

Wei Gao

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

774
citations

687363

13
h-index

552781

26
g-index

46
all docs

46
docs citations

46
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Neural Network Compression Inspired by Compressive Sensing. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1965-1979.	11.3	4
2	Image Quality Assessment-driven Reinforcement Learning for Mixed Distorted Image Restoration. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-23.	4.3	1
3	Unified Information Fusion Network for Multi-Modal RGB-D and RGB-T Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2091-2106.	8.3	72
4	LGGD+: Image Retargeting Quality Assessment by Measuring Local and Global Geometric Distortions. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3422-3437.	8.3	11
5	Consistent Quality Oriented Rate Control in HEVC Via Balancing Intra and Inter Frame Coding. IEEE Transactions on Industrial Informatics, 2022, 18, 1594-1604.	11.3	9
6	Cross-Modality Fusion and Progressive Integration Network for Saliency Prediction on Stereoscopic 3D Images. IEEE Transactions on Multimedia, 2022, 24, 2435-2448.	7.2	7
7	Exploiting robust unsupervised video person re-identification. IET Image Processing, 2022, 16, 729-741.	2.5	7
8	Rate-Distortion Optimized Graph for Point Cloud Attribute Coding. IEEE Signal Processing Letters, 2022, 29, 922-926.	3.6	5
9	Accelerating Transform Algorithm Implementation for Efficient Intra Coding of 8K UHD Videos. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-20.	4.3	6
10	PointOT: Interpretable Geometry-Inspired Point Cloud Generative Model via Optimal Transport. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6792-6806.	8.3	4
11	PU-Refiner: A Geometry Refiner with Adversarial Learning for Point Cloud Upsampling. , 2022, , .		4
12	HIRL: Hybrid Image Restoration Based on Hierarchical Deep Reinforcement Learning via Two-Step Analysis. , 2022, , .		0
13	Flow-Based Point Cloud Completion Network with Adversarial Refinement. , 2022, , .		2
14	JE ² NET: Joint Exploitation and Exploration in Reinforcement Learning Based Image Restoration. , 2022, , .		2
15	Cross-Collaborative Fusion-Encoder Network for Robust RGB-Thermal Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7646-7661.	8.3	17
16	Two-Branch Deep Neural Network for Underwater Image Enhancement in HSV Color Space. IEEE Signal Processing Letters, 2021, 28, 2152-2156.	3.6	33
17	A New Coding Unit Partitioning Mode for Screen Content Video Coding. , 2021, , .		0
18	Efficient Fast Algorithm and Parallel Hardware Architecture for Intra Prediction of AVS3. , 2021, , .		7

#	ARTICLE	IF	CITATIONS
19	Deep Image Compression with Latent Optimization and Piece-wise Quantization Approximation. , 2021, , .		7
20	Dynamic Computational Resource Allocation for Fast Inter Frame Coding in Video Conferencing Applications. , 2021, , .		4
21	No-Reference Deep Quality Assessment of Compressed Light Field Images. , 2021, , .		7
22	Layer-Wise Geometry Aggregation Framework for Lossless LiDAR Point Cloud Compression. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4603-4616.	8.3	22
23	Learning to disentangle scenes for person re-identification. Image and Vision Computing, 2021, 116, 104330.	4.5	18
24	A Fast View Synthesis Implementation Method for Light Field Applications. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-20.	4.3	6
25	Efficient Channel Pruning Based on Architecture Alignment and Probability Model Bypassing. , 2021, , .		4
26	An Efficient Rate Control Algorithm for Intra Frame Coding in AVS3. , 2021, , .		0
27	A Rate Control Algorithm for Video-based Point Cloud Compression. , 2021, , .		2
28	Low-rate Image Compression with Super-resolution Learning. , 2020, , .		8
29	Blind Image Quality Measurement by Exploiting High-Order Statistics With Deep Dictionary Encoding Network. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7398-7410.	4.7	32
30	On the Performance Evaluation of State-of-the-art Rate Control Algorithms for Practical Video Coding and Transmission Systems. , 2020, , .		0
31	MMNet. , 2020, , .		23
32	A Risk-Aware Pairwise Rank Learning Approach for Visual Discomfort Prediction of Stereoscopic 3D. IEEE Signal Processing Letters, 2019, 26, 1588-1592.	3.6	8
33	SSIM-Based Global Optimization for CTU-Level Rate Control in HEVC. IEEE Transactions on Multimedia, 2019, 21, 1921-1933.	7.2	48
34	A Multi-Objective Optimization Perspective for Joint Consideration of Video Coding Quality. , 2019, , .		2
35	Unified No-Reference Quality Assessment of Singly and Multiply Distorted Stereoscopic Images. IEEE Transactions on Image Processing, 2019, 28, 1866-1881.	9.8	127
36	Data-Driven Rate Control for Rate-Distortion Optimization in HEVC Based on Simplified Effective Initial QP Learning. IEEE Transactions on Broadcasting, 2019, 65, 94-108.	3.2	31

#	ARTICLE	IF	CITATIONS
37	Sparse Bayesian Learning-Based Kernel Poisson Regression. IEEE Transactions on Cybernetics, 2019, 49, 56-68.	9.5	12
38	Joint Machine Learning and Game Theory for Rate Control in High Efficiency Video Coding. IEEE Transactions on Image Processing, 2017, 26, 6074-6089.	9.8	51
39	Generalized relevance vector machine. , 2017, , .		2
40	Phase Congruency based edge saliency detection and rate control for perceptual image and video coding. , 2016, , .		4
41	Multiscale phase congruency analysis for image edge visual saliency detection. , 2016, , .		6
42	SSIM-Based Game Theory Approach for Rate-Distortion Optimized Intra Frame CTU-Level Bit Allocation. IEEE Transactions on Multimedia, 2016, 18, 988-999.	7.2	62
43	DCT Coefficient Distribution Modeling and Quality Dependency Analysis Based Frame-Level Bit Allocation for HEVC. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 139-153.	8.3	46
44	Low-cost memory data scheduling method for reconfigurable FFT bit-reversal circuits. Electronics Letters, 2015, 51, 217-219.	1.0	4
45	Rate Distortion Optimized Inter-View Frame Level Bit Allocation Method for MV-HEVC. IEEE Transactions on Multimedia, 2015, 17, 2134-2146.	7.2	38
46	SD-ICN: An interoperable deployment framework for software-defined information-centric networks. , 2014, , .		9