

# Zhenyu He

## List of Publications by Year in descending order

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40  
papers

1,156  
citations

516710

16  
h-index

501196

28  
g-index

40  
all docs

40  
docs citations

40  
times ranked

891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint sparse principal component analysis. Pattern Recognition, 2017, 61, 524-536.	8.1	169
2	Connected Component Model for Multi-Object Tracking. IEEE Transactions on Image Processing, 2016, 25, 3698-3711.	9.8	127
3	A multi-view model for visual tracking via correlation filters. Knowledge-Based Systems, 2016, 113, 88-99.	7.1	115
4	Writer identification of Chinese handwriting documents using hidden Markov tree model. Pattern Recognition, 2008, 41, 1295-1307.	8.1	105
5	Hierarchical spatial-aware Siamese network for thermal infrared object tracking. Knowledge-Based Systems, 2019, 166, 71-81.	7.1	90
6	PTB-TIR: A Thermal Infrared Pedestrian Tracking Benchmark. IEEE Transactions on Multimedia, 2020, 22, 666-675.	7.2	71
7	SiamCorners: Siamese Corner Networks for Visual Tracking. IEEE Transactions on Multimedia, 2022, 24, 1956-1967.	7.2	70
8	Learning target-focusing convolutional regression model for visual object tracking. Knowledge-Based Systems, 2020, 194, 105526.	7.1	55
9	Adaptive Weighted Sparse Principal Component Analysis for Robust Unsupervised Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2153-2163.	11.3	41
10	LSOTB-TIR: A Large-Scale High-Diversity Thermal Infrared Object Tracking Benchmark. , 2020, , .		41
11	Similarity-Maintaining Privacy Preservation and Location-Aware Low-Rank Matrix Factorization for QoS Prediction Based Web Service Recommendation. IEEE Transactions on Services Computing, 2021, 14, 889-902.	4.6	39
12	Unified Sparse Subspace Learning via Self-Contained Regression. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2537-2550.	8.3	36
13	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
14	Dual-regression model for visual tracking. Neural Networks, 2020, 132, 364-374.	5.9	21
15	Dual Pursuit for Subspace Learning. IEEE Transactions on Multimedia, 2019, 21, 1399-1411.	7.2	18
16	Object Tracking via Spatial-Temporal Memory Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2976-2989.	8.3	18
17	Structural target-aware model for thermal infrared tracking. Neurocomputing, 2022, 491, 44-56.	5.9	17
18	Learning dual-margin model for visual tracking. Neural Networks, 2021, 140, 344-354.	5.9	16

#	ARTICLE	IF	CITATIONS
19	TCDesc: Learning Topology Consistent Descriptors for Image Matching. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2845-2855.	8.3	14
20	Multiple object tracking by reliable tracklets. Signal, Image and Video Processing, 2019, 13, 823-831.	2.7	8
21	Target-Aware State Estimation for Visual Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2908-2920.	8.3	8
22	Adaptive ensemble perception tracking. Neural Networks, 2021, 142, 316-328.	5.9	8
23	Low-Rank Projection Learning via Graph Embedding. Neurocomputing, 2019, 348, 97-106.	5.9	7
24	Thermal infrared object tracking via Siamese convolutional neural networks. , 2017, , .		5
25	Fast Extended Inductive Robust Principal Component Analysis With Optimal Mean. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4812-4825.	5.7	5
26	Multiple feature fused for visual tracking via correlation filters. , 2017, , .		4
27	Robust principal component analysis via joint $\ell_{2,1}$ -norms minimization. , 2017, , .		3
28	Noise-Suppressing Deep Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2238-2250.	8.3	3
29	Joint of locality- and globality-preserving projections. Signal, Image and Video Processing, 2018, 12, 565-572.	2.7	2
30	Visual object tracking via collaborative correlation filters. Signal, Image and Video Processing, 2020, 14, 177-185.	2.7	2
31	Robust principal component analysis via feature self-representation. , 2017, , .		1
32	Sparse selective kernelized correlation filter model for visual object tracking. , 2017, , .		1
33	Visual object tracking based on particle filter re-detection. , 2017, , .		1
34	Discriminative collaborative representation-based tracking. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
35	Robust principal component analysis with projection learning for image classification. Journal of Modern Optics, 2020, 67, 704-720.	1.3	1
36	Fast mode selection algorithm based on derived layer. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Visual Tracking via Local Sparse Correlation Filters. , 2015, , .		0
38	Real-Time Affine Tracking Using Re-located Lucas-Kanade Algorithm. , 2015, , .		0
39	Distracter-aware correlation filter tracking. , 2017, , .		0
40	VEDesc: vertex-edge constraint on local learned descriptors. Signal, Image and Video Processing, 2021, , 1-8.	2.7	0