

Chenggang Yan

List of Publications by Year in descending order

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69
papers

3,499
citations

236925

25
h-index

138484

58
g-index

69
all docs

69
docs citations

69
times ranked

2824
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge-Guided Recurrent Positioning Network for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Cybernetics, 2023, 53, 539-552.	9.5	53
2	Task-Adaptive Attention for Image Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 43-51.	8.3	146
3	Edge-Aware Multiscale Feature Integration Network for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	43
4	Each Part Matters: Local Patterns Facilitate Cross-View Geo-Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 867-879.	8.3	66
5	Joint Local Correlation and Global Contextual Information for Unsupervised 3D Model Retrieval and Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3265-3278.	8.3	9
6	Learning Frequency Domain Priors for Image Demoireing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7705-7717.	13.9	15
7	Rich Embedding Features for One-Shot Semantic Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6484-6493.	11.3	12
8	Self-Supervised Synthesis Ranking for Deep Metric Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4736-4750.	8.3	14
9	CBREN: Convolutional Neural Networks for Constant Bit Rate Video Quality Enhancement. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4138-4149.	8.3	5
10	FANet: Feature aggregation network for RGBD saliency detection. Signal Processing: Image Communication, 2022, 102, 116591.	3.2	8
11	Dense Attention-Guided Cascaded Network for Salient Object Detection of Strip Steel Surface Defects. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	33
12	Bidirectional difference locating and semantic consistency reasoning for change captioning. International Journal of Intelligent Systems, 2022, 37, 2969-2987.	5.7	3
13	Age-Invariant Face Recognition by Multi-Feature Fusion and Decomposition with Self-attention. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-18.	4.3	81
14	l ^{sup} 2</sup>Transformer: Intra- and Inter-Relation Embedding Transformer for TV Show Captioning. IEEE Transactions on Image Processing, 2022, 31, 3565-3577.	9.8	10
15	Constrained Predictive Filters for Single Image Bokeh Rendering. IEEE Transactions on Computational Imaging, 2022, 8, 346-357.	4.4	11
16	Learning Local Distribution for Extremely Efficient Single-Image Super-Resolution. Electronics (Switzerland), 2022, 11, 1348.	3.1	2
17	Ziv-Zakai Bound for Compressive Time Delay Estimation. IEEE Transactions on Signal Processing, 2022, 70, 4006-4019.	5.3	11
18	Deep Multi-View Enhancement Hashing for Image Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1445-1451.	13.9	279

#	ARTICLE	IF	CITATIONS
19	Stroke prediction from electrocardiograms by deep neural network. Multimedia Tools and Applications, 2021, 80, 17291-17297.	3.9	25
20	An integrated classification model for incremental learning. Multimedia Tools and Applications, 2021, 80, 17275-17290.	3.9	4
21	Economic Adaptive Cruise Control for Electric Vehicles Based on ADHDP in a Car-Following Scenario. IEEE Access, 2021, 9, 74949-74958.	4.2	16
22	Adaptive Hypergraph Auto-Encoder for Relational Data Clustering. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	10
23	Cross-modal semantic correlation learning by Bi-CNN network. IET Image Processing, 2021, 15, 3674-3684.	2.5	4
24	TraND: Transferable Neighborhood Discovery for Unsupervised Cross-Domain Gait Recognition. , 2021, , .		3
25	Multi-Scale Representation Learning on Hypergraph for 3D Shape Retrieval and Recognition. IEEE Transactions on Image Processing, 2021, 30, 5327-5338.	9.8	15
26	Group-wise Hub Identification by Learning Common Graph Embeddings on Grassmannian Manifold. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	0
27	Dynamic Selective Network for RGB-D Salient Object Detection. IEEE Transactions on Image Processing, 2021, 30, 9179-9192.	9.8	43
28	Precise No-Reference Image Quality Evaluation Based on Distortion Identification. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-21.	4.3	68
29	Weighted Convolutional Motion-Compensated Frame Rate Up-Conversion Using Deep Residual Network. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 11-22.	8.3	10
30	STAT: Spatial-Temporal Attention Mechanism for Video Captioning. IEEE Transactions on Multimedia, 2020, 22, 229-241.	7.2	244
31	Asymptotic Soft Filter Pruning for Deep Convolutional Neural Networks. IEEE Transactions on Cybernetics, 2020, 50, 3594-3604.	9.5	111
32	Depth-guided saliency detection via boundary information. Image and Vision Computing, 2020, 103, 104001.	4.5	7
33	Cross-modal feature extraction and integration based RGBD saliency detection. Image and Vision Computing, 2020, 101, 103964.	4.5	8
34	Mining Spatial-Temporal Similarity for Visual Tracking. IEEE Transactions on Image Processing, 2020, 29, 8107-8119.	9.8	25
35	Ecological Cooperative Adaptive Cruise Control for a Heterogeneous Platoon of Heavy-Duty Vehicles With Time Delays. IEEE Access, 2020, 8, 146208-146219.	4.2	53
36	Hamming Embedding Sensitivity Guided Fusion Network for 3D Shape Representation. IEEE Transactions on Image Processing, 2020, 29, 8381-8390.	9.8	2

#	ARTICLE	IF	CITATIONS
37	Learning salient features to prevent model drift for correlation tracking. Neurocomputing, 2020, 418, 1-10.	5.9	20
38	Unsupervised Person Re-identification via Cross-Camera Similarity Exploration. IEEE Transactions on Image Processing, 2020, 29, 5481-5490.	9.8	70
39	Corrections to "STAT: Spatial-Temporal Attention Mechanism for Video Captioning". IEEE Transactions on Multimedia, 2020, 22, 830-830.	7.2	20
40	Cascaded Revision Network for Novel Object Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3413-3421.	8.3	23
41	3D Room Layout Estimation From a Single RGB Image. IEEE Transactions on Multimedia, 2020, 22, 3014-3024.	7.2	139
42	Towards context-aware collaborative filtering by learning context-aware latent representations. Knowledge-Based Systems, 2020, 199, 105988.	7.1	9
43	Depth Image Denoising Using Nuclear Norm and Learning Graph Model. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-17.	4.3	145
44	Parameters Analysis of Sample Entropy, Permutation Entropy and Permutation Ratio Entropy for RR Interval Time Series. Information Processing and Management, 2020, 57, 102283.	8.6	13
45	Beyond the Parts: Learning Multi-view Cross-part Correlation for Vehicle Re-identification. , 2020, , .		54
46	Leveraging Multiple Implicit Feedback for Personalized Recommendation with Neural Network. , 2019, , .		4
47	Truncated Gradient Confidence-Weighted Based Online Learning for Imbalance Streaming Data. , 2019, , .		2
48	Deep fusion based video saliency detection. Journal of Visual Communication and Image Representation, 2019, 62, 279-285.	2.8	12
49	Cross-Modality Bridging and Knowledge Transferring for Image Understanding. IEEE Transactions on Multimedia, 2019, 21, 2675-2685.	7.2	145
50	Double-Bit Quantization and Index Hashing for Nearest Neighbor Search. IEEE Transactions on Multimedia, 2019, 21, 1248-1260.	7.2	22
51	Hierarchical Feature Selection for Random Projection. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1581-1586.	11.3	69
52	CFMDA: collaborative filtering-based MiRNA-disease association prediction. Multimedia Tools and Applications, 2019, 78, 605-618.	3.9	4
53	Real-time indoor scene reconstruction with Manhattan assumption. Multimedia Tools and Applications, 2019, 78, 713-726.	3.9	1
54	SACMDA: MiRNA-Disease Association Prediction with Short Acyclic Connections in Heterogeneous Graph. Neuroinformatics, 2018, 16, 373-382.	2.8	26

#	ARTICLE	IF	CITATIONS
55	Supervised Hash Coding With Deep Neural Network for Environment Perception of Intelligent Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 284-295.	8.0	198
56	Adaptive Residual Networks for High-Quality Image Restoration. IEEE Transactions on Image Processing, 2018, 27, 3150-3163.	9.8	63
57	Effective Uyghur Language Text Detection in Complex Background Images for Traffic Prompt Identification. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 220-229.	8.0	137
58	AutoBD: Automated Bi-Level Description for Scalable Fine-Grained Visual Categorization. IEEE Transactions on Image Processing, 2018, 27, 10-23.	9.8	33
59	DPFMDA: Distributed and privatized framework for miRNA-Disease association prediction. Pattern Recognition Letters, 2018, 109, 4-11.	4.2	7
60	A Flower Classification Framework Based on Ensemble of CNNs. Lecture Notes in Computer Science, 2018, , 235-244.	1.3	2
61	Image Denoising with Local Dense and Adaptive Global Residual Networks. Lecture Notes in Computer Science, 2018, , 27-37.	1.3	0
62	An alternative reconstruction framework with optimal permission source region for bioluminescence tomography. Optics Communications, 2018, 427, 112-122.	2.1	2
63	CNNs-Based RGB-D Saliency Detection via Cross-View Transfer and Multiview Fusion. IEEE Transactions on Cybernetics, 2018, 48, 3171-3183.	9.5	286
64	A Fast Uyghur Text Detector for Complex Background Images. IEEE Transactions on Multimedia, 2018, 20, 3389-3398.	7.2	164
65	Predict MiRNA-Disease Association with Collaborative Filtering. Neuroinformatics, 2018, 16, 363-372.	2.8	41
66	Uyghur Text Localization with Fast Component Detection. Lecture Notes in Computer Science, 2018, , 565-577.	1.3	1
67	A survey of memory deduplication approaches for intelligent urban computing. Machine Vision and Applications, 2017, 28, 705-714.	2.7	2
68	Three-dimensional laser scanning under the pinhole camera with lens distortion. Machine Vision and Applications, 2017, 28, 737-742.	2.7	3
69	A Highly Parallel Framework for HEVC Coding Unit Partitioning Tree Decision on Many-core Processors. IEEE Signal Processing Letters, 2014, 21, 573-576.	3.6	333