

Leida Li

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(7400+ citations, H-index: 46)

RESEARCH INTERESTS

Image/video quality assessment, computational aesthetics, visual emotion analysis

EDUCATION

2004.09 – 2009.06 Xidian University, PhD

2000.09 – 2004.07 Xidian University, BEng

WORKING EXPERIENCE

2019 .07 –	Xidian University, China	Professor
2016.07 – 2017.07	Nanyang Technological University (NTU), Singapore	Senior Research Fellow
2016 .01 – 2019.06	China University of Mining and Technology, China	Professor
2014.01 – 2015.01	Nanyang Technological University (NTU), Singapore	Research Fellow
2012.01 – 2015.12	China University of Mining and Technology, China	Associate Professor
2009.07 – 2011.12	China University of Mining and Technology, China	Lecturer
2008.02 – 2008.06	Kaohsiung University of Science and Technology, Taiwan	Research Assistant

EDITORIAL ACTIVITIES

Associate Editor

- Journal of Visual Communication and Image Representation, 2018 –
- **Best Editor Award, 2021/2023**
- EURASIP Journal on Image and Video Processing, 2017 –

Youth Editorial Board

- Journal of image and Graphics (Chinese), 2020 –
- **Excellent Editor Award, 2022**
- CAAI Transactions on Intelligence Technology, 2020-2022

Lead Guest Editor

- EURASIP Journal on Image and Video Processing, 2019
Special Issue: Modeling and Representation for Big Visual Data

REVIEWER

IEEE TIP/TMM/TCSVT/TPAMI/TCYB/TNNLS/TBC, CVPR/ICCV/ECCV /AAAI/IJCAI/ACM MM/ICME...

PROJECTS (PI)

1. **National Ten Thousand Talents Program for Top Young Talents**, 2021.12-2024.12
- Visual Quality Assessment
2. **National Natural Science Foundation of China (NSFC)**, 2025.01-2028.12
- Vision-Language Driven Generalizable Image Aesthetics Assessment Models
3. **National Natural Science Foundation of China (NSFC)**, 2022.01-2025.12
- No-reference Image Quality Assessment with High Generalization Ability
4. **National Natural Science Foundation of China (NSFC)**, 2018.01-2021.12
- Objective Quality Evaluation Methods and Applications for Virtual View Synthesis
5. **National Natural Science Foundation of China (NSFC)**, 2014.01-2017.12
- Key Techniques for Tamper Detection of Object Level Video Inpainting and Synthesis
6. **National Natural Science Foundation of China (NSFC)**, 2009.01-2011.12
- Key Techniques and Algorithms of Scale-space Feature-based Robust Digital Watermarking
7. **Huawei**, 2022.10-2022.12
- Quality Assessment of Low-quality Videos for Perceptual Restoration
8. **Tencent**, 2008.01-2017.12
- No-reference Quality Assessment for Live Videos
9. **OPPO**, 2021.08-2024.07
- Personalized Image Aesthetics Assessment and Interpretation

PUBLICATIONS

JOURNAL PAPERS: IEEE TIP(14)/TMM(23)/TCSVT(15)/TPAMI(2)/TCYB(3)

1. **Leida Li**, Pengfei Chen, Weisi Lin, Mai Xu, Guangming Shi, "From Whole Video to Frames: Weakly-Supervised Domain Adaptive Continuous-Time QoE Evaluation", *IEEE Transactions on Image Processing*, vol. 31, pp. 4937-4951, 2022.
2. **Leida Li**, Hancheng Zhu, Sicheng Zhao, Guiguang Ding, Weisi Lin, "Personality-assisted Multi-task Learning for Generic and Personalized Image Aesthetics Assessment", *IEEE Transactions on Image Processing*, vol. 29, pp. 3898-3910, 2020.
3. **Leida Li**, Hao Cai, Yabin Zhang, Weisi Lin, Alex C. Kot, Xingming Sun, "Sparse Representation Based Image Quality Index with Adaptive Sub-dictionaries", *IEEE Transactions on Image Processing*, vol. 25, no. 8, pp. 3775-3786, 2016.
4. Pengfei Chen, **Leida Li***, Jinjian Wu, Weisheng Dong, Guangming Shi, "Contrastive Self-supervised Pre-training for Video Quality Assessment", *IEEE Transactions on Image Processing*, vol. 31, pp. 458-471, 2022.
5. Pengfei Chen, **Leida Li***, Jinjian Wu, Yabin Zhang, Weisi Lin, "Temporal Reasoning Guided QoE Evaluation for Mobile Live Video Broadcasting", *IEEE Transactions on Image Processing*, vol. 30, pp. 3279-3292, 2021.
6. Yu Zhou, **Leida Li***, Shiqi Wang, Jinjian Wu, Yuming Fang, Xinbo Gao, "No-reference Quality Assessment for View Synthesis Using DoG-based Edge Statistics and Texture Naturalness", *IEEE Transactions on Image Processing*, vol. 28, no. 9, pp. 4566-4579, 2019.

7. Yuming Fang, Jiebin Yan, **Leida Li***, Jinjian Wu, Weisi Lin, "No Reference Quality Assessment for Screen Content Images with Both Local and Global Feature Representation", *IEEE Transactions on Image Processing*, vol. 27, no. 4, pp. 1600-1610, 2018.
8. Jinjian Wu, **Leida Li**, Weisheng Dong, Guangming Shi, Weisi Lin, C.-C. Jay Kuo, "Enhanced Just Noticeable Difference Model for Images with Pattern Complexity", *IEEE Transactions on Image Processing*, vol. 26, no. 6, pp. 2682-2693, 2017.
9. Jingyuan Yang, Jie Li, **Leida Li**, Xiumei Wang, Yuxuan Ding, Xinbo Gao, "Seeking Subjectivity in Visual Emotion Distribution Learning", *IEEE Transactions on Image Processing*, vol. 31, pp. 5189-5202, 2022.
10. Jingyuan Yang, Xinbo Gao, **Leida Li**, Xiumei Wang, Jinshan Ding, "SOLVER: Scene-Object Interrelated Visual Emotion Reasoning Network", *IEEE Transactions on Image Processing*, vol. 30, pp. 8686-8701, 2021.
11. Jupu Ma, Jinjian Wu, **Leida Li**, Weisheng Dong, Xuemei Xie, Guangming Shi, Weisi Lin, "Blind Image Quality Assessment with Active Inference", *IEEE Transactions on Image Processing*, vol. 30, pp. 3650-3663, 2021.
12. Wen Yang, Jinjian Wu, Shiwei Tian, **Leida Li**, Weisheng Dong, Guangming Shi, "Fine-grained Image Quality Caption with Hierarchical Semantics Degradation", *IEEE Transactions on Image Processing*, vol. 31, pp. 3578-3590, 2022.
13. Guangcheng Wang, Zhongyuan Wang, Ke Gu, **Leida Li**, Zhifang Xia, Lifang Wu, "Blind Quality Metric of DIBR-Synthesized Images in the Discrete Wavelet Transform Domain", *IEEE Transactions on Image Processing*, vol. 29, pp. 1802-1814, 2019.
14. Yabin Zhang, Yuming Fang, Weisi Lin, Xinfeng Zhang, **Leida Li**, "Backward Registration Based Aspect Ratio Similarity for Image Retargeting Quality Assessment", *IEEE Transactions on Image Processing*, vol. 25, no. 9, pp. 4286-4297, 2016.
15. Yipo Huang, **Leida Li***, Pengfei Chen, Haoning Wu, Weisi Lin, Guangming Shi, "Multi-modality Multi-attribute Contrastive Pre-training for Image Aesthetics Computing", *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2024.
16. Xiaotong Lu, Weisheng Dong, Xin Li, Jinjian Wu, **Leida Li**, Guangming Shi, "Adaptive Search-and-Training for Robust and Efficient Network Pruning", *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 45, no. 8, pp. 9325-9338, 2023.
17. **Leida Li**, Weisi Lin, Xuesong Wang, Gaobo Yang, Khosro Bahrami, Alex C. Kot, "No-reference Image Blur Assessment Based on Discrete Orthogonal Moments", *IEEE Transactions on Cybernetics*, vol. 46, no. 1, pp. 39-50, 2016.
18. Hancheng Zhu, **Leida Li***, Jinjian Wu, Sicheng Zhao, Guiguang Ding, Guangming Shi, "Personalized Image Aesthetics Assessment via Meta-learning with Bi-level Gradient Optimization", *IEEE Transactions on Cybernetics*, vol. 52, no. 3, pp. 1798-1811, 2022.
19. Aoxiang Zhang, Yuangen Wang, Weixuan Tang, **Leida Li**, Sam Kwong, "A Spatial-Temporal Video Quality Assessment Method via Comprehensive HVS Simulation", *IEEE Transactions on Cybernetics*, vol. 54, no. 8, pp. 4749-4762, 2023.
20. **Leida Li**, Yu Zhou, Jinjian Wu, Fu Li, Guangming Shi, "Quality Index for View Synthesis by Measuring Instance Degradation and Global Appearance", *IEEE Transactions on Multimedia*, vol. 23, pp. 320-332, 2021.
21. **Leida Li**, Yixuan Li, Jijian Wu, Lin Ma, Yuming Fang, "Quality Evaluation for Image Retargeting with Instance Semantics", *IEEE Transactions on Multimedia*, vol. 23, pp. 2757-2769, 2021.

22. **Leida Li**, Yu Zhou, Ke Gu, Weisi Lin, Shiqi Wang, "Quality Assessment of DIBR-synthesized Images by Measuring Local Geometric Distortions and Global Sharpness", *IEEE Transactions on Multimedia*, vol. 20, no. 4, pp. 914-926, 2018.
23. **Leida Li**, Wenhan Xia, Weisi Lin, Yuming Fang, Shiqi Wang, "No-reference and Robust Image Sharpness Evaluation Based on Multi-scale Spatial and Spectral Features", *IEEE Transactions on Multimedia*, vol. 19, no. 5, pp. 1030-1040, 2017.
24. **Leida Li**, Dong Wu, Jinjian Wu, Haoliang Li, Weisi Lin, Alex C. Kot, "Image Sharpness Assessment by Sparse Representation", *IEEE Transactions on Multimedia*, vol. 18, no. 6, pp. 1085-1097, 2016.
25. Yipo Huang, **Leida Li***, Pengfei Chen, Jinjian Wu, Yuzhe Yang, Yaqian Li, Guangming Shi, "Coarse-to-fine Image Aesthetics Assessment with Dynamic Attribute Selection", *IEEE Transactions on Multimedia*, vol. 26, pp. 9316-9329, 2024.
26. Zhichao Yang, **Leida Li***, Yuzhe Yang, Yaqian Li, Weisi Lin, "Multi-level Transitional Contrast Learning for Personalized Image Aesthetics Assessment", *IEEE Transactions on Multimedia*, vol. 26, pp. 1944-1956, 2024.
27. Tianshu Song, **Leida Li***, Jinjian Wu, Yuzhe Yang, Yaqian Li, Yandong Guo, Guangming Shi, "Knowledge-Guided Blind Image Quality Assessment with Few Training Samples", *IEEE Transactions on Multimedia*, vol. 25, pp. 8145-8156, 2023.
28. Yipo Huang, **Leida Li***, Yuzhe Yang, Yaqian Li, Yandong Guo, "Explainable and Generalizable Blind Image Quality Assessment via Semantic Attribute Reasoning", *IEEE Transactions on Multimedia*, vol. 25, pp. 7672-7685, 2023.
29. Tong Zhu, **Leida Li***, Jufeng Yang, Sicheng Zhao, Hantao Liu, and Jiansheng Qian, "Multimodal Sentiment Analysis with Image-Text Interaction Network", *IEEE Transactions on Multimedia*, vol. 25, pp. 3375-3385, 2023.
30. Tong Zhu, **Leida Li***, Jufeng Yang, Sicheng Zhao, Xiao Xiao, "Multimodal Emotion Classification with Multi-level Semantic Reasoning Network", *IEEE Transactions on Multimedia*, vol. 25, pp. 6868-6880, 2023.
31. Yu Zhou, **Leida Li***, Jinjian Wu, Ke Gu, Weisheng Dong, Guangming Shi, "Blind Quality Index for Multiply Distorted Images Using Biorientation Structure Degradation and Nonlocal Statistics", *IEEE Transactions on Multimedia*, vol. 20, no. 11, pp. 3019-3032, 2018.
32. Bo Hu, **Leida Li***, Hantao Liu, Weisi Lin, Jiansheng Qian, "Pairwise Comparison Based Rank Learning for Benchmarking Image Restoration Algorithms", *IEEE Transactions on Multimedia*, vol. 21, no. 8, pp. 2042-2056, 2019.
33. Hancheng Zhu, Yong Zhou, **Leida Li***, Yaqian Li, Yandong Guo, "Learning Personalized Image Aesthetics from Subjective and Objective Attributes", *IEEE Transactions on Multimedia*, vol. 25, pp. 179-190, 2023.
34. Yuming Fang, Jiebin Yan, Rengang Du, Yifan Zuo, Wenying Wen, Yan Zeng, **Leida Li***, "Blind Quality Assessment for Tone-Mapped Images by Analysis of Gradient and Chromatic Statistics", *IEEE Transactions on Multimedia*, vol. 23, pp. 955-966, 2020.
35. Bo Hu, Guang Zhu, **Leida Li**, Ji Gan, Weisheng Li, Xinbo Gao, "Blind Image Quality Index with Cross-domain Interaction and Cross-scale Integration", *IEEE Transactions on Multimedia*, vol. 26, pp. 2729-2739, 2024.
36. Guanghui Yue, Di Cheng, **Leida Li**, Tianwei Zhou, Hantao Liu, Tianfu Wang, "Semi-Supervised Authentically Distorted Image Quality Assessment with Consistency-Preserving Dual-Branch Convolutional Neural Network", *IEEE Transactions on Multimedia*, vol. 25, pp. 6499-6511, 2023.
37. Jinjian Wu, Chuanwei Ma, **Leida Li**, Weisheng Dong, Guangming Shi, "Probabilistic Undirected Graph Based Denoising Method for Dynamic Vision Sensor", *IEEE Transactions on Multimedia*, vol. 23, pp. 1148-1159, 2021.

38. Yongxu Liu, Jinjian Wu, Aobo Li, **Leida Li**, Weisheng Dong, Guangming Shi, Weisi Lin, "Video Quality Assessment with Serial Dependence Modeling", *IEEE Transactions on Multimedia*, vol. 24, pp. 3754-3768, 2022.
39. Yu Zhou, Weikang Gong, Yanjing Sun, **Leida Li**, Ke Gu, Jinjian Wu, "Quality Assessment for Stitched Panoramic Images via Patch Registration and Bidimensional Feature Aggregation", *IEEE Transactions on Multimedia*, vol. 26, pp. 3354-3365, 2024.
40. Yu Zhou, Weikang Gong, Yanjing Sun, **Leida Li**, Jinjian Wu, Xinbo Gao, "Pyramid Feature Aggregation for Hierarchical Quality Prediction of Stitched Panoramic Images", *IEEE Transactions on Multimedia*, vol. 25, pp. 4177-4185, 2023.
41. Pengfei Guo, Hantao Liu, Delu Zeng, Tao Xiang, **Leida Li**, Ke Gu, "An Underwater Image Quality Assessment Metric", *IEEE Transactions on Multimedia*, vol. 25, pp. 5093-5106, 2023.
42. Sadbhawna, Vinit Jakhetiya, Badri N. Subudhi, Sunil P. Jaiswal, **Leida Li**, Weisi Lin, "Context Region Identification based Quality Assessment of 3D Synthesized Views", *IEEE Transactions on Multimedia*, vol. 25, pp. 6183-6193, 2023.
43. **Leida Li**, Yipo Huang, Jinjian Wu, Yuzhe Yang, Yaqian Li, Yandong Guo, Guangming Shi, "Theme-aware Visual Attribute Reasoning for Image Aesthetics Assessment", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 33, no. 9, pp. 4798-4811, 2023.
44. **Leida Li**, Tong Zhu, Pengfei Chen, Yuzhe Yang, Yaqian Li, Weisi Lin, "Image Aesthetics Assessment with Attribute-Assisted Multimodal Memory Network", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 33, no. 12, pp. 7413-7424, 2023.
45. **Leida Li**, Tianshu Song, Jinjian Wu, Weisheng Dong, Jiansheng Qian, Guangming Shi, "Blind Image Quality Index for Authentic Distortions with Local and Global Deep Feature Aggregation", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 32, no. 12, pp. 8512-8523, 2022.
46. **Leida Li**, Yipo Huang, Jinjian Wu, Ke Gu, Yuming Fang, "Predicting the Quality of View Synthesis with Color-Depth Image Fusion", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 31, no. 7, pp. 2509-2521, 2021.
47. **Leida Li**, Yu Zhou, Ke Gu, Yuzhe Yang, "Blind Realistic Blur Assessment Based on Discrepancy Learning", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 30, no. 11, pp. 3859-3869, 2020.
48. Tianshu Song, **Leida Li***, Deqiang Cheng, Pengfei Chen, Jinjian Wu, "Active Learning-Based Sample Selection for Label-Efficient Blind Image Quality Assessment", *IEEE Transactions on Circuits and Systems for Video Technology*, vol.34, no. 7, pp. 5884-5896, 2024.
49. Pengfei Chen, **Leida Li***, Haoliang Li, Jinjian Wu, Weisheng Dong, Guangming Shi, "Dynamic Expert-Knowledge Ensemble for Generalizable Video Quality Assessment", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 33, no. 6, pp. 2577-2589, 2023.
50. Hancheng Zhu, **Leida Li***, Jinjian Wu, Weisheng Dong, Guangming Shi, "Generalizable No-Reference Image Quality Assessment via Deep Meta-learning", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 32, no. 3, pp. 1048-1060, 2022.
51. Tianshu Song, **Leida Li***, Pengfei Chen, Hantao Liu, Jiansheng Qian, "Blind Image Quality Assessment for Authentic Distortions by Intermediary Enhancement and Iterative Training", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 32, no. 11, pp. 7592-7604, 2022.

52. Yuming Fang, Rengang Du, Yifan Zuo, Wenying Wen, **Leida Li***, "Perceptual Quality Assessment for Screen Content Images by Spatial Continuity", *IEEE Transactions on Circuits and Systems for Video Technology*, in press, vol. 30, no. 11, pp. 4050-4063, 2020.
53. Yu Zhou, Yanjing Sun, **Leida Li**, Ke Gu, Yuming Fang, "Omnidirectional Image Quality Assessment by Distortion Discrimination Assisted Multi-Stream Network", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 32, no. 4, pp. 1767-1777, 2022.
54. Yongxu Liu, Jinjian Wu, **Leida Li**, Weisheng Dong, Jinpeng Zhang, Guangming Shi, "Spatiotemporal Representation Learning for Blind Video Quality Assessment", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 32, no. 6, pp. 3500-3513, 2022.
55. Yongxu Liu, Jinjian Wu, **Leida Li**, Weisheng Dong, Guangming Shi, "Quality Assessment of UGC Videos Based on Decomposition and Recomposition", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 33, no. 3, pp. 1043-1054, 2023.
56. Xiangling Ding, Ningbo Zhu, **Leida Li**, Yue Li, Gaobo Yang, "Robust Localization of Interpolated Frames by Motion-compensated Frame-interpolation Based on Artifact Indicated Map and Tchebichef Moments", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 29, no. 7, pp. 1893-1906, 2019.
57. Zhiwen Chen, Jinjian Wu, Junhui Hou, **Leida Li**, Weisheng Dong, Guangming Shi, "ECSNet: Spatio-Temporal Feature Learning for Event Camera", *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 33, no. 2, pp. 701-712, 2023.
58. Weisheng Dong, Jinjian Wu, **Leida Li**, Guangming Shi, Xin Li, "Bayesian Deep Learning for Image Reconstruction: From Structured Sparsity to Uncertainty Estimation", *IEEE Signal Processing Magazine*, vol. 40, no. 1, pp. 73-84, 2023.
59. Xin Li, Weisheng Dong, Jinjian Wu, **Leida Li**, Guangming Shi, "Superresolution Image Reconstruction: Selective Milestones and Open Problems", *IEEE Signal Processing Magazine*, vol. 40, no. 5, pp. 54-66, 2023.
60. Ke Gu, **Leida Li**, Hong Lu, Xionghuo Min, Weisi Lin, "A Fast Reliable Image Quality Predictor by Fusing Micro- and Macro-structures", *IEEE Transactions on Industrial Electronics*, vol. 64, no. 5, pp. 3903- 3912, 2017.
61. Khosro Bahrami, Alex C. Kot, **Leida Li**, Haoliang Li, "Blurred Image Splicing Localization by Exposing Blur Type Inconsistency", *IEEE Transactions on Information Forensics and Security*, vol. 10, no. 5, pp. 999-1009, 2015.
62. Tao Huang, Weisheng Dong, Jinjian Wu, **Leida Li**, Xin Li, Guangming Shi, "Deep Hyperspectral Image Fusion Network with Iterative Spatio-Spectral Regularization", *IEEE Transactions on Computational Imaging*, vol. 8, pp. 201-214, 2022.
63. Tuoxun Zhao, Jia Zheng, Bo Hu, Yan Zhang, **Leida Li**, Weisheng Li, Xinbo Gao, "Blind Image Quality Assessment with Coarse-grained Perception Construction and Fine-grained Interaction Learning", *IEEE Transactions on Broadcasting*, vol. 70, no. 2, pp. 533-544, 2024.
64. Qian Ning, Weisheng Dong, Guangming Shi, **Leida Li**, Xin Li, "Accurate and Lightweight Image Super-Resolution with Model-Guided Deep Unfolding Network", *IEEE Journal of Selected Topics in Signal Processing*, vol.15, no. 2, pp. 240-252, 2021.
65. Xiaohan Yang, Fan Li, **Leida Li**, Ke Gu, Hantao Liu, "Study of Natural Scene Categories in Measurement of Perceived Image Quality", *IEEE Transactions on Instrumentation and Measurement*, vol. 71, Article ID. 5006712, 2022.

66. Yu Zhou, Yiyi Ding, Yanjing Sun, **Leida Li**, Jinjian Wu, Xinbo Gao, "Perceptual Information Completion-Based Siamese Omnidirectional Image Quality Assessment Network", *IEEE Transactions on Instrumentation and Measurement*, vol. 73, pp. 1-10, 2024.
67. Miaohui Wang, Yijing Huang, Jiaxin Lin, Wuyuan Xie, Guanghui Yue, Shiqi Wang, **Leida Li**, "Quality Measurement of Screen Images via Foreground Perception and Background Suppression", *IEEE Transactions on Instrumentation and Measurement*, vol. 70, Article ID. 5014511, 2021.
68. Lu Sun, Weisheng Dong, Xin Li, Jinjian Wu, **Leida Li**, Guangming Shi, "Deep Maximum a Posterior Estimator for Video Denoising", *International Journal of Computer Vision*, vol. 129, pp. 2827-2845, 2021.
69. **Leida Li**, Xi Chen, Jinjian Wu, Shiqi Wang, Guangming Shi, "No-reference Quality Index of Depth Images Based on Statistics of Edge Profiles for View Synthesis", *Information Sciences*, vol. 516, pp. 205-219, 2020.
70. **Leida Li**, Shushang Li, Ajith Abraham, Jeng-Shyang Pan, "Geometrically Invariant Image Watermarking Using Polar Harmonic Transforms", *Information Sciences*, vol. 199, pp. 1-19, 2012.
71. **Leida Li**, Xiaoping Yuan, Zhaolin Lu, Jeng-Shyang Pan, "Rotation Invariant Watermark Embedding Based on Scale-adapted Characteristic Regions", *Information Sciences*, vol. 180, no. 15, pp. 2875-2888, 2010.
72. Tong Zhu, **Leida Li***, Pengfei Chen, Jinjian Wu, Yuzhe Yang, Yaqian Li, "Emotion-aware Hierarchical Interaction Network for Multimodal Image Aesthetics Assessment", *Pattern Recognition*, vol. 154, Article ID. 110584, 2024.
73. Tianshu Song, **Leida Li***, Jinjian Wu, Weisheng Dong, Deqiang Cheng, "Quality-aware Blind Image Motion Deblurring", *Pattern Recognition*, vol. 153, Article ID.110586, 2024.
74. Pengfei Chen, **Leida Li***, Xinfeng Zhang, Shanshe Wang, Allen Tan, "Blind Quality Index for Tone-mapped Images Based on Luminance Partition", *Pattern Recognition*, vol. 89, pp. 108-118, 2019.

CONFERENCE PAPERS

1. Hancheng Zhu, **Leida Li***, Jinjian Wu, Weisheng Dong, Guangming Shi, "MetaIQA: Deep Meta-learning for No-Reference Image Quality Assessment", *CVPR*, 2020.
2. Pengfei Chen, **Leida Li***, Jinjian Wu, Weisheng Dong, Guangming Shi, "Unsupervised Curriculum Domain Adaptation for No-Reference Video Quality Assessment", *ICCV*, 2021.
3. Pengfei Chen, **Leida Li***, Lei Ma, Jinjian Wu, Guangming Shi, "RIRNet: Recurrent-In-Recurrent Network for Video Quality Assessment", *ACM Multimedia*, 2020.
4. Xiangfei Sheng, **Leida Li***, Pengfei Chen, Jinjian Wu, Weisheng Dong, Yuzhe Yang, Liwu Xu, Yaqian Li, Guangming Shi, "AesCLIP: Multi-Attribute Contrastive Learning for Image Aesthetics Assessment", *ACM Multimedia*, 2023.
5. Zhichao Yang, **Leida Li***, Pengfei Chen, Jinjian Wu, Weisheng Dong, "Semantics-aware Image Aesthetics Assessment using Tag Matching and Contrastive Ranking", *ACM Multimedia*, 2024.
6. Yipo Huang, Xiangfei Sheng, Zhichao Yang, Quan Yuan, Zhichao Duan, Pengfei Chen, **Leida Li***, Weisi Lin, Guangming Shi, "AesExpert: Towards Multi-modality Foundation Model for Image Aesthetics Perception", *ACM Multimedia*, 2024.
7. Sicheng Zhao, Zizhou Jia, Hui Chen, **Leida Li***, Guiguang Ding, Kurt Keutzer, "PDANet: Polarity-consistent Deep Attention Network for Fine-grained Visual Emotion Regression", *ACM Multimedia*, 2019.
8. Jingyuan Yang, Jie Li, **Leida Li**, Xiumei Wang, Xinbo Gao, "A Circular-Structured Representation for Visual Emotion Distribution Learning", *CVPR*, 2021.
9. Yuzhe Yang, Liwu Xu, **Leida Li**, Nan Qie, Yaqian Li, Peng Zhang, Yandong Guo, "Personalized Image Aesthetics Assessment with Rich Attributes", *CVPR*, 2022.

10. Yufan Zhu, Weisheng Dong, **Leida Li**, Jinjian Wu, Xin Li, Guangming Shi, "Robust Depth Completion with Uncertainty-Driven Loss Functions", *AAAI*, 2022.
11. Wen Yang, Jinjian Wu, **Leida Li**, Weisheng Dong, Guangming Shi, "Image Quality Caption with Attentive and Recurrent Semantic Attractor Network", *ACM Multimedia*, 2021.
12. Wen Yang, Jinjian Wu, **Leida Li**, Weisheng Dong, Guangming Shi, "Event-based Motion Deblurring with Modality-Aware Decomposition and Recomposition", *ACM Multimedia*, 2023.
13. Jinjian Wu, Yongxu Liu, **Leida Li**, Weisheng Dong, Guangming Shi, "No-Reference Video Quality Assessment with Heterogeneous Knowledge Ensemble", *ACM Multimedia*, 2021.
14. Huachen Fang, Jinjian Wu, **Leida Li**, Junhui Hou, Weisheng Dong, Guangming Shi, "AEDNet: Asynchronous Event Denoising with Spatial-Temporal Correlation among Irregular Data", *ACM Multimedia*, 2022.
15. Aobo Li, Jinjian Wu, Yongxu Liu, **Leida Li**, "Distortion-Guided Domain Generalization for Blind Image Quality Assessment", *CVPR*, 2024.
16. Wen Yang, Jinjian Wu, Jupao Ma, **Leida Li**, Guangming Shi, "Motion Deblurring via Spatial-Temporal Collaboration of Frames and Events", *AAAI*, 2024.
17. Wen Yang, Jinjian Wu, Jupao Ma, **Leida Li**, Weisheng Dong, Guangming Shi, "Learning for Motion Deblurring with Hybrid Frames and Events", *ACM Multimedia*, 2022.
18. Xixi Nie, Bo Hu, Xinbo Gao, **Leida Li**, Xiaodan Zhang, Bin Xiao, "BMI-Net: A Brain-inspired Multimodal Interaction Network for Image Aesthetic Assessment", *ACM Multimedia*, 2023.
19. Liuyu Xiang, Xiaoming Jin, Guiguang Ding, Jungong Han, **Leida Li**, "Incremental Few-shot Learning for Pedestrian Attribute Recognition", *IJCAI*, 2019.
20. Zhou Yang, Weisheng Dong, Xin Li, Jinjian Wu, **Leida Li**, Guangming Shi, "Self-Feature Distillation with Uncertainty Modeling for Degraded Image Recognition", *ECCV*, 2022.
21. Zhenxuan Fang, Weisheng Dong, Xin Li, Jinjian Wu, **Leida Li**, Guangming Shi, "Uncertainty Learning in Kernel Estimation for Multi-Stage Blind Image Super-Resolution", *ECCV*, 2022.
22. Xingyu Zhou, Leheng Zhang, Xiaorui Zhao, Keze Wang, **Leida Li**, Shuhang Gu, "Video Super-Resolution Transformer with Masked Inter&Intra-Frame Attention", *CVPR*, 2024.
23. Yaohui Li, Yuzhe Yang, Huaxiong Li, Haoxing Chen, Liwu Xu, **Leida Li**, Yaqian Li, Yandong Gu, "Transductive Aesthetic Preference Propagation for Personalized Image Aesthetics Assessment", *ACM Multimedia*, 2022.
24. Hancheng Zhu, Zhiwen Shao, Yong Zhou, Guangcheng Wang, Pengfei Chen, **Leida Li**, "Personalized Image Aesthetics Assessment with Attribute-guided Fine-grained Feature Representation", *ACM Multimedia*, 2023.
25. Hancheng Zhu, Ju Shi, Zhiwen Shao, Rui Yao, Yong Zhou, Jiaqi Zhao, **Leida Li**, "Attribute-Driven Multimodal Hierarchical Prompts for Image Aesthetic Quality Assessment", *ACM Multimedia*, 2024.