Leida Li

List of Publications by Year
in descending order

302	11,238	34076	38368
papers	citations	52 h-index	95 g-index

302	302	302	4614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perceptual visual quality metrics: A survey. Journal of Visual Communication and Image Representation, 2011, 22, 297-312.	1.7	767
2	Image Quality Assessment Based on Gradient Similarity. IEEE Transactions on Image Processing, 2012, 21, 1500-1512.	6.0	537
3	A Patch-Structure Representation Method for Quality Assessment of Contrast Changed Images. IEEE Signal Processing Letters, 2015, 22, 2387-2390.	2.1	281
4	No-Reference Quality Metric of Contrast-Distorted Images Based on Information Maximization. IEEE Transactions on Cybernetics, 2017, 47, 4559-4565.	6.2	278
5	Review of Visual Saliency Detection With Comprehensive Information. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2941-2959.	5.6	275
6	No-Reference Image Sharpness Assessment in Autoregressive Parameter Space. IEEE Transactions on Image Processing, 2015, 24, 3218-3231.	6.0	271
7	Saliency-Guided Quality Assessment of Screen Content Images. IEEE Transactions on Multimedia, 2016, 18, 1098-1110.	5.2	243
8	A Psychovisual Quality Metric in Free-Energy Principle. IEEE Transactions on Image Processing, 2012, 21, 41-52.	6.0	230
9	No-Reference Image Blur Assessment Based on Discrete Orthogonal Moments. IEEE Transactions on Cybernetics, 2016, 46, 39-50.	6.2	224
10	Perceptual Quality Metric With Internal Generative Mechanism. IEEE Transactions on Image Processing, 2013, 22, 43-54.	6.0	216
11	No-Reference Quality Assessment of Screen Content Pictures. IEEE Transactions on Image Processing, 2017, 26, 4005-4018.	6.0	210
12	A Fast Reliable Image Quality Predictor by Fusing Micro- and Macro-Structures. IEEE Transactions on Industrial Electronics, 2017, 64, 3903-3912.	5.2	202
13	Unified Blind Quality Assessment of Compressed Natural, Graphic, and Screen Content Images. IEEE Transactions on Image Processing, 2017, 26, 5462-5474.	6.0	185
14	Perceptual Quality Assessment of Screen Content Images. IEEE Transactions on Image Processing, 2015, 24, 4408-4421.	6.0	184
15	MetaIQA: Deep Meta-Learning for No-Reference Image Quality Assessment. , 2020, , .		183
16	Just Noticeable Difference for Images With Decomposition Model for Separating Edge and Textured Regions. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1648-1652.	5.6	181
17	No-Reference Quality Assessment for Multiply-Distorted Images in Gradient Domain. IEEE Signal Processing Letters, 2016, 23, 541-545.	2.1	178
18	Reduced-Reference Image Quality Assessment With Visual Information Fidelity. IEEE Transactions on Multimedia, 2013, 15, 1700-1705.	5.2	145

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19	Blind Image Quality Assessment Using Statistical Structural and Luminance Features. IEEE Transactions on Multimedia, 2016, 18, 2457-2469.	5.2	138
20	Analysis of Distortion Distribution for Pooling in Image Quality Prediction. IEEE Transactions on Broadcasting, 2016, 62, 446-456.	2.5	136
21	An engineered CRISPR-Cas12a variant and DNA-RNA hybrid guides enable robust and rapid COVID-19 testing. Nature Communications, 2021, 12, 1739.	5.8	124
22	Model-Based Referenceless Quality Metric of 3D Synthesized Images Using Local Image Description. IEEE Transactions on Image Processing, 2018, 27, 394-405.	6.0	121
23	Image Retargeting Quality Assessment: A Study of Subjective Scores and Objective Metrics. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 626-639.	7.3	120
24	No-Reference and Robust Image Sharpness Evaluation Based on Multiscale Spatial and Spectral Features. IEEE Transactions on Multimedia, 2017, 19, 1030-1040.	5.2	115
25	End-to-End Blind Image Quality Prediction With Cascaded Deep Neural Network. IEEE Transactions on Image Processing, 2020, 29, 7414-7426.	6.0	113
26	Image Sharpness Assessment by Sparse Representation. IEEE Transactions on Multimedia, 2016, 18, 1085-1097.	5.2	111
27	Recurrent Air Quality Predictor Based on Meteorology- and Pollution-Related Factors. IEEE Transactions on Industrial Informatics, 2018, 14, 3946-3955.	7.2	110
28	Objective Quality Assessment for Image Retargeting Based on Structural Similarity. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2014, 4, 95-105.	2.7	105
29	Learning a blind quality evaluation engine of screen content images. Neurocomputing, 2016, 196, 140-149.	3.5	102
30	Blurred Image Splicing Localization by Exposing Blur Type Inconsistency. IEEE Transactions on Information Forensics and Security, 2015, 10, 999-1009.	4.5	100
31	No Reference Quality Assessment for Screen Content Images With Both Local and Global Feature Representation. IEEE Transactions on Image Processing, 2018, 27, 1600-1610.	6.0	94
32	Reduced-Reference Quality Assessment of Screen Content Images. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1-14.	5.6	94
33	Objective Quality Assessment for Image Retargeting Based on Perceptual Geometric Distortion and Information Loss. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 377-389.	7.3	86
34	Evaluating Quality of Screen Content Images Via Structural Variation Analysis. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2689-2701.	2.9	85
35	Quality Assessment of DIBR-Synthesized Images by Measuring Local Geometric Distortions and Global Sharpness. IEEE Transactions on Multimedia, 2018, 20, 914-926.	5.2	83
36	Referenceless Measure of Blocking Artifacts by Tchebichef Kernel Analysis. IEEE Signal Processing Letters, 2014, 21, 122-125.	2.1	82

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37	Orientation selectivity based visual pattern for reduced-reference image quality assessment. Information Sciences, 2016, 351, 18-29.	4.0	81
38	Which Has Better Visual Quality: The Clear Blue Sky or a Blurry Animal?. IEEE Transactions on Multimedia, 2019, 21, 1221-1234.	5.2	77
39	Visual Saliency Detection With Free Energy Theory. IEEE Signal Processing Letters, 2015, 22, 1552-1555.	2.1	74
40	No-reference quality assessment of deblocked images. Neurocomputing, 2016, 177, 572-584.	3.5	72
41	Personality-Assisted Multi-Task Learning for Generic and Personalized Image Aesthetics Assessment. IEEE Transactions on Image Processing, 2020, 29, 3898-3910.	6.0	72
42	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.	5.6	72
43	Subjective and Objective Quality Assessment of Compressed Screen Content Images. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2016, 6, 532-543.	2.7	71
44	No-Reference Quality Assessment of Contrast-Distorted Images Based on Natural Scene Statistics. IEEE Signal Processing Letters, 2014, , 1-1.	2.1	70
45	Toward a Blind Deep Quality Evaluator for Stereoscopic Images Based on Monocular and Binocular Interactions. IEEE Transactions on Image Processing, 2016, 25, 2059-2074.	6.0	70
46	Just Noticeable Difference Estimation for Screen Content Images. IEEE Transactions on Image Processing, 2016, 25, 1-1.	6.0	67
47	Three Dimensional Scalable Video Adaptation via User-End Perceptual Quality Assessment. IEEE Transactions on Broadcasting, 2008, 54, 719-727.	2.5	62
48	Visual Orientation Selectivity Based Structure Description. IEEE Transactions on Image Processing, 2015, 24, 4602-4613.	6.0	60
49	Backward Registration-Based Aspect Ratio Similarity for Image Retargeting Quality Assessment. IEEE Transactions on Image Processing, 2016, 25, 4286-4297.	6.0	58
50	Scene-Based Movie Summarization Via Role-Community Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1927-1940.	5.6	57
51	Explore and Model Better I-Frames for Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1242-1254.	5.6	56
52	Visual quality assessment: recent developments, coding applications and future trends. APSIPA Transactions on Signal and Information Processing, 2013, 2, .	2.6	54
53	BLIQUE-TMI: Blind Quality Evaluator for Tone-Mapped Images Based on Local and Global Feature Analyses. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 323-335.	5.6	52
54	Multiscale Natural Scene Statistical Analysis for No-Reference Quality Evaluation of DIBR-Synthesized Views. IEEE Transactions on Broadcasting, 2020, 66, 127-139.	2.5	52

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55	Detecting image seam carving with low scaling ratio using multi-scale spatial and spectral entropies. Journal of Visual Communication and Image Representation, 2017, 48, 281-291.	1.7	51
56	Blind Quality Metric of DIBR-Synthesized Images in the Discrete Wavelet Transform Domain. IEEE Transactions on Image Processing, 2020, 29, 1802-1814.	6.0	51
57	Blind Image Quality Assessment With Active Inference. IEEE Transactions on Image Processing, 2021, 30, 3650-3663.	6.0	50
58	Detecting seam carving based image resizing using local binary patterns. Computers and Security, 2015, 55, 130-141.	4.0	48
59	No-Reference Quality Assessment for View Synthesis Using DoG-Based Edge Statistics and Texture Naturalness. IEEE Transactions on Image Processing, 2019, 28, 4566-4579.	6.0	48
60	RIRNet. , 2020, , .		48
61	Image Quality Assessment with Degradation on Spatial Structure. IEEE Signal Processing Letters, 2014, 21, 437-440.	2.1	47
62	Geometric Optimum Experimental Design for Collaborative Image Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 346-359.	5.6	47
63	A robust forgery detection algorithm for object removal by exemplar-based image inpainting. Multimedia Tools and Applications, 2018, 77, 11823-11842.	2.6	43
64	Context-aware Deep Learning for Multi-modal Depression Detection. , 2019, , .		42
65	Learning Structural Regularity for Evaluating Blocking Artifacts in JPEG Images. IEEE Signal Processing Letters, 2014, 21, 918-922.	2.1	41
66	A Prediction Backed Model for Quality Assessment of Screen Content and 3-D Synthesized Images. IEEE Transactions on Industrial Informatics, 2018, 14, 652-660.	7.2	41
67	A Highly Efficient Blind Image Quality Assessment Metric of 3-D Synthesized Images Using Outlier Detection. IEEE Transactions on Industrial Informatics, 2019, 15, 4120-4128.	7.2	41
68	Blind Image Quality Assessment for Stereoscopic Images Using Binocular Guided Quality Lookup and Visual Codebook. IEEE Transactions on Broadcasting, 2015, 61, 154-165.	2.5	40
69	Quality Assessment for Video With Degradation Along Salient Trajectories. IEEE Transactions on Multimedia, 2019, 21, 2738-2749.	5.2	40
70	Bayesian Error Concealment With DCT Pyramid for Images. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1224-1232.	5.6	39
71	No-Reference Quality Assessment of Deblurred Images Based on Natural Scene Statistics. IEEE Access, 2017, 5, 2163-2171.	2.6	39
72	A shallow convolutional neural network for blind image sharpness assessment. PLoS ONE, 2017, 12, e0176632.	1.1	39

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73	Screen image quality assessment incorporating structural degradation measurement. , 2015, , .		38
74	Learning ECOC Code Matrix for Multiclass Classification with Application to Glaucoma Diagnosis. Journal of Medical Systems, 2016, 40, 78.	2.2	37
75	A multi-metric fusion approach to visual quality assessment. , 2011, , .		36
76	B-SHOT: A binary feature descriptor for fast and efficient keypoint matching on 3D point clouds. , 2015, , .		36
77	Blind image quality assessment with improved natural scene statistics model. , 2016, 57, 56-65.		36
78	Sparse Representation Based Image Quality Index with Adaptive Sub-Dictionaries. IEEE Transactions on Image Processing, 2016, 25, 1-1.	6.0	36
79	Automated anterior segment OCT image analysis for Angle Closure Glaucoma mechanisms classification. Computer Methods and Programs in Biomedicine, 2016, 130, 65-75.	2.6	35
80	Perceptual Quality Assessment for Screen Content Images by Spatial Continuity. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4050-4063.	5.6	35
81	Can Signal-to-Noise Ratio Perform as a Baseline Indicator for Medical Image Quality Assessment. IEEE Access, 2018, 6, 11534-11543.	2.6	33
82	Multipleâ€parameter fractional quaternion Fourier transform and its application in colour image encryption. IET Image Processing, 2018, 12, 2238-2249.	1.4	33
83	Accurate and Lightweight Image Super-Resolution With Model-Guided Deep Unfolding Network. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 240-252.	7.3	33
84	Illumination Unification for Person Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6766-6777.	5.6	33
85	On Predicting Visual Comfort of Stereoscopic Images: A Learning to Rank Based Approach. IEEE Signal Processing Letters, 2016, 23, 302-306.	2.1	32
86	Video coding using the most common frame in scene. , 2010, , .		31
87	Image quality assessment based on multi-scale representation of structure. , 2014, 33, 125-133.		31
88	Models of Monocular and Binocular Visual Perception in Quality Assessment of Stereoscopic Images. IEEE Transactions on Computational Imaging, 2016, 2, 123-135.	2.6	31
89	Blind Image Blur Identification in Cepstrum Domain. , 2007, , .		30
90	Fractional quaternion cosine transform and its application in color image copy-move forgery detection. Multimedia Tools and Applications, 2019, 78, 8057-8073.	2.6	30

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91	Deep Hyperspectral Image Fusion Network With Iterative Spatio-Spectral Regularization. IEEE Transactions on Computational Imaging, 2022, 8, 201-214.	2.6	30
92	Pairwise-Comparison-Based Rank Learning for Benchmarking Image Restoration Algorithms. IEEE Transactions on Multimedia, 2019, 21, 2042-2056.	5.2	29
93	Personalized Image Aesthetics Assessment via Meta-Learning With Bilevel Gradient Optimization. IEEE Transactions on Cybernetics, 2022, 52, 1798-1811.	6.2	29
94	Omnidirectional Image Quality Assessment by Distortion Discrimination Assisted Multi-Stream Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1767-1777.	5.6	29
95	Blind Quality Index for Multiply Distorted Images Using Biorder Structure Degradation and Nonlocal Statistics. IEEE Transactions on Multimedia, 2018, 20, 3019-3032.	5.2	28
96	Statistical and Structural Information Backed Full-Reference Quality Measure of Compressed Sonar Images. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 334-348.	5.6	28
97	Robust image compression based on compressive sensing. , 2010, , .		27
98	B-SHOT: a binary 3D feature descriptor for fast Keypoint matching on 3D point clouds. Autonomous Robots, 2017, 41, 1501-1520.	3.2	27
99	Depth Map Coding for View Synthesis Based on Distortion Analyses. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2014, 4, 106-117.	2.7	26
100	Multimodal medical image fusion based on discrete <scp>T</scp>chebichef moments and pulse coupled neural network. International Journal of Imaging Systems and Technology, 2017, 27, 57-65.	2.7	26
101	A visual attention model combining top-down and bottom-up mechanisms for salient object detection. , 2011, , .		25
102	Subjective quality assessment of Screen Content Images. , 2014, , .		25
103	3DHoPD: A Fast Low-Dimensional 3-D Descriptor. IEEE Robotics and Automation Letters, 2017, 2, 1472-1479.	3.3	25
104	No-Reference View Synthesis Quality Prediction for 3-D Videos Based on Colorâ€“Depth Interactions. IEEE Transactions on Multimedia, 2018, 20, 659-674.	5.2	24
105	Blind quality index for tone-mapped images based on luminance partition. Pattern Recognition, 2019, 89, 108-118.	5.1	24
106	Generalizable No-Reference Image Quality Assessment via Deep Meta-Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1048-1060.	5.6	24
107	Voxel Structure-Based Mesh Reconstruction From a 3D Point Cloud. IEEE Transactions on Multimedia, 2022, 24, 1815-1829.	5.2	23
108	Emotional facial expression transfer based on temporal restricted Boltzmann machines. , 2014, , .		22

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109	GridSAR: Grid strength and regularity for robust evaluation of blocking artifacts in JPEG images. Journal of Visual Communication and Image Representation, 2015, 30, 153-163.	1.7	22
110	Detection of image seam carving by using weber local descriptor and local binary patterns. Journal of Information Security and Applications, 2017, 36, 135-144.	1.8	22
111	Toward Domain Transfer for No-Reference Quality Prediction of Asymmetrically Distorted Stereoscopic Images. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 573-585.	5.6	22
112	Blind image quality assessment with hierarchy: Degradation from local structure to deep semantics. Journal of Visual Communication and Image Representation, 2019, 58, 353-362.	1.7	22
113	Video saliency incorporating spatiotemporal cues and uncertainty weighting. , 2013, , .		21
114	Perceptual quality evaluation for image defocus deblurring. Signal Processing: Image Communication, 2016, 48, 81-91.	1.8	21
115	Detecting video frame rate up-conversion based on frame-level analysis of average texture variation. Multimedia Tools and Applications, 2017, 76, 8399-8421.	2.6	21
116	Performance Evaluation of Visual Tracking Algorithms on Video Sequences With Quality Degradation. IEEE Access, 2017, 5, 2430-2441.	2.6	21
117	A consistency evaluation of signal-to-noise ratio in the quality assessment of human brain magnetic resonance images. BMC Medical Imaging, 2018, 18, 17.	1.4	21
118	Contrastive Self-Supervised Pre-Training for Video Quality Assessment. IEEE Transactions on Image Processing, 2022, 31, 458-471.	6.0	21
119	Learning a Unified Blind Image Quality Metric via On-Line and Off-Line Big Training Instances. IEEE Transactions on Big Data, 2020, 6, 780-791.	4.4	20
120	Spatiotemporal Representation Learning for Blind Video Quality Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3500-3513.	5.6	19
121	A Circular-Structured Representation for Visual Emotion Distribution Learning. , 2021, , .		19
122	Perceptual screen content image quality assessment and compression. , 2015, , .		18
123	An efficient and effective blind camera image quality metric via modeling quaternion wavelet coefficients. Journal of Visual Communication and Image Representation, 2017, 49, 204-212.	1.7	18
124	Robust Localization of Interpolated Frames by Motion-Compensated Frame Interpolation Based on an Artifact Indicated Map and Tchebichef Moments. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1893-1906.	5.6	18
125	Blind Quality Assessment for Tone-Mapped Images by Analysis of Gradient and Chromatic Statistics. IEEE Transactions on Multimedia, 2021, 23, 955-966.	5.2	18
126	Adaptive downsampling/upsampling for better video compression at low bit rate. , 2008, , .		17

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127	Color image quality assessment based on sparse representation and reconstruction residual. Journal of Visual Communication and Image Representation, 2016, 38, 550-560.	1.7	17
128	Enhanced just noticeable difference model with visual regularity consideration. , 2016, , .		17
129	Quality Index for View Synthesis by Measuring Instance Degradation and Global Appearance. IEEE Transactions on Multimedia, 2021, 23, 320-332.	5.2	17
130	Predicting the Quality of View Synthesis With Color-Depth Image Fusion. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2509-2521.	5.6	17
131	Incremental Few-Shot Learning for Pedestrian Attribute Recognition. , 2019, , .		17
132	SOLVER: Scene-Object Interrelated Visual Emotion Reasoning Network. IEEE Transactions on Image Processing, 2021, 30, 8686-8701.	6.0	17
133	Object-level Attention for Aesthetic Rating Distribution Prediction. , 2020, , .		17
134	Learning Personalized Image Aesthetics From Subjective and Objective Attributes. IEEE Transactions on Multimedia, 2023, 25, 179-190.	5.2	17
135	LGPS: Phase Based Image Quality Assessment Metric. Signal Processing Systems Design and Implementation (siPS), IEEE Workshop on, 2007, , .	0.0	16
136	Scalable image quality assessment based on structural vectors. , 2009, , .		16
137	Visual-Attention-Based Pixel Dimming Technique for OLED Displays of Mobile Devices. IEEE Transactions on Industrial Electronics, 2019, 66, 7159-7167.	5.2	16
138	Subjective and objective quality assessment for image restoration: A critical survey. Signal Processing: Image Communication, 2020, 85, 115839.	1.8	16
139	Study of subjective and objective quality assessment of retargeted images. , 2012, , .		15
140	An inter-image redundancy measure for image set compression. , 2015, , .		15
141	Training-free referenceless camera image blur assessment via hypercomplex singular value decomposition. Multimedia Tools and Applications, 2018, 77, 5637-5658.	2.6	15
142	Survey of visual just noticeable difference estimation. Frontiers of Computer Science, 2019, 13, 4-15.	1.6	15
143	Blind Image Quality Index for Authentic Distortions With Local and Global Deep Feature Aggregation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8512-8523.	5.6	15
144	Collaborative Intelligence: Challenges and Opportunities. , 2021, , .		15

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145	Unequal Clustering Scheme Based LEACH for Wireless Sensor Networks. , 2010, , .		14
146	Blind quality index for camera images with natural scene statistics and patch-based sharpness assessment. Journal of Visual Communication and Image Representation, 2016, 40, 335-344.	1.7	14
147	Perceptual evaluation of single-image super-resolution reconstruction. , 2017, , .		14
148	Facial action recognition using very deep networks for highly imbalanced class distribution. , 2017, , .		14
149	DECA: Recovering fields of physical quantities from incomplete sensory data. , 2012, , .		13
150	An Overview of Perceptual Processing for Digital Pictures. , 2012, , .		13
151	Probabilistic Undirected Graph Based Denoising Method for Dynamic Vision Sensor. IEEE Transactions on Multimedia, 2021, 23, 1148-1159.	5.2	13
152	Temporal Reasoning Guided QoE Evaluation for Mobile Live Video Broadcasting. IEEE Transactions on Image Processing, 2021, 30, 3279-3292.	6.0	13
153	Image error-concealment via Block-based Bilateral Filtering. , 2008, , .		12
154	Stereoscopic image retargeting based on 3D saliency detection. , 2014, , .		12
155	Quality assessment of 3D synthesized images via disoccluded region discovery. , 2016, , .		12
156	No-reference quality assessment of DIBR-synthesized videos by measuring temporal flickering. Journal of Visual Communication and Image Representation, 2018, 55, 30-39.	1.7	12
157	Personality Driven Multi-task Learning for Image Aesthetic Assessment. , 2019, , .		12
158	Inferring Personality Traits from Attentive Regions of User Liked Images Via Weakly Supervised Dual Convolutional Network. Neural Processing Letters, 2020, 51, 2105-2121.	2.0	12
159	Learning based screen image compression. , 2012, , .		11
160	No-reference image quality assessment based on high order derivatives. , 2016, , .		11
161	Aspect Ratio Similarity (ARS) for image retargeting quality assessment. , 2016, , .		11
162	Complex wavelet based quality assessment for AS-OCT images with application to Angle Closure Glaucoma diagnosis. Computer Methods and Programs in Biomedicine, 2016, 130, 13-21.	2.6	11

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163	Low-Complexity Depth Coding by Depth Sensitivity Aware Rate-Distortion Optimization. IEEE Transactions on Broadcasting, 2016, 62, 94-102.	2.5	11
164	Attended Visual Content Degradation Based Reduced Reference Image Quality Assessment. IEEE Access, 2018, 6, 12493-12504.	2.6	11
165	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.	5.6	11
166	SPIQ: A Self-Supervised Pre-Trained Model for Image Quality Assessment. IEEE Signal Processing Letters, 2022, 29, 513-517.	2.1	10
167	Perceptually Unimportant Information Reduction and Cosine Similarity-Based Quality Assessment of 3D-Synthesized Images. IEEE Transactions on Image Processing, 2022, 31, 2027-2039.	6.0	10
168	Blind Image Quality Assessment for Authentic Distortions by Intermediary Enhancement and Iterative Training. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7592-7604.	5.6	10
169	An evaluation on circularly orthogonal moments for image representation. , 2011, , .		9
170	Saliency detection for stereoscopic images. , 2013, , .		9
171	Contentâ€based image quality assessment using semantic information and luminance differences. Electronics Letters, 2014, 50, 1435-1436.	0.5	9
172	No-reference quality index of depth images based on statistics of edge profiles for view synthesis. Information Sciences, 2020, 516, 205-219.	4.0	9
173	Quality Evaluation for Image Retargeting With Instance Semantics. IEEE Transactions on Multimedia, 2021, 23, 2757-2769.	5.2	9
174	Just Noticeable Difference for Deep Machine Vision. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3452-3461.	5.6	9
175	Unsupervised Curriculum Domain Adaptation for No-Reference Video Quality Assessment. , 2021, , .		9
176	Interaction-Matrix Based Personalized Image Aesthetics Assessment. IEEE Transactions on Multimedia, 2023, 25, 5263-5278.	5.2	9
177	Reduced-reference image quality assessment with local binary structural pattern. , 2014, , .		8
178	A general histogram modification framework for efficient contrast enhancement. , 2015, , .		8
179	Personalizing User Interfaces for improving quality of experience in VoD recommender systems. , 2016, , .		8
180	No-reference quality assessment of enhanced images. China Communications, 2016, 13, 121-130.	2.0	8

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181	Using multiscale analysis for blind quality assessment of DIBR-synthesized images. , 2017, , .		8
182	Pyramidal modeling of geometric distortions for retargeted image quality evaluation. Multimedia Tools and Applications, 2018, 77, 13799-13820.	2.6	8
183	Perceptual quality evaluation for motion deblurring. IET Computer Vision, 2018, 12, 796-805.	1.3	8
184	Towards a blind image quality evaluator using multi-scale second-order statistics. Signal Processing: Image Communication, 2019, 71, 88-99.	1.8	8
185	Content-Insensitive Blind Image Blurriness Assessment Using Weibull Statistics and Sparse Extreme Learning Machine. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 516-527.	5.9	8
186	Salient Object Detection by Spatiotemporal and Semantic Features in Real-Time Video Processing Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 9893-9903.	5.2	8
187	CUID: A New Study Of Perceived Image Quality And Its Subjective Assessment. , 2020, , .		8
188	StereoARS: Quality Evaluation for Stereoscopic Image Retargeting With Binocular Inconsistency Detection. IEEE Transactions on Broadcasting, 2022, 68, 43-57.	2.5	8
189	Fine-Grained Image Quality Assessment: A Revisit and Further Thinking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2746-2759.	5.6	8
190	CNN-GRNN for Image Sharpness Assessment. Lecture Notes in Computer Science, 2017, , 50-61.	1.0	8
191	Perceptual quality assessment for multimodal medical image fusion. Signal Processing: Image Communication, 2020, 85, 115852.	1.8	8
192	Deep Learning-Based Perceptual Video Quality Enhancement for 3D Synthesized View. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5080-5094.	5.6	8
193	High Capacity Watermark Embedding Based on Invariant Regions of Visual Saliency. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2011, E94-A, 889-893.	0.2	7
194	McFIS in hierarchical bipredictve pictures-based video coding for referencing the stable area in a scene. , 2011, , .		7
195	Gaussian Noise Level Estimation in SVD Domain for Images. , 2012, , .		7
196	A novel SVD-based image quality assessment metric. , 2013, , .		7
197	Fast and efficient blind image quality index in spatial domain. Electronics Letters, 2013, 49, 1137-1138.	0.5	7
198	DIBR-Synthesized Image Quality Assessment via Statistics of Edge Intensity and Orientation. IEICE Transactions on Information and Systems, 2017, E100.D, 1929-1933.	0.4	7

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199	Reduced-reference quality assessment of DIBR-synthesized images based on multi-scale edge intensity similarity. Multimedia Tools and Applications, 2018, 77, 21033-21052.	2.6	7
200	Quality assessment for view synthesis using low-level and mid-level structural representation. Signal Processing: Image Communication, 2019, 74, 309-321.	1.8	7
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