

# Qingming Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1217280/publications.pdf>

Version: 2024-02-01

90  
papers

4,590  
citations

201674

27  
h-index

155660

55  
g-index

90  
all docs

90  
docs citations

90  
times ranked

2900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascaded Partial Decoder for Fast and Accurate Salient Object Detection. , 2019, , .		602
2	The Unmanned Aerial Vehicle Benchmark: Object Detection and Tracking. Lecture Notes in Computer Science, 2018, , 375-391.	1.3	299
3	Review of Visual Saliency Detection With Comprehensive Information. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2941-2959.	8.3	275
4	Multimodal Transformer With Multi-View Visual Representation for Image Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4467-4480.	8.3	258
5	Stacked Cross Refinement Network for Edge-Aware Salient Object Detection. , 2019, , .		241
6	Spatial Pyramid-Enhanced NetVLAD With Weighted Triplet Loss for Place Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 661-674.	11.3	229
7	Saliency Detection for Stereoscopic Images Based on Depth Confidence Analysis and Multiple Cues Fusion. IEEE Signal Processing Letters, 2016, 23, 819-823.	3.6	188
8	Label Decoupling Framework for Salient Object Detection. , 2020, , .		167
9	ASIF-Net: Attention Steered Interweave Fusion Network for RGB-D Salient Object Detection. IEEE Transactions on Cybernetics, 2021, 51, 88-100.	9.5	165
10	RAM: A Region-Aware Deep Model for Vehicle Re-Identification. , 2018, , .		140
11	DPANet: Depth Potentiality-Aware Gated Attention Network for RGB-D Salient Object Detection. IEEE Transactions on Image Processing, 2021, 30, 7012-7024.	9.8	140
12	Going From RGB to RGBD Saliency: A Depth-Guided Transformation Model. IEEE Transactions on Cybernetics, 2020, 50, 3627-3639.	9.5	125
13	Co-Saliency Detection for RGBD Images Based on Multi-Constraint Feature Matching and Cross Label Propagation. IEEE Transactions on Image Processing, 2018, 27, 568-579.	9.8	108
14	Blind image quality prediction by exploiting multi-level deep representations. Pattern Recognition, 2018, 81, 432-442.	8.1	95
15	An Iterative Co-Saliency Framework for RGBD Images. IEEE Transactions on Cybernetics, 2019, 49, 233-246.	9.5	95
16	HSCS: Hierarchical Sparsity Based Co-saliency Detection for RGBD Images. IEEE Transactions on Multimedia, 2019, 21, 1660-1671.	7.2	80
17	Reverse Perspective Network for Perspective-Aware Object Counting. , 2020, , .		78
18	Video Saliency Detection via Sparsity-Based Reconstruction and Propagation. IEEE Transactions on Image Processing, 2019, 28, 4819-4831.	9.8	77

#	ARTICLE	IF	CITATIONS
19	Split Multiplicative Multi-View Subspace Clustering. IEEE Transactions on Image Processing, 2019, 28, 5147-5160.	9.8	70
20	Deep Spatial-Spectral Subspace Clustering for Hyperspectral Image. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2686-2697.	8.3	65
21	Learning to Predict Bus Arrival Time From Heterogeneous Measurements via Recurrent Neural Network. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3283-3293.	8.0	52
22	Toward Realistic Face Photoâ€“Sketch Synthesis via Composition-Aided GANs. IEEE Transactions on Cybernetics, 2021, 51, 4350-4362.	9.5	50
23	Affective Image Content Analysis: A Comprehensive Survey. , 2018, , .		49
24	Joint Global and Co-Attentive Representation Learning for Image-Sentence Retrieval. , 2018, , .		47
25	Discrete Probability Distribution Prediction of Image Emotions with Shared Sparse Learning. IEEE Transactions on Affective Computing, 2020, 11, 574-587.	8.3	41
26	Multimodal Similarity Gaussian Process Latent Variable Model. IEEE Transactions on Image Processing, 2017, 26, 4168-4181.	9.8	40
27	SkeletonNet: A Hybrid Network With a Skeleton-Embedding Process for Multi-View Image Representation Learning. IEEE Transactions on Multimedia, 2019, 21, 2916-2929.	7.2	38
28	Decomposition and Completion Network for Salient Object Detection. IEEE Transactions on Image Processing, 2021, 30, 6226-6239.	9.8	38
29	Syntax-Guided Hierarchical Attention Network for Video Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 880-892.	8.3	37
30	$\{m S\}^{\{3\}}\{m MKL\}$ : Scalable Semi-Supervised Multiple Kernel Learning for Real-World Image Applications. IEEE Transactions on Multimedia, 2012, 14, 1259-1274.	7.2	35
31	Detecting Small Objects Using a Channel-Aware Deconvolutional Network. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1639-1652.	8.3	33
32	Embedding Perspective Analysis Into Multi-Column Convolutional Neural Network for Crowd Counting. IEEE Transactions on Image Processing, 2021, 30, 1395-1407.	9.8	32
33	Viewpoint and Scale Consistency Reinforcement for UAV Vehicle Re-Identification. International Journal of Computer Vision, 2021, 129, 719-735.	15.6	31
34	Long-Term Video Question Answering via Multimodal Hierarchical Memory Attentive Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 931-944.	8.3	30
35	Long Short-Term Relation Transformer With Global Gating for Video Captioning. IEEE Transactions on Image Processing, 2022, 31, 2726-2738.	9.8	30
36	Multi-View Spatial Attention Embedding for Vehicle Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 816-827.	8.3	29

#	ARTICLE	IF	CITATIONS
37	Set-label modeling and deep metric learning on person re-identification. Neurocomputing, 2015, 151, 1283-1292.	5.9	28
38	Online Asymmetric Metric Learning With Multi-Layer Similarity Aggregation for Cross-Modal Retrieval. IEEE Transactions on Image Processing, 2019, 28, 4299-4312.	9.8	22
39	Deep Stereoscopic Image Super-Resolution via Interaction Module. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3051-3061.	8.3	22
40	Multi-View Multi-Label Learning With View-Label-Specific Features. IEEE Access, 2019, 7, 100979-100992.	4.2	21
41	Person Re-Identification by Semantic Region Representation and Topology Constraint. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2453-2466.	8.3	21
42	Similarity Gaussian Process Latent Variable Model for Multi-modal Data Analysis. , 2015, , .		20
43	LVE-S2D: Low-Light Video Enhancement From Static to Dynamic. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8342-8352.	8.3	20
44	A Recursive Constrained Framework for Unsupervised Video Action Clustering. IEEE Transactions on Industrial Informatics, 2020, 16, 555-565.	11.3	18
45	Stereoscopic Image Stitching via Disparity-Constrained Warping and Blending. IEEE Transactions on Multimedia, 2020, 22, 655-665.	7.2	17
46	Augmented Adversarial Training for Cross-Modal Retrieval. IEEE Transactions on Multimedia, 2021, 23, 559-571.	7.2	17
47	Exploiting sample correlation for crowd counting with multi-expert network. , 2021, , .		16
48	Online web video topic detection and tracking with semi-supervised learning. Multimedia Systems, 2016, 22, 115-125.	4.7	15
49	Deep Constrained Low-Rank Subspace Learning for Multi-View Semi-Supervised Classification. IEEE Signal Processing Letters, 2019, 26, 1177-1181.	3.6	15
50	Harmonized Multimodal Learning with Gaussian Process Latent Variable Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 858-872.	13.9	15
51	SIEV-Net: A Structure-Information Enhanced Voxel Network for 3D Object Detection From LiDAR Point Clouds. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	15
52	Online Fast Adaptive Low-Rank Similarity Learning for Cross-Modal Retrieval. IEEE Transactions on Multimedia, 2020, 22, 1310-1322.	7.2	13
53	Learning Coupled Convolutional Networks Fusion for Video Saliency Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2960-2971.	8.3	12
54	Deep Affine Motion Compensation Network for Inter Prediction in VVC. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3923-3933.	8.3	12

#	ARTICLE	IF	CITATIONS
55	Learning Self-Supervised Space-Time CNN for Fast Video Style Transfer. IEEE Transactions on Image Processing, 2021, 30, 2501-2512.	9.8	11
56	Online low-rank similarity function learning with adaptive relative margin for cross-modal retrieval. , 2017, , .		10
57	Transformer: Intra- and Inter-Relation Embedding Transformer for TV Show Captioning. IEEE Transactions on Image Processing, 2022, 31, 3565-3577.	9.8	10
58	Vehicle Detection in UAV Traffic Video Based on Convolution Neural Network. , 2018, , .		9
59	Self-Supervised Deep TripleNet for Video Object Segmentation. IEEE Transactions on Multimedia, 2021, 23, 3530-3539.	7.2	9
60	Stereoscopic Image Retargeting Based on Deep Convolutional Neural Network. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4759-4770.	8.3	9
61	Label Correlation Guided Deep Multi-View Image Annotation. IEEE Access, 2019, 7, 134707-134717.	4.2	8
62	Fine-Grained Image Quality Assessment: A Revisit and Further Thinking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2746-2759.	8.3	8
63	Multimodal Gaussian Process Latent Variable Models with Harmonization. , 2017, , .		7
64	Entity-enhanced Adaptive Reconstruction Network for Weakly Supervised Referring Expression Grounding. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-16.	13.9	7
65	Graph Regularized Encoder-Decoder Networks for Image Representation Learning. IEEE Transactions on Multimedia, 2021, 23, 3124-3136.	7.2	6
66	Learning Feature Representation and Partial Correlation for Multimodal Multi-Label Data. IEEE Transactions on Multimedia, 2021, 23, 1882-1894.	7.2	6
67	Continuation Multiple Instance Learning for Weakly and Fully Supervised Object Detection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5452-5466.	11.3	6
68	Set-based classification for person re-identification utilizing mutual-information. , 2013, , .		5
69	Click data guided query modeling with click propagation and sparse coding. Multimedia Tools and Applications, 2018, 77, 22145-22158.	3.9	5
70	Two Birds With One Stone: A Coupled Poisson Deconvolution for Detecting and Describing Topics From Multimodal Web Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2397-2409.	11.3	5
71	Weakly Supervised Anomaly Detection in Videos Considering the Openness of Events. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21687-21699.	8.0	5
72	Spatial-Temporal Graph Network for Video Crowd Counting. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 228-241.	8.3	5

#	ARTICLE	IF	CITATIONS
73	Task-Feature Collaborative Learning with Application to Personalized Attribute Prediction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4094-4110.	13.9	3
74	Intra- and Inter-modal Multilinear Pooling with Multitask Learning for Video Grounding. Neural Processing Letters, 2020, 52, 1863-1879.	3.2	3
75	CSCNet: A Shallow Single Column Network for Crowd Counting. , 2020, , .		3
76	Weakly Supervised Text-based Actor-Action Video Segmentation by Clip-level Multi-instance Learning. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-22.	4.3	3
77	Cross-media retrieval with semantics clustering and enhancement. , 2017, , .		2
78	Edge Guided Generation Network for Video Prediction. , 2018, , .		2
79	Not All Samples are Trustworthy: Towards Deep Robust SVP Prediction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 3154-3169.	13.9	2
80	Introduction to the Special Issue on MMAC: Multimodal Affective Computing of Large-Scale Multimedia Data. IEEE MultiMedia, 2021, 28, 8-10.	1.7	2
81	Video Anomaly Detection Using Open Data Filter and Domain Adaptation. , 2020, , .		2
82	Optimizing Two-Way Partial AUC With an End-to-End Framework. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 10228-10246.	13.9	2
83	A Sparse-Motif Ensemble Graph Convolutional Network against Over-smoothing. , 2022, , .		2
84	Strategy for aesthetic photography recommendation via collaborative composition model. IET Computer Vision, 2015, 9, 691-698.	2.0	1
85	Neural Collaborative Preference Learning With Pairwise Comparisons. IEEE Transactions on Multimedia, 2021, 23, 1977-1989.	7.2	1
86	Siamese Dynamic Mask Estimation Network for Fast Video Object Segmentation. , 2021, , .		1
87	One-Shot Example Videos Localization Network for Weakly-Supervised Temporal Action Localization. , 2021, , .		1
88	A Tale of HodgeRank and Spectral Method: Target Attack Against Rank Aggregation Is the Fixed Point of Adversarial Game. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-18.	13.9	1
89	Action Category and Phase Consistency Regularization for High-Quality Temporal Action Proposal Generation. , 2021, , .		0
90	Quaternion Ordinal Embedding. , 2022, , .		0