the autocorrelation matrix. , 2018, , .		0
3026	Multi-target Tracking Algorithm Based on Convolutional Neural Network and Guided Sample. Advances in Intelligent Systems and Computing, 2019, , 603-613.	0.6	0
3027	Near-Duplicate Video Retrieval Through Toeplitz Kernel Partial Least Squares. Lecture Notes in Computer Science, 2019, , 352-364.	1.3	3
3028	Long-Term Tracking Algorithm Based on Kernelized Correlation Filter. Advances in Intelligent Systems and Computing, 2019, , 745-755.	0.6	0
3029	Multi-scale kernel correlation filter for visual tracking. , 2018, , .		1
3030	Improved Saliency-Enhanced Multi-cue Correlation-Filter-Based Visual Tracking. Lecture Notes in Computer Science, 2019, , 240-254.	1.3	0
3031	Real-Time Interpretation Method for Shooting-Range Image Based on Position Prediction. Lecture Notes in Computer Science, 2019, , 68-80.	1.3	0
3032	Tracking Algorithm Based on Dual Residual Network and Kernel Correlation Filters. Communications in Computer and Information Science, 2019, , 29-42.	0.5	1
3033	A Real-Time Processing Stand-Alone Multiple Object Visual Tracking System. Lecture Notes in Computer Science, 2019, , 64-74.	1.3	4
3035	An Adaptive Feature Channel Weighting Scheme for Correlation Tracking. Lecture Notes in Computer Science, 2019, , 168-183.	1.3	2
3036	Robust Object Tracking Based on Multi-granularity Sparse Representation. Lecture Notes in Computer Science, 2019, , 142-154.	1.3	0
3037	Proposal color-histogram aware network. , 2019, , .		0
3038	Verification Learning for Robust Visual Object Tracking. Communications in Computer and Information Science, 2019, , 482-491.	0.5	0
3039	Real-Time Traffic Monitoring with Occlusion Handling. Lecture Notes in Computer Science, 2019, , 273-284.	1.3	1
3040	Context Adaptive Visual Tracker in Surveillance Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 374-382.	0.3	0
3041	Improved C-COT based on feature channels confidence for visual tracking. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2019, 13, JAMDSM0096-JAMDSM0096.	0.7	2
3042	Real-Time Visual Object Tracking Based on Reinforcement Learning with Twin Delayed Deep Deterministic Algorithm. Lecture Notes in Computer Science, 2019, , 165-177.	1.3	1

#	ARTICLE	IF	CITATIONS
3043	Real-Time Scale Adaptive Visual Tracking with Context Information and Correlation Filters. Communications in Computer and Information Science, 2019, , 93-105.	0.5	0
3044	Visual Object Tracking via an Improved Lightweight Siamese Network. Lecture Notes in Computer Science, 2019, , 284-294.	1.3	1
3045	Robust visual tracking for planar objects using gradient orientation pyramid. Journal of Electronic Imaging, 2019, 28, 1.	0.9	7
3046	Visual Tracking Based on Multi-cue Proposals and Long Short-Term Features Learning. Communications in Computer and Information Science, 2019, , 633-644.	0.5	0
3047	Multiple Context Features in Siamese Networks for Visual Object Tracking. Lecture Notes in Computer Science, 2019, , 116-131.	1.3	5
3048	Object Tracking by Multiple Correlation Filters Robust to Appearance Changes. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2019, 73, 1004-1012.	0.1	0
3049	Automatic Analysis of Moving Particles by Total Internal Reflection Fluorescence Microscopy. Communications in Computer and Information Science, 2019, , 228-239.	0.5	2
3050	The Multi-task Fully Convolutional Siamese Network with Correlation Filter Layer for Real-Time Visual Tracking. Lecture Notes in Computer Science, 2019, , 123-134.	1.3	1
3051	DomainSiam: Domain-Aware Siamese Network for Visual Object Tracking. Lecture Notes in Computer Science, 2019, , 45-58.	1.3	4
3052	Correlation-guided multi-object tracking with correlation feature transfer. IET Computer Vision, 2019, 13, 139-145.	2.0	0
3053	Real-Time Sparse Visual Tracking Using Circulant Reverse Lasso Model. IEICE Transactions on Information and Systems, 2019, E102.D, 175-184.	0.7	0
3055	Dictionary Learning and Confidence Map Estimation-Based Tracker for Robot-Assisted Therapy System. Lecture Notes in Computer Science, 2019, , 147-159.	1.3	1
3056	Analysis of Motion Patterns in Video Streams for Automatic Health Monitoring in Koi Ponds. Lecture Notes in Computer Science, 2019, , 27-40.	1.3	0
3057	Fighting Detection Based on Analysis of Individual's Motion Trajectory. Lecture Notes in Computer Science, 2019, , 654-667.	1.3	0
3059	Introduction to Visual Tracking. , 2019, , 1-10.		1
3060	Kernelized Correlation Filter Target Tracking Algorithm Based on Saliency Feature Selection. Communications in Computer and Information Science, 2019, , 166-178.	0.5	2
3061	Tracking, Recognizing, and Estimating Size of Objects Using Adaptive Technique. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 283-291.	0.3	0
3062	Improved Multi-sampling Kernelized Correlation Filter Target Tracking Algorithm. , 0, , .		0

#	ARTICLE	IF	CITATIONS
3063	Tracking Jockeys in a Cluttered Environment with Group Dynamics. , 2019, , .		1
3064	Meteorite Detection and Tracing with Deep Learning on FPGA Platform. Advances in Intelligent Systems and Computing, 2019, , 493-500.	0.6	0
3066	Adaptive Model-updated Correlation Filters for Real-time Visual Tracking. , 2019, , .		0
3067	Implicit Intention and Activity Recognition of a Human Using Neural Networks for a Service Robot Eye. , 2019, , .		4
3068	Development of tracking system of moving specific person: Following welfare assist robot production. , 2019, , .		0
3069	Covariance intersection fusion for visual tracking with hierarchical features. , 2019, , .		2
3070	Fully convolutional adaptive tracker with real time performance. , 2019, , .		2
3071	Scale adaptive part-based tracking method using multiple correlation filters. Optical Engineering, 2019, 58, 1.	1.0	2
3072	Combining discriminant embedding and transfer learning for visual tracking. , 2019, , .		0
3073	Water Quality Anomaly Monitoring Based on Kalman Filter and Convolution Neural Network. DEStech Transactions on Computer Science and Engineering, 2019, , .	0.1	0
3074	Robust real-time contact-point detecting and tracking by a horizontal-vertical enhancement method. , 2019, , .		0
3075	Context-learning correlation filters for long-term visual tracking. , 2019, , .		0
3076	The performance comparison of different feature to kernelized correlation filter tracker. , 2019, , .		0
3077	Autocorrelated correlation filter for visual tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	0
3078	Adaptive patch feature matching and scale estimation for visual object tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	3
3079	Real-time robust complementary visual tracking with redetection scheme. Journal of Electronic Imaging, 2019, 28, 1.	0.9	0
3080	Robust part-based visual tracking via adaptive collaborative modelling. IET Image Processing, 2019, 13, 1648-1657.	2.5	3
3081	Object tracking based on spatial attention mechanism. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
3082	Real-time target object tracking via dual-directional scaling state predicting. Electronics Letters, 2019, 55, 791-793.	1.0	0
3083	Small target tracking using KCF and adaptive thresholding. , 2019, , .		0
3084	A high-speed multi-scale kernel correlation filter tracking algorithm. , 2019, , .		1
3085	UAV Autonomous Path Optimization Simulation Based on Multiple Moving Target Tracking Prediction. Lecture Notes in Electrical Engineering, 2020, , 1384-1392.	0.4	0
3086	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
3087	3D Reconstruction for the Multiple Moving Objects Based on Phase Shifting Profilometry. , 2019, , .		0
3088	Simultaneous 3D Motion Detection, Long-Term Tracking and Model Reconstruction for Multi-Objects. International Journal of Humanoid Robotics, 2019, 16, 1950017.	1.1	3
3089	Robust Tracking via Dual Constrained Filters. Lecture Notes in Electrical Engineering, 2020, , 1331-1338.	0.4	0
3090	Accurate scale estimation for correlation filter based visual tracking. , 2019, , .		0
3091	Robust Infrared Air Object Tracking Fusing Convolutional And Hand-Crafted Features. , 2019, , .		0
3092	A Computationally Efficient Tracking Scheme for Localization of Soccer Players in an Aerial Video Sequence. , 2019, , .		0
3093	Tracking via Enhanced Context-Aware Correlation Filter. Lecture Notes in Electrical Engineering, 2020, , 268-276.	0.4	0
3094	Neural-Network Based Adaptive Proxemics-Costmap for Human-Aware Autonomous Robot Navigation. International Journal of Integrated Engineering, 2019, 11, .	0.4	2
3095	Saliency auxiliary objects for visual tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	0
3096	A Novel Method for Small Object Tracking Based on Super-Resolution Convolutional Neural Network. , 2019, , .		1
3097	Research on Video Target Tracking Algorithm Based on Particle Filter and CNN. Lecture Notes in Electrical Engineering, 2020, , 236-244.	0.4	0
3098	A comparison study of deep visual tracking on infrared imagery in a maritime environment. , 2019, , .		0
3099	The Research on Multi-angle Face Tracking Based on Multi-feature Fusion and KCF. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
3100	A robust visual tracking via nonlocal correlation filters. , 2019, , .		0
3101	On-line learning tracking-by-segmentation of spacecraft observed by satellite-based imaging system. , 2019, , .		0
3102	Independent component analysis with reference multifeature integration for visual object tracking via adaptive update. Journal of Electronic Imaging, 2019, 28, 1.	0.9	0
3103	Joint learning of Siamese network with top-down modulation and hard example mining for visual tracking. Journal of Electronic Imaging, 2019, 28, 1.	0.9	4
3104	A novel tracker based on the kernelized correlation filter. , 2019, , .		0
3105	3D Hand Movement Measurement Framework for Studying Human-Computer Interaction. Lecture Notes in Networks and Systems, 2020, , 513-524.	0.7	1
3106	Anti-occlusion Video Target Tracking Based on Double Threshold Judgment. Advances in Intelligent Systems and Computing, 2020, , 290-296.	0.6	0
3107	Non-symmetry and Anti-packing Pattern Representation Model in Visual Tracking. Advances in Intelligent Systems and Computing, 2020, , 679-687.	0.6	0
3108	Kernel Circulant Object Tracking Based on Illumination Invariant Features. Advances in Intelligent Systems and Computing, 2020, , 875-882.	0.6	0
3109	Correlation Filter Tracking Algorithm Based on Spatio-Temporal Context. Advances in Intelligent Systems and Computing, 2020, , 279-289.	0.6	0
3110	Multi-scale Correlation Filtering Visual Tracking via CNN Features. , 2019, , .		0
3111	State Machine Implementation for Human Object Tracking using Combination of MobileNet, KCF Tracker, and HOG Features. International Journal on Electrical Engineering and Informatics, 2019, 11, 697-712.	0.5	5
3112	Real-time Target Tracking Based on PCANet-CSK Algorithm. , 2019, , .		0
3113	Development of an Integrated Traffic Object Detection Framework for Traffic Data Collection. The Journal of the Korea Institute of Intelligent Transport Systems, 2019, 18, 191-201.	0.3	1
3114	A Correlation Filter Target Tracking Algorithm Based on Continuous Convolution Operator and Spatial-Temporal Regularization Term. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2019, 37, 1264-1270.	0.5	0
3115	Old Man Fall Detection Based on Surveillance Video Object Tracking. Communications in Computer and Information Science, 2020, , 159-167.	0.5	1
3117	Learning Discriminative Classifier Parameter for Visual Object Tracking by Detection. Lecture Notes in Electrical Engineering, 2020, , 355-369.	0.4	0
3118	Object Tracking with Multi-sample Correlation Filters. Lecture Notes in Computer Science, 2020, , 473-485.	1.3	0

#	ARTICLE	IF	CITATIONS
3119	A Kernel Correlation Filter Tracker with Fast Scale Prediction. , 2020, , .		0
3120	Novel visual tracking approach via ant lion optimiser. IET Image Processing, 2020, 14, 727-735.	2.5	2
3121	Practical detection and tracking of flying small objects in infrared images. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	1
3122	Real-Time Long-Term Tracking with Adaptive Online Searching Model. , 2020, , .		2
3123	Object Tracking at Video. Control Systems and Computers, 2020, , 12-22.	0.1	1
3124	Robust Visual Tracking with Context-Based Active Occlusion Recognition. , 2020, , .		2
3125	Reâ€detection object tracking algorithm in the cyber physical system. IET Cyber-Physical Systems: Theory and Applications, 2020, 5, 253-262.	3.3	0
3126	Correlation tracking with implicitly extending search region. Visual Computer, 2021, 37, 1029-1043.	3.5	2
3127	Combining Gaze Estimation and Optical Flow for Pursuits Interaction. , 2020, , .		6
3128	Scale estimation for KCF tracker based on feature fusion. , 2020, , .		0
3129	Target tracker with masked discriminative correlation filter. IET Image Processing, 2020, 14, 2227-2234.	2.5	7
3130	ANALIZA ALGORYTMÃ“W ÅŚLEDZENIA OBIEKTÃ“W NA BAZIE OBRAZU VIDEO. Elektronika, 2020, 1, 21-26.	0.0	0
3131	Visual object tracking via precise localization. Journal of Electronic Imaging, 2020, 29, 1.	0.9	0
3132	Development of a Moving Person Tracking System-Obstacle Detection by Distance Sensor. , 2020, , .		0
3133	Soccer Ball Position Data Set Modelled to Scaled Exponential Distribution. , 2020, , .		0
3134	End-to-end Visual Object Tracking with Motion Saliency Guidance. , 2020, , .		0
3135	SIAMESE NETWORK COMBINED WITH ATTENTION MECHANISM FOR OBJECT TRACKING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 1315-1322.	0.2	1
3136	Discriminative Context-Aware Correlation Filter Network for Visual Tracking. Advances in Intelligent Systems and Computing, 2021, , 724-736.	0.6	0

#	ARTICLE	IF	CITATIONS
3137	Triplet Network with Multi-level Feature Fusion for Object Tracking. , 2020, , .		0
3138	Kernel correlation filters based on feature fusion for visual tracking. Journal of Physics: Conference Series, 2020, 1601, 052026.	0.4	1
3139	Distractor-Aware Tracking with Multi-Task and Dynamic Feature Learning. Journal of Circuits, Systems and Computers, 2021, 30, 2150031.	1.5	2
3140	Computer Vision in the Infrared Spectrum: Challenges and Approaches. Synthesis Lectures on Computer Vision, 2021, 10, 1-138.	0.6	2
3141	Learning deep convolutional descriptor aggregation for efficient visual tracking. Neural Computing and Applications, 2022, 34, 3745-3765.	5.6	3
3142	Object tracking based on response maps fusion Siamese network. , 2021, , .		0
3143	Accurate and Robust Feature Description and Dense Point-wise Matching based on Feature Fusion for Endoscopic Images. Computerized Medical Imaging and Graphics, 2021, 94, 102007.	5.8	3
3144	STASiamRPN: visual tracking based on spatiotemporal and attention. Multimedia Systems, 0, , 1.	4.7	2
3145	Multi-scale underwater object tracking by adaptive feature fusion. , 2021, , .		1
3146	Learning Feature Embeddings for Discriminant Model Based Tracking. Lecture Notes in Computer Science, 2020, , 759-775.	1.3	33
3147	Flying point target tracking using infrared images. , 2020, , .		0
3148	Exemplar Loss for Siamese Network in Visual Tracking. , 2020, , .		0
3149	High Speed Tracking with Machine Intelligence. , 2020, , .		3
3150	Multi-camera 3D ball tracking framework for sports video. IET Image Processing, 2020, 14, 3751-3761.	2.5	4
3151	Bayesian Matrix Factorization for Visual Tracking. , 2020, , .		0
3152	Target Tracking Algorithm Based on Kernel Correlation Filter with Anti-occlusion Mechanisms. , 2020, , .		1
3153	A Comparative Study and Simulation of Object Tracking Algorithms. , 2020, , .		0
3154	Multi-Experts with Context Awareness Correlation Filters for Visual Tracking. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
3155	Coral-Pie. , 2020, , .		6
3156	CNN-Based Traffic Volume Video Detection Method. , 2020, , .		0
3157	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
3158	Robust Real-time Face Tracking for People Wearing Face Masks. , 2020, , .		7
3159	Real-Time Multiple Object Tracking with Discriminative Features. , 2020, , .		0
3160	Vacant parking slot detection and tracking during driving and parking with a standalone around view monitor. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2021, 235, 1539-1551.	1.9	5
3161	A Sport Athlete Object Tracking Based on Deep Sort and Yolo V4 in Case of Camera Movement. , 2020, , .		22
3162	Multi-scale Correlation Filter Tracking Algorithm Based on Feature Fusion. Journal of Physics: Conference Series, 2020, 1693, 012114.	0.4	0
3163	Bidirectional Consistency Constrained Template Update Learning for Siamese Trackers. , 2020, , .		0
3164	Aerial Target Tracking Based on Frequency-Domain Gabor Filters and Correlation Filters under Complex Interference Environment. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2020, 38, 1146-1153.	0.5	1
3165	Tracking Objects Based on Multiple Particle Filters for Multipart Combined Moving Directions Information. Computational Intelligence and Neuroscience, 2020, 2020, 1-13.	1.7	1
3166	Online Object Tracking based on Generative Adversarial Networks. , 2020, , .		0
3167	Robust Single-object Visual Tracking Framework via Fully Convolutional Siamese Network with Correlation Filter. , 2020, , .		0
3168	An Adaptive Model Update Object Tracking Algorithm based on DenseNet Features. , 2020, , .		1
3169	Jointly Optimizing Sensing Pipelines for Multimodal Mixed Reality Interaction. , 2020, , .		3
3170	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
3171	An Occlusion-Aware RGB-D Visual Object Tracking Method Based on Siamese Network. , 2020, , .		2
3172	RGB-T Tracking via Multi-expert Correlation Filters using Spatial-temporal Robustness. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
3173	Visual Tracking with Object Center Displacement and CenterNet. International Journal of Computer Vision and Image Processing, 2022, 12, 0-0.	0.4	0
3174	Learning target-aware background-suppressed correlation filters with dual regression for real-time UAV tracking. Signal Processing, 2022, 191, 108352.	3.7	6
3175	Capturing Relevant Context for Visual Tracking. IEEE Transactions on Multimedia, 2021, 23, 4232-4244.	7.2	9
3176	An Adaptive Seam-Tracking System with Posture Estimation for Welding. Lecture Notes in Computer Science, 2020, , 88-99.	1.3	0
3177	RPT: Learning Point Set Representation for Siamese Visual Tracking. Lecture Notes in Computer Science, 2020, , 653-665.	1.3	29
3178	VisDrone-SOT2020: The Vision Meets Drone Single Object Tracking Challenge Results. Lecture Notes in Computer Science, 2020, , 728-749.	1.3	13
3179	HAAR Characteristics-Based Traffic Volume Method Measurement for Street Intersections. Advances in Computer and Electrical Engineering Book Series, 2020, , 258-285.	0.3	0
3180	An Object Detection and Tracking Algorithm Combined with Semantic Information. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 837-854.	0.3	0
3181	Learning to Rank Proposals for Siamese Visual Tracking. IEEE Transactions on Image Processing, 2021, 30, 8785-8796.	9.8	14
3182	A Selective Multi-feature Tracker based on Confidence. , 2019, , .		1
3184	Real-Time Detection of Multiple Targets from a Moving 360° Panoramic Imager in the Wild. Lecture Notes in Computer Science, 2020, , 104-120.	1.3	0
3185	AFOD: Adaptive Focused Discriminative Segmentation Tracker. Lecture Notes in Computer Science, 2020, , 666-682.	1.3	3
3186	Stereo Camera and LIDAR Sensor Fusion-Based Collision Warning System for Autonomous Vehicles. Algorithms for Intelligent Systems, 2020, , 239-252.	0.6	8
3187	Robust Context-Aware Tracking with Temporal Regularization. Lecture Notes in Electrical Engineering, 2020, , 858-865.	0.4	0
3188	MHASiam: Mixed High-Order Attention Siamese Network for Real-Time Visual Tracking. Lecture Notes in Computer Science, 2020, , 445-456.	1.3	0
3190	Review of pedestrian tracking: Algorithms and applications. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 084203.	0.5	3
3191	A Deep Tracking and Segmentation Approach for Soccer Videos Visual Effects. Lecture Notes in Computer Science, 2020, , 266-277.	1.3	1
3192	Improved Method of Target Tracking Based on SiamRPN. Communications in Computer and Information Science, 2020, , 140-153.	0.5	0

#	ARTICLE	IF	CITATIONS
3193	Hierarchical Representations with Discriminative Meta-filters in Dual Path Network for Tracking. Lecture Notes in Computer Science, 2020, , 303-315.	1.3	2
3194	Alleviating Tracking Model Degradation Using Interpolation-Based Progressive Updating. , 2020, , 129-142.		0
3195	Effective Occlusion Handling for Fast Correlation Filter-based Trackers. International Journal of Electrical Electronics and Computers, 2020, 5, 24-31.	1.2	0
3196	The Eighth Visual Object Tracking VOT2020 Challenge Results. Lecture Notes in Computer Science, 2020, , 547-601.	1.3	81
3197	Robust single target tracking using determinantal point process observations. International Journal on Smart Sensing and Intelligent Systems, 2020, 13, 1-8.	0.7	3
3198	Learning Target-Specific Response Attention for Siamese Network Based Visual Tracking. Lecture Notes in Computer Science, 2020, , 554-566.	1.3	0
3199	Target Tracking Algorithm Based on Density Clustering. Lecture Notes in Computer Science, 2020, , 556-563.	1.3	0
3201	Adaptive Model Updating Correlation Filter Tracker with Feature Fusion. Lecture Notes in Computer Science, 2020, , 255-265.	1.3	0
3202	Hard Occlusions in Visual Object Tracking. Lecture Notes in Computer Science, 2020, , 299-314.	1.3	5
3203	PAS Tracker: Position-, Appearance- and Size-Aware Multi-object Tracking in Drone Videos. Lecture Notes in Computer Science, 2020, , 604-620.	1.3	9
3204	A Deep Learning Filter for Visual Drone Single Object Tracking. Lecture Notes in Computer Science, 2020, , 638-650.	1.3	3
3205	Monocular and Binocular People Tracking. , 2020, , 1-4.		0
3206	Residual Attention SiameseRPN for Visual Tracking. Lecture Notes in Computer Science, 2020, , 407-419.	1.3	16
3207	Cycle Ynet: Semi-supervised Tracking of 3D Anatomical Landmarks. Lecture Notes in Computer Science, 2020, , 593-602.	1.3	1
3208	An Exploration of Target-Conditioned Segmentation Methods for Visual Object Trackers. Lecture Notes in Computer Science, 2020, , 618-636.	1.3	1
3209	Detection of Failure Updation and Correction for Visual Tracking with Kernalized Correlation Filter. , 2020, , .		0
3210	Accuracy Improvement of Human Tracking in Aerial Images Using Error Correction Based on Color Information. , 2020, , .		0
3211	Tracking an Object over 200 FPS with the Fusion of Prior Probability and Kalman Filter. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
3212	A Vision-based Slow-Fast Target-Positioning Framework for Person-Following. , 2020, , .		0
3214	Multiple Object Trackers in OpenCV: A Benchmark. , 2021, , .		6
3215	Transformer Meets Tracker: Exploiting Temporal Context for Robust Visual Tracking. , 2021, , .		346
3216	Towards More Flexible and Accurate Object Tracking with Natural Language: Algorithms and Benchmark. , 2021, , .		57
3217	Learning to Filter: Siamese Relation Network for Robust Tracking. , 2021, , .		78
3218	Learning To Count Everything. , 2021, , .		34
3219	Unsupervised Visual Representation Learning by Tracking Patches in Video. , 2021, , .		10
3220	Progressive Unsupervised Learning for Visual Object Tracking. , 2021, , .		19
3221	Improving Multiple Pedestrian Tracking by Track Management and Occlusion Handling. , 2021, , .		71
3222	Multiple Scale Aggregation with Patch Multiplexing for High-Speed Inter-Vehicle Distance Estimation. , 2021, , .		1
3223	A User Motion Data Acquisition and Processing Method for the Design of Rehabilitation Robot With Few Degrees-of-Freedom. Journal of Engineering and Science in Medical Diagnostics and Therapy, 2020, 3, .	0.5	2
3224	A Comparative analysis of Algorithms for Pedestrian Tracking using Drone Vision. , 2021, , .		0
3225	A circulant-matrix-based hybrid optical flow method for PIV measurement with large displacement. Experiments in Fluids, 2021, 62, 1.	2.4	6
3226	PETRI: Reducing Bandwidth Requirement in Smart Surveillance by Edge-Cloud Collaborative Adaptive Frame Clustering and Pipelined Bidirectional Tracking. , 2021, , .		3
3227	Siamese Network with Channel-wise Attention and Multi-scale Fusion for Robust Object Tracking. , 2020, , .		1
3228	ECO-HC Based Tracking for Ground Moving Target Using Single UAV. , 2020, , .		2
3229	Learning a unified tracking–detection framework with distractor–aware constraint for visual object tracking. Journal of Engineering, 2020, 2020, 679-685.	1.1	0
3230	Target tracking algorithm with adaptive learning rate complementary filtering. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
3231	Residual Compression Network for Faster Correlation Tracking. Lecture Notes in Computer Science, 2018, , 346-356.	1.3	0
3234	The correlation filter tracking algorithm using multi-feature background perception. , 2020, , .		0
3235	Robust scale-variation object tracking by twofold weighted phase correlation with the kernel. Journal of Electronic Imaging, 2020, 29, .	0.9	0
3236	Occlusionâ€handling tracker based on discriminative correlation filters. IET Image Processing, 2020, 14, 3054-3065.	2.5	0
3237	Efficient method for evaluation and hardware-in-loop testing of electroâ€optical tracking system. Optical Engineering, 2020, 59, .	1.0	0
3238	Low-Latency Proactive Continuous Vision. , 2020, , .		4
3239	Online Filtering Training Samples for Robust Visual Tracking. , 2020, , .		8
3240	Accurate UAV Tracking with Distance-Injected Overlap Maximization. , 2020, , .		6
3241	Privacy-sensitive Objects Pixelation for Live Video Streaming. , 2020, , .		6
3242	Multi-scale spatio-temporal context visual tracking algorithm based on target model adaptive update. , 2020, , .		0
3243	Single target tracking algorithm based on multi-feature fusion. , 2020, , .		0
3244	Intelligent Safety Monitoring and Early Warning System for Construction Site. , 2020, , .		0
3245	Occlusion-Aware Discriminative Networks for Visual Object Tracking. , 2020, , .		1
3246	Learning attention for object tracking with adversarial learning network. Eurasip Journal on Image and Video Processing, 2020, 2020, .	2.6	3
3247	Multiple Object Tracking Using Convolutional Neural Network on Aerial Imagery Sequences. Springer Proceedings in Physics, 2021, , 413-420.	0.2	6
3248	Visual Target Tracking via Online Reliability Evaluation and Feature Selection in the Framework of Correlation Filtering. Recent Advances in Electrical and Electronic Engineering, 2020, 13, 1068-1077.	0.3	1
3249	Sea Surface Target Tracking Based on Improved KCF Algorithm. , 2020, , .		0
3250	Robust and Long-Term High-Speed Operational Status Inspection of Pantograph-OCS in Complex Environments. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	2

#	ARTICLE	IF	CITATIONS
3251	Distilled Siamese Networks for Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 8896-8909.	13.9	61
3252	Long-Term Person Tracking for Unmanned Aerial Vehicle Based on Human-Machine Collaboration. IEEE Access, 2021, 9, 161181-161193.	4.2	4
3253	Detecting and Tracking Small and Dense Moving Objects in Satellite Videos: A Benchmark. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	27
3255	M ⁵ L: Multi-Modal Multi-Margin Metric Learning for RGBT Tracking. IEEE Transactions on Image Processing, 2022, 31, 85-98.	9.8	30
3256	A Novel Hybrid Level Set Model for Non-Rigid Object Contour Tracking. IEEE Transactions on Image Processing, 2022, 31, 15-29.	9.8	3
3257	Histograms of oriented mosaic gradients for snapshot spectral image description. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 183, 79-93.	11.1	13
3258	Learning edges and adaptive surroundings for discriminant segmentation tracking. , 2022, 121, 103309.		3
3259	Multi-domain learning target tracking algorithm based on objective regression optimization. , 2021, , .		0
3260	SORT with Depth Image Based Pedestrian Tracking Robots. , 2021, , .		1
3261	Adaptive Multiple Features Spatially Regularized Correlation Filters for Visual Tracking. , 2021, , .		0
3262	Algorithms Based On Correlation Filter In Target Tracking: A Survey. , 2021, , .		2
3263	Accurate Visual Tracking with Attention Feature Fusion. , 2021, , .		2
3264	Laparoscopic Scene Reconstruction Based on Multiscale Feature Patch Tracking Method. , 2021, , .		3
3265	Target tracking algorithm based on image matching and improved kernel correlation filter. , 2021, , .		2
3266	A Multi-target Tracking Algorithm for Fast-moving Workpieces Based on Event Camera. , 2021, , .		0
3267	Is First Person Vision Challenging for Object Tracking?. , 2021, , .		6
3268	SiamSTA: Spatio-Temporal Attention based Siamese Tracker for Tracking UAVs. , 2021, , .		12
3269	A Visual Target Tracking Algorithm Integrating Attention Mechanism. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
3270	The Ninth Visual Object Tracking VOT2021 Challenge Results. , 2021, , .		38
3271	A Real-time Anti-distractor Infrared UAV Tracker with Channel Feature Refinement Module. , 2021, , .		5
3272	GIAOTracker: A comprehensive framework for MCMOT with global information and optimizing strategies in VisDrone 2021. , 2021, , .		33
3273	A Unified Approach for Tracking UAVs in Infrared. , 2021, , .		6
3274	Object Tracking Algorithm with Two-way Parallel Fully-convolutional Siamese Networks. , 2021, , .		0
3275	Siamese anchor-free object tracking with multiscale spatial attentions. Scientific Reports, 2021, 11, 22908.	3.3	21
3276	Kernelized Lagrangian particle tracking. Experiments in Fluids, 2021, 62, 1.	2.4	3
3277	Real-time detection and tracking of fish abnormal behavior based on improved YOLOV5 and SiamRPN++. Computers and Electronics in Agriculture, 2022, 192, 106512.	7.7	69
3278	Revealing Sea Turtle Behavior in Relation to Fishing Gear Using Color-Coded Spatiotemporal Motion Patterns With Deep Neural Networks. Frontiers in Marine Science, 2021, 8, .	2.5	0
3279	Feature Fusion with Deep Neural Network in Kernelized Correlation Filters Tracker. , 2021, , .		1
3280	Application of ID Assignment Features in Rosebrocks' Simple Object Tracker. , 2021, , .		0
3281	Hierarchical Active Tracking Control for UAVs via Deep Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 10595.	2.5	7
3282	Object localization through a single multiple-model switching CNN and a superpixel training approach. Applied Soft Computing Journal, 2022, 115, 108166.	7.2	2
3283	A survey of crowd counting and density estimation based on convolutional neural network. Neurocomputing, 2022, 472, 224-251.	5.9	45
3284	A Novel Vision-Based PRPL Multistage Image Processing Algorithm for Autonomous Aerial Refueling. Wireless Communications and Mobile Computing, 2021, 2021, 1-13.	1.2	2
3285	A Novel Guided Anchor Siamese Network for Arbitrary Target-of-Interest Tracking in Video-SAR. Remote Sensing, 2021, 13, 4504.	4.0	7
3286	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
3287	Critical Overview of Visual Tracking with Kernel Correlation Filter. Technologies, 2021, 9, 93.	5.1	3

#	ARTICLE	IF	CITATIONS
3288	Long-Term Target Tracking of UAVs Based on Kernelized Correlation Filter. Mathematics, 2021, 9, 3006.	2.2	4
3289	A robust correlation filter tracking method based on adaptive model updating. , 2021, , .		0
3290	UAV-based autonomous detection and tracking of beyond visual range (BVR) non-stationary targets using deep learning. Journal of Real-Time Image Processing, 2022, 19, 345-361.	3.5	4
3291	Kernelised correlation filters target tracking fused multi- ϵ -feature based on the unmanned aerial vehicle platform. IET Wireless Sensor Systems, 2022, 12, 1.	1.7	0
3292	An introduction on distinguish tracking frameworks: methods and experiments. , 2021, , .		0
3293	A Visual Navigation Framework for the Aerial Recovery of UAVs. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	8
3294	Deep Learning Based Visual Object Tracking. , 2021, , 129-189.		0
3295	Local Hybrid Navigation System of Tethered High-Altitude Platform. Lecture Notes in Computer Science, 2021, , 67-79.	1.3	3
3296	Correlation Filter Based Visual Object Tracking. , 2021, , 45-83.		0
3298	Unsupervised Deep Hyperspectral Video Target Tracking and High Spectral-Spatial-Temporal Resolution (H ³) Benchmark Dataset. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	15
3299	Spatial-Temporal Regularized Correlation Filter with Precise State Estimation for Visual Tracking. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, , .	0.3	0
3301	Learning Context Restrained Correlation Tracking Filters via Adversarial Negative Instance Generation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6132-6145.	11.3	2
3302	Anti-UAV: A Large-Scale Benchmark for Vision-Based UAV Tracking. IEEE Transactions on Multimedia, 2023, 25, 486-500.	7.2	14
3305	Joint Classification and Regression for Visual Tracking with Fully Convolutional Siamese Networks. International Journal of Computer Vision, 2022, 130, 550-566.	15.6	16
3306	Adaptive target tracking based on channel attention and multi-hierarchical convolutional features. Pattern Analysis and Applications, 2022, 25, 305-313.	4.6	2
3307	Human Inertial Thinking Strategy: A Novel Fuzzy Reasoning Mechanism for IoT-Assisted Visual Monitoring. IEEE Internet of Things Journal, 2023, 10, 3735-3748.	8.7	40
3308	An Adaptive Kernel based Correlation Filter Algorithm for Real Time Object Tracking. , 2020, , .		0
3309	Correlation Filter for Object Tracking Method Based on Multi-Template Update. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
3310	Optimization Method of Target Detection and Tracking System for Mobile Robot. , 2020, , .		0
3311	Robust Visual Tracking Based On Convolutional Sparse Coding. , 2020, , .		1
3312	Online Multiple Object Tracking Using Single Object Tracker and Maximum Weight Clique Graph. , 2020, , .		0
3313	Edge pre-processing of traffic surveillance video for bandwidth and privacy optimization in smart cities. , 2020, , .		3
3314	F-Siamese Tracker: A Frustum-based Double Siamese Network for 3D Single Object Tracking. , 2020, , .		11
3315	Detection-Aware Trajectory Generation for a Drone Cinematographer. , 2020, , .		9
3316	Siamese Network Object Tracking Algorithm Based on Squeeze-and-Excitation. , 2020, , .		0
3317	Dynamic Object Tracking for Self-Driving Cars Using Monocular Camera and LIDAR. , 2020, , .		7
3318	Human-Following of Mobile Robots Based on Object Tracking and Depth Vision. , 2020, , .		4
3319	Real-time Object Tracking Based on Improved Adversarial Learning. , 2020, , .		0
3320	Instance-Based Learning for Human Action Recognition. , 2020, , .		1
3321	A Study on Sports Player Tracking based on Video using Deep Learning. , 2020, , .		3
3322	Self-supervised Object Tracking with Cycle-consistent Siamese Networks. , 2020, , .		7
3323	Learning Consistency Pursued Correlation Filters for Real-Time UAV Tracking. , 2020, , .		4
3324	A Correlation Particle Filter Target Tracking Algorithm Based on Adaptive Feature Fusion. , 2020, , .		0
3325	Global Image Correlation Filter with H-D Fusion Mechanism for Visual Tracking. , 2020, , .		0
3326	Multi-object tracking system using dissimilar apparatus in video sequence. , 2020, , .		0
3327	Kernelized Correlation Filtering algorithm fused with Kalman Filter. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
3328	A Study on the Laser Designator for the Missile System Using Semi-Active Laser Seeker. Journal of the Korea Institute of Military Science and Technology, 2020, 23, 466-474.	0.2	0
3329	A Tracking Algorithm with Dynamic Response Fusion Mechanism. , 2020, , .		0
3330	An Implementation of a Robust Visual Object Tracking System. , 2020, , .		0
3331	DR ² Track: Towards Real-Time Visual Tracking for UAV via Distractor Repressed Dynamic Regression. , 2020, , .		5
3332	Distilling Location Proposals of Unknown Objects through Gaze Information for Human-Robot Interaction. , 2020, , .		7
3333	Improved MDNET Tracker in Better Localization Accuracy. , 2020, , .		0
3334	Automatic Failure Recovery and Re-Initialization for Online UAV Tracking with Joint Scale and Aspect Ratio Optimization. , 2020, , .		3
3335	Research on Object Tracking Algorithm Based on KCF. , 2020, , .		1
3336	Learning spatial associate temporal correlation filter for visual tracking. , 2020, , .		0
3337	A Research on Typhoon Tracking System Based on Meteorological Remote Sensing. , 2020, , .		1
3338	A novel SLAM method for laparoscopic scene reconstruction with feature patch tracking. , 2020, , .		4
3339	Dual-template Siamese Network with Cross-Correlation Fusion for Tracking. , 2020, , .		2
3340	An adaptive scale estimation target tracking algorithm based on UAV. , 2020, , .		1
3341	Towards automatic monitoring of disease progression in sheep: A hierarchical model for sheep facial expressions analysis from video. , 2020, , .		7
3342	Summary of Pedestrian Traffic Statistics Research. , 2020, , .		1
3343	The Automatic Liquid Particles Detection for Injection. , 2020, , .		1
3344	Object tracking with dynamic weighting Siamese network. , 2020, , .		0
3345	Learning Aberrance Repressed and Temporal Regularized Correlation Filters for Visual Tracking. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
3346	TARA: Tracking with Aspect Ratio Adaptability. , 2020, , .		0
3347	CSASN: Learning Complementary Spatial-Aware Siamese Networks for Visual Object Tracking. , 2020, , .		0
3348	Extending Multi-Object Detection Ability using Correlative Filter. , 2020, , .		1
3349	Real-time tracking of visual objects based on deep feature fusion. , 2020, , .		0
3350	Multi-Scale Ship Tracking Based On Maritime Monitoring Platform. , 2020, , .		4
3351	Multi-Domain Network Performance Analysis for Vehicle Tracking in Aerial Video. , 2020, , .		0
3352	An Improved Object Tracking Algorithm Combining Spatio-Temporal Context and Selection Update. , 2020, , .		0
3353	FT-RCNN: Real-time Visual Face Tracking with Region-based Convolutional Neural Networks. , 2020, , .		1
3354	A Discriminative Single-Shot Segmentation Network for Visual Object Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 9742-9755.	13.9	8
3355	Deep Learning in Visual Tracking: A Review. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5497-5516.	11.3	24
3356	A Weak Target Tracking Algorithm Implement on Networked Multi-Agent Control Framework. , 2021, , .		0
3357	Target Tracking Algorithm of Similarity Detection Based on Correlation Filtering. , 2021, , .		0
3358	Scale-Adaptive Pothole Detection and Tracking from 3-D Road Point Clouds. , 2021, , .		4
3359	CRACT: Cascaded Regression-Align-Classification for Robust Tracking. , 2021, , .		12
3360	Monitoring Object Detection Abnormalities via Data-Label and Post-Algorithm Abstractions. , 2021, , .		4
3361	Robotic Guidance System for Visually Impaired Users Running Outdoors Using Haptic Feedback. , 2021, , .		3
3362	Object Tracking Algorithm of Fully-Convolutional Siamese Networks Using the Templates with Suppressed Background Information. , 2021, , .		1
3363	Target-visible Polynomial Trajectory Generation within an MAV Team. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
3364	Implementation and Latency Assessment of a Prototype for C-ITS Collective Perception. , 2021, , .		0
3365	Target Tracking Research Hotspots and Frontier Trends Based on Citespace. , 2021, , .		1
3366	Multi-Feature Integration and Occlusion Detect Mechanism Based Object Tracking Algorithm. , 2021, , .		0
3367	Multi object Tracking using Gradient-based Learning Model in Video-Surveillance. International Journal of Software Innovation, 2021, 9, 0-0.	0.4	0
3368	CODS: Cloud-assisted Object Detection for Streaming Videos on Edge Devices. , 2021, , .		0
3369	GRSiamFC: Group Residual Convolutional Siamese Networks for Object Tracking. , 2021, , .		0
3370	Correlation Filter Tracking via Global and Adaptive Local Parts. , 2021, , .		0
3371	The Depth feature adaptive fusion vision tracking algorithm based on game theory. , 2021, , .		0
3372	Method of fragment based tracking of displacement of a large areal object in images. Journal of Physics: Conference Series, 2021, 2061, 012113.	0.4	0
3373	Visual Tracking via Robust and Efficient Temporal Regularized Correlation Filters. , 2021, , .		0
3374	A Moving Target Tracking Algorithm Based on Multi-camera Coordination. , 2021, , .		1
3375	A multi-target tracking algorithm for objects thrown from high. , 2021, , .		1
3376	A Tractable Multi-target Detection Model for Line-of-Sight Measurements. , 2021, , .		0
3377	Visual tracking based on multi-cue framework and hierarchical aggregation. , 2021, , .		0
3378	A closed-loop FDSST algorithm based on SVM. , 2021, , .		0
3379	An Image Registration Method Based on Improved TLD and Improved ORB for Mobile Augmented Reality. , 2021, , .		1
3380	Multi-experts Joint Decision with Adaptive Model Updater for Robust Visual Tracking. International Journal of Computational Intelligence Systems, 2021, 14, .	2.7	2
3381	Dual attention mechanism object tracking algorithm based on Fully-convolutional Siamese network. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
3382	Automatic Drowsiness Detection for Preventing Road Accidents. , 2021, , .		1
3383	Aerial Small Object Tracking with Transformers. , 2021, , .		2
3384	Adaptive Eigenmodes for Robust Object Tracking. , 2021, , .		0
3385	Automated system for preventing suicides by train. , 2021, , .		1
3386	Joint Gabor histogram and vector graph association for aerial target anti-interference tracking. Journal of Optics (India), 0, , 1.	1.7	0
3387	CMC2R: Cross-modal collaborative contextual representation for RGBT tracking. IET Image Processing, 0, , .	2.5	3
3388	Ensemble siamese networks for object tracking. Neural Computing and Applications, 2022, 34, 8173-8191.	5.6	7
3389	Research on Anomaly Suppression Correlation Filtering Algorithm. IEEE Access, 2022, 10, 2457-2468.	4.2	0
3390	Feature Projection and SVR-Based Model Update for Object Tracking. International Journal of Pattern Recognition and Artificial Intelligence, 2022, 36, .	1.2	0
3391	Thermal Infrared Single-Pedestrian Tracking for Advanced Driver Assistance System. IEEE Transactions on Intelligent Vehicles, 2023, 8, 814-824.	12.7	7
3393	A background-aware correlation filter with adaptive saliency-aware regularization for visual tracking. Neural Computing and Applications, 2022, 34, 6359-6376.	5.6	15
3394	Real-Time 3D Single Object Tracking With Transformer. IEEE Transactions on Multimedia, 2023, 25, 2339-2353.	7.2	12
3395	Gesture objects detection and tracking for virtual text entry keyboard interface. Multimedia Tools and Applications, 2023, 82, 5317-5342.	3.9	3
3396	Supervised Machine Learning Approaches for Moving Object Tracking: A Survey. SN Computer Science, 2022, 3, .	3.6	1
3397	Visual Micro-Pattern Propagation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, PP, 1-1.	13.9	0
3398	Robust Facial-Based Inter-Beat Interval Estimation Through Spectral Signature Tracking and Periodic Filtering. Lecture Notes in Networks and Systems, 2022, , 161-171.	0.7	1
3399	Endometriosis detection and localization in laparoscopic gynecology. Multimedia Tools and Applications, 2022, 81, 6191-6215.	3.9	4
3400	Target Tracking and 3D Trajectory Reconstruction Based on Multicamera Calibration. Journal of Advanced Transportation, 2022, 2022, 1-8.	1.7	3

#	ARTICLE	IF	CITATIONS
3401	SatSOT: A Benchmark Dataset for Satellite Video Single Object Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	25
3402	Semantic and context features integration for robust object tracking. IET Image Processing, 2022, 16, 1268-1279.	2.5	2
3403	Response map evaluation for RGBT tracking. Neural Computing and Applications, 2022, 34, 5757-5769.	5.6	5
3404	Long-term visual tracking algorithm for UAVs based on kernel correlation filtering and SURF features. Visual Computer, 2023, 39, 319-333.	3.5	10
3405	A selective region-based detection and tracking approach towards the recognition of dynamic bare hand gesture using deep neural network. Multimedia Systems, 2022, 28, 861-879.	4.7	6
3406	Object-Aware Adaptive Convolution Kernel Attention Mechanism in Siamese Network for Visual Tracking. Applied Sciences (Switzerland), 2022, 12, 716.	2.5	2
3407	Quality Aware Features for Performance Prediction and Time Reduction in Video Object Tracking. IEEE Access, 2022, 10, 13290-13310.	4.2	2
3408	Siamese reciprocal classification and residual regression for robust object tracking. , 2022, 123, 103451.		4
3409	Visual Navigation Method for Carrier-based Aircraft Landing. Journal of Physics: Conference Series, 2022, 2166, 012005.	0.4	1
3410	GARAT: Generative Adversarial Learning for Robust and Accurate Tracking. Neural Networks, 2022, 148, 206-218.	5.9	9
3411	Video SAR Moving Target Tracking Using Joint Kernelized Correlation Filter. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1481-1493.	4.9	7
3412	Learning correlation filter with fused feature and reliable response for real-time tracking. Journal of Real-Time Image Processing, 2022, 19, 417-427.	3.5	2
3413	Visual Tracking by Adaptive Continual Meta-Learning. IEEE Access, 2022, 10, 9022-9035.	4.2	2
3414	Multiple Cues-Based Robust Visual Object Tracking Method. Electronics (Switzerland), 2022, 11, 345.	3.1	3
3415	Mask Detection and Social Distance Identification Using Internet of Things and Faster R-CNN Algorithm. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	32
3416	Rotation-aware correlation filters for robust visual tracking. Journal of Visual Communication and Image Representation, 2022, 83, 103422.	2.8	5
3417	Accurate bounding-box regression with distance-loU loss for visual tracking. Journal of Visual Communication and Image Representation, 2022, 83, 103428.	2.8	19
3418	Co-saliency-regularized correlation filter for object tracking. Signal Processing: Image Communication, 2022, 103, 116655.	3.2	5

#	ARTICLE	IF	CITATIONS
3419	LTST: Long-term segmentation tracker with memory attention network. Image and Vision Computing, 2022, 119, 104374.	4.5	4
3420	SCSTCF: Spatial-Channel Selection and Temporal Regularized Correlation Filters for visual tracking. Applied Soft Computing Journal, 2022, 118, 108485.	7.2	124
3421	Efficient joint model learning, segmentation and model updating for visual tracking. Neural Networks, 2022, 147, 175-185.	5.9	5
3422	An object tracking framework with recapture based on correlation filters and Siamese networks. Computers and Electrical Engineering, 2022, 98, 107730.	4.8	80
3423	Dual-stream collaborative tracking algorithm combined with reliable memory based update. Neurocomputing, 2022, 480, 39-60.	5.9	3
3424	D2T: A Framework For transferring detection to tracking. Pattern Recognition, 2022, 126, 108544.	8.1	1
3425	Robust DCF object tracking with adaptive spatial and temporal regularization based on target appearance variation. Signal Processing, 2022, 195, 108463.	3.7	1
3426	WAVE: Edge-Device Cooperated Real-Time Object Detection for Open-Air Applications. IEEE Transactions on Mobile Computing, 2023, 22, 4347-4357.	5.8	5
3427	Rotor Attitude Estimation for Spherical Motors Using Multiobject Kalman KCF Algorithm in Monocular Vision. IEEE Transactions on Industrial Electronics, 2023, 70, 265-275.	7.9	11
3428	Object detection and tracking. , 2022, , 243-278.		0
3429	Siamese Implicit Region Proposal Network With Compound Attention for Visual Tracking. IEEE Transactions on Image Processing, 2022, 31, 1882-1894.	9.8	19
3430	Multiple-Kernelized-Correlation-Filter-Based Track-Before-Detect Algorithm for Tracking Weak and Extended Target in Marine Radar Systems. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 3411-3426.	4.7	11
3431	Lightweight deep learning. , 2022, , 131-164.		2
3432	Bayesian Multi-Targets Strategy to Track Apis mellifera Movements at Colony Level. Insects, 2022, 13, 181.	2.2	0
3433	Robust object tracking via deformation samples generator. Journal of Visual Communication and Image Representation, 2022, 83, 103446.	2.8	3
3434	Object Tracking in Satellite Videos Based on Correlation Filter with Multi-Feature Fusion and Motion Trajectory Compensation. Remote Sensing, 2022, 14, 777.	4.0	12
3435	Learning Enhanced Feature Responses for Visual Object Tracking. Computational Intelligence and Neuroscience, 2022, 2022, 1-15.	1.7	1
3436	Target tracking method based on interference detection. IET Image Processing, 0, , .	2.5	2

#	ARTICLE	IF	CITATIONS
3437	Improved SiamFC Target Tracking Algorithm Based on Anti-Interference Module. Journal of Sensors, 2022, 2022, 1-11.	1.1	2
3438	Automated variety trial plot growth and flowering detection for maize and soybean using machine vision. Computers and Electronics in Agriculture, 2022, 194, 106727.	7.7	4
3439	SiamSMDFFF: Siamese network tracker based on shallow-middle-deep three-level feature fusion and clustering-based adaptive rectangular window filtering. Neurocomputing, 2022, 483, 160-170.	5.9	7
3440	Multi-level feature fusion for nucleus detection in histology images using correlation filters. Computers in Biology and Medicine, 2022, 143, 105281.	7.0	5
3441	Efficient Online Object Tracking Scheme for Challenging Scenarios. Sensors, 2021, 21, 8481.	3.8	8
3442	Moving object tracking in video by using fuzzy particle swarm optimization algorithm. Journal of Control, 2021, 14, 67-79.	0.1	0
3443	Siamese Cross-Domain Tracker Design for Seamless Tracking of Targets in RGB and Thermal Videos. IEEE Transactions on Artificial Intelligence, 2023, 4, 161-172.	4.7	1
3444	Auto-Perceiving Correlation Filter for UAV Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5748-5761.	8.3	4
3446	Convolutional Neural Networks Based Dictionary Pair Learning for Visual Tracking. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2022, E105.A, 1147-1156.	0.3	1
3447	PAE: Portable Appearance Extension for Multiple Object Detection and Tracking in Traffic Scenes. IEEE Access, 2022, 10, 37257-37268.	4.2	3
3448	Effective Local and Global Search for Fast Long-Term Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 460-474.	13.9	8
3449	An Accurate Visual Navigation Method for Wheeled Robot in Unstructured Outdoor Environment Based on Virtual Navigation Line. Lecture Notes in Electrical Engineering, 2022, , 635-656.	0.4	2
3450	Deep Siamese Network With Motion Fitting for Object Tracking in Satellite Videos. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	14
3451	An Anti-Occlusion Background-Aware Correlation Filter. Computer Science and Application, 2022, 12, 746-754.	0.1	0
3452	Siamese Transformer Pyramid Networks for Real-Time UAV Tracking. , 2022, , .		40
3453	A UAV Target Prediction and Tracking Method Based on KCF and Kalman Filter Hybrid Algorithm. , 2022, , .		5
3454	RGBT Tracking by Fully-Convolutional Triple Networks with Cosine Embedding Loss. , 2022, , .		1
3455	UAV Target Tracking Algorithm Based on Kernel Correlation Filter. Lecture Notes in Electrical Engineering, 2022, , 1234-1243.	0.4	0

#	ARTICLE	IF	CITATIONS
3456	Duality-Gated Mutual Condition Network for RGBT Tracking. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-14.	11.3	33
3457	Modelling Ambiguous Assignments for Multi-Person Tracking in Crowds. , 2022, , .		27
3458	Correlation Filter-Based Visual Tracking with Multi-featured Adaptive Online Learning. , 2022, , .		0
3459	Global Instance Tracking: Locating Target More Like Humans. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 576-592.	13.9	5
3460	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
3461	Multi-scale Vehicle Tracking Algorithm with the Global Context Module. , 2022, , .		0
3463	Target-Distractor Aware Deep Tracking With Discriminative Enhancement Learning Loss. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6267-6278.	8.3	8
3464	Fast Multi-Shadow Tracking for Video-SAR Using Triplet Attention Mechanism. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	7
3465	Video Visual Relation Detection via 3D Convolutional Neural Network. IEEE Access, 2022, 10, 23748-23756.	4.2	3
3466	Target Tracking for High-Speed Railway Catenary Based on Correlation Filtering Algorithm. Lecture Notes in Electrical Engineering, 2022, , 243-250.	0.4	0
3467	Effect of Time Window Size for Converting Frequency Domain in Real-Time Remote Photoplethysmography Extraction. Lecture Notes in Computer Science, 2022, , 145-149.	1.3	2
3469	Neural Network Kalman Filtering for 3-D Object Tracking From Linear Array Ultrasound Data. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1691-1702.	3.0	9
3470	A Novel Algorithm Based on a Common Subspace Fusion for Visual Object Tracking. IEEE Access, 2022, 10, 24690-24703.	4.2	7
3471	Detecting and Tracking of Multiple Mice Using Part Proposal Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9806-9820.	11.3	1
3472	Visual Tracking With Siamese Network Based on Fast Attention Network. IEEE Access, 2022, 10, 35632-35642.	4.2	3
3473	DeepPlayer-Track: Player and Referee Tracking With Jersey Color Recognition in Soccer. IEEE Access, 2022, 10, 32494-32509.	4.2	7
3474	Spreading Fine-Grained Prior Knowledge for Accurate Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6186-6199.	8.3	11
3475	Visual Object Tracking Based on Light-Field Imaging in the Presence of Similar Distractors. IEEE Transactions on Industrial Informatics, 2023, 19, 2705-2716.	11.3	3

#	ARTICLE	IF	CITATIONS
3476	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
3477	Target re-location kernel correlation filtered visual tracking with fused deep feature. Multimedia Tools and Applications, 0, , 1.	3.9	0
3478	Target-Aware Deep Feature Compression for Power Intelligent Inspection Tracking. Journal of Electrical and Computer Engineering, 2022, 2022, 1-10.	0.9	0
3479	The Role of Compute in Autonomous Micro Aerial Vehicles: Optimizing for Mission Time and Energy Efficiency. ACM Transactions on Computer Systems, 0, , .	0.8	3
3480	Human Control Model Estimation in Physical Human-Machine Interaction: A Survey. Sensors, 2022, 22, 1732.	3.8	9
3481	Evaluation of Tracking Algorithms for Contrast Enhanced Ultrasound Imaging Exploration. , 2022, , .		4
3482	Design and Implementation of a Real-time Target Detection and Tracking System. , 2022, , .		0
3483	Robust Multimodal Remote Sensing Image Registration Based on Local Statistical Frequency Information. Remote Sensing, 2022, 14, 1051.	4.0	4
3484	Multi-Feature Single Target Robust Tracking Fused with Particle Filter. Sensors, 2022, 22, 1879.	3.8	2
3485	SiamMixer: A Lightweight and Hardware-Friendly Visual Object-Tracking Network. Sensors, 2022, 22, 1585.	3.8	4
3486	Second-Order Spatial-Temporal Correlation Filters for Visual Tracking. Mathematics, 2022, 10, 684.	2.2	4
3487	MCoTransT: Adaptive spatial continuity in visual tracking. IET Computer Vision, 0, , .	2.0	0
3488	Droneye System Using Collaborative Vagadrones. , 2022, , .		0
3489	Survey of Object Tracking Algorithm Based on Siamese Network. Journal of Physics: Conference Series, 2022, 2203, 012035.	0.4	5
3490	Robust visual tracking via adaptive feature channel selection. International Journal of Intelligent Systems, 2022, 37, 6951-6977.	5.7	4
3491	Long-time target tracking algorithm based on re-detection multi-feature fusion. IET Cyber-Systems and Robotics, 0, , .	1.8	0
3492	Cell-Based Target Localization and Tracking with an Active Camera. Applied Sciences (Switzerland), 2022, 12, 2771.	2.5	1
3493	Design and development of a vision-based system for detection, tracking and recognition of isolated dynamic bare hand gesticulated characters. Expert Systems, 2022, 39, .	4.5	8

#	ARTICLE	IF	CITATIONS
3494	Iterative Multiple Bounding-Box Refinements for Visual Tracking. Journal of Imaging, 2022, 8, 61.	3.0	1
3495	SiamSYB: simple yet better methods to enhance Siamese tracking. Multimedia Tools and Applications, 0, 1.	3.9	1
3496	Target tracking algorithm of intermittently updated template based on reliability evaluation. Journal of Physics: Conference Series, 2022, 2216, 012073.	0.4	0
3497	An object tracking algorithm based on adaptive particle filtering and deep correlation multi-model. , 2022, , .		0
3498	Probabilistic Matrix Factorization for Visual Tracking. Pattern Recognition and Image Analysis, 2022, 32, 57-66.	1.0	0
3499	Complex Sports Target Tracking with Machine Learning: Take Basketball as an Example. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	1
3500	Research on polarization imaging detection and tracking method of low-speed and small UAV targets. , 2022, , .		0
3501	High-performance UAVs visual tracking using deep convolutional feature. Neural Computing and Applications, 2022, 34, 13539-13558.	5.6	3
3502	Context and saliency aware correlation filter for visual tracking. Multimedia Tools and Applications, 2022, 81, 27879-27893.	3.9	6
3503	Visual Object Tracking for Unmanned Aerial Vehicles Based on the Template-Driven Siamese Network. Remote Sensing, 2022, 14, 1584.	4.0	3
3504	Research on deep correlation filter tracking based on channel importance. Eurasip Journal on Advances in Signal Processing, 2022, 2022, .	1.7	1
3505	Research on Anti-Occlusion Correlation Filtering Tracking Algorithm Based on Adaptive Scale. Information (Switzerland), 2022, 13, 131.	2.9	0
3506	Delayed rectification of discriminative correlation filters for visual tracking. Visual Computer, 0, , 1.	3.5	2
3507	Real-Time Ship Tracking under Challenges of Scale Variation and Different Visibility Weather Conditions. Journal of Marine Science and Engineering, 2022, 10, 444.	2.6	6
3508	Accurate visual representation learning for single object tracking. Multimedia Tools and Applications, 2022, 81, 24059-24079.	3.9	2
3509	Automatic aircraft avoidance for laser uplink safety. , 2022, , .		5
3510	Research on a fast infrared dim small targets detection and tracking method combining pipeline filter and kernelized correlation filter. , 2022, , .		0
3511	Dual integration of multi-â€model with spatial-â€temporal occlusion-â€awareness for visual object tracking. IET Image Processing, 0, , .	2.5	1

#	ARTICLE	IF	CITATIONS
3512	A flow-guided self-calibration Siamese network for visual tracking. Visual Computer, 2023, 39, 625-637.	3.5	2
3513	The Detection and Following of Human Legs Based on Feature Optimized HDBSCAN for Mobile Robot. Journal of Physics: Conference Series, 2022, 2216, 012009.	0.4	3
3514	RGB-T long-term tracking algorithm via local sampling and global proposals. Signal, Image and Video Processing, 2022, 16, 2221-2229.	2.7	1
3515	Resource and Response Aware Path Planning for Long-term Autonomy of Ground Robots in Agriculture. , 2022, 2, 1-33.		10
3516	Adaptive response maps fusion of correlation filters with anti-occlusion mechanism for visual object tracking. Eurasip Journal on Image and Video Processing, 2022, 2022, .	2.6	5
3517	Fingertip interactive tracking registration method for AR assembly system. Advances in Computational Intelligence, 2022, 2, 1.	1.1	2
3518	RGBT tracking via reliable feature configuration. Science China Information Sciences, 2022, 65, 1.	4.3	6
3519	An improved kernel correlation filter for complex scenes target tracking. Multimedia Tools and Applications, 2022, 81, 20917-20944.	3.9	2
3520	Adaptive Visual Tracking via Temporal-Spatial Regularized Multi-Patches. , 2022, , .		1
3521	Machine-Learning-Based Real-Time Multi-Camera Vehicle Tracking and Travel-Time Estimation. Journal of Imaging, 2022, 8, 101.	3.0	3
3522	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
3523	Multibranch Adaptive Fusion Network for RGBT Tracking. IEEE Sensors Journal, 2022, 22, 7084-7093.	4.7	8
3524	Explaining away results in more robust visual tracking. Visual Computer, 0, , 1.	3.5	1
3525	Fast Tracking Algorithm Based on Spatial Regularization Correlation Filter. Information (Switzerland), 2022, 13, 184.	2.9	0
3526	IMSiam: IoU-aware Matching-adaptive Siamese network for object tracking. Neurocomputing, 2022, 492, 222-233.	5.9	7
3527	RGBT tracking based on cooperative low-rank graph model. Neurocomputing, 2022, 492, 370-381.	5.9	5
3528	Sports Target Tracking Based on Discriminant Correlation Filter and Convolutional Residual Network. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	1.2	0
3529	CIRNet: An improved RGBT tracking via cross-modality interaction and re-identification. Neurocomputing, 2022, 493, 327-339.	5.9	11

#	ARTICLE	IF	CITATIONS
3530	ACSiam: Asymmetric convolution structures for visual tracking with Siamese network. Journal of Visual Communication and Image Representation, 2022, 84, 103465.	2.8	7
3531	Tracking by dynamic template: Dual update mechanism. Journal of Visual Communication and Image Representation, 2022, 84, 103456.	2.8	3
3532	Correlation filter tracking algorithm based on spatial-temporal regularization and context awareness. Applied Intelligence, 2022, 52, 17772-17783.	5.3	2
3533	Learning Spatio-Temporal Attention Based Siamese Network for Tracking UAVs in the Wild. Remote Sensing, 2022, 14, 1797.	4.0	4
3534	A Siamese Network for real-time object tracking on CPU. Software Impacts, 2022, 12, 100266.	1.4	0
3535	Critical Review and Road Map of Automated Methods for Earthmoving Equipment Productivity Monitoring. Journal of Computing in Civil Engineering, 2022, 36, .	4.7	13
3536	Exploring reliable visual tracking via target embedding network. Knowledge-Based Systems, 2022, 244, 108584.	7.1	6
3537	An efficient real-time target tracking algorithm using adaptive feature fusion. Journal of Visual Communication and Image Representation, 2022, 85, 103505.	2.8	5
3538	Vision-aware air-ground cooperative target localization for UAV and UGV. Aerospace Science and Technology, 2022, 124, 107525.	4.8	8
3539	Residual memory inference network for regression tracking with weighted gradient harmonized loss. Information Sciences, 2022, 597, 105-124.	6.9	6
3540	LookOut! Interactive Camera Gimbal Controller for Filming Long Takes. ACM Transactions on Graphics, 2022, 41, 1-16.	7.2	1
3541	Structural target-aware model for thermal infrared tracking. Neurocomputing, 2022, 491, 44-56.	5.9	17
3542	Feature adaptation-based multipeak-redetection spatial-aware correlation filter for object tracking. Neurocomputing, 2022, 488, 299-314.	5.9	5
3543	Learning residue-aware correlation filters and refining scale for real-time UAV tracking. Pattern Recognition, 2022, 127, 108614.	8.1	12
3544	Correlation filters based on spatial-temporal Gaussian scale mixture modelling for visual tracking. Neurocomputing, 2022, 492, 76-90.	5.9	3
3545	TRAT: Tracking by attention using spatio-temporal features. Neurocomputing, 2022, 492, 150-161.	5.9	7
3546	Learning Adaptive Spatial-Temporal Context-Aware Correlation Filters for UAV Tracking. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-18.	4.3	91
3547	An Unmanned Aerial Vehicle Video Object Tracking Algorithm Based on Siamese Attention Network. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
3548	An Improved Long-Term Anti-Masking Object Tracking Algorithm. , 2021, , .		0
3549	Long Time Target Tracking Algorithm Based on Multi Feature Fusion and Correlation Filtering. , 2021, , .		0
3550	Learning Target Candidate Association to Keep Track of What Not to Track. , 2021, , .		130
3551	Target tracking algorithm based on improved kernel correlation filtering. , 2021, , .		0
3552	HiFT: Hierarchical Feature Transformer for Aerial Tracking. , 2021, , .		113
3553	Complex Scene Tracking Algorithm Based on Multi-feature Fusion. , 2021, , .		0
3554	TransVG: End-to-End Visual Grounding with Transformers. , 2021, , .		117
3555	Learning to Track Objects from Unlabeled Videos. , 2021, , .		31
3556	Polarization Gradient Histogram for Object Tracking in Infrared Polarization Imaging. , 2021, , .		0
3557	Transparent Object Tracking Benchmark. , 2021, , .		13
3558	Anti-occlusion and Scale Adaptive Target Tracking Algorithm Based on Kernel Correlation Filter. , 2021, , .		2
3559	Rethinking Self-supervised Correspondence Learning: A Video Frame-level Similarity Perspective. , 2021, , .		33
3560	Saliency-Associated Object Tracking. , 2021, , .		58
3561	Alpha Divergence based Siamese Network for Object Tracking. , 2021, , .		0
3562	Camouflaged target tracking based on a scaleadaptive correlation filter algorithm. , 2021, , .		0
3563	An Improved Object Tracking Algorithm Combining LCT Kernel Correlation Filtering and Kalman Prediction. , 2021, , .		1
3564	A Mutli-feature Correlation Filter Tracker with Different Hash Algorithm. , 2021, , .		0
3565	Deep Adaptive Few Example Learning for Microscopy Image Cell Counting. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
3566	Fast Object Tracking Using Micro Aerial Vehicles. , 2021, , .		1
3567	Object Tracking Method Based on Kalman Filter and Camshift Algorithm for UAV Applications. , 2021, , .		5
3568	Animal Tracking within a Formation of Drones. , 2021, , .		1
3569	Adaptive Saliency Aware Spatially-Regularized Correlation Filter for Object Tracking. , 2021, , .		0
3570	Design and Application of Digital Party Building Cloud Platform based on C# and Opencv. , 2021, , .		0
3571	Method for Estimating Time of Wireless Transfer of Energy Resources Between Two Robots. Informatics and Automation, 2021, 20, 1279-1306.	0.9	5
3572	Learning Residue-Aware Correlation Filters and Refining Scale Estimates with the GrabCut for Real-Time UAV Tracking. , 2021, , .		11
3573	Anti-Occlusion and Anti-deformation Hand Tracking Based on Kernel Correlation Filter. , 2021, , .		0
3574	Discriminative Siamese Tracker Based on Multi-Channel-Aware and Adaptive Hierarchical Deep Features. Symmetry, 2021, 13, 2329.	2.2	1
3575	Target tracking by improved ECO. , 2021, , .		0
3576	Modified Kernelized Correlation Filter Tracker Based on Saliency Detection and Reliability Judgment. , 2021, , .		0
3577	Enhanced Bounding Box Estimation with Distribution Calibration for Visual Tracking. Sensors, 2021, 21, 8100.	3.8	1
3578	Research on Target Tracking Algorithm of Twin Networks Integrating Attention Mechanism. Frontiers in Business, Economics and Management, 2021, 2, 78-81.	0.1	0
3579	Electric Power Monitor tracking algorithm based on Improved SiamFC. , 2021, , .		1
3580	Block-encoding-based quantum algorithm for linear systems with displacement structures. Physical Review A, 2021, 104, .	2.5	16
3581	Domain Adaptive Visual Tracking with Multi-scale Feature Fusion. , 2021, , .		0
3582	Correlation Filter Tracking based on Target Deformation and Occlusion. , 2021, , .		0
3583	Selective part-based correlation filter tracking algorithm with reinforcement learning. IET Image Processing, 2022, 16, 1208-1226.	2.5	0

#	ARTICLE	IF	CITATIONS
3584	Vision Sensor for Measuring Aerial Refueling Drogue Using Robust Method. IEEE Sensors Journal, 2021, 21, 28037-28049.	4.7	1
3585	A Two-Stage Method Based on Multiobjective Differential Evolution for Gene Selection. Computational Intelligence and Neuroscience, 2021, 2021, 1-16.	1.7	0
3586	UHP-SOT: An Unsupervised High-Performance Single Object Tracker. , 2021, , .		5
3587	Development of an Automatic Tracking Camera System Integrating Image Processing and Machine Learning. Journal of Robotics and Mechatronics, 2021, 33, 1303-1314.	1.0	2
3588	Quantum algorithm for kernelized correlation filter. Science China Information Sciences, 2023, 66, .	4.3	9
3589	A Real-Time Object Tracking model based on Deeper Siamese Network. , 2020, , .		0
3590	Intelligent Inspection Method of Transmission Line Robot Based on Tower Image Registration and Object Tracking. , 2021, , .		0
3591	Deep Face Recognition for Intelligent Video Surveillance at Electrical Substations. , 2021, , .		0
3592	Alpine Skiing Tracking Method Based on Deep Learning and Correlation Filter. IEEE Access, 2022, 10, 39248-39260.	4.2	6
3593	Robust RGB-T Tracking via Graph Attention-Based Bilinear Pooling. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9900-9911.	11.3	8
3594	A lightweight convolutional network for infrared object detection and tracking. Journal of Physics: Conference Series, 2022, 2234, 012004.	0.4	0
3595	Dual Attentional Siamese Network for Visual Tracking. Displays, 2022, 74, 102205.	3.7	5
3596	Stable Gaze Tracking with Filtering Based on Internet of Things. Sensors, 2022, 22, 3131.	3.8	0
3597	Multi-Modal Sparse Tracking by Jointing Timing and Modal Consistency. International Journal of Pattern Recognition and Artificial Intelligence, 0, , .	1.2	0
3600	A Vision-Based Guidance Algorithm for Entering Buildings Through Windows for Delivery Drones. IEEE Aerospace and Electronic Systems Magazine, 2022, 37, 32-43.	1.3	2
3601	VOTA: A Heterogeneous Multicore Visual Object Tracking Accelerator Using Correlation Filters. IEEE Journal of Solid-State Circuits, 2022, 57, 3490-3502.	5.4	1
3602	Robust Online Dynamic Detection Method for PAC Operational Status of High-Speed Trains Based on Key Point Positioning. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	3
3603	All-Day Object Tracking for Unmanned Aerial Vehicle. IEEE Transactions on Mobile Computing, 2023, 22, 4515-4529.	5.8	20

#	ARTICLE	IF	CITATIONS
3604	Anti-Motion Remote Measurement of Heart Rate Based on Region Proposal Generation and Multi-Scale ROI Fusion. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	4
3605	Trine: Cloud-Edge-Device Cooperated Real-Time Video Analysis for Household Applications. IEEE Transactions on Mobile Computing, 2023, 22, 4973-4985.	5.8	4
3606	Multi-Object Tracking and Segmentation With Embedding Mask-Based Affinity Fusion in Hierarchical Data Association. IEEE Access, 2022, 10, 60643-60657.	4.2	7
3607	Clustertracker: An Efficiency-Focused Multiple Object Tracking Method. SSRN Electronic Journal, 0, , .	0.4	2
3608	MFGNet: Dynamic Modality-Aware Filter Generation for RGB-T Tracking. IEEE Transactions on Multimedia, 2023, 25, 4335-4348.	7.2	10
3609	RPformer: A Robust Parallel Transformer for Visual Tracking in Complex Scenes. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	22
3610	Semantic-aware spatial regularization correlation filter for visual tracking. IET Computer Vision, 2022, 16, 317-332.	2.0	4
3611	A Detection And Tracking System For Fisheye Videos From Traffic Intersections. , 2022, , .		2
3612	Interactive Mixed Reality Rendering on Holographic Pyramid. , 2022, , .		1
3613	Learning Multifeature Correlation Filter and Saliency Redetection for Long-Term Object Tracking. Symmetry, 2022, 14, 911.	2.2	3
3614	Learning attention modules for visual tracking. Signal, Image and Video Processing, 2022, 16, 2149-2156.	2.7	2
3615	A Fusion Algorithm of Object Detection and Tracking for Unmanned Surface Vehicles. Frontiers in Neurorobotics, 2022, 16, 808147.	2.8	3
3616	A New Framework for Multiple Deep Correlation Filters Based Object Tracking. , 2022, , .		3
3617	Triple attention and global reasoning Siamese networks for visual tracking. Machine Vision and Applications, 2022, 33, .	2.7	2
3618	Dynamic feature fusion with spatial-temporal context for robust object tracking. Pattern Recognition, 2022, 130, 108775.	8.1	12
3619	Online visual tracking via background-aware Siamese networks. International Journal of Machine Learning and Cybernetics, 0, , 1.	3.6	1
3620	Research on underwater target tracking method based on SIFT and KCF algorithm. , 2022, , .		1
3621	Learning reliable modal weight with transformer for robust RGBT tracking. Knowledge-Based Systems, 2022, 249, 108945.	7.1	17

#	ARTICLE	IF	CITATIONS
3622	Real-time detection and tracking of infrared small targets based on grid fast density peaks searching and improved KCF. Infrared Physics and Technology, 2022, 123, 104181.	2.9	9
3623	An Anti-UAV Long-Term Tracking Method with Hybrid Attention Mechanism and Hierarchical Discriminator. Sensors, 2022, 22, 3701.	3.8	4
3624	CMFTNet: Multiple fish tracking based on counterpoised JointNet. Computers and Electronics in Agriculture, 2022, 198, 107018.	7.7	13
3625	Vision and Trajectory-Based Dynamic Collision Prewarning Mechanism for Tower Cranes. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	10
3626	Multi-feature fusion tracking algorithm based on peak-context learning. Image and Vision Computing, 2022, 123, 104468.	4.5	5
3627	Gain Without Pain: Enabling Real-time Environmental Perception on 2x Mobile Devices in Multiplayer Augmented Reality. , 2021, , .		0
3628	LinkStream: A Liquidity Modeling System on Large-Scale Video Stream in Oilfield. , 2021, , .		0
3629	Adaptive Sampling-Based Moving Obstacle Avoidance for Cable-Driven Parallel Robots. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4983-4993.	5.8	3
3630	A lightweight convolutional network for infrared object tracking. , 2022, , .		0
3631	A method of real-temporal object tracking combined the temporal information and spatial information. Soft Computing, 0, , 1.	3.6	0
3632	Split-merge-excitation: a robust channel-wise feature attention mechanism applied to MDNet tracking. Multimedia Tools and Applications, 2022, 81, 40737-40754.	3.9	1
3633	Spatial and long-short temporal attention correlation filters for visual tracking. IET Image Processing, 0, , .	2.5	2
3634	Residual Network based Single Object Tracking. , 2022, , .		2
3635	Real-time driving style classification based on short-term observations. IET Communications, 2022, 16, 1393-1402.	2.2	3
3636	A Generic Algorithm for Position-Orientation Estimation with Microscopic Vision. IEEE Transactions on Instrumentation and Measurement, 2022, , 1-1.	4.7	1
3637	Intravascular Tracking of Micro-Agents Using Medical Ultrasound: Towards Clinical Applications. IEEE Transactions on Biomedical Engineering, 2022, 69, 3739-3747.	4.2	2
3638	Research progress and trend analysis of object tracking technology based on CiteSpace. , 2022, , .		0
3639	A Method for Maritime Target Tracking Based on Kernelized Spectral Filter. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
3640	Appearance Adaptive Visual Tracking Algorithm Based on the KCF and SURF Features. , 2022, , .		1
3641	Visual Tracking Method Based on Siamese Network with Multi-Feature Fusion. Automatic Control and Computer Sciences, 2022, 56, 150-159.	0.8	0
3642	Siamese tracker based on motion potential energy. , 2022, , .		0
3643	Real-Time Vehicle Classification and Tracking Using a Transfer Learning-Improved Deep Learning Network. Sensors, 2022, 22, 3813.	3.8	26
3644	Correlation Filters Based on Multi-Expert and Game Theory for Visual Object Tracking. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	9
3645	A Breast Ultrasound Tumor Detection Framework Using Convolutional Neural Networks. , 2022, , .		2
3646	LEAF + AIO: Edge-Assisted Energy-Aware Object Detection for Mobile Augmented Reality. IEEE Transactions on Mobile Computing, 2023, 22, 5933-5948.	5.8	4
3647	Object Tracking in Satellite Videos: A Spatial-Temporal Regularized Correlation Filter Tracking Method With Interacting Multiple Model. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	8
3648	Real-Time and Robust Visual Tracking with Scene-Perceptual Memory. SSRN Electronic Journal, 0, , .	0.4	0
3649	Generative Target Update for Adaptive Siamese Tracking. Lecture Notes in Computer Science, 2022, , 502-513.	1.3	0
3650	Target Detection and Adaptive Tracking Based on Multisensor Data Fusion in a Smoke Environment. , 2022, , .		1
3651	Siamese block attention network for online update object tracking. Applied Intelligence, 2023, 53, 3459-3471.	5.3	7
3652	Object Tracking and Geo-Localization from Street Images. Remote Sensing, 2022, 14, 2575.	4.0	5
3653	Research on Intelligent Vehicle Detection and Tracking Method Based on Multivision Information Fusion. Mobile Information Systems, 2022, 2022, 1-15.	0.6	0
3654	An unmanned aerial vehicle identification and tracking system based on weakly supervised semantic segmentation technology. Physical Communication, 2022, 54, 101758.	2.1	2
3655	Reinforced Tracker Based on Hierarchical Convolutional Features. IEICE Transactions on Information and Systems, 2022, E105.D, 1225-1233.	0.7	1
3656	Satellite Video Tracking by Multi-Feature Correlation Filters with Motion Estimation. Remote Sensing, 2022, 14, 2691.	4.0	5
3657	Visualization of Football Tactics with Deep Learning Models. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	1.2	2

#	ARTICLE	IF	CITATIONS
3658	Teacher-student knowledge distillation for real-time correlation tracking. Neurocomputing, 2022, 500, 537-546.	5.9	4
3659	Robotic Computing on FPGAs. Synthesis Lectures on Computer Architecture, 2021, , .	1.3	5
3660	Infrared Dim Small Target Tracking Based on Inter-frame Consistency Under Complex Background. , 2021, , .		1
3661	Research on Lightweight Deep Correlation Filter Tracking Algorithm Based on Fuzzy Decision. , 2021, , .		1
3662	Discriminative correlation filter tracking algorithm with Transformer based on a multi-frame Cross-Attention mechanism. , 2021, , .		0
3663	A Robust Human-Machine Hybrid Visual Tracking System. , 2021, , .		0
3664	Object Tracking Using Siamese Network-Based Reinforcement Learning. IEEE Access, 2022, 10, 63339-63352.	4.2	0
3665	Resilient Unscented Kalman Filtering Fusion With Dynamic Event-Triggered Scheme: Applications to Multiple Unmanned Aerial Vehicles. IEEE Transactions on Control Systems Technology, 2023, 31, 370-381.	5.2	13
3666	A Joint Siamese Attention-Aware Network for Vehicle Object Tracking in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	9
3667	Single Object Tracking in Satellite Videos: A Correlation Filter-Based Dual-Flow Tracker. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 6687-6698.	4.9	9
3668	Deep Learning Enabled Object Detection and Tracking Model for Big Data Environment. Computers, Materials and Continua, 2022, 73, 2541-2554.	1.9	0
3669	A Review of Vision-Based Traffic Semantic Understanding in ITSs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19954-19979.	8.0	49
3670	Local Homography Estimation on User-Specified Textureless Regions. Journal of Computer Science and Technology, 2022, 37, 615-625.	1.5	2
3671	A location-aware siamese network for high-speed visual tracking. Applied Intelligence, 0, , .	5.3	3
3672	Anti-Occlusion UAV Tracking Algorithm with a Low-Altitude Complex Background by Integrating Attention Mechanism. Drones, 2022, 6, 149.	4.9	9
3673	OfflineMOT: A Python package for multiple objects detection and tracking from bird view stationary drone videos. Journal of Open Source Software, 2022, 7, 4099.	4.6	1
3674	Scene images and text information-based object location of robot grasping. IET Cyber-Systems and Robotics, 2022, 4, 116-130.	1.8	1
3675	Event detection in surveillance videos: a review. Multimedia Tools and Applications, 2022, 81, 35463-35501.	3.9	9

#	ARTICLE	IF	CITATIONS
3676	An Enhanced Visual Object Tracking Approach based on Combined Features of Neural Networks, Wavelet Transforms, and Histogram of Oriented Gradients. Engineering, Technology & Applied Science Research, 2022, 12, 8745-8754.	1.9	2
3677	SCA-MMA: Spatial and Channel-Aware Multi-Modal Adaptation for Robust RGB-T Object Tracking. Electronics (Switzerland), 2022, 11, 1820.	3.1	1
3678	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
3679	A robust spatial-temporal correlation filter tracker for efficient UAV visual tracking. Applied Intelligence, 2023, 53, 4415-4430.	5.3	6
3680	Machine Vision-Based Ping Pong Ball Rotation Trajectory Tracking Algorithm. Computational Intelligence and Neuroscience, 2022, 2022, 1-12.	1.7	1
3681	A Method for Designated Target Anti-Interference Tracking Combining YOLOv5 and SiamRPN for UAV Tracking and Landing Control. Remote Sensing, 2022, 14, 2825.	4.0	3
3682	UAV Landing Platform Recognition Using Cognitive Computation Combining Geometric Analysis and Computer Vision Techniques. Cognitive Computation, 2023, 15, 392-412.	5.2	2
3683	Intranasal vaccination of hamsters with a Newcastle disease virus vector expressing the S1 subunit protects animals against SARS-CoV-2 disease. Scientific Reports, 2022, 12, .	3.3	2
3684	DESIGN AND EXPERIMENTAL RESEARCH OF HAND-“EYE COORDINATION CONTROL SYSTEM FOR ACUPUNCTURE ROBOT. Journal of Mechanics in Medicine and Biology, 2022, 22, .	0.7	1
3685	RANet: A Reliability-Guided Aggregation Network for Hyperspectral and RGB Fusion Tracking. Remote Sensing, 2022, 14, 2765.	4.0	7
3686	Robust correlation filter tracking based on response map analysis network. Signal Processing: Image Communication, 2022, 108, 116768.	3.2	1
3687	SiamAVOT: A High-performance Siamese Network Tracker for Aerial Visual Object Tracking. Journal of Physics: Conference Series, 2022, 2289, 012009.	0.4	0
3688	Vision-based estimation of the number of occupants using video cameras. Advanced Engineering Informatics, 2022, 53, 101662.	8.0	2
3689	A turnaround control system to automatically detect and monitor the time stamps of ground service actions in airports: A deep learning and computer vision based approach. Engineering Applications of Artificial Intelligence, 2022, 114, 105032.	8.1	7
3690	Two-Stage Multiple Object Detection Using Cnn and Correlative Filter for Accuracy Improvement. SSRN Electronic Journal, 0, , .	0.4	0
3693	Rank-Based Filter Pruning for Real-Time Deep Uav Trackers. SSRN Electronic Journal, 0, , .	0.4	0
3695	A Collaborative Learning Tracking Network for Remote Sensing Videos. IEEE Transactions on Cybernetics, 2023, 53, 1954-1967.	9.5	6
3696	Tracking With Mutual Attention Network. IEEE Transactions on Multimedia, 2023, 25, 5330-5343.	7.2	2

#	ARTICLE	IF	CITATIONS
3697	Siampra: An Effective Network for Uav Visual Tracking. SSRN Electronic Journal, 0, , .	0.4	0
3698	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
3700	Aggregating Correlation Filter with Multiple Kernels Learning for Robust Visual Object Tracking. , 2022, , .		0
3701	An Indeterministic Vision-Based State Observer for Growing Magnetic Microrobot Motion Status Estimation. , 2022, , .		1
3702	Visual Tracking with FPN Based on Transformer and Response Map Enhancement. Applied Sciences (Switzerland), 2022, 12, 6551.	2.5	4
3703	Ship tracking method for resisting similar shape information under satellite videos. Journal of Applied Remote Sensing, 2022, 16, .	1.3	1
3704	A robust target tracking algorithm based on spatial regularization and adaptive updating model. Complex & Intelligent Systems, 2023, 9, 285-299.	6.5	2
3705	A Small Object Tracking Method in Satellite Videos Based on Improved Kernel Correlation Filter. , 2022, , .		6
3706	RAMC: A Rotation Adaptive Tracker with Motion Constraint for Satellite Video Single-Object Tracking. Remote Sensing, 2022, 14, 3108.	4.0	6
3707	Shallow Layer Convolutional Features with Correlation Filters for UAV Object Tracking. Journal of Telecommunications and Information Technology, 2022, 2, 49-57.	0.4	0
3708	MobileTrack: Siamese efficient mobile network for high-speed UAV tracking. IET Image Processing, 2022, 16, 3300-3313.	2.5	4
3709	Lightweight Target-Aware Attention Learning Network-Based Target Tracking Method. Mathematics, 2022, 10, 2299.	2.2	2
3710	Visual Object Tracking Based on Adaptive Background-Awareness and Spatial Constraint. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	0
3711	Visual Object Tracking Based on Deep Neural Network. Mathematical Problems in Engineering, 2022, 2022, 1-9.	1.1	2
3712	Weakly supervised spatial-temporal attention network driven by tracking and consistency loss for action detection. Eurasip Journal on Image and Video Processing, 2022, 2022, .	2.6	1
3713	Correlation Filters Tissue Tracking with Application to Robotic Minimally Invasive Surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 0, , .	2.3	0
3714	Kernelized convolutional transformer network based driver behavior estimation for conflict resolution at unsignalized roundabout. ISA Transactions, 2023, 133, 13-28.	5.7	7
3715	Siamese Centerness Prediction Network for Real-Time Visual Object Tracking. Neural Processing Letters, 2023, 55, 1029-1044.	3.2	4

#	ARTICLE	IF	CITATIONS
3716	Siamese visual tracking combining granular level multi-scale features and global information. Knowledge-Based Systems, 2022, 252, 109435.	7.1	5
3717	Vision-Based Guidance for Tracking Multiple Dynamic Objects. Journal of Intelligent and Robotic Systems: Theory and Applications, 2022, 105, .	3.4	4
3718	An object tracking algorithm with adaptive template updating for visual tracking measurement system. , 2022, , .		0
3719	Exploiting temporal coherence for self-supervised visual tracking by using vision transformer. Knowledge-Based Systems, 2022, 251, 109318.	7.1	8
3720	Deep convolutional correlation iterative particle filter for visual tracking. Computer Vision and Image Understanding, 2022, 222, 103479.	4.7	3
3721	An overview of robust maritime situation awareness methods. , 2021, , .		2
3722	GASiam: Graph Attention Based Siamese Tracker for Infrared Anti-UAV. , 2022, , .		3
3723	Improvement of Kernel Correlation Filtering Algorithm Based on Kalman Filter. , 2022, , .		1
3724	Thermal infrared object tracking using correlation filters improved by level set. Signal, Image and Video Processing, 2023, 17, 791-797.	2.7	1
3725	Spatiotemporal regularization correlation filter with response feedback. Journal of Electronic Imaging, 2022, 31, .	0.9	0
3727	Visual object tracking: A survey. Computer Vision and Image Understanding, 2022, 222, 103508.	4.7	27
3728	Anti-Occlusion Target Tracking Based on Joint Confidence. Computer Journal, 0, , .	2.4	1
3729	Siamese Transformer Network: Building an autonomous real-time target tracking system for UAV. Journal of Systems Architecture, 2022, 130, 102675.	4.3	0
3730	A correlation filter tracking method with the addition of new temporal regular term suppression. , 2022, , .		0
3731	Learning background-aware and spatial-temporal regularized correlation filters for visual tracking. Applied Intelligence, 2023, 53, 7697-7712.	5.3	4
3732	Research on Target Tracking Algorithm Based on Kernel Correlation. International Journal of Circuits, Systems and Signal Processing, 2022, 16, 1093-1101.	0.3	0
3733	MC-HOG Correlation Tracking with Saliency Proposal. Proceedings of the AAAI Conference on Artificial Intelligence, 2016, 30, .	4.9	24
3734	A correlation filter tracking algorithm with adaptive model update strategy. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
3735	Adaptive Label-Constrained Correlation Filter for UAV Tracking. , 2022, , .		0
3736	A real-time visual tracking and distance measuring algorithm based on SSD. , 2022, , .		0
3737	Aero-Optical Image and Video Restoration Based on Mean Filter and Adversarial Network. , 2022, , .		1
3738	Visual Object Tracking: Algorithms and Prospectives. , 2022, , .		0
3739	Adaptive Multi-Feature Fusion Visual Target Tracking Based on Siamese Neural Network with Cross-Attention Mechanism. , 2022, , .		1
3740	A Background-Aware Tracker with Multi-Features Correlation Filters. , 2022, , .		0
3741	Target tracking based on staring multispectral imager. , 2022, , .		0
3742	Multi-Camera Vehicle Tracking System for AI City Challenge 2022. , 2022, , .		13
3743	Siamese Adaptive Transformer Network for Real-Time Aerial Tracking. , 2022, , .		1
3744	Exploring Motion Information for Distractor Suppression in Visual Tracking. , 2022, , .		1
3745	Object Tracking Performance Evaluation Method Based on Adaptive Threshold and Background Suppression. , 2022, , .		0
3746	Rank-Based Filter Pruning for Real-Time UAV Tracking. , 2022, , .		7
3747	Improved KCF algorithm and its application to target lost prediction. , 2022, , .		0
3748	FRATCF: Feature-Residue Real-Time UAV Tracking Based on Automatic Spatio-Temporal Regularization Correlation Filter. , 2022, , .		2
3749	Research on target tracking method based on deep reinforcement learning. , 2022, , .		0
3750	Deep Neural Network-based Single Object Tracking. , 2022, , .		0
3751	Complexity Metric Methodology of Infrared Image Sequence for Single-Object Tracking. Arabian Journal for Science and Engineering, 0, , .	3.0	0
3752	Learning Augmented Memory Joint Aberrance Repressed Correlation Filters for Visual Tracking. Symmetry, 2022, 14, 1502.	2.2	2

#	ARTICLE	IF	CITATIONS
3753	Scale space tracker with multiple features. Multimedia Tools and Applications, 0, , .	3.9	0
3754	A Siamese network-based tracking framework for hyperspectral video. Neural Computing and Applications, 2023, 35, 2381-2397.	5.6	1
3755	A novel approach for visual tracking based on occlusion recognition. , 0, 7, 124-133.		0
3756	Dim and Small Target Tracking Using an Improved Particle Filter Based on Adaptive Feature Fusion. Electronics (Switzerland), 2022, 11, 2457.	3.1	4
3758	Color-saliency-aware correlation filters with approximate affine transform for visual tracking. Visual Computer, 2023, 39, 4065-4086.	3.5	3
3759	Ensemble Learning-Based Multi-Cues Fusion Object Tracking in Complex Surveillance Environment. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	1
3760	Intelligent Grazing UAV Based on Airborne Depth Reasoning. Remote Sensing, 2022, 14, 4188.	4.0	11
3761	An Intelligent Vision-Based Tracking Method for Underground Human Using Infrared Videos. Symmetry, 2022, 14, 1750.	2.2	1
3762	Robust Correlation Tracking for UAV with Feature Integration and Response Map Enhancement. Remote Sensing, 2022, 14, 4073.	4.0	6
3763	A practical evaluation of correlation filter-based object trackers with new features. PLoS ONE, 2022, 17, e0273022.	2.5	0
3764	Real-time adaptive particle image velocimetry for accurate unsteady flow field measurements. Science China Technological Sciences, 2022, 65, 2143-2155.	4.0	2
3765	Multi-Template temporal information fusion for Siamese object tracking. IET Computer Vision, 2023, 17, 51-61.	2.0	1
3766	Robust template feature matching method using motion-constrained DCF designed for visual navigation in asteroid landing. Astrodynamics, 0, , .	2.4	1
3767	A person-following method based on monocular camera for quadruped robots. Biomimetic Intelligence and Robotics, 2022, 2, 100058.	2.0	4
3768	Fast and Robust Visual Tracking with Few-Iteration Meta-Learning. Sensors, 2022, 22, 5826.	3.8	1
3769	A learning-based, region of interest-tracking algorithm for catheter detection in echocardiography. Computerized Medical Imaging and Graphics, 2022, 100, 102106.	5.8	0
3770	Hybridization of Deep Convolutional Neural Network for Underwater Object Detection and Tracking Model. Microprocessors and Microsystems, 2022, 94, 104628.	2.8	5
3771	Target-aware and spatial-spectral discriminant feature joint correlation filters for hyperspectral video object tracking. Computer Vision and Image Understanding, 2022, 223, 103535.	4.7	2

#	ARTICLE	IF	CITATIONS
3772	Diminishing-feature attack: The adversarial infiltration on visual tracking. <i>Neurocomputing</i> , 2022, 509, 21-33.	5.9	4
3773	DASFTOT: Dual attention spatiotemporal fused transformer for object tracking. <i>Knowledge-Based Systems</i> , 2022, 256, 109897.	7.1	5
3774	Multi-layer Rotation Memory Model-based correlation filter for visual tracking. <i>Frontiers in Physics</i> , 0, 10, .	2.1	0
3775	Deep Feature Based Siamese Network for Visual Object Tracking. <i>Energies</i> , 2022, 15, 6388.	3.1	2
3776	The moving target tracking and segmentation method based on space-time fusion. <i>Multimedia Tools and Applications</i> , 2023, 82, 12245-12262.	3.9	1
3777	An Adaptive Padding Correlation Filter With Group Feature Fusion for Robust Visual Tracking. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 1845-1860.	13.1	4
3778	Recent advances of target tracking applications in aquaculture with emphasis on fish. <i>Computers and Electronics in Agriculture</i> , 2022, 201, 107335.	7.7	14
3779	Uncertain motion tracking via target-objectness proposal and memory validation. <i>Information Sciences</i> , 2022, 612, 780-795.	6.9	2
3780	Fully convolutional online tracking. <i>Computer Vision and Image Understanding</i> , 2022, 224, 103547.	4.7	10
3781	Inverse Sparse Object Tracking via Adaptive Representation. <i>Lecture Notes in Computer Science</i> , 2022, , 353-366.	1.3	0
3782	High Speed Safe Autonomous Landing Marker Tracking of Fixed Wing Drone Based on Deep Learning. <i>IEEE Access</i> , 2022, 10, 80415-80436.	4.2	6
3783	Adaptive Subsampling for ROI-Based Visual Tracking: Algorithms and FPGA Implementation. <i>IEEE Access</i> , 2022, 10, 90507-90522.	4.2	6
3784	Robust Real-Time Object Tracking System for Human-Following Quadruped Robot. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 388-397.	0.4	0
3785	A Systematic Review of Drone Based Road Traffic Monitoring System. <i>IEEE Access</i> , 2022, 10, 101537-101555.	4.2	20
3786	Asymmetric Global-Local Mutual Integration Network for RGBT Tracking. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-17.	4.7	9
3787	Robust Online Tracking With Meta-Updater. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022, , 1-15.	13.9	1
3788	Temporal Weighting Appearance-Aligned Network for Nighttime Video Retrieval. <i>IEEE Signal Processing Letters</i> , 2022, 29, 2008-2012.	3.6	0
3789	Tracker with Salient Aware Initialization Module. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 398-404.	0.4	0

#	ARTICLE	IF	CITATIONS
3790	A Robust VideoSAR Single Target Tracker by Integrating Correlation Filter and IMM-PDAF. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
3791	Feature Distillation Siamese Networks for Object Tracking. SSRN Electronic Journal, 0, , .	0.4	0
3792	Improved Kernel Correlation Filter Based Moving Target Tracking for Robot Grasping. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	8
3793	Exploiting Rank-Based Filter Pruning for Real-Time Uav Tracking. SSRN Electronic Journal, 0, , .	0.4	2
3794	Correlation Filter Tracker With Sample-Reliability Awareness and Self-Guided Update. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 118-131.	8.3	1
3795	Regression-Selective Feature-Adaptive Tracker for Visual Object Tracking. IEEE Transactions on Multimedia, 2023, 25, 5444-5457.	7.2	1
3796	Object Tracking in Satellite Videos: Correlation Particle Filter Tracking Method With Motion Estimation by Kalman Filter. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	10
3797	High-Performance Visual Tracking Based on High-Order Pooling Network. IEEE Access, 2022, 10, 102957-102967.	4.2	0
3798	Multifeature Fusion Tracking Algorithm Based on Self-Associative Memory Learning Mechanism. IEEE Access, 2022, 10, 100605-100614.	4.2	1
3799	Space Noncooperative Object Active Tracking With Deep Reinforcement Learning. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 4902-4916.	4.7	7
3800	Object Tracking in Satellite Videos Based on Siamese Network With Multidimensional Information-Aware and Temporal Motion Compensation. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
3801	Satellite Video Intrinsic Decomposition. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	2
3802	Self-Supervised Cross-Modal Distillation for Thermal Infrared Tracking. IEEE MultiMedia, 2022, 29, 80-96.	1.7	1
3803	Tapping stream tracking model using computer vision and deep learning to minimize slag carry-over in basic oxygen furnace. Electronic Research Archive, 2022, 30, 4015-4037.	0.9	2
3804	SMART: Vision-Based Method of Cooperative Surveillance and Tracking by Multiple UAVs in the Urban Environment. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 24941-24956.	8.0	3
3805	Vehicle Tracking on Satellite Video Based on Historical Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 7784-7796.	4.9	7
3806	DFAT: Dynamic Feature-Adaptive Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 43-58.	8.3	3
3807	Drone Surveillance Using Detection, Tracking andÂClassification Techniques. Lecture Notes in Computer Science, 2022, , 446-457.	1.3	1

#	ARTICLE	IF	CITATIONS
3808	Deep Learning-Based Object Tracking in Satellite Videos: A comprehensive survey with a new dataset. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 181-212.	9.6	11
3809	A Survey on Siamese Network: Methodologies, Applications, and Opportunities. IEEE Transactions on Artificial Intelligence, 2022, 3, 994-1014.	4.7	11
3810	Underwater Formation System Design and Implement for Small Spherical Robots. IEEE Systems Journal, 2023, 17, 1259-1269.	4.6	4
3811	An Image-Based Classification Module for Data Fusion Anti-drone System. Lecture Notes in Computer Science, 2022, , 422-433.	1.3	0
3812	Bidirectional Joint Attention Mechanism for Target Tracking Algorithm. , 2022, , .		0
3813	Improving tracking with a tracklet associator. , 2022, , .		0
3814	Efficient Hardware Implementation of Real-Time Object Tracking. , 2022, , .		0
3815	Research on Video Object Tracking Based on Improved Camshift Algorithm. , 2022, , .		1
3816	Transforming Model Prediction for Tracking. , 2022, , .		117
3817	Correlation-Aware Deep Tracking. , 2022, , .		48
3818	Unified Transformer Tracker for Object Tracking. , 2022, , .		43
3819	Transformer Tracking with Cyclic Shifting Window Attention. , 2022, , .		57
3820	MixFormer: End-to-End Tracking with Iterative Mixed Attention. , 2022, , .		176
3821	Unsupervised Learning of Accurate Siamese Tracking. , 2022, , .		33
3822	Unsupervised Domain Adaptation for Nighttime Aerial Tracking. , 2022, , .		34
3823	TCTrack: Temporal Contexts for Aerial Tracking. , 2022, , .		68
3824	SiamON: Siamese Tracking by Online Update Module and Non-local Pyramid Module. , 2022, , .		1
3825	Fisher Pruning for Real-Time UAV Tracking. , 2022, , .		4

#	ARTICLE	IF	CITATIONS
3826	A Real-time Visual Target Detection and Automatic Tracking Algorithm Based on YOLOv3 and DWSiamRPN. , 2022, , .		0
3827	Object Tracking in Satellite Videos Based on Improved Kernel Correlation Filter Assisted by Road Information. Remote Sensing, 2022, 14, 4215.	4.0	1
3828	Redefined target sample-based background-aware correlation filters for object tracking. Applied Intelligence, 2023, 53, 11120-11141.	5.3	1
3829	Stochastic Channel Decorrelation Network and Its Application to Visual Tracking. , 2022, , .		0
3830	Two-Space Spatial-Temporal Regularized Correlation Filters for UAV-Based Aerial Tracking. , 2022, , .		0
3831	Siamese network with a depthwise over-parameterized convolutional layer for visual tracking. PLoS ONE, 2022, 17, e0273690.	2.5	1
3832	Efficient Obstacle Detection and Tracking Using RGB-D Sensor Data in Dynamic Environments for Robotic Applications. Sensors, 2022, 22, 6537.	3.8	7
3833	Deep learning serves traffic safety analysis: A forwardâ€œlooking review. IET Intelligent Transport Systems, 2023, 17, 22-71.	3.0	6
3834	A Robust Visual Tracking Method Based on Reconstruction Patch Transformer Tracking. Sensors, 2022, 22, 6558.	3.8	3
3835	Mutation detection dual correlation filter with an object-awareness module for real-time target tracking. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, 1712.	1.5	1
3836	Robust Visual Tracking with Motion-Aware and Automatic Temporal Regularization. Neural Processing Letters, 0, , .	3.2	0
3837	Small Target Recognition and Tracking Based on UAV Platform. Sensors, 2022, 22, 6579.	3.8	5
3838	UStark: underwater image domain-adaptive tracker based on Stark. Journal of Electronic Imaging, 2022, 31, .	0.9	2
3839	Multi-view region proposal network predictive learning for tracking. Multimedia Systems, 0, , .	4.7	0
3840	Online bionic visual siamese tracking based on mixed time-event triggering mechanism. Multimedia Tools and Applications, 2023, 82, 15199-15222.	3.9	1
3841	Target tracking method of Siamese networks based on the broad learning system. CAAI Transactions on Intelligence Technology, 2023, 8, 1043-1057.	8.1	1
3842	A Lightweight and Accurate UAV Detection Method Based on YOLOv4. Sensors, 2022, 22, 6874.	3.8	5
3844	Contextâ€œaware Siamese network for object tracking. IET Image Processing, 2023, 17, 215-226.	2.5	2

#	ARTICLE	IF	CITATIONS
3845	Occlusion and Deformation Handling Visual Tracking for UAV via Attention-Based Mask Generative Network. Remote Sensing, 2022, 14, 4756.	4.0	5
3846	A dynamic infrared object tracking algorithm by frame differencing. Infrared Physics and Technology, 2022, , 104384.	2.9	3
3847	Visually Guided UGV for Autonomous Mobile Manipulation in Dynamic and Unstructured GPS-Denied Environments. Algorithms for Intelligent Systems, 2023, , 1-13.	0.6	0
3848	DATAr: depth augmented target redetection using kernelized correlation filter. Multimedia Systems, 0, , .	4.7	0
3849	<scp>Virtuoso</scp> : Energy- and Latency-Aware Streamlining of Streaming Videos on SOCs. ACM Transactions on Design Automation of Electronic Systems, 0, , .	2.6	0
3850	Discriminative Deep Non-Linear Dictionary Learning for Visual Object Tracking. Neural Processing Letters, 0, , .	3.2	0
3851	Contrastive Transformation for Self-supervised Correspondence Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2021, 35, 10174-10182.	4.9	12
3852	Model Uncertainty Guides Visual Object Tracking. Proceedings of the AAAI Conference on Artificial Intelligence, 2021, 35, 3581-3589.	4.9	4
3853	Object Fusion Tracking Based on Visible and Infrared Images Using Fully Convolutional Siamese Networks. , 2019, , .		17
3856	Visual Tracking via Hierarchical Deep Reinforcement Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2021, 35, 3315-3323.	4.9	15
3857	JFT: A Robust Visual Tracker Based on Jitter Factor and Global Registration. Lecture Notes in Computer Science, 2022, , 684-693.	1.3	0
3858	CMT: Context-Matching-Guided Transformer for 3D Tracking in Point Clouds. Lecture Notes in Computer Science, 2022, , 95-111.	1.3	2
3859	Real-Time Embedded Object Tracking with Discriminative Correlation Filters Using Convolutional Features. Lecture Notes in Computer Science, 2022, , 166-180.	1.3	0
3860	Semantic-Aware Fine-Grained Correspondence. Lecture Notes in Computer Science, 2022, , 97-115.	1.3	6
3861	FEAR: Fast, Efficient, Accurate and Robust Visual Tracker. Lecture Notes in Computer Science, 2022, , 644-663.	1.3	9
3862	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
3863	AiATrack: Attention in Attention for Transformer Visual Tracking. Lecture Notes in Computer Science, 2022, , 146-164.	1.3	54
3864	Few-Shot Video Object Detection. Lecture Notes in Computer Science, 2022, , 76-98.	1.3	5

#	ARTICLE	IF	CITATIONS
3865	Joint Feature Learning and Relation Modeling for Tracking: A One-Stream Framework. Lecture Notes in Computer Science, 2022, , 341-357.	1.3	85
3866	Robust Visual Tracking by Segmentation. Lecture Notes in Computer Science, 2022, , 571-588.	1.3	22
3867	Target Tracking Algorithm Based on Multi-feature Adaptive Fusion in Complex Scenes. , 2022, , .		0
3868	Road Vehicle Detection Based on Feature Fusion Between Frames. , 2022, , .		0
3869	PSR-Based Feature Adaptation with Anomaly Re-Prediction for Maritime Target Tracking. , 2022, , .		0
3870	Real-time TLD Target Tracking Algorithm Based on Improved Kernel Correlation Filtering for Maritime Targets. , 2022, , .		0
3871	Edge Assisted Real-time Instance Segmentation on Mobile Devices. , 2022, , .		2
3872	Dual-Modality Feature Extraction Network Based on Graph Attention for RGBT Tracking. , 2022, , .		0
3873	Hybrid modified marine predators algorithm with teaching-learning-based optimization for global optimization and abrupt motion tracking. Multimedia Tools and Applications, 2023, 82, 19793-19828.	3.9	4
3874	An Adaptive Dynamic Multi-Template Correlation Filter for Robust Object Tracking. Applied Sciences (Switzerland), 2022, 12, 10221.	2.5	4
3875	The online scene-adaptive tracker based on self-supervised learning. Multimedia Tools and Applications, 2023, 82, 15695-15713.	3.9	1
3876	Tracking of Overlapped Vehicles with Spatio-Temporal Shared Filter for High-Speed Stereo Vision. Journal of Robotics and Mechatronics, 2022, 34, 1033-1042.	1.0	1
3877	Real-time target classification and tracking by using outdoor PTZ cameras at the edge. , 2022, , .		0
3878	Visual Object Tracking in First Person Vision. International Journal of Computer Vision, 2023, 131, 259-283.	15.6	12
3880	Robust thermal infrared tracking via an adaptively multi-feature fusion model. Neural Computing and Applications, 2023, 35, 3423-3434.	5.6	25
3881	Auto-Learning Correlation-Filter-Based Target State Estimation for Real-Time UAV Tracking. Remote Sensing, 2022, 14, 5299.	4.0	0
3882	A Fast Adaptive Multi-Scale Kernel Correlation Filter Tracker for Rigid Object. Sensors, 2022, 22, 7812.	3.8	1
3883	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

#	ARTICLE	IF	CITATIONS
3884	VirtuaLot – A Case Study on Combining UAS Imagery and Terrestrial Video with Photogrammetry and Deep Learning to Track Vehicle Movement in Parking Lots. Remote Sensing, 2022, 14, 5451.	4.0	0
3885	Detection confidence driven multi-object tracking to recover reliable tracks from unreliable detections. Pattern Recognition, 2023, 135, 109107.	8.1	7
3886	Correspondence Matters for Video Referring Expression Comprehension. , 2022, , .		4
3887	Transformer-based moving target tracking method for Unmanned Aerial Vehicle. Engineering Applications of Artificial Intelligence, 2022, 116, 105483.	8.1	4
3888	A novel effectiveness evaluation method of smokescreen jamming based on the fusion of directional gradients and local texture features. AIP Advances, 2022, 12, 115107.	1.3	0
3889	3-D motion trajectory measurement for the target through a multi-UAVs system. Measurement: Journal of the International Measurement Confederation, 2022, 204, 112088.	5.0	3
3890	Typical advances of artificial intelligence in civil engineering. Advances in Structural Engineering, 2022, 25, 3405-3424.	2.4	24
3892	Multimodal object tracking by exploiting appearance and class information. Journal of Visual Communication and Image Representation, 2022, 89, 103669.	2.8	0
3893	Visual tracking with dumbbell selection network. Neurocomputing, 2023, 516, 77-91.	5.9	2
3894	Spatial – Spectral Weighted and Regularized Tensor Sparse Correlation Filter for Object Tracking in Hyperspectral Videos. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	38
3895	SiRi: A Simple Selective Retraining Mechanism for – Transformer-Based Visual Grounding. Lecture Notes in Computer Science, 2022, , 546-562.	1.3	8
3896	TFTN: A Transformer-Based Fusion Tracking Framework of Hyperspectral and RGB. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	10
3897	Q Estimation via the Discriminant Method Based on Error Modeling. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	1
3898	Infrared Thermographic Fault Detection Using Machine Vision With Convolutional Neural Network for Blast Furnace Chute. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	4
3899	A Comprehensive Review for Typical Applications Based Upon Unmanned Aerial Vehicle Platform. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 9654-9666.	4.9	26
3900	MaCLR: Motion-Aware Contrastive Learning of Representations for Videos. Lecture Notes in Computer Science, 2022, , 353-370.	1.3	3
3901	SiamHYPER: Learning a Hyperspectral Object Tracker From an RGB-Based Tracker. IEEE Transactions on Image Processing, 2022, 31, 7116-7129.	9.8	21
3902	3D Siamese Transformer Network for – Single Object Tracking on – Point Clouds. Lecture Notes in Computer Science, 2022, , 293-310.	1.3	15

#	ARTICLE	IF	CITATIONS
3903	Extremely Tiny Siamese Networks with Multi-level Fusions for Visual Object Tracking. , 2019, , .		3
3904	Feature-Aided Multitarget Tracking for Optical Belt Sorters. , 2019, , .		1
3905	Deep Correlation Filter based Real-Time Tracker. , 2019, , .		0
3906	Dynamic grasping parameter estimation based on feedforward radial basis function network. Shenzhen Daxue Xuebao (Ligong Ban)/Journal of Shenzhen University Science and Engineering, 2022, 39, 334-342.	0.2	0
3907	Multi-feature Based Estimation of Microstructure Position and Orientation. , 2022, , .		0
3908	A Planar Object Tracking Algorithm Based on Fully Convolutional Dense Network. , 2022, , .		0
3909	Multispectral Target Tracking with Robust Correlation and Optimal Position Prediction. Unmanned Systems, 2024, 12, 47-59.	3.6	0
3910	Visual tracking based on multi-feature fusion. , 2022, , .		0
3911	Detection of Defects in Power Grid Inspection Images Based on Multi-scale Fusion. Journal of Physics: Conference Series, 2022, 2363, 012013.	0.4	1
3912	Object Relocation Visual Tracking Based on Histogram Filter and Siamese Network in Intelligent Transportation. Sensors, 2022, 22, 8591.	3.8	2
3913	Research on the Correlation Filter Tracking Model Based on the Deep-Pruned Feature Network. Applied Sciences (Switzerland), 2022, 12, 11490.	2.5	0
3914	Assessing jugular venous compliance with optical hemodynamic imaging by modulating intrathoracic pressure. Journal of Biomedical Optics, 2022, 27, .	2.6	0
3915	Long-term Visual Tracking: Review and Experimental Comparison. , 2022, 19, 512-530.		7
3916	Tracking vision transformer with class and regression tokens. Information Sciences, 2023, 619, 276-287.	6.9	5
3917	A real-time high-precision object tracking algorithm based on SiamFC for UAV images. , 2022, , .		0
3918	Training Efficient Siamese Network with Probability Label for Object Tracking. , 2022, , .		0
3919	Learning Adaptive Spatial Regularization and Temporal-Aware Correlation Filters for Visual Object Tracking. Mathematics, 2022, 10, 4320.	2.2	0
3920	ER&DeepSORT: Pedestrian Multiobject Tracking with Enhanced Reidentification. IEEE Transactions on Electrical and Electronic Engineering, 0, , .	1.4	2

#	ARTICLE	IF	CITATIONS
3922	Visual Tracking With Reinforced Template Updating and Redetection Discriminator. IEEE Journal on Miniaturization for Air and Space Systems, 2023, 4, 70-75.	2.7	0
3923	EdgeDuet: Tiling Small Object Detection for Edge Assisted Autonomous Mobile Vision. IEEE/ACM Transactions on Networking, 2023, 31, 1765-1778.	3.8	3
3924	Apple orchard production estimation using deep learning strategies: A comparison of tracking-by-detection algorithms. Computers and Electronics in Agriculture, 2023, 204, 107513.	7.7	15
3925	Feature distillation Siamese networks for object tracking. Applied Soft Computing Journal, 2023, 132, 109912.	7.2	3
3926	RGB-T object tracking via sparse response-consistency discriminative correlation filters. Infrared Physics and Technology, 2023, 128, 104509.	2.9	5
3927	A UAV to UAV tracking benchmark. Knowledge-Based Systems, 2023, 261, 110197.	7.1	0
3928	Dynamic representation-based tracker for long-term pedestrian tracking with occlusion. Journal of Visual Communication and Image Representation, 2023, 90, 103710.	2.8	1
3929	Object semantic-guided graph attention feature fusion network for Siamese visual tracking. Journal of Visual Communication and Image Representation, 2023, 90, 103705.	2.8	2
3930	Spatio-temporal matching for siamese visual tracking. Neurocomputing, 2023, 522, 73-88.	5.9	2
3931	Underwater Object Tracking Based on Error Self-correction. Communications in Computer and Information Science, 2022, , 226-241.	0.5	0
3932	Adaptive Siamese Tracking with a Compact Latent Network. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-15.	13.9	6
3933	Intercity Railway Risk Space Anomaly Detection Based on Train Predeparture Key Frame Extraction and IADN Network. IEEE Sensors Journal, 2023, 23, 1693-1706.	4.7	5
3934	A ball-shaped target development and pose estimation strategy for a tracking-based scanning system. IEEE Transactions on Instrumentation and Measurement, 2022, , 1-1.	4.7	0
3935	Ensemble of Classification and Matching Models with Alpha-Refine for UAV Tracking. Communications in Computer and Information Science, 2022, , 125-135.	0.5	0
3936	Real-Time Infrared Target Tracking on Embedded Platform Based on Improved Staple Tracker. , 2022, , .		0
3937	Visual Long-Term Target Tracking Method Based on Uncertain Estimation Principle. , 2022, , .		0
3938	MLCFNet: Multi-Level Context Fusion Network for 3D Object Tracking. , 2022, , .		0
3939	The First Challenge on Moving Object Detection and Tracking in Satellite Videos: Methods and Results. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
3940	GUSOT: Green and Unsupervised Single Object Tracking for Long Video Sequences. , 2022, , .		2
3941	Discriminative Correlation Filter for Visual Tracking based on Asymmetric Relative Entropy. , 2022, , .		0
3942	Spectral-Spatial-Aware Transformer Fusion Network For Hyperspectral Object Tracking. , 2022, , .		4
3943	BS-SiamRPN: Hyperspectral Video Tracking based on Band Selection and the Siamese Region Proposal Network. , 2022, , .		8
3944	Correlation Filtering Tracking Method Based on Unsupervised Domain Adaptive. , 2022, , .		1
3945	Improved hyperspectral target tracking algorithm. , 2022, , .		1
3946	Scale Decision Network for Correlation Filter-based Tracking. , 2022, , .		1
3947	Adaptive Update Tracking Algorithm for Fast Motion Object. , 2022, , .		0
3948	Object tracking based on siamese network with multiple graph attentions. , 2022, , .		0
3949	Achieving Adaptive Visual Multi-Object Tracking with Unscented Kalman Filter. Sensors, 2022, 22, 9106.	3.8	6
3950	Shop Product Tracking and Early Fire Detection Using Edge Devices. Studies in Computational Intelligence, 2023, , 121-131.	0.9	0
3951	An Overview of Correlation-Filter and Deep-Learning Based Single Object Tracking. , 2022, , .		0
3952	High-fidelity ship imaging trajectory extraction via an instance segmentation model. , 2022, , .		1
3953	Marine Extended Target Tracking for Scanning Radar Data Using Correlation Filter and Bayes Filter Jointly. Remote Sensing, 2022, 14, 5937.	4.0	3
3954	Hyperspectral Video Target Tracking Based on Deep Features with Spectral Matching Reduction and Adaptive Scale 3D Hog Features. Remote Sensing, 2022, 14, 5958.	4.0	7
3955	Object Tracking Based on a Time-Varying Spatio-Temporal Regularized Correlation Filter With Aberrance Repression. IEEE Photonics Journal, 2022, 14, 1-20.	2.0	19
3956	Long-term tracking algorithm of soccer player based on kernelized correlation filter. , 2022, , .		0
3957	WATB: Wild Animal Tracking Benchmark. International Journal of Computer Vision, 2023, 131, 899-917.	15.6	4

#	ARTICLE	IF	CITATIONS
3958	UAV target following in complex occluded environments with adaptive multi-modal fusion. Applied Intelligence, 0, , .	5.3	0
3959	An extended TLD tracking algorithm using co-training learning for low frame rate videos. Multimedia Tools and Applications, 0, , .	3.9	0
3960	Complete solution for vehicle Re-ID in surround-view camera system. International Journal of Machine Learning and Cybernetics, 0, , .	3.6	0
3961	Spatial-temporal single object tracking with three-way decision theory. International Journal of Approximate Reasoning, 2023, 154, 38-47.	3.3	5
3962	ARCosmetics: a real-time augmented reality cosmetics try-on system. Frontiers of Computer Science, 2023, 17, .	2.4	0
3963	TMDiMP: Temporal Memory Guided Discriminative Tracker for UAV Object Tracking. Remote Sensing, 2022, 14, 6351.	4.0	0
3964	Robotic Vision for Human-Robot Interaction and Collaboration: A Survey and Systematic Review. ACM Transactions on Human-Robot Interaction, 2023, 12, 1-66.	4.1	19
3965	Research on student group tracking algorithm based on teaching scene. , 2022, , .		0
3966	Object Tracking with Channel Group Regularization and Smooth Constraints Using Improved Dynamic Convolution Kernels in ITS. Multimedia Tools and Applications, 0, , .	3.9	0
3967	Hyperspectral Video Target Tracking Based on Deep Edge Convolution Feature and Improved Context Filter. Remote Sensing, 2022, 14, 6219.	4.0	9
3968	Mixed Reality Annotation of Robotic-Assisted Surgery videos with real- time tracking and stereo matching. Computers and Graphics, 2023, 110, 125-140.	2.5	9
3969	Vision-Guided Object Recognition and 6D Pose Estimation System Based on Deep Neural Network for Unmanned Aerial Vehicles towards Intelligent Logistics. Applied Sciences (Switzerland), 2023, 13, 115.	2.5	2
3970	Template pool updating and feature combination object tracking. , 2022, , 103871.		0
3972	Domain Adaptive Transformer Tracking Under Occlusions. IEEE Transactions on Multimedia, 2023, 25, 1452-1461.	7.2	2
3973	A Day/Night Leader-Following Method Based on Adaptive Federated Filter for Quadruped Robots. Biomimetics, 2023, 8, 20.	3.3	1
3974	GOMT: Multispectral video tracking based on genetic optimization and multi-features integration. IET Image Processing, 2023, 17, 1578-1589.	2.5	4
3975	Discriminative appearance model with template spatial adjustment for visual object tracking. Soft Computing, 2023, 27, 9787-9800.	3.6	1
3976	A Siamese tracker with “dynamic”-static”-dual-template fusion and dynamic template adaptive update. Frontiers in Neurorobotics, 0, 16, .	2.8	0

#	ARTICLE	IF	CITATIONS
3977	Toward cooperative multi-agent video streaming perception. Scientia Sinica Informationis, 2023, 53, 46.	0.4	0
3978	A novel Siamese network object tracking algorithm based on tensor space mapping and memory-learning mechanism. Journal of Visual Communication and Image Representation, 2023, 91, 103742.	2.8	4
3979	WebUAV-3ÂM: A Benchmark for Unveiling the Power of Million-Scale Deep UAV Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, , 1-18.	13.9	1
3980	Siam Deep Feature KCF Method and Experimental Study for Pedestrian Tracking. Sensors, 2023, 23, 482.	3.8	1
3981	Robust Data Association Against Detection Deficiency for Semantic SLAM. IEEE Transactions on Automation Science and Engineering, 2024, 21, 868-880.	5.2	1
3982	Part-Aware Framework for Robust Object Tracking. IEEE Transactions on Image Processing, 2023, 32, 750-763.	9.8	6
3983	Spike-Event Object Detection for Neuromorphic Vision. IEEE Access, 2023, 11, 5215-5230.	4.2	1
3984	Visibleâ€“Infrared Dual-Sensor Fusion for Single-Object Tracking. IEEE Sensors Journal, 2023, 23, 4118-4128.	4.7	4
3985	DeepPCT: Single Object Tracking in Dynamic Point Cloud Sequences. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-12.	4.7	2
3986	Robust visual tracking using very deep generative model. Journal of Big Data, 2023, 10, .	11.0	4
3987	High-Accuracy and Low-Latency Tracker for UAVs Monitoring Tibetan Antelopes. Remote Sensing, 2023, 15, 417.	4.0	2
3988	High-resolution satellite video single object tracking based on thicksiam framework. GIScience and Remote Sensing, 2023, 60, .	5.9	2
3989	Learning channel-selective and aberrance repressed correlation filter with memory model for unmanned aerial vehicle object tracking. Frontiers in Neuroscience, 0, 16, .	2.8	0
3990	Two-stage multiple object detection using CNN and correlative filter for accuracy improvement. Heliyon, 2023, 9, e12716.	3.2	2
3991	Lightweight Tracking of Satellite Video Object Based on Saliency Enhancement Mechanism. IEEE Journal on Miniaturization for Air and Space Systems, 2023, 4, 100-104.	2.7	0
3992	Cows' legs tracking and lameness detection in dairy cattle using video analysis and Siamese neural networks. Computers and Electronics in Agriculture, 2023, 205, 107618.	7.7	10
3993	A fuzzy scheduler for MAS applied to object tracking. Engineering Applications of Artificial Intelligence, 2023, 119, 105796.	8.1	0
3994	Comparative Study on Correlation Filtering Algorithms for Sea Surface Target Tracking. , 2022, , .		0

#	ARTICLE	IF	CITATION
3995	Adaptive Multi-feature Fusion Improved ECO-HC Image Tracking Algorithm Based on Confidence Judgement for UAV Reconnaissance. , 2022, , .		0
3996	Adaptive Spatial Regularization Target Tracking Algorithm Based on Multifeature Fusion. Advances in Multimedia, 2022, 2022, 1-15.	0.4	0
3997	The Correlation Filter with Adaptive Spatial and Temporal Regularization for Inland Ship Tracking. , 2022, , .		0
3998	Detection and Tracking Method of Small-Sized UAV Based on YOLOv5. , 2022, , .		1
3999	Object Tracking in UAV Videos by Multi-Feature Correlation Filters with An Adaptive Update Strategy. , 2022, , .		0
4001	Tracking System for a Coal Mine Drilling Robot for Low-Illumination Environments. Applied Sciences (Switzerland), 2023, 13, 568.	2.5	2
4002	Correlation Filter of Multiple Candidates Match for Anti-Obscure Tracking in Unmanned Aerial Vehicle Scenario. Mathematics, 2023, 11, 163.	2.2	0
4003	Object Tracker Based on Siamese Network with Displacement Penalty and Template Update. , 2022, , .		0
4004	UAV Recognition and Tracking Method Based on YOLOv5. , 2022, , .		1
4005	Multi-target Tracker Using Combined Motion and Appearance Model for Radar Video Data. , 2022, , .		0
4006	Má»™t thuáºt toÃ¡n báºt bÃ¡m Ä»i tÆá»ng sá»-dá»¥ng Äa nguá»“n tÃ¡n hiá»u áº£nh. , 2022, , 32-41.		0
4007	Pedestrian Target Tracking Algorithm on Fusion Detection. , 2022, , .		0
4008	Contrastive-Siamese Collaborative Network for Visual Object Tracking. , 2022, , .		0
4009	SAR Ship Targets Detection Based on Correlation Filters. , 2021, , .		2
4010	Perception driven guidance modules for aerial manipulation. , 2023, , 141-157.		0
4011	Feature Complement for Visual Tracking Based on Global Feature Comparison. IEEE Access, 2023, 11, 11840-11848.	4.2	0
4012	Relative Positioning Method of Air-Ground Collaborative Robot. Lecture Notes in Electrical Engineering, 2023, , 1200-1208.	0.4	0
4013	Feature-comparison network for visual tracking. Applied Intelligence, 2023, 53, 18263-18276.	5.3	1

#	ARTICLE	IF	CITATIONS
4014	A New Siamese Heterogeneous Convolutional Neural Networks Based on Attention Mechanism and Feature Pyramid. IEEE Transactions on Cybernetics, 2024, 54, 13-24.	9.5	1
4015	A coupling method of learning structured support correlation filters for visual tracking. Visual Computer, 2024, 40, 181-199.	3.5	0
4016	Fear, anxiety and production in laying hens with healed keel bone fractures. Poultry Science, 2023, , 102514.	3.4	2
4017	Efficient Visual Tracking with Exemplar Transformers. , 2023, , .		22
4018	Anti-occlusion multi-object surveillance based on improved deep learning approach and multi-feature enhancement for unmanned smart grid safety. Energy Reports, 2023, 9, 594-603.	5.1	5
4019	A Multi-object Detection and Tracking Method Based on the Fusion of Lidar and Camera. , 2022, , .		0
4020	Deep Convolutional Correlation Filter Learning Toward Robust Visual Object Tracking. , 2022, , .		0
4021	Vision-based Adaptive Tracking Control of a Mobile Robot: Algorithms and Experimental Validation. , 2022, , .		0
4022	Combining Monocular Camera and 2D Lidar for Target Tracking Using Deep Convolution Neural Network based Detection and Tracking Algorithm. , 2022, , .		0
4023	Robust Visual Object Tracking in Clustered Environment. , 2022, , .		0
4024	BT Pool: The Best Template Pool for Target Tracking in Scale Space. , 2022, , .		0
4025	Vision Technology in Underwater: Applications, Challenges and Perspectives. , 2022, , .		0
4026	Adaptive Multi-scale Fusion Siamese Network for Visual Tracking. , 2022, , .		0
4027	Vehicle Object Tracking Based on Feature Fusion Siamese Network Under Unstructured Terrain for Unmanned Ground Vehicle. Lecture Notes in Electrical Engineering, 2023, , 2659-2670.	0.4	0
4028	Target Tracking Under Large-Scale Variation Based on UAV Platform. Lecture Notes in Electrical Engineering, 2023, , 2244-2253.	0.4	0
4029	Substitute Plastic Film with Kraft Paper in Automatic Pallet Wrapping: An AI Pipeline. Lecture Notes in Computer Science, 2023, , 282-296.	1.3	0
4030	Visual Active Tracking Algorithm for UAV Cluster Based on Deep Reinforcement Learning. Lecture Notes in Electrical Engineering, 2023, , 1047-1061.	0.4	0
4031	Visible and Infrared Object Tracking via Convolution-Transformer Network With Joint Multimodal Feature Learning. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	2

#	ARTICLE	IF	CITATIONS
4032	Brain-Inspired Remote Sensing Interpretation: A Comprehensive Survey. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 2992-3033.	4.9	7
4033	Surveillance with UAV Videos. , 0, , .		0
4034	FMT Selector: Fourier-Mellin Transformer with High Speed Rotating in Ship Target Detection and Tracking Based on Internet of Things and Wireless Sensor Network. Journal of Sensors, 2023, 2023, 1-8.	1.1	1
4035	Template-guided frequency attention and adaptive cross-entropy loss for UAV visual tracking. Chinese Journal of Aeronautics, 2023, , .	5.3	1
4036	Separable-programming based probabilistic-iteration and restriction-resolving correlation filter for robust real-time visual tracking. Engineering Applications of Artificial Intelligence, 2023, 120, 105901.	8.1	1
4037	Droge position measurement of autonomous aerial refueling based on embedded system. Sensors and Actuators A: Physical, 2023, 353, 114251.	4.1	3
4038	Exploiting spatial and temporal context for online tracking with improved transformer. Image and Vision Computing, 2023, 133, 104672.	4.5	0
4039	Hierarchical memory-guided long-term tracking with meta transformer inquiry network. Knowledge-Based Systems, 2023, 269, 110504.	7.1	1
4040	Learning spatial variance-key surrounding-aware tracking via multi-expert deep feature fusion. Information Sciences, 2023, 629, 502-519.	6.9	6
4041	Enhancing discriminative appearance model for visual tracking. Expert Systems With Applications, 2023, 219, 119670.	7.6	2
4042	A joint localâ€“global search mechanism for long-term tracking with dynamic memory network. Expert Systems With Applications, 2023, 223, 119890.	7.6	3
4043	Hyperspectral video target tracking based on pixel-wise spectral matching reduction and deep spectral cascading texture features. Signal Processing, 2023, 209, 109033.	3.7	8
4044	RGBT tracking using randomly projected CNN features. Expert Systems With Applications, 2023, 223, 119865.	7.6	0
4045	Adaptive spatial-temporal surrounding-aware correlation filter tracking via ensemble learning. Pattern Recognition, 2023, 139, 109457.	8.1	8
4046	A model adaptive updating kernel correlation filter tracker with deep CNN features. Engineering Applications of Artificial Intelligence, 2023, 123, 106250.	8.1	4
4047	Visual tracking in complex scenes: A location fusion mechanism based on the combination of multiple visual cognition flows. Information Fusion, 2023, 96, 281-296.	19.1	44
4048	Structure Recognition for Object Detection and Tracking Based on Star Catalogue. , 2022, , .		0
4049	Adaptive chaotic sampling particle filter to handle occlusion and fast motion in visual object tracking. , 2023, 134, 103933.		2

#	ARTICLE	IF	CITATIONS
4050	Video System With Automatic Tracking of the Object of Interest. , 2022, , .		0
4051	I-VITAL: Information aided visual tracking with adversarial learning. Displays, 2023, 77, 102372.	3.7	4
4052	Enhanced robust spatial feature selection and correlation filter learning for UAV tracking. Neural Networks, 2023, 161, 39-54.	5.9	8
4053	Indoor Mobile Robot Socially Concomitant Navigation System. Lecture Notes in Computer Science, 2022, , 485-495.	1.3	0
4054	A Vision-Based Navigation System With Markerless Image Registration and Position-Sensing Localization for Oral and Maxillofacial Surgery. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-11.	4.7	1
4055	PTZ Active Vision Method Based On BEBLID. Journal of Physics: Conference Series, 2023, 2437, 012104.	0.4	0
4056	Research on aircraft descent speed measurement based on camera array. , 2023, , .		0
4057	Target Tracking based on Kernelized Correlation Filter Using MWIR and SWIR Sensors. Journal of the Korea Institute of Military Science and Technology, 2023, 26, 22-30.	0.2	0
4058	Siamese Graph Attention Networks for robust visual object tracking. Computer Vision and Image Understanding, 2023, 229, 103634.	4.7	2
4059	LSFP-Tracker: An Autonomous Laser Stripe Feature Point Extraction Algorithm Based on Siamese Network for Robotic Welding Seam Tracking. IEEE Transactions on Industrial Electronics, 2024, 71, 1037-1048.	7.9	2
4060	Realtime Deepfake Detection using Video Vision Transformer. , 2022, , .		0
4061	Target detection and tracking of traffic flow at intersections with camera. , 2022, , .		0
4062	A Visual Tracking Algorithm Combining Parallel Network and Dual Attention-Aware Mechanism. IEEE Access, 2023, 11, 15831-15844.	4.2	2
4063	Research on target tracking algorithm based on multi-layer convolution feature fusion. , 2022, , .		0
4064	SCTN: Event-based object tracking with energy-efficient deep convolutional spiking neural networks. Frontiers in Neuroscience, 0, 17, .	2.8	1
4065	Real-time object tracking in the wild with Siamese network. Multimedia Tools and Applications, 0, , .	3.9	0
4066	Autonomous Object Tracking System of UAV Based on Correlation Filtering. Communications in Computer and Information Science, 2023, , 316-326.	0.5	0
4067	Image-Based Visual Servoing of Quadrotors to Arbitrary Flight Targets. IEEE Robotics and Automation Letters, 2023, 8, 2022-2029.	5.1	1

#	ARTICLE	IF	CITATIONS
4068	SOMPT22: A Surveillance Oriented Multi-pedestrian Tracking Dataset. Lecture Notes in Computer Science, 2023, , 659-675.	1.3	3
4069	Visual object tracking by using ranking loss and spatial-temporal features. Machine Vision and Applications, 2023, 34, .	2.7	0
4070	Learning Performance Models of Distributed Computer Vision Methods for Decision Making in Detection and Tracking Algorithms in UAVs. IEEE Internet of Things Journal, 2023, 10, 12486-12495.	8.7	1
4071	New quantum algorithm for visual tracking. Physica A: Statistical Mechanics and Its Applications, 2023, 615, 128587.	2.6	3
4072	Detection, tracking, and recognition of isolated multi-stroke gesticulated characters. Pattern Analysis and Applications, 0, , .	4.6	0
4073	MOSPPA: monitoring system for palletised packaging recognition and tracking. International Journal of Advanced Manufacturing Technology, 2023, 126, 179-195.	3.0	1
4074	Toward Robust Visual Object Tracking With Independent Target-Agnostic Detection and Effective Siamese Cross-Task Interaction. IEEE Transactions on Image Processing, 2023, 32, 1541-1554.	9.8	14
4075	Siamese object tracking based on multi-frequency enhancement feature. Visual Computer, 2024, 40, 261-271.	3.5	2
4076	Video analysis for tower crane production rate estimation. Journal of Information Technology in Construction, 2023, 28, 138-150.	2.1	1
4077	Whether and how congested is a road? Indices, updating strategy and a vision-based detection framework. IET Intelligent Transport Systems, 0, , .	3.0	0
4078	Suction Cup Array Working Also as Tactile Sensor to Detect Cups Deformation Using KCF and CNN. , 2023, , .		0
4079	Gaze Tracking 3-D Reconstruction of Object With Large-Scale Motion. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-12.	4.7	1
4080	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
4081	Robust Multi-Ship Tracker in SAR Imagery by Fusing Feature Matching and Modified KCF. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	1
4082	AdapTrack: An adaptive FairMOT tracking method applicable to marine ship targets. AI Communications, 2023, , 1-19.	1.2	0
4083	Structural local sparse and low-rank tracker using deep features. Multimedia Systems, 0, , .	4.7	0
4084	Motion trajectory tracking of athletes with improved depth information-based KCF tracking method. Multimedia Tools and Applications, 2023, 82, 26481-26493.	3.9	2
4085	Pedestrian Tracking in UAV Images With Kalman Filter Motion Estimator and Correlation Filter. IEEE Aerospace and Electronic Systems Magazine, 2023, 38, 4-19.	1.3	1

#	ARTICLE	IF	CITATIONS
4086	Infrared Face Part Tracking Based on Correlation Filtering. Lecture Notes in Electrical Engineering, 2023, , 3026-3035.	0.4	0
4087	Dynamic Target Tracking and Localization for Small UAV in Unstructured Outdoor Environment. Lecture Notes in Electrical Engineering, 2023, , 203-213.	0.4	0
4088	Detection and Location System of Dynamic Flying Small Target Based on Vision and Radar Sensor Fusion. Lecture Notes in Electrical Engineering, 2023, , 3620-3631.	0.4	0
4089	Learning Response-Consistent and Background-Suppressed Correlation Filters for Real-Time UAV Tracking. Sensors, 2023, 23, 2980.	3.8	2
4090	A Fast Hyperspectral Tracking Method via Channel Selection. Remote Sensing, 2023, 15, 1557.	4.0	1
4091	A target tracking system based on multi-camera information fusion. , 2022, , .		1
4092	Correlation Filtering Object Tracking Algorithm Based on Motion Estimation. , 2022, , .		0
4093	Kernel correlation filtering algorithm based on fractional Fourier transform. , 2022, , .		0
4094	SiamITO: A Lightweight Siamese Network for Infrared Tiny Object Tracking. , 2022, , .		0
4095	Adaptive Update Siamese Network Tracking Algorithm with Efficient Channel Attention. , 2022, , .		0
4096	Comparision and analysis of siamese network tracker family. , 2022, , .		0
4097	Hi-Speed Visual Servo Docking for Multicopter UAV based on Velocity Control Mode. , 2022, , .		0
4098	A Real-Time Vehicle Indoor Positioning Algorithm Based on Multi-Camera Perception. , 2022, , .		0
4099	Hyperspectral Video Tracker Based on Spectral Deviation Reduction and a Double Siamese Network. Remote Sensing, 2023, 15, 1579.	4.0	5
4100	PACR: Pixel Attention in Classification and Regression for Visual Object Tracking. Mathematics, 2023, 11, 1406.	2.2	0
4101	Online Learning-Based Hybrid Tracking Method for Unmanned Aerial Vehicles. Sensors, 2023, 23, 3270.	3.8	0
4102	Dynamic Obstacle Avoidance Method of USV Based on Secure ACO with Hazard Index. , 2022, , .		0
4103	Anti-Occlusion Target Tracking Algorithm Based on Fusion of Deep Features and Handcrafted Features. , 2022, , .		0

4105	Target Detection and Recognition for Traffic Congestion in Smart Cities Using Deep Learning-Enabled UAVs: A Review and Analysis. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 3995.	2.5	11
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#	ARTICLE	IF	CITATIONS
4122	èžâ€œæµ«æŒæœŒçš„â€œ”Ÿç½‘ç»œèŸŸç—æ³•ç»¼èž. Hongwai Yu Jiguang Gongcheng/Infrared and Laser Engineering, 2022, 51, 2		
4123	â€œâœœæ™¬äŸŸâœžè†æœ„ç%1â3/4èžâ€œç»œèŸŸç—æ³•. Hongwai Yu Jiguang Gongcheng/Infrared and Laser Engineering, 2022		
4124	UAV Chasing Based on YOLOv3 and Object Tracker for Counter UAV Systems. IEEE Access, 2023, 11, 34659-34673.	4.2	3
4125	Learning Spatial Regularization Correlation Filters With the Hilbert-Schmidt Independence Criterion in RKHS for UAV Tracking. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-12.	4.7	4
4126	Spatiotemporal key region transformer for visual tracking. Complex & Intelligent Systems, 0, , .	6.5	0
4127	Siamese Network Tracking Based on Feature Enhancement. IEEE Access, 2023, 11, 37705-37713.	4.2	2
4128	Multi-sensor based object tracking using enhanced particle swarm optimized multi-cue granular fusion. Multimedia Tools and Applications, 0, , .	3.9	0
4129	Template-update-based visual tracking for automatic cell manipulation in FluidFM. International Journal of Optomechatronics, 2023, 17, .	6.6	1
4130	Object-Tracking Algorithm Combining Motion Direction and Time Series. Applied Sciences (Switzerland), 2023, 13, 4835.	2.5	0
4131	AR Long-Term Tracking Combining Multi-Attention and Template Updating. Applied Sciences (Switzerland), 2023, 13, 5015.	2.5	1
4132	A real time target face tracking algorithm based on saliency detection and Camshift. Multimedia Tools and Applications, 0, , .	3.9	0
4133	SiamCAR-Kal: anti-occlusion tracking algorithm for infrared ground targets based on SiamCAR and Kalman filter. Machine Vision and Applications, 2023, 34, .	2.7	0
4134	The Lightweight Count System of Intensive Jellyfish Based on Deep Learning. International Journal of Pattern Recognition and Artificial Intelligence, 0, , .	1.2	0
4135	Multi-Object Tracking based on RGB-D Sensors. , 2023, , .		0
4136	Research on KCF Method of Scale Adaptation and Anti-Occlusion. Hans Journal of Data Mining, 2023, 13, 135-142.	0.1	0
4137	Robust Abnormal Human-Posture Recognition Using OpenPose and Multiview Cross-Information. IEEE Sensors Journal, 2023, 23, 12370-12379.	4.7	2
4138	Detection and tracking of floating objects based on spatial-temporal information fusion. Expert Systems With Applications, 2023, 225, 120185.	7.6	1
4139	Online intervention siamese tracking. Information Sciences, 2023, 637, 118954.	6.9	1

#	ARTICLE	IF	CITATIONS
4140	Learning Smooth Target-Aware Spatially Regularized Correlation Filters for UAV Tracking. , 2022, , .		0
4141	SiamHAS: Siamese Tracker with Hierarchical Attention Strategy for Aerial Tracking. Micromachines, 2023, 14, 893.	2.9	2
4142	Real-time and robust visual tracking with scene-perceptual memory. Journal of Visual Communication and Image Representation, 2023, , 103825.	2.8	0
4143	Learning Target Point Seeking Weights Spatialâ€Temporal Regularized Correlation Filters for Visual Tracking. Neural Processing Letters, 2023, 55, 7667-7687.	3.2	0
4144	SCSiam: spatial and channel attentional Siamese network for visual tracking. Soft Computing, 0, , .	3.6	0
4145	Aircraft Tracking Based on an Antidrift Multifilter Tracker in Satellite Video Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 4439-4456.	4.9	0
4146	An Improved Real-Time Object Tracking Algorithm Based on Deep Learning Features. IEICE Transactions on Information and Systems, 2023, E106.D, 786-793.	0.7	0
4147	Motion-Regularized Background-Aware Correlation Filter for Marine Radar Target Tracking. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	2
4149	Dynamic Learning Rate of Template Update for Visual Target Tracking. Mathematics, 2023, 11, 1988.	2.2	1
4150	Siamese infrared and visible light fusion network for RGB-T tracking. International Journal of Machine Learning and Cybernetics, 2023, 14, 3281-3293.	3.6	3
4151	Multi-template global re-detection based on Gumbel-Softmax in long-term visual tracking. Applied Intelligence, 0, , .	5.3	0
4152	Robust online learning based on siamese network for ship tracking. Scientific Reports, 2023, 13, .	3.3	1
4153	RMFNet: Redetection Multimodal Fusion Network for RGBT Tracking. Applied Sciences (Switzerland), 2023, 13, 5793.	2.5	0
4154	SPT: Single Pedestrian Tracking Framework with Re-Identification-Based Learning Using the Siamese Model. Sensors, 2023, 23, 4906.	3.8	1
4155	An improved dynamic programming tracking-before-detection algorithm based on LSTM network. Eurasip Journal on Advances in Signal Processing, 2023, 2023, .	1.7	0
4156	Development of Software for Managing Treadmills Based on Computer Vision. Studies in Systems, Decision and Control, 2023, , 325-339.	1.0	0
4157	High-Speed Tracking of Discriminative Correlation Filters Based on GPU. , 2023, , .		0
4158	Real-time recognition and localization method for deep-sea underwater object. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
4159	Intelligent Video Analytics for Human Action Recognition: The State of Knowledge. Sensors, 2023, 23, 4258.	3.8	2
4160	Intercity Rail Transit Platform Anomaly Detection Using Door Tracking-Based Key Frame Extraction and AnoDet Network. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-16.	4.7	0
4161	IRSDT: A Framework for Infrared Small Target Tracking with Enhanced Detection. Sensors, 2023, 23, 4240.	3.8	4
4162	Energy-Efficient Object Tracking Using Adaptive ROI Subsampling and Deep Reinforcement Learning. IEEE Access, 2023, 11, 41995-42011.	4.2	0
4163	Real-Time UAV Correlation Filter Based on Response-Weighted Background Residual and Spatio-Temporal Regularization. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	2
4164	Memory Network with Pixel-level Spatio-Temporal Learning for Visual Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2023, , 1-1.	8.3	0
4165	Robust cascaded-parallel visual tracking using collaborative color and correlation filter models. Multimedia Tools and Applications, 2024, 83, 33-59.	3.9	1
4166	Learning spatio-temporal discriminative model for affine subspace based visual object tracking. , 2023, 1, .		8
4167	A Novel AD-PDA-BACF Algorithm for Real-Time Moving Target Shadow Tracking Using ViSAR Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-17.	6.3	0
4168	RISTrack: Learning Response Interference Suppression Correlation Filters for UAV Tracking. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	1
4169	Fast Intrusion Detection in High Voltage Zone of Electric Power Operations Based on YOLO and Homography Transformation Algorithm. , 2023, , .		1
4170	Multi-task Probabilistic Regression with Overlap Maximization for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2023, , 1-1.	8.3	0
4171	ParallelTracker: A Transformer Based Object Tracker for UAV Videos. Remote Sensing, 2023, 15, 2544.	4.0	0
4172	Learning a Deep Ensemble Network With Band Importance for Hyperspectral Object Tracking. IEEE Transactions on Image Processing, 2023, 32, 2901-2914.	9.8	11
4173	SiamPRA: An Effective Network for UAV Visual Tracking. Electronics (Switzerland), 2023, 12, 2374.	3.1	3
4174	A Target Re-Identification Method Based on Shot Boundary Object Detection for Single Object Tracking. Applied Sciences (Switzerland), 2023, 13, 6422.	2.5	2
4175	A Robust Correlation Filtering Tracker Based on Joint Reliability Evaluation of Target Position Changes. Journal of Physics: Conference Series, 2023, 2508, 012022.	0.4	0
4177	Slight Aware Enhancement Transformer and Multiple Matching Network for Real-Time UAV Tracking. Remote Sensing, 2023, 15, 2857.	4.0	6

#	ARTICLE	IF	CITATIONS
4178	SAMF-TLD Based Pedestrian Multi-Target Tracking. , 2023, , .		0
4179	AMST2: aggregated multi-level spatial and temporal context-based transformer for robust aerial tracking. Scientific Reports, 2023, 13, .	3.3	0
4180	Object Tracking in UAV Videos by Multifeature Correlation Filters With Saliency Proposals. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 5538-5548.	4.9	0
4181	Cross-Drone Transformer Network for Robust Single Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2023, , 1-1.	8.3	0
4182	Motion Tracker Beta: A GUI based open-source motion tracking application. SoftwareX, 2023, 23, 101424.	2.6	1
4183	Siamese tracker with temporal information based on transformer-like feature fusion mechanism. Machine Vision and Applications, 2023, 34, .	2.7	1
4184	Optimized Small Waterbird Detection Method Using Surveillance Videos Based on YOLOv7. Animals, 2023, 13, 1929.	2.3	1
4185	Adaptive cascaded and parallel feature fusion for visual object tracking. Visual Computer, 2024, 40, 2119-2138.	3.5	0
4186	SiambAG: Band Attention Grouping-Based Siamese Object Tracking Network for Hyperspectral Videos. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-12.	6.3	6
4187	Deep learning enables parallel camera with enhanced- resolution and computational zoom imaging. PhotonIX, 2023, 4, .	13.5	4
4188	An Overview of Object Detection and Tracking Algorithms. , 0, , .		1
4189	Anonymising Video Data Collection at the Edge Using DeepDish. , 2023, , .		0
4190	Design, fabrication and experiment of dataset acquisition apparatus for dual imaging plane. Journal of Physics: Conference Series, 2023, 2519, 012018.	0.4	0
4191	Infrared Small Target Tracking Algorithm via Segmentation Network and Multistrategy Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-12.	6.3	7
4192	Towards Robust Visual Tracking for Unmanned Aerial Vehicle with Spatial Attention Aberration Repressed Correlation Filters. Drones, 2023, 7, 401.	4.9	1
4193	SiamDF: Tracking training data-free siamese tracker. Neural Networks, 2023, 165, 705-720.	5.9	0
4194	Coastal Ship Tracking with Memory-Guided Perceptual Network. Remote Sensing, 2023, 15, 3150.	4.0	0
4195	Realtime Vehicle Tracking Method Based on YOLOv5+DeepSORT. Computational Intelligence and Neuroscience, 2023, 2023, 1-11.	1.7	0

#	ARTICLE	IF	CITATIONS
4196	DASTSiam: Spatio-temporal fusion and discriminative enhancement for Siamese visual tracking. IET Computer Vision, 2023, 17, 1017-1033.	2.0	1
4197	A synergy of the adaptive whale optimization algorithm and differential evolution for abrupt motion tracking. Applied Soft Computing Journal, 2023, 144, 110554.	7.2	2
4198	Multi-objective tracking for smart substation onsite surveillance based on YOLO Approach and AKCF. Energy Reports, 2023, 9, 1429-1438.	5.1	1
4199	Approximate Kalman filtering by both M-robustified dynamic stochastic approximation and statistical linearization methods. Eurasip Journal on Advances in Signal Processing, 2023, 2023, .	1.7	0
4200	ãŸ°ã°Žç,ã...³æ»æ³ççš,,é«~é€Ÿã»¾ãfæ—çè½-èèžãš~ã¼°è©;ç©—æ³•. Laser and Optoelectronics Progress, 2023, 60, 12100260.	0.6	0
4201	ãŸ°ã°Žã°šãfç`ãž©æ£çš,,æ`jæžæ¼¾,çš»æš‘ã~Ÿæ—¹æ³•. Laser and Optoelectronics Progress, 2023, 60, 1210019.	0.6	0
4202	Smart IoT-based visual target enabled track and field training using image recognition. Soft Computing, 0, , .	3.6	0
4203	Vision-Based Hand Detection and Tracking Using Fusion of Kernelized Correlation Filter and Single-Shot Detection. Applied Sciences (Switzerland), 2023, 13, 7433.	2.5	3
4204	Online Learning Samples and Adaptive Recovery for Robust RGB-T Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2024, 34, 724-737.	8.3	1
4205	Ice hockey puck tracking through broadcast video. Neurocomputing, 2023, 551, 126484.	5.9	0
4206	Siamese Network with multi-scale fusion attention for Visual Tracking. Journal of Physics: Conference Series, 2023, 2478, 062031.	0.4	0
4207	Object Tracking in SWIR Imaging Based on Both Correlation and Robust Kalman Filters. IEEE Access, 2023, 11, 63834-63851.	4.2	1
4208	Long-term liver lesion tracking in contrast-enhanced ultrasound videos via a siamese network with temporal motion attention. Frontiers in Physiology, 0, 14, .	2.8	2
4209	Learning Background-Suppressed Dual-Regression Correlation Filters for Visual Tracking. Sensors, 2023, 23, 5972.	3.8	0
4210	Attacks on Acceleration-based Secure Device Pairing with Automatic Visual Tracking. IEEE Transactions on Information Forensics and Security, 2023, , 1-1.	6.9	0
4211	Updating Siamese trackers using peculiar mixup. Applied Intelligence, 0, , .	5.3	0
4212	Acoustic communication and imaging sonar guided AUV docking: system infrastructure, docking methodology and lake trials. Control Engineering Practice, 2023, 136, 105529.	5.5	7
4213	SiamMDM: An Adaptive Fusion Network With Dynamic Template for Real-Time Satellite Video Single Object Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-19.	6.3	5

#	ARTICLE	IF	CITATIONS
4214	Correlation filter tracking of channel response constraints. Journal of Physics: Conference Series, 2023, 2491, 012030.	0.4	0
4215	Learning discriminative correlation filters via saliency-aware channel selection for robust visual object tracking. Journal of Real-Time Image Processing, 2023, 20, .	3.5	0
4216	An Automated Skill Assessment Framework Based on Visual Motion Signals and a Deep Neural Network in Robot-Assisted Minimally Invasive Surgery. Sensors, 2023, 23, 4496.	3.8	1
4217	SiamADT: Siamese Attention and Deformable Features Fusion Network for Visual Object Tracking. Neural Processing Letters, 2023, 55, 7933-7950.	3.2	2
4218	Multi-view confidence-aware method for adaptive Siamese tracking with shrink-enhancement loss. Pattern Analysis and Applications, 2023, 26, 1407-1424.	4.6	2
4219	Target-Aware Transformer Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2023, , 1-1.	8.3	0
4220	Siamese global location-aware network for visual object tracking. International Journal of Machine Learning and Cybernetics, 0, , .	3.6	0
4221	End-to-End Traffic Monitoring and Management in Real-Time Road Traffic. , 2022, , .		0
4222	Developing Modular Autonomous Capabilities for sVAS Operations. , 2023, , .		0
4223	Research and Implementation of Multi-feature Tracking Algorithms. , 2022, , .		0
4224	Adaptive Part Mining for Robust Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, , 1-14.	13.9	1
4225	XGBoost-based model for predicting hydrogen content in electros slag remelting. Journal of Iron and Steel Research International, 2023, 30, 887-896.	2.8	1
4226	Visualâ€inertial object tracking: Incorporating camera pose into motion models. Expert Systems With Applications, 2023, 229, 120483.	7.6	2
4227	A Multitask Benchmark Dataset for Satellite Video: Object Detection, Tracking, and Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-21.	6.3	3
4228	Optimisation of occlusion data based on graph neural networks with joint objectives. , 2022, , .		0
4229	A comparison of point-tracking algorithms in ultrasound videos from the upper limb. BioMedical Engineering OnLine, 2023, 22, .	2.7	0
4230	Reliable interconnected channels for dynamic DCF based visual tracking. Multimedia Tools and Applications, 2024, 83, 839-859.	3.9	0
4231	A Multi-UAV Cooperative Ground Target Tracking System Based on a Two-Layer State Fusion Structure. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
4232	Recent Advances on Thermal Infrared Target Tracking: A Survey. , 2022, , .		1
4233	Intelligent Person Monitoring system of the UHV Power Infrastructure Line Construction site based on Deep Neural Networks. , 2023, , .		0
4234	Detection of Defective Lettuce Seedlings Grown in an Indoor Environment under Different Lighting Conditions Using Deep Learning Algorithms. Sensors, 2023, 23, 5790.	3.8	1
4235	Target recognition and tracking system based on UAV platform. Journal of Physics: Conference Series, 2023, 2478, 062010.	0.4	0
4236	SiamCAF: Complementary Attention Fusion-Based Siamese Network for RGBT Tracking. Remote Sensing, 2023, 15, 3252.	4.0	3
4237	Motion-Driven Tracking via End-to-End Coarse-to-Fine Verifying. IEEE Transactions on Circuits and Systems for Video Technology, 2024, 34, 1007-1019.	8.3	1
4239	Quadcopter Capable of Autonomously Chasing Micro-Aircraft with Real-Time Visual Tracker. , 2023, , .		0
4240	Transformer Meets Remote Sensing Video Detection and Tracking: A Comprehensive Survey. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 1-45.	4.9	3
4241	KCF-Based Identification Approach for Vibration Displacement of Double-Column Bents under Various Earthquakes. Structural Control and Health Monitoring, 2023, 2023, 1-22.	4.0	0
4242	Complementary features-aware attentive multi-adapter network for hyperspectral object tracking. , 2023, , .		0
4243	Robust Multi-Model Visual Tracking With Distractor-Aware Template-Coupled Correlation Filters Joint Learning. IEEE Transactions on Multimedia, 2024, 26, 1813-1828.	7.2	0
4244	Deep Reinforcement Learning Object Tracking Based on Actor-Double Critic Network. , 2023, , .		0
4245	Research on Target Tracking Algorithm of Micro-UAV Based on Monocular Vision. Journal of Robotics, 2023, 2023, 1-13.	0.9	0
4246	EFTrack: A Lightweight Siamese Network for Aerial Object Tracking. , 2023, , .		1
4247	Visual tracking using transformer with a combination of convolution and attention. Image and Vision Computing, 2023, 137, 104760.	4.5	1
4248	Object Detection and Action Recognition using Computer Vision. , 2023, , .		0
4249	Anti-Similar Visual Target Tracking Algorithm Based on Filter Peak Guidance and Fusion Network. Electronics (Switzerland), 2023, 12, 2992.	3.1	1
4250	Extract-Transform-Load for Video Streams. Proceedings of the VLDB Endowment, 2023, 16, 2302-2315.	3.8	1

#	ARTICLE	IF	CITATIONS
4251	Visual Object Tracking Based on Improved Convolutional Neural Network. , 2023, , .		0
4252	Flying in Dynamic Scenes With Multitarget Velocimetry and Perception-Enhanced Planning. IEEE/ASME Transactions on Mechatronics, 2024, 29, 521-532.	5.8	1
4253	Research on Unmanned Aerial Vehicle Target Tracking Based on Kernel Correlation Filter and Kalman Filter. , 2023, , .		1
4254	Running Guidance for Visually Impaired People Using Sensory Augmentation Technology Based Robotic System. IEEE Robotics and Automation Letters, 2023, 8, 5323-5330.	5.1	0
4255	Machine Motion Trajectory Detection Based on Siamese Graph-Attention Adaptive Network. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-10.	4.7	0
4256	Recent Advances in Intelligent Processing of Satellite Video: Challenges, Methods, and Applications. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 6776-6798.	4.9	2
4257	HATFNet: Hierarchical adaptive trident fusion network for RGBT tracking. Applied Intelligence, 0, , .	5.3	0
4258	Dynamic Feature-Memory Transformer Network for RGBT Tracking. IEEE Sensors Journal, 2023, , 1-1.	4.7	0
4259	An information fusion method for meta-tracker about online aerospace object tracking. Journal of Intelligent and Fuzzy Systems, 2023, , 1-13.	1.4	0
4260	Repformer: a robust shared-encoder dual-pipeline transformer for visual tracking. Neural Computing and Applications, 2023, 35, 20581-20603.	5.6	7
4261	Deep learning-based multi-cattle tracking in crowded livestock farming using video. Computers and Electronics in Agriculture, 2023, 212, 108044.	7.7	5
4263	Modified Siamese Network Based on Feature Enhancement and Dynamic Template for Low-Light Object Tracking in UAV Videos. Drones, 2023, 7, 483.	4.9	0
4264	HSKP-CF Algorithm Based on Target Tracking for Mobile Following Robot. Lecture Notes in Electrical Engineering, 2023, , 87-97.	0.4	0
4265	VideoDoodles: Hand-Drawn Animations on Videos with Scene-Aware Canvases. ACM Transactions on Graphics, 2023, 42, 1-12.	7.2	1
4266	Underwater object tracker: UOSTrack for marine organism grasping of underwater vehicles. Ocean Engineering, 2023, 285, 115449.	4.3	0
4267	Fisher pruning for developing real-time UAV trackers. Journal of Real-Time Image Processing, 2023, 20, .	3.5	1
4268	Object tracking based on siamese network with 3D attention and multiple graph attention. Computer Vision and Image Understanding, 2023, , 103786.	4.7	0
4269	SiamDSA: Dual-Branch Self-Attention Siamese Network for Visual Object Tracking. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
4270	Anti-occlusion tracker for infrared ground targets based on improved trajectory prediction network. , 2023, 141, 104167.		0
4271	Consistency-based self-supervised visual tracking by using query-communication transformer. Knowledge-Based Systems, 2023, 278, 110849.	7.1	0
4272	A robust vehicle tracking in low-altitude UAV videos. Machine Vision and Applications, 2023, 34, .	2.7	0
4273	Recognition new energy vehicles based on improved YOLOv5. Frontiers in Neurorobotics, 0, 17, .	2.8	1
4274	Robust Visual Object Tracking Based on Feature Channel Weighting and Game Theory. International Journal of Intelligent Systems, 2023, 2023, 1-19.	5.7	3
4275	Blockchain-Based Onsite Activity Management for Smart Construction Process Quality Traceability. IEEE Internet of Things Journal, 2023, 10, 21554-21565.	8.7	2
4276	Various Object Trackers for UAV Chasing of Counter UAV Systems. , 2023, , .		0
4277	High-Speed Tracking with Mutual Assistance of Feature Filters and Detectors. Sensors, 2023, 23, 7082.	3.8	0
4278	A Unified Transformer-based Tracker for Anti-UAV Tracking. , 2023, , .		1
4279	Anchor free based Siamese network tracker with transformer for RGB-T tracking. Scientific Reports, 2023, 13, .	3.3	1
4280	UAV Tracking Based on Correlation Filters With Dynamic Aberrance-Repressed Temporal Regularizations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2023, 16, 7749-7762.	4.9	2
4281	Evota: an enhanced visual object tracking network with attention mechanism. Multimedia Tools and Applications, 2024, 83, 24939-24960.	3.9	0
4282	Object Fusion Tracking for RGB-T Images via Channel Swapping and Modal Mutual Attention. IEEE Sensors Journal, 2023, 23, 22930-22943.	4.7	0
4283	Channel-Weighted Structured Correlation Filters for UAV Tracking. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	0
4284	Learning a Novel Ensemble Tracker for Robust Visual Tracking. IEEE Transactions on Multimedia, 2024, 26, 3194-3206.	7.2	1
4285	Learning Disentangled Representation with Mutual Information Maximization for Real-Time UAV Tracking. , 2023, , .		0
4286	Towards Discriminative Representations with Contrastive Instances for Real-Time UAV Tracking. , 2023, , .		0
4287	Ceusia-Breast: computer-aided diagnosis with contrast enhanced ultrasound image analysis for breast lesions. BMC Medical Imaging, 2023, 23, .	2.7	0

#	ARTICLE	IF	CITATIONS
4288	Fast and Accurate Visual Tracking with Group Convolution and Pixel-Level Correlation. Applied Sciences (Switzerland), 2023, 13, 9746.	2.5	1
4289	Robust Scuba Diver Tracking and Recovery in Open Water Using YOLOv7, SORT, and Spiral Search. , 2023, , .		0
4290	A Novel Visual Scale Recovery for Resource-Limited Platform Using Single-Point Laser and Spatial Constraints. IEEE Sensors Journal, 2023, 23, 23356-23366.	4.7	0
4291	Scale-Aware Tracking Method with Appearance Feature Filtering and Inter-Frame Continuity. Sensors, 2023, 23, 7516.	3.8	0
4292	Learning Multi-Layer Attention Aggregation Siamese Network for Robust RGBT Tracking. IEEE Transactions on Multimedia, 2024, 26, 3378-3391.	7.2	1
4294	Unsupervised cycle-consistent adversarial attacks for visual object tracking. Displays, 2023, 80, 102532.	3.7	0
4295	Reliable information system for identifying spatio-temporal continuity of kinetic deformed objects with big point cloud data. Annals of Operations Research, 0, , .	4.1	0
4296	Scaling-Invariant Max-Filtering Enhancement Transformers for Efficient Visual Tracking. Electronics (Switzerland), 2023, 12, 3905.	3.1	0
4297	Deep features fusion for KCF-based moving object tracking. Journal of Big Data, 2023, 10, .	11.0	2
4299	Attention fusion and target-uncertain detection for discriminative tracking. Knowledge-Based Systems, 2023, 278, 110860.	7.1	1
4300	Siamese Multi-Scale Adaptive Search Network for Remote Sensing Single-Object Tracking. Remote Sensing, 2023, 15, 4359.	4.0	0
4301	SFD-SR: strengthened feature description and stabilized re-detection-based infrared smallâ€“dim target tracking algorithm. Soft Computing, 0, , .	3.6	0
4302	Nodes2STRNet for structural dense displacement recognition by deformable mesh model and motion representation. International Journal of Mechanical System Dynamics, 2023, 3, 229-250.	2.8	0
4303	Hyperspectral Video Target Tracking Based on TensorSSA and Deep Features. , 2023, , .		0
4304	Practical Tracking Method based on Best Buddies Similarity. Cyborg and Bionic Systems, 2023, 4, .	7.9	0
4305	TransVG++: End-to-End Visual Grounding With Language Conditioned Vision Transformer. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 13636-13652.	13.9	3
4306	A novel anti-occlusion and scale adaptation re-tracking method with correlation filtering tracker algorithm. , 2023, , .		0
4307	CotNet target tracking algorithm based on attention mechanism and context-awareness. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
4308	RGB-D and Thermal Sensor Fusion: A Systematic Literature Review. IEEE Access, 2023, 11, 82410-82442.	4.2	5
4309	A Perceptually Adaptive Long-Term Tracking Method for the Complete Occlusion and Disappearance of a Target. Cognitive Computation, 0, , .	5.2	0
4310	Robust object tracking based on power-law probability map and ridge regression. Multimedia Tools and Applications, 2024, 83, 23047-23065.	3.9	0
4311	Learning dynamic spatial-temporal regularized correlation filter tracking with response deviation suppression via multi-feature fusion. Neural Networks, 2023, 167, 360-379.	5.9	2
4312	Online object tracking based interactive attention. Computer Vision and Image Understanding, 2023, 236, 103809.	4.7	0
4313	Towards Real-World Visual Tracking With Temporal Contexts. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 15834-15849.	13.9	2
4314	Vision-based Runway Detection and Landing for Unmanned Aerial Vehicle Enhanced Autonomy. , 2023, , .		0
4315	VideoTrack: Learning to Track Objects via Video Transformer. , 2023, , .		3
4316	A Loopback Network for Explainable Microvascular Invasion Classification. , 2023, , .		0
4317	SiamTDR: Time-Efficient RGBT Tracking via Disentangled Representations. , 2023, 1, 167-181.		0
4318	DropMAE: Masked Autoencoders with Spatial-Attention Dropout for Tracking Tasks. , 2023, , .		16
4319	Research on Infrared Small Target Detection Algorithm Based on YOLOv5 and Enhanced KCF Algorithm with Kalman Filter. , 2023, , .		0
4320	Research and Design of Weld Seam Tracking Algorithm Based on Machine Vision and Machine Learning. , 2023, , .		0
4321	Target Tracking Algorithm Based on Mixed Attention and Siamese Network. , 2023, , .		0
4322	Spatio-temporal mix deformable feature extractor in visual tracking. Expert Systems With Applications, 2024, 237, 121377.	7.6	0
4323	Target-Aware Feature Bottleneck for Real-Time Visual Tracking. Applied Sciences (Switzerland), 2023, 13, 10198.	2.5	0
4324	Siamese Network for Visual Object Tracking with Improved Information Capture. , 2023, , .		0
4326	SMTN: Multidimensional Fusion and Time-Domain Coding for Object Tracking in Satellite Videos. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	0

#	ARTICLE	IF	CITATIONS
4327	Improved DeepSORT-based pedestrian tracking and recognition method with fused face information. , 2023, , .		0
4328	Fast-Moving Target Tracking Based on KCF with Motion Prediction. , 2023, , .		0
4329	Dynamic Template Update Mechanism for Visual Object Tracking. , 2023, , .		0
4330	DL-SLOT: Tightly-Coupled Dynamic LiDAR SLAM and 3D Object Tracking Based on Collaborative Graph Optimization. IEEE Transactions on Intelligent Vehicles, 2024, 9, 1017-1027.	12.7	1
4331	Visual tracking via confidence template updating spatial-temporal regularized correlation filters. Multimedia Tools and Applications, 0, , .	3.9	0
4332	Long-Run Real-Time Human Tracking at Low Light Condition. , 2023, , .		0
4333	SiamIST: Infrared small target tracking based on an improved SiamRPN. Infrared Physics and Technology, 2023, 134, 104920.	2.9	1
4334	Real-Time Multiple Object Tracking for Safe Cooking Activities. Lecture Notes in Computer Science, 2023, , 192-204.	1.3	0
4335	SFA-guided mosaic transformer for tracking small objects in snapshot spectral imaging. ISPRS Journal of Photogrammetry and Remote Sensing, 2023, 204, 223-236.	11.1	0
4336	Discovery, Quantitative Recurrence, and Inhibition of Motion-Blur Hysteresis Phenomenon in Visual Tracking Displacement Detection. Sensors, 2023, 23, 8024.	3.8	1
4337	Computationally Efficient Ground-to-Air Missile Seeker Based on Camera Images. IEEE Access, 2023, 11, 104839-104845.	4.2	0
4338	Facing Completely Occluded Short-Term Tracking Based on Correlation Filters. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-15.	4.7	0
4339	SiamCA: Siamese visual tracking with customized anchor and target-aware interaction. Expert Systems With Applications, 2024, 238, 121763.	7.6	0
4340	Enhancing Load Evaluation in Intelligent Tutoring Systems Through Velocity-Based Training. Advances in Sustainability Science and Technology, 2023, , 21-37.	0.6	0
4341	Human Target Detection and Tracking Algorithm Based on Improved YOLOv7. , 2023, , .		0
4342	Spatio-temporal hierarchical feature transformer for UAV object tracking. ISPRS Journal of Photogrammetry and Remote Sensing, 2023, 204, 442-452.	11.1	0
4343	Object Tacking with Siamese Convolution Network Re-Detection. , 2023, , .		0
4344	Hybrid event and frame-based system for target detection, tracking, and identification. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
4345	Siamese Trackers Based on Deep Features for Visual Tracking. Electronics (Switzerland), 2023, 12, 4140.	3.1	1
4346	Surface topology as non-destructive proxy for tensile strength of plastic parts from filament-based material extrusion. Progress in Additive Manufacturing, 0, , .	4.8	0
4348	Towards Real-Time On-Drone Pedestrian Tracking in 4K Inputs. Drones, 2023, 7, 623.	4.9	0
4349	A Visual-LiDAR Object Tracking Method Using Correlation Filter andÂPotential Matching. Lecture Notes in Electrical Engineering, 2023, , 607-616.	0.4	0
4350	Real-Time Pedestrian Tracking System Based on Depth Camera for Quadruped Robot. Lecture Notes in Electrical Engineering, 2023, , 461-471.	0.4	0
4351	End-to-end wavelet block feature purification network for efficient and effective UAV object tracking. Journal of Visual Communication and Image Representation, 2023, 97, 103950.	2.8	0
4352	Correlation Filter Feature Selection Strategy Based on Inland Ship Tracking. Lecture Notes in Electrical Engineering, 2023, , 665-677.	0.4	0
4353	VGGAN: Visual Grounding GAN Using Panoptic Transformers. , 2023, , .		0
4354	Graph-Based Anomaly Detection of Ship Movements Using CCTV Videos. Journal of Marine Science and Engineering, 2023, 11, 1956.	2.6	0
4355	Visual Tracking based on deformable Transformer and spatiotemporal information. Engineering Applications of Artificial Intelligence, 2024, 127, 107269.	8.1	0
4356	Towards object tracking for quadruped robots. Journal of Visual Communication and Image Representation, 2023, 97, 103958.	2.8	0
4357	VisEvent: Reliable Object Tracking via Collaboration of Frame and Event Flows. IEEE Transactions on Cybernetics, 2024, 54, 1997-2010.	9.5	2
4358	Real-Time Tracking of Objects in Video Based on Adaptive Histogram Features. Cybernetics and Computer Engineering, 2023, 2023, 4-19.	0.2	0
4359	Sparse mixed attention aggregation network for multimodal images fusion tracking. Engineering Applications of Artificial Intelligence, 2024, 127, 107273.	8.1	1
4360	Robust Correlation Filter Learning with Continuously Weighted Dynamic Response for UAV Visual Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2023, , 1-1.	6.3	0
4361	IoUNet++: Spatial crossâ€layer interactionâ€based bounding box regression for visual tracking. IET Computer Vision, 2024, 18, 177-189.	2.0	0
4362	Automatic Traffic Management and Emergency Vehicle Detection. SSRN Electronic Journal, 0, , .	0.4	0
4363	SOTVerse: A User-Defined Task Space of Single Object Tracking. International Journal of Computer Vision, 2024, 132, 872-930.	15.6	1

#	ARTICLE	IF	CITATIONS
4364	Learning Attention Through Hierarchical Architecture for Visual Object Tracking. IEEE Signal Processing Letters, 2024, 31, 186-190.	3.6	0
4365	Design and development of an integrated approach towards detection and tracking of iris using deep learning. Multimedia Tools and Applications, 0, , .	3.9	0
4366	SOCF: A correlation filter for real-time UAV tracking based on spatial disturbance suppression and object saliency-aware. Expert Systems With Applications, 2024, 238, 122131.	7.6	1
4367	CSLT: Contourlet-Based Siamese Learning Tracker for Dim and Small Targets in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-13.	6.3	0
4368	Integrating 2P-CFAR Correlation Filter and IMM Model for VideoSAR Shadow Tracking. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	0
4369	Background-Aware Band Selection for Object Tracking in Hyperspectral Videos. IEEE Geoscience and Remote Sensing Letters, 2023, 20, 1-5.	3.1	0
4370	Computer Vision Techniques Applied to Capella Space VHR X-Band Synthetic Aperture Radar (SAR) Satellite Data to Track Movement: Use Cases Of Glacial Ice and Ships. , 2023, , .		0
4371	Downward-Looking Ship Target Tracking Based on Rotated DSST Algorithm. , 2023, , .		0
4372	Siamese refine polar mask prediction network for visual tracking. Signal, Image and Video Processing, 0, , .	2.7	0
4373	SiamHSFT: A Siamese Network-Based Tracker with Hierarchical Sparse Fusion and Transformer for UAV Tracking. Sensors, 2023, 23, 8666.	3.8	0
4374	Object tracking based on Siamese networks and attention mechanism. Journal of Electronic Imaging, 2023, 32, .	0.9	0
4375	Robust RGB-T Tracking via Adaptive Modality Weight Correlation Filters and Cross-modality Learning. ACM Transactions on Multimedia Computing, Communications and Applications, 2024, 20, 1-20.	4.3	0
4376	æ±â° â¬ā•ç®æ‡è·Ÿè,aæ–1æ³•çš,,âŸ°ç;€æž¶æž,,ç”ç©¶è¿›â±•. Guangxue Xuebao/Acta Optica Sinica, 2023, 43, 1510003.	10.003	0
4377	Capturing geometric structure change through deformation aware correlation. Computer Vision and Image Understanding, 2023, 235, 103784.	4.7	0
4378	Adaptive distractor-aware for siamese tracking via enhancement confidence evaluator. Applied Intelligence, 2023, 53, 29223-29241.	5.3	0
4379	lçg: intensity and color gradient operator on RGB images for visual object tracking. Visual Computer, 0, , .	3.5	0
4380	Online Learning Sample Filtering for Object Tracking. IEEJ Transactions on Electrical and Electronic Engineering, 2024, 19, 90-99.	1.4	0
4381	An Automatic and Robust Visual SLAM Method for Intra-Abdominal Environment Reconstruction. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2023, 27, 1216-1229.	0.9	0

#	ARTICLE	IF	CITATION
4382	The Performance of Discriminative Tracking Algorithms for the Sway Frequency Measurement of Betula platyphylla Sukaczew (Individual Branch and Tree) under Artificial and Natural Excitation. Forests, 2023, 14, 2196.	2.1	0
4383	Unified seam tracking algorithm via three-point weld representation for autonomous robotic welding. Engineering Applications of Artificial Intelligence, 2024, 128, 107535.	8.1	0
4385	Modeling a Single Camera System based on Predicted Bounding Box and Pan-Tilt Angles. , 2023, , .		0
4386	Infrared Small Target Tracking Based on OTrack Model. IEEE Access, 2023, 11, 123938-123946.	4.2	0
4387	Automatic drowsiness detection for preventing road accidents via 3dgan and three-level attention. Multimedia Tools and Applications, 0, , .	3.9	0
4388	NCSiam: Reliable Matching via Neighborhood Consensus for Siamese-Based Object Tracking. IEEE Transactions on Image Processing, 2023, 32, 6168-6182.	9.8	0
4389	A target tracking method based on adaptive occlusion judgment and model updating strategy. PeerJ Computer Science, 0, 9, e1562.	4.5	0
4390	Behavioral response of fish under ammonia nitrogen stress based on machine vision. Engineering Applications of Artificial Intelligence, 2024, 128, 107442.	8.1	0
4391	Pluggable Attack for Visual Object Tracking. IEEE Transactions on Information Forensics and Security, 2024, 19, 1227-1240.	6.9	0
4392	ãŸã°Žã...%õe°±ãĈ1é...é™ç»’ã’Ĉç%o1ã¾4èžâçš,,é«~ã...%õe°±ç’®æ‡è·Ÿè,ã. Guangxue Xuebao/Acta Optica Sinica, 2023, 43, 2012002.		
4393	A general visual-servoing control strategy for active non-cooperative target tracking of space manipulators. Advances in Space Research, 2023, , .	2.6	0
4394	IoUformer: Pseudo-IoU prediction with transformer for visual tracking. Neural Networks, 2024, 170, 548-563.	5.9	0
4395	ADMNet: Adaptive-Weighting Dual Mapping for Online Tracking With Respiratory Motion Estimation in Contrast-Enhanced Ultrasound. IEEE Transactions on Image Processing, 2024, 33, 58-68.	9.8	0
4396	A Vision-Based Ground Moving Target Tracking System for Quadrotor UAVs. , 2023, , .		0
4397	An efficient and lightweight multiperson activity recognition framework for robot-assisted healthcare applications. Expert Systems With Applications, 2024, 241, 122482.	7.6	0
4398	Dual Siamese Anchor Points Adaptive Tracker with Transformer for RGBT Tracking. International Journal of Computational Intelligence Systems, 2023, 16, .	2.7	0
4399	Joint Detection and Association for End-to-End Multi-object Tracking. Neural Processing Letters, 0, , .	3.2	0
4400	Robust Environmental Perception of Multi-object Tracking. Recent Advancements in Connected Autonomous Vehicle Technologies, 2024, , 199-243.	0.1	0

#	ARTICLE	IF	CITATIONS
4401	Unsupervised Satellite Video Deep Intrinsic Decomposition Using Physical Prior Constraints. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-13.	6.3	5
4402	Infrared Object Tracking Algorithm with Temporal Features Fusion Siamese Network. IEEE Transactions on Instrumentation and Measurement, 2023, , 1-1.	4.7	0
4403	Aerial tracking of camouflaged people in woodlands. Journal of Electronic Imaging, 2023, 32, .	0.9	0
4404	Development of a Robust Vision-Based Interstory Deformation Sensing Method Using a Kernelized Correlation Filter. , 2023, , .		0
4405	A3Track: Achieving Precise Target Tracking in Aerial Images With Receptive Field Alignment. IEEE Transactions on Geoscience and Remote Sensing, 2023, 61, 1-15.	6.3	2
4406	Rugby Ball Detection, Tracking and Future Trajectory Prediction Algorithm. Lecture Notes in Electrical Engineering, 2024, , 199-207.	0.4	0
4407	Optimized Detection, Classification, and Tracking with YOLOV5, HSV Color Thresholding, and KCF Tracking. Lecture Notes in Electrical Engineering, 2024, , 235-246.	0.4	0
4408	Multisensor fusion-based maritime ship object detection method for autonomous surface vehicles. Journal of Field Robotics, 0, , .	6.0	1
4409	An RGB-T Object Tracking Method for Solving Camera Motion Based on Correlation Filter. , 2023, , .		0
4410	BioDrone: A Bionic Drone-Based Single Object Tracking Benchmark for Robust Vision. International Journal of Computer Vision, 0, , .	15.6	0
4411	Tracking. Synthesis Lectures on Computer Vision, 2024, , 3-115.	0.6	0
4412	Image restoration based on vector quantization for robotic automatic welding. Engineering Applications of Artificial Intelligence, 2024, 129, 107577.	8.1	0
4413	Using Image Enhancement for Target Tracking. , 2023, , .		0
4414	Target-Aware Transformer for Satellite Video Object Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-10.	6.3	0
4415	Robust Frontal Vehicle Pose Estimation Based on Structural Parameter Optimization Using Reliable Edge Point Sequences. Applied Sciences (Switzerland), 2023, 13, 12993.	2.5	0
4416	UAV Control for Close Tracking of a Flying Object Using Search Region Focused Detector and Target-Visibility Enhancing Control. IEEE Access, 2023, 11, 139326-139334.	4.2	0
4417	Searching Region-Free and Template-Free Siamese Network for Tracking Drones in TIR Videos. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-15.	6.3	0
4418	MobileSAM-Track: Lightweight One-Shot Tracking and Segmentation of Small Objects on Edge Devices. Remote Sensing, 2023, 15, 5665.	4.0	1

#	ARTICLE	IF	CITATIONS
4419	Real-Time Object Geopositioning from Monocular Target Detection/Tracking for Aerial Cinematography. , 2023, , .		0
4420	Interactions with 3D virtual objects in augmented reality using natural gestures. Visual Computer, 0, , .	3.5	0
4421	Recent advances in object tracking using hyperspectral videos: a survey. Multimedia Tools and Applications, 0, , .	3.9	0
4422	Mobile Robot Tracking Method Based on Improved YOLOv8 Pedestrian Detection Algorithm. , 2023, , .		0
4423	A Deep Learning-Based Study on Multiple Object Tracking of Small Targets with Application to Mice Tracking. , 2023, , .		0
4424	Fully Onboard Single Pedestrian Tracking on Nano-UAV Platform. Journal of Intelligent and Robotic Systems: Theory and Applications, 2023, 109, .	3.4	0
4425	Target Tracking Based on Fusion of Object Detection and Segmentation with a New Classifier. , 2023, , .		0
4426	A Survey of Long-term Object Tracking Methods. , 2022, , .		0
4427	Progressive Domain-style Translation for Nighttime Tracking. , 2023, , .		0
4428	Comparative Analysis for Missing Button Recognition in an Elevator Panel. , 2023, , .		0
4429	An Anti-occlusion Object Tracking Algorithm Using KCF and ORB Feature Detector. , 2023, , .		0
4430	Thermal Infrared Target Tracking: A Comprehensive Review. IEEE Transactions on Instrumentation and Measurement, 2024, 73, 1-19.	4.7	1
4431	TaCoTrack: Tracking Object With Temporal Context. , 2023, , .		0
4432	UAV target tracking algorithm based on kernel correlation filter. , 2023, , .		0
4433	An Adaptive Object Tracking Algorithm with Multi-Features Based on Correlation Filtering. , 2023, , .		0
4434	A Novel Cross-Device Target Handover Method based on Affine Transformation and Correlation Filter. , 2023, , .		0
4435	Two-level cascade model for tracking pedestrians using thermal infrared video information. , 2023, 24, 255-265.		0
4436	Aerial infrared target tracking algorithm based on kernel correlation filtering and SIFT features in complex background. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
4437	Sparse regularized correlation filter for UAV object tracking with adaptive contextual learning and keyfilter selection. Information Sciences, 2024, 658, 120013.	6.9	0
4438	SiamFCA: A new fish single object tracking method based on siamese network with coordinate attention in aquaculture. Computers and Electronics in Agriculture, 2024, 216, 108542.	7.7	0
4439	Network security situation assessment and prediction method based on multimodal transformation in edge computing. Computer Communications, 2024, 215, 103-111.	5.1	0
4440	Real-Time RGB-D Pedestrian Tracking for Mobile Robot. , 2023, , .		0
4441	Visual Sensing for Environments Recognizing and Welding Tracking Technology in Intelligent Robotic Welding: A Review. Transactions on Intelligent Welding Manufacturing, 2024, , 3-35.	0.3	0
4442	DLUT: Decoupled Learning-Based Unsupervised Tracker. Sensors, 2024, 24, 83.	3.8	0
4443	An improved spatialâ€‘temporal regularization method for visual object tracking. Signal, Image and Video Processing, 2024, 18, 2065-2077.	2.7	0
4444	Feature Disentanglement and Adaptive Fusion for Improving Multi-modal Tracking. Lecture Notes in Computer Science, 2024, , 68-80.	1.3	0
4445	FAFVTC: A Real-Time Network for Vehicle Tracking and Counting. Lecture Notes in Computer Science, 2024, , 251-264.	1.3	0
4446	A Dynamic Tracking Framework Based on Scene Perception. Lecture Notes in Computer Science, 2024, , 185-197.	1.3	0
4447	Object Tracking with Restrained Learning Anomaly and Adaptive Feature Fusion. , 2023, , .		0
4448	Customizing the feature modulation for visual tracking. Visual Computer, 0, , .	3.5	0
4449	A Review of Target Tracking Based on Deep Learning. , 2023, , .		0
4450	Few-shot sheep counting based on density map regression. Journal of Physics: Conference Series, 2023, 2646, 012019.	0.4	0
4451	SDCS-CF: Saliency-driven localization and cascade scale estimation for visual tracking. Journal of Visual Communication and Image Representation, 2024, 98, 104040.	2.8	0
4452	A Spatio-Temporal Robust Tracker with Spatial-Channel Transformer and Jitter Suppression. International Journal of Computer Vision, 0, , .	15.6	0
4453	Variational Voxel Pseudo Image Tracking. , 2023, , .		0
4454	RGB-D Tracking via Hierarchical Modality Aggregation and Distribution Network. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
4455	STRCFD: Small Maneuvering Object Tracking via Improved STRCF and Redetection in Near Infrared Videos. IEEE Access, 2024, 12, 2901-2913.	4.2	0
4456	Siamese Tracking Network with Spatial-Semantic-Aware Attention and Flexible Spatiotemporal Constraint. Symmetry, 2024, 16, 61.	2.2	0
4458	CVTrack: Combined Convolutional Neural Network and Vision Transformer Fusion Model for Visual Tracking. Sensors, 2024, 24, 274.	3.8	0
4459	Motion-Aware Correlation Filter-Based Object Tracking in Satellite Videos. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-13.	6.3	0
4460	Toward Class-Agnostic Tracking Using Feature Decorrelation in Point Clouds. IEEE Transactions on Image Processing, 2024, 33, 682-695.	9.8	0
4461	A Motion Status Discrimination Method Based on Velocity Estimation Embedded in Multi-object Tracking. , 2023, , .		0
4462	STransLOT: splitting-refusion transformer for low-light object tracking. Multimedia Tools and Applications, 0, , .	3.9	0
4463	Online Background Discriminative Learning for Satellite Video Object Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-15.	6.3	0
4464	Tracking-by-Detection Algorithm for Underwater Target Based on Improved Multi-Kernel Correlation Filter. Remote Sensing, 2024, 16, 323.	4.0	0
4466	Object Tracking in Satellite Videos With Distractorâ€œOcclusion-Aware Correlation Particle Filters. IEEE Transactions on Geoscience and Remote Sensing, 2024, 62, 1-12.	6.3	0
4467	CorrFormer: Context-aware tracking with cross-correlation and transformer. Computers and Electrical Engineering, 2024, 114, 109075.	4.8	3
4468	Tracking by 3D Model Estimation of Unknown Objects in Videos. , 2023, , .		0
4469	Synchronize Feature Extracting and Matching: A Single Branch Framework for 3D Object Tracking. , 2023, , .		0
4470	360VOT: A New Benchmark Dataset for Omnidirectional Visual Object Tracking. , 2023, , .		0
4471	Integrating Boxes and Masks: A Multi-Object Framework for Unified Visual Tracking and Segmentation. , 2023, , .		1
4472	SiamMFF: UAV Object Tracking Algorithm Based on Multi-Scale Feature Fusion. IEEE Access, 2024, 12, 24725-24734.	4.2	0
4473	Adaptive and Background-Aware Vision Transformer for Real-Time UAV Tracking. , 2023, , .		0
4474	Robust Object Modeling for Visual Tracking. , 2023, , .		1

#	ARTICLE	IF	CITATIONS
4475	Visible-infrared image patch matching based on attention mechanism. Signal, Image and Video Processing, 2024, 18, 2829-2839.	2.7	0
4476	Real-Time Human Tracking Using Multi-Features Visual With CNN-LSTM and Q-Learning. IEEE Access, 2024, 12, 13233-13247.	4.2	0
4477	Lightweight Spatial-Temporal Contextual Aggregation Siamese Network for Unmanned Aerial Vehicle Tracking. Drones, 2024, 8, 24.	4.9	0
4478	Enhanced Target Tracking Algorithm for Autonomous Driving Based on Visible and Infrared Image Fusion. Journal of Intelligent and Connected Vehicles, 2023, 6, 237-249.	7.4	0
4479	Object Detection, Tracking, and Prediction Analysis System for Sports Performance and Coaching. , 2023, , .		0
4480	Anomaly Detection on the Edge Using Smart Cameras under Low-Light Conditions. Sensors, 2024, 24, 772.	3.8	0
4481	Vehicle Trajectory Prediction Based on Triplet Refinement LSTM. , 2023, , .		0
4482	Visual Tracking Based on Efficient Dual-Branch Siamese Network. , 2023, , .		0
4483	Intelligent measurement method of aircraft leading edge slats based on vision. , 2023, , .		0
4484	Mask-KLT: Sub-pixel Accurate Directional Motion Estimation by Stripe Masking. , 2023, , .		0
4485	A lightweight multi-target ship tracking model based on Yolov7. Physica Scripta, 2024, 99, 035010.	2.5	0
4487	Active Object Detection and Tracking Using Gimbal Mechanisms for Autonomous Drone Applications. Drones, 2024, 8, 55.	4.9	0
4488	Non-contact detection method for pantograph-catenary contact force based on image processing. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 0, , .	2.0	0
4489	Efficient object tracking algorithm based on lightweight Siamese networks. Engineering Applications of Artificial Intelligence, 2024, 133, 107976.	8.1	0
4490	Hyperspectral low altitude UAV target tracking algorithm based on deep learning and improved KCF. Frontiers in Physics, 0, 12, .	2.1	0
4491	Towards Autonomous Shooting Rover via Situation Aware Visual-Perception and Dynamic Action Execution. , 2024, , .		0
4492	Feature enhancement and coarse-to-fine detection for RGB-D tracking. Pattern Recognition Letters, 2024, 179, 130-136.	4.2	0
4493	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

#	ARTICLE	IF	CITATIONS
4494	Multiple correlation filters with gaussian constraint for fast online tracking. Journal of Visual Communication and Image Representation, 2024, 99, 104089.	2.8	0
4495	Joint Learning Spatial-Temporal Attention Correlation Filters for Aerial Tracking. IEEE Signal Processing Letters, 2024, 31, 686-690.	3.6	0
4496	Adaptive Feature Calibration Siamese Network for Rotating Object Tracking. , 2023, , .		0
4498	Research on Person Object Tracking Method Based on Extended Reality. , 2023, , .		0
4499	Self-supervised context-aware correlation filter for robust landmark tracking in liver ultrasound sequences. Biomedizinische Technik, 2024, .	0.8	0
4500	Visual Object Tracking Method for Mobile Robots Based on DSST. , 2023, , .		0
4501	Motion-aware object tracking for aerial images with deep features and discriminative correlation filter. Multimedia Tools and Applications, 0, , .	3.9	0
4502	A real-time wearable AR system for egocentric vision on the edge. Virtual Reality, 2024, 28, .	6.1	0
4503	Enhanced correlation filter tracking: anti-occlusion and re-detection. , 2024, , .		0
4504	RGBT Image Fusion Tracking via Sparse Trifurcate Transformer Aggregation Network. IEEE Transactions on Instrumentation and Measurement, 2024, 73, 1-10.	4.7	0
4505	Hyperspectral Video Tracker Based on Anomaly Suppression and Multi-Feature Integration. , 2023, , .		0
4506	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
4507	AODiMP&TIR: Anti&occlusion thermal infrared targets tracker based on SuperDiMP. IET Image Processing, 0, , .	2.5	0
4508	Optimizing Camera Motion with MCTS and Target Motion Modeling in Multi-Target Active Object Tracking. ACM Transactions on Multimedia Computing, Communications and Applications, 0, , .	4.3	0
4509	Self-Prompting Tracking: A Fast and Efficient Tracking Pipeline for UAV Videos. Remote Sensing, 2024, 16, 748.	4.0	0
4510	A Study on Robust Finite-Time Visual Servoing with a Gyro-Stabilized Surveillance System. Actuators, 2024, 13, 82.	2.3	0
4511	An adaptive kernel correlation filter algorithm and synchronization error correction method for 3D motion reconstruction of flexible flapping wings using binocular vision. Measurement: Journal of the International Measurement Confederation, 2024, 228, 114388.	5.0	0
4512	Deep-feature-based asymmetrical background-aware correlation filter for object tracking. , 2024, 148, 104446.		0

#	ARTICLE	IF	CITATIONS
4513	Multi-object tracking algorithm based on interactive attention network and adaptive trajectory reconnection. Expert Systems With Applications, 2024, 249, 123581.	7.6	0
4514	A Liquidity Analysis System for Large-scale Video Streams in the Oilfield. ACM Transactions on Sensor Networks, 2024, 20, 1-22.	3.6	0
4515	Target-aware pooling combining global contexts for aerial tracking. Visual Computer, 0, , .	3.5	0
4516	Touchless User Interface for Sketching Using Hand Gesture Recognition. , 2023, , .		0
4517	Object modeling through weightless tracking. Neural Computing and Applications, 0, , .	5.6	0
4518	Learning Rich Feature Representation and State Change Monitoring for Accurate Animal Target Tracking. Animals, 2024, 14, 902.	2.3	0
4519	Efficient object tracking on edge devices with MobileTrack. Journal of Visual Communication and Image Representation, 2024, 100, 104126.	2.8	0
4520	Saliency-enhanced background-aware correlation filters with dual temporal regularization for unmanned aerial vehicle tracking. Journal of Electronic Imaging, 2024, 33, .	0.9	0
4521	Cross-Parallel Attention and Efficient Match Transformer for Aerial Tracking. Remote Sensing, 2024, 16, 961.	4.0	0
4522	Long-short diffeomorphism memory network for weakly-supervised ultrasound landmark tracking. Medical Image Analysis, 2024, 94, 103138.	11.6	0
4523	SiamRAAN: Siamese Residual Attentional Aggregation Network for Visual Object Tracking. Neural Processing Letters, 2024, 56, .	3.2	0
4524	DPTâ€tracker: Dual pooling transformer for efficient visual tracking. CAAI Transactions on Intelligence Technology, 0, , .	8.1	0
4525	Visual tracking in camera-switching outdoor sport videos: Benchmark and baselines for skiing. Computer Vision and Image Understanding, 2024, 243, 103978.	4.7	0
4526	REPS: Rotation equivariant Siamese network enhanced by probability segmentation for satellite video tracking. International Journal of Applied Earth Observation and Geoinformation, 2024, 128, 103741.	1.9	0
4527	Precision in visual object tracking: a dual-branch approach. Journal of Electronic Imaging, 2024, 33, .	0.9	0
4528	PPTtrack: Pyramid pooling based Transformer backbone for visual tracking. Expert Systems With Applications, 2024, 249, 123716.	7.6	0