

Leida Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

260
papers

7,487
citations

44
h-index

79
g-index

302
ext. papers

9,290
ext. citations

4.6
avg, IF

6.63
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 260 | SPIQ: A Self-Supervised Pre-Trained Model for Image Quality Assessment. <i>IEEE Signal Processing Letters</i> , 2022 , 29, 513-517 | 3.2 | 1 |
| 259 | Deep Learning-based Perceptual Video Quality Enhancement for 3D Synthesized View. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022 , 1-1 | 6.4 | 0 |
| 258 | Deep Hyperspectral Image Fusion Network With Iterative Spatio-Spectral Regularization. <i>IEEE Transactions on Computational Imaging</i> , 2022 , 8, 201-214 | 4.5 | 5 |
| 257 | Study of Natural Scene Categories in Measurement of Perceived Image Quality. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 71, 1-12 | 5.2 | 2 |
| 256 | Hierarchical Discrepancy Learning for Image Restoration Quality Assessment. <i>Signal Processing</i> , 2022 , 108595 | 4.4 | 0 |
| 255 | Illumination Unification for Person Re-Identification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022 , 1-1 | 6.4 | 1 |
| 254 | Pyramid Feature Aggregation for Hierarchical Quality Prediction of Stitched Panoramic Images. <i>IEEE Transactions on Multimedia</i> , 2022 , 1-1 | 6.6 | |
| 253 | Blind Image Quality Assessment for Authentic Distortions by Intermediary Enhancement and Iterative Training. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022 , 1-1 | 6.4 | 1 |
| 252 | Learning Personalized Image Aesthetics from Subjective and Objective Attributes. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1 | 6.6 | 0 |
| 251 | Contrastive Self-supervised Pre-training for Video Quality Assessment. <i>IEEE Transactions on Image Processing</i> , 2021 , PP, | 8.7 | 5 |
| 250 | SOLVER: Scene-Object Interrelated Visual Emotion Reasoning Network. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 8686-8701 | 8.7 | 3 |
| 249 | IE-IQA: Intelligibility Enriched Generalizable No-Reference Image Quality Assessment. <i>Frontiers in Neuroscience</i> , 2021 , 15, 739138 | 5.1 | |
| 248 | An engineered CRISPR-Cas12a variant and DNA-RNA hybrid guides enable robust and rapid COVID-19 testing. <i>Nature Communications</i> , 2021 , 12, 1739 | 17.4 | 37 |
| 247 | . <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 320-332 | 6.6 | 6 |
| 246 | . <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 955-966 | 6.6 | 3 |
| 245 | Predicting the Quality of View Synthesis With Color-Depth Image Fusion. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 2509-2521 | 6.4 | 3 |
| 244 | . <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 2757-2769 | 6.6 | 2 |

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| 243 | Temporal Reasoning Guided QoE Evaluation for Mobile Live Video Broadcasting. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3279-3292 | 8.7 | 5 |
| 242 | Blind Image Quality Assessment With Active Inference. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3650-3663 | 8.7 | 10 |
| 241 | Just Noticeable Difference for Deep Machine Vision. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 1 |
| 240 | Omnidirectional Image Quality Assessment by Distortion Discrimination Assisted Multi-Stream Network. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 2 |
| 239 | Unified Information Fusion Network for Multi-Modal RGB-D and RGB-T Salient Object Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 11 |
| 238 | Blind Image Quality Index for Authentic Distortions With Local and Global Deep Feature Aggregation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 2 |
| 237 | LGGD+: Image Retargeting Quality Assessment by Measuring Local and Global Geometric Distortions. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 3 |
| 236 | Spatiotemporal Representation Learning for Blind Video Quality Assessment. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 6 |
| 235 | . <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1 | 6.6 | 4 |
| 234 | Generalizable No-Reference Image Quality Assessment via Deep Meta-learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 8 |
| 233 | Accurate and Lightweight Image Super-Resolution With Model-Guided Deep Unfolding Network. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 15, 240-252 | 7.5 | 9 |
| 232 | StereoARS: Quality Evaluation for Stereoscopic Image Retargeting With Binocular Inconsistency Detection. <i>IEEE Transactions on Broadcasting</i> , 2021 , 1-15 | 4.7 | 2 |
| 231 | Quality Measurement of Screen Images via Foreground Perception and Background Suppression. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-11 | 5.2 | 2 |
| 230 | Fine-Grained Image Quality Assessment: A Revisit and Further Thinking. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1 | 6.4 | 3 |
| 229 | Blind Quality Index of Depth Images Based on Structural Statistics for View Synthesis. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 685-689 | 3.2 | 3 |
| 228 | Active Inference of GAN for No-Reference Image Quality Assessment 2020 , | | 3 |
| 227 | . <i>IEEE Transactions on Multimedia</i> , 2020 , 1-1 | 6.6 | 3 |
| 226 | End-to-End Blind Image Quality Prediction With Cascaded Deep Neural Network. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 7414-7426 | 8.7 | 34 |

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| 225 | Personalized Image Aesthetics Assessment via Meta-Learning With Bilevel Gradient Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP, | 10.2 | 5 |
| 224 | Personality-assisted Multi-task Learning for Generic and Personalized Image Aesthetics Assessment. <i>IEEE Transactions on Image Processing</i> , 2020 , | 8.7 | 20 |
| 223 | Subjective and objective quality assessment for image restoration: A critical survey. <i>Signal Processing: Image Communication</i> , 2020 , 85, 115839 | 2.8 | 8 |
| 222 | The effect of social exclusion on persuasiveness of feelings versus reasons in advertisements: the moderating role of culture. <i>International Journal of Advertising</i> , 2020 , 39, 1252-1273 | 3.6 | 1 |
| 221 | No-reference quality assessment for live broadcasting videos in temporal and spatial domains. <i>IET Image Processing</i> , 2020 , 14, 774-781 | 1.7 | 2 |
| 220 | Object-level Attention for Aesthetic Rating Distribution Prediction 2020 , | | 4 |
| 219 | RIRNet 2020 , | | 22 |
| 218 | Perceptual quality assessment for multimodal medical image fusion. <i>Signal Processing: Image Communication</i> , 2020 , 85, 115852 | 2.8 | 2 |
| 217 | Blind Realistic Blur Assessment Based on Discrepancy Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 3859-3869 | 6.4 | 2 |
| 216 | No-reference quality index of depth images based on statistics of edge profiles for view synthesis. <i>Information Sciences</i> , 2020 , 516, 205-219 | 7.7 | 5 |
| 215 | Perceptual Quality Assessment for Screen Content Images by Spatial Continuity. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 4050-4063 | 6.4 | 15 |
| 214 | Salient Object Detection by Spatiotemporal and Semantic Features in Real-Time Video Processing Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 9893-9903 | 8.9 | 5 |
| 213 | CUID: A New Study Of Perceived Image Quality And Its Subjective Assessment 2020 , | | 2 |
| 212 | No-Reference Quality Prediction for DIBR-Synthesized Images Using Statistics of Fused Color-Depth Images 2020 , | | 2 |
| 211 | Aesthetics-Assisted Multi-task Learning with Attention for Image Memorability Prediction 2020 , | | 1 |
| 210 | MetalQA: Deep Meta-Learning for No-Reference Image Quality Assessment 2020 , | | 45 |
| 209 | . <i>IEEE Transactions on Broadcasting</i> , 2020 , 66, 127-139 | 4.7 | 23 |
| 208 | Statistical and Structural Information Backed Full-Reference Quality Measure of Compressed Sonar Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 334-348 | 6.4 | 14 |

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|-----|---|-----|----|
| 207 | Inferring Personality Traits from Attentive Regions of User Liked Images Via Weakly Supervised Dual Convolutional Network. <i>Neural Processing Letters</i> , 2020 , 51, 2105-2121 | 2.4 | 6 |
| 206 | Learning a Unified Blind Image Quality Metric via On-Line and Off-Line Big Training Instances. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 780-791 | 3.2 | 12 |
| 205 | Personality Driven Multi-task Learning for Image Aesthetic Assessment 2019 , | | 5 |
| 204 | Quality Index for Benchmarking Image Inpainting Algorithms with Guided Regional Statistics. <i>IEICE Transactions on Information and Systems</i> , 2019 , E102.D, 1430-1433 | 0.6 | 1 |
| 203 | . <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 2042-2056 | 6.6 | 16 |
| 202 | Context-aware Deep Learning for Multi-modal Depression Detection 2019 , | | 9 |
| 201 | No-Reference Quality Assessment for View Synthesis Using DoG-based Edge Statistics and Texture Naturalness. <i>IEEE Transactions on Image Processing</i> , 2019 , | 8.7 | 30 |
| 200 | Signal-Independent Separable KLT by Offline Training for Video Coding. <i>IEEE Access</i> , 2019 , 7, 33087-33093 | 3.5 | 1 |
| 199 | Quality assessment for view synthesis using low-level and mid-level structural representation. <i>Signal Processing: Image Communication</i> , 2019 , 74, 309-321 | 2.8 | 6 |
| 198 | Blind quality assessment of gamut-mapped images via local and global statistical analysis. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 61, 250-259 | 2.7 | 3 |
| 197 | No-reference quality assessment for contrast-distorted images based on multifaceted statistical representation of structure. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 60, 158-169 | 2.7 | 1 |
| 196 | Robust Localization of Interpolated Frames by Motion-Compensated Frame Interpolation Based on an Artifact Indicated Map and Tchebichef Moments. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 1893-1906 | 6.4 | 9 |
| 195 | . <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 2738-2749 | 6.6 | 23 |
| 194 | Incremental Few-Shot Learning for Pedestrian Attribute Recognition 2019 , | | 7 |
| 193 | Blind Quality Metric of DIBR-Synthesized Images in the Discrete Wavelet Transform Domain. <i>IEEE Transactions on Image Processing</i> , 2019 , | 8.7 | 22 |
| 192 | Video Frame Synthesis via Plug-and-Play Deep Locally Temporal Embedding. <i>IEEE Access</i> , 2019 , 7, 179304-179319 | 3.4 | 19 |
| 191 | QoE Evaluation for Live Broadcasting Video 2019 , | | 3 |
| 190 | Fractional quaternion cosine transform and its application in color image copy-move forgery detection. <i>Multimedia Tools and Applications</i> , 2019 , 78, 8057-8073 | 2.5 | 20 |

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| 189 | Internal generative mechanism driven blind quality index for deblocked images. <i>Multimedia Tools and Applications</i> , 2019 , 78, 12583-12605 | 2.5 | 2 |
| 188 | Visual-Attention-Based Pixel Dimming Technique for OLED Displays of Mobile Devices. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7159-7167 | 8.9 | 11 |
| 187 | A Highly Efficient Blind Image Quality Assessment Metric of 3-D Synthesized Images Using Outlier Detection. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4120-4128 | 11.9 | 24 |
| 186 | Towards a blind image quality evaluator using multi-scale second-order statistics. <i>Signal Processing: Image Communication</i> , 2019 , 71, 88-99 | 2.8 | 6 |
| 185 | Blind image quality assessment with hierarchy: Degradation from local structure to deep semantics. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 58, 353-362 | 2.7 | 14 |
| 184 | Blind quality index for tone-mapped images based on luminance partition. <i>Pattern Recognition</i> , 2019 , 89, 108-118 | 7.7 | 15 |
| 183 | Review of Visual Saliency Detection With Comprehensive Information. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 2941-2959 | 6.4 | 159 |
| 182 | . <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 1221-1234 | 6.6 | 25 |
| 181 | Content-Insensitive Blind Image Blurriness Assessment Using Weibull Statistics and Sparse Extreme Learning Machine. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 516-527 | 7.3 | 7 |
| 180 | . <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 323-335 | 6.4 | 33 |
| 179 | Survey of visual just noticeable difference estimation. <i>Frontiers of Computer Science</i> , 2019 , 13, 4-15 | 2.2 | 9 |
| 178 | . <i>IEEE Access</i> , 2018 , 6, 11534-11543 | 3.5 | 16 |
| 177 | Attended Visual Content Degradation Based Reduced Reference Image Quality Assessment. <i>IEEE Access</i> , 2018 , 6, 12493-12504 | 3.5 | 7 |
| 176 | Evaluating Quality of Screen Content Images Via Structural Variation Analysis. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2018 , 24, 2689-2701 | 4 | 65 |
| 175 | A Prediction Backed Model for Quality Assessment of Screen Content and 3-D Synthesized Images. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 652-660 | 11.9 | 35 |
| 174 | . <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 914-926 | 6.6 | 59 |
| 173 | . <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 659-674 | 6.6 | 17 |
| 172 | No Reference Quality Assessment for Screen Content Images With Both Local and Global Feature Representation. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 1600-1610 | 8.7 | 73 |

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| 171 | Recurrent Air Quality Predictor Based on Meteorology- and Pollution-Related Factors. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3946-3955 | 11.9 | 52 |
| 170 | Reduced-reference quality assessment of DIBR-synthesized images based on multi-scale edge intensity similarity. <i>Multimedia Tools and Applications</i> , 2018 , 77, 21033-21052 | 2.5 | 4 |
| 169 | . <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 3019-3032 | 6.6 | 22 |
| 168 | Toward Domain Transfer for No-Reference Quality Prediction of Asymmetrically Distorted Stereoscopic Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 573-585 | 6.4 | 18 |
| 167 | Reduced-Reference Quality Assessment of Screen Content Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1-14 | 6.4 | 64 |
| 166 | Training-free referenceless camera image blur assessment via hypercomplex singular value decomposition. <i>Multimedia Tools and Applications</i> , 2018 , 77, 5637-5658 | 2.5 | 9 |
| 165 | A robust forgery detection algorithm for object removal by exemplar-based image inpainting. <i>Multimedia Tools and Applications</i> , 2018 , 77, 11823-11842 | 2.5 | 28 |
| 164 | Model-Based Referenceless Quality Metric of 3D Synthesized Images Using Local Image Description. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 394-405 | 8.7 | 81 |
| 163 | No reference quality evaluation of medical image fusion. <i>International Journal of Imaging Systems and Technology</i> , 2018 , 28, 267-273 | 2.5 | 1 |
| 162 | A consistency evaluation of signal-to-noise ratio in the quality assessment of human brain magnetic resonance images. <i>BMC Medical Imaging</i> , 2018 , 18, 17 | 2.9 | 12 |
| 161 | Perceptual quality evaluation for motion deblurring. <i>IET Computer Vision</i> , 2018 , 12, 796-805 | 1.4 | 6 |
| 160 | No-Reference Quality Index for View Synthesis Based on Multi-scale Texture Naturalness. <i>Communications in Computer and Information Science</i> , 2018 , 300-309 | 0.3 | |
| 159 | Pyramidal modeling of geometric distortions for retargeted image quality evaluation. <i>Multimedia Tools and Applications</i> , 2018 , 77, 13799-13820 | 2.5 | 4 |
| 158 | Multiple-parameter fractional quaternion Fourier transform and its application in colour image encryption. <i>IET Image Processing</i> , 2018 , 12, 2238-2249 | 1.7 | 20 |
| 157 | Internal Generative Mechanism Driven Blind Quality Index for Deblocked Images 2018 , | | 1 |
| 156 | No-reference quality assessment of DIBR-synthesized videos by measuring temporal flickering. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 55, 30-39 | 2.7 | 11 |
| 155 | Detecting video frame rate up-conversion based on frame-level analysis of average texture variation. <i>Multimedia Tools and Applications</i> , 2017 , 76, 8399-8421 | 2.5 | 16 |
| 154 | No-Reference Quality Metric of Contrast-Distorted Images Based on Information Maximization. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 4559-4565 | 10.2 | 184 |

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| 153 | A Fast Reliable Image Quality Predictor by Fusing Micro- and Macro-Structures. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3903-3912 | 8.9 | 167 |
| 152 | No-Reference Quality Assessment of Deblurred Images Based on Natural Scene Statistics. <i>IEEE Access</i> , 2017 , 5, 2163-2171 | 3.5 | 32 |
| 151 | 3DHoPD: A Fast Low-Dimensional 3-D Descriptor. <i>IEEE Robotics and Automation Letters</i> , 2017 , 2, 1472-1479 | 4.9 | 14 |
| 150 | Multimodal medical image fusion based on discrete Tchebichef moments and pulse coupled neural network. <i>International Journal of Imaging Systems and Technology</i> , 2017 , 27, 57-65 | 2.5 | 20 |
| 149 | Performance Evaluation of Visual Tracking Algorithms on Video Sequences With Quality Degradation. <i>IEEE Access</i> , 2017 , 5, 2430-2441 | 3.5 | 16 |
| 148 | . <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1030-1040 | 6.6 | 80 |
| 147 | B-SHOT: a binary 3D feature descriptor for fast Keypoint matching on 3D point clouds. <i>Autonomous Robots</i> , 2017 , 41, 1501-1520 | 3 | 16 |
| 146 | Detection of image seam carving by using weber local descriptor and local binary patterns. <i>Journal of Information Security and Applications</i> , 2017 , 36, 135-144 | 3.5 | 14 |
| 145 | An efficient and effective blind camera image quality metric via modeling quaternion wavelet coefficients. <i>Journal of Visual Communication and Image Representation</i> , 2017 , 49, 204-212 | 2.7 | 15 |
| 144 | Naturalization of Screen Content Images for Enhanced Quality Evaluation. <i>IEICE Transactions on Information and Systems</i> , 2017 , E100.D, 574-577 | 0.6 | 6 |
| 143 | No reference quality assessment for screen content images 2017 , | | 4 |
| 142 | Image Pattern Similarity Index and Its Application to Task-Specific Transfer Learning. <i>IEICE Transactions on Information and Systems</i> , 2017 , E100.D, 3032-3035 | 0.6 | 3 |
| 141 | Detecting image seam carving with low scaling ratio using multi-scale spatial and spectral entropies. <i>Journal of Visual Communication and Image Representation</i> , 2017 , 48, 281-291 | 2.7 | 43 |
| 140 | Unified Blind Quality Assessment of Compressed Natural, Graphic, and Screen Content Images. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 5462-5474 | 8.7 | 116 |
| 139 | No-reference quality assessment of compressive sensing image recovery. <i>Signal Processing: Image Communication</i> , 2017 , 58, 165-174 | 2.8 | 6 |
| 138 | Perceptual evaluation of single-image super-resolution reconstruction 2017 , | | 8 |
| 137 | Using multiscale analysis for blind quality assessment of DIBR-synthesized images 2017 , | | 5 |
| 136 | On creating low dimensional 3D feature descriptors with PCA 2017 , | | 2 |

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| 135 | Facial action recognition using very deep networks for highly imbalanced class distribution 2017 , | | 6 |
| 134 | DIBR-Synthesized Image Quality Assessment via Statistics of Edge Intensity and Orientation. <i>IEICE Transactions on Information and Systems</i> , 2017 , E100.D, 1929-1933 | 0.6 | 6 |
| 133 | No-Reference Quality Assessment of Screen Content Pictures. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4005-4018 | 8.7 | 151 |
| 132 | A shallow convolutional neural network for blind image sharpness assessment. <i>PLoS ONE</i> , 2017 , 12, e0173663 | 3.2 | 21 |
| 131 | CNN-GRNN for Image Sharpness Assessment. <i>Lecture Notes in Computer Science</i> , 2017 , 50-61 | 0.9 | 5 |
| 130 | . <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 2457-2469 | 6.6 | 98 |
| 129 | Subjective and Objective Quality Assessment of Compressed Screen Content Images. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2016 , 6, 532-543 | 5.2 | 56 |
| 128 | Personalizing User Interfaces for improving quality of experience in VoD recommender systems 2016 , | | 5 |
| 127 | Blind quality index for camera images with natural scene statistics and patch-based sharpness assessment. <i>Journal of Visual Communication and Image Representation</i> , 2016 , 40, 335-344 | 2.7 | 14 |
| 126 | Aspect Ratio Similarity (ARS) for image retargeting quality assessment 2016 , | | 6 |
| 125 | No-reference quality assessment of enhanced images. <i>China Communications</i> , 2016 , 13, 121-130 | 3 | 7 |
| 124 | Blind image quality assessment with improved natural scene statistics model 2016 , 57, 56-65 | | 32 |
| 123 | A benchmark for robustness analysis of visual tracking algorithms 2016 , | | 4 |
| 122 | Orientation selectivity based visual pattern for reduced-reference image quality assessment. <i>Information Sciences</i> , 2016 , 351, 18-29 | 7.7 | 61 |
| 121 | Just Noticeable Difference Estimation for Screen Content Images. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3838-51 | 8.7 | 52 |
| 120 | Sparse Representation-Based Image Quality Index With Adaptive Sub-Dictionaries. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3775-86 | 8.7 | 29 |
| 119 | No-Reference Image Blur Assessment Based on Discrete Orthogonal Moments. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 39-50 | 10.2 | 172 |
| 118 | No-reference quality assessment of deblocked images. <i>Neurocomputing</i> , 2016 , 177, 572-584 | 5.4 | 69 |

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| 117 | Complex wavelet based quality assessment for AS-OCT images with application to Angle Closure Glaucoma diagnosis. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 130, 13-21 | 6.9 | 6 |
| 116 | Models of Monocular and Binocular Visual Perception in Quality Assessment of Stereoscopic Images. <i>IEEE Transactions on Computational Imaging</i> , 2016 , 2, 123-135 | 4.5 | 25 |
| 115 | Learning a blind quality evaluation engine of screen content images. <i>Neurocomputing</i> , 2016 , 196, 140-149. | 4.4 | 78 |
| 114 | On Predicting Visual Comfort of Stereoscopic Images: A Learning to Rank Based Approach. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 302-306 | 3.2 | 24 |
| 113 | Learning ECOC Code Matrix for Multiclass Classification with Application to Glaucoma Diagnosis. <i>Journal of Medical Systems</i> , 2016 , 40, 78 | 5.1 | 23 |
| 112 | Low-Complexity Depth Coding by Depth Sensitivity Aware Rate-Distortion Optimization. <i>IEEE Transactions on Broadcasting</i> , 2016 , 62, 94-102 | 4.7 | 8 |
| 111 | Analysis of Distortion Distribution for Pooling in Image Quality Prediction. <i>IEEE Transactions on Broadcasting</i> , 2016 , 62, 446-456 | 4.7 | 116 |
| 110 | No-Reference Quality Assessment for Multiply-Distorted Images in Gradient Domain. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 541-545 | 3.2 | 127 |
| 109 | Toward a Blind Deep Quality Evaluator for Stereoscopic Images Based on Monocular and Binocular Interactions. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 2059-74 | 8.7 | 59 |
| 108 | No-Reference Quality Assessment of Camera-Captured Distortion Images. <i>Lecture Notes in Computer Science</i> , 2016 , 590-599 | 0.9 | |
| 107 | Backward Registration-Based Aspect Ratio Similarity for Image Retargeting Quality Assessment. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4286-4297 | 8.7 | 47 |
| 106 | Perceptual evaluation of Compressive Sensing Image Recovery 2016 , | | 3 |
| 105 | Color-Enriched Gradient Similarity for Retouched Image Quality Evaluation. <i>IEICE Transactions on Information and Systems</i> , 2016 , E99.D, 773-776 | 0.6 | 3 |
| 104 | An Improved PSO Algorithm for Interval Multi-Objective Optimization Systems. <i>IEICE Transactions on Information and Systems</i> , 2016 , E99.D, 2381-2384 | 0.6 | 2 |
| 103 | Efficient Lagrange multiplier selection algorithm for depth maps coding. <i>Electronics Letters</i> , 2016 , 52, 1681-1683 | 1.1 | 3 |
| 102 | Quality assessment for image super-resolution based on energy change and texture variation 2016 , | | 4 |
| 101 | Detection and estimation of supra-threshold distortion levels of pictures based on just-noticeable difference 2016 , | | 1 |
| 100 | Quality assessment of 3D synthesized images via disoccluded region discovery 2016 , | | 10 |

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|----|---|-----|-----|
| 99 | Automated anterior segment OCT image analysis for Angle Closure Glaucoma mechanisms classification. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 130, 65-75 | 6.9 | 29 |
| 98 | . <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 1085-1097 | 6.6 | 83 |
| 97 | . <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 1098-1110 | 6.6 | 189 |
| 96 | Color image quality assessment based on sparse representation and reconstruction residual. <i>Journal of Visual Communication and Image Representation</i> , 2016 , 38, 550-560 | 2.7 | 16 |
| 95 | No-reference image quality assessment based on high order derivatives 2016 , | | 7 |
| 94 | Color space identification from single images 2016 , | | 2 |
| 93 | Perceptual quality evaluation for image defocus deblurring. <i>Signal Processing: Image Communication</i> , 2016 , 48, 81-91 | 2.8 | 19 |
| 92 | Enhanced just noticeable difference model with visual regularity consideration 2016 , | | 11 |
| 91 | Blurred Image Splicing Localization by Exposing Blur Type Inconsistency. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 999-1009 | 8 | 71 |
| 90 | No-reference image sharpness assessment in autoregressive parameter space. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 3218-31 | 8.7 | 193 |
| 89 | Visual Saliency Detection With Free Energy Theory. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1552-1555 | 3.2 | 65 |
| 88 | Blind Image Quality Assessment for Stereoscopic Images Using Binocular Guided Quality Lookup and Visual Codebook. <i>IEEE Transactions on Broadcasting</i> , 2015 , 61, 154-165 | 4.7 | 34 |
| 87 | GridSAR: Grid strength and regularity for robust evaluation of blocking artifacts in JPEG images. <i>Journal of Visual Communication and Image Representation</i> , 2015 , 30, 153-163 | 2.7 | 20 |
| 86 | Dense correspondence based prediction for image set compression 2015 , | | 4 |
| 85 | Cloud Based Image Contrast Enhancement 2015 , | | 2 |
| 84 | Visual Orientation Selectivity Based Structure Description. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4602-13 | 8.7 | 52 |
| 83 | A Patch-Structure Representation Method for Quality Assessment of Contrast Changed Images. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 2387-2390 | 3.2 | 164 |
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