Massive Online Crowdsourced Study of Subjective and

Citation Report

#	ARTICLE	IF	CITATIONS
1	Blind Image Quality Assessment Based on High Order Statistics Aggregation. IEEE Transactions on Image Processing, 2016, 25, 4444-4457.	9.8	331
2	Online subjective testing for consumer-photo quality evaluation. Journal of Electronic Imaging, 2016, 25, 043009.	0.9	5
3	Group MAD Competition? A New Methodology to Compare Objective Image Quality Models. , 2016, , .		56
4	Consumer-photo quality assessment: Challenges and pitfalls in crowdsourcing. , 2016, , .		0
5	Image based performance analysis of thermal imagers. Proceedings of SPIE, 2016, , .	0.8	3
6	Quality assessment of image patches distorted by image compression using crowdsourcing. , 2016, , .		3
7	Blind Image Quality Assessment Using Statistical Structural and Luminance Features. IEEE Transactions on Multimedia, 2016, 18, 2457-2469.	7.2	138
8	Subtle consumer-photo quality evaluation. , 2016, , .		0
9	No-reference quality assessment of enhanced images. China Communications, 2016, 13, 121-130.	3.2	8
10	Visual Importance and Distortion Guided Deep Image Quality Assessment Framework. IEEE Transactions on Multimedia, 2017, 19, 2505-2520.	7.2	47
11	Blind Image Quality Assessment Based on Rank-Order Regularized Regression. IEEE Transactions on Multimedia, 2017, 19, 2490-2504.	7.2	44
12	Waterloo Exploration Database: New Challenges for Image Quality Assessment Models. IEEE Transactions on Image Processing, 2017, 26, 1004-1016.	9.8	411
13	No-Reference Quality Assessment of Tone-Mapped HDR Pictures. IEEE Transactions on Image Processing, 2017, 26, 2957-2971.	9.8	132
14	Learning picture quality from visual distraction: Psychophysical studies and computational models. Neurocomputing, 2017, 247, 183-191.	5.9	11
15	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.	2.8	18
16	Humans are easily fooled by digital images. Computers and Graphics, 2017, 68, 142-151.	2.5	34
17	Large-Scale Crowdsourced Study for Tone-Mapped HDR Pictures. IEEE Transactions on Image Processing, 2017, 26, 4725-4740.	9.8	54
18	Effective coverage as a new metric for image quality assessment databases comparison. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	The Konstanz natural video database (KoNViD-1k). , 2017, , .		167
20	Deep Convolutional Neural Models for Picture-Quality Prediction: Challenges and Solutions to Data-Driven Image Quality Assessment. IEEE Signal Processing Magazine, 2017, 34, 130-141.	5.6	226
21	Blind image quality assessment in the complex frequency domain. , 2017, , .		1
22	No-reference image quality assessment through transfer learning. , 2017, , .		3
23	Evaluation of Blur and Gaussian Noise Degradation in Images Using Statistical Model of Natural Scene and Perceptual Image Quality Measure. Radioengineering, 2017, 26, 930-937.	0.6	2
24	Perceptual quality prediction on authentically distorted images using a bag of features approach. Journal of Vision, 2017, 17, 32.	0.3	212
25	Mining Community-Level Influence in Microblogging Network: A Case Study on Sina Weibo. Complexity, 2017, 2017, 1-16.	1.6	4
26	Exploiting High-Level Semantics for No-Reference Image Quality Assessment of Realistic Blur Images. , 2017, , .		22
27	Analysis of Structural Characteristics for Quality Assessment of Multiply Distorted Images. IEEE Transactions on Multimedia, 2018, 20, 2722-2732.	7.2	31
28	Blind image quality prediction by exploiting multi-level deep representations. Pattern Recognition, 2018, 81, 432-442.	8.1	95
29	No-Reference Image Quality Assessment by Wide-Perceptual-Domain Scorer Ensemble Method. IEEE Transactions on Image Processing, 2018, 27, 1138-1151.	9.8	64
30	Blind Image Quality Assessment via Vector Regression and Object Oriented Pooling. IEEE Transactions on Multimedia, 2018, 20, 1140-1153.	7.2	31
31	End-to-End Blind Image Quality Assessment Using Deep Neural Networks. IEEE Transactions on Image Processing, 2018, 27, 1202-1213.	9.8	369
32	Learning a referenceless stereopair quality engine with deep nonnegativity constrained sparse autoencoder. Pattern Recognition, 2018, 76, 242-255.	8.1	27
33	NIMA: Neural Image Assessment. IEEE Transactions on Image Processing, 2018, 27, 3998-4011.	9.8	551
34	In-Capture Mobile Video Distortions: A Study of Subjective Behavior and Objective Algorithms. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2061-2077.	8.3	84
35	Model-Based Referenceless Quality Metric of 3D Synthesized Images Using Local Image Description. IEEE Transactions on Image Processing, 2018, 27, 394-405.	9.8	121
36	Semantic-aware blind image quality assessment. Signal Processing: Image Communication, 2018, 60, 237-252.	3.2	16

#	Article	IF	Citations
37	On the use of deep learning for blind image quality assessment. Signal, Image and Video Processing, 2018, 12, 355-362.	2.7	212
38	Perceptual quality evaluation of synthetic pictures distorted by compression and transmission. Signal Processing: Image Communication, 2018, 61, 54-72.	3.2	11
39	Deep Neural Networks for No-Reference and Full-Reference Image Quality Assessment. IEEE Transactions on Image Processing, 2018, 27, 206-219.	9.8	728
40	No-Reference Image Quality Assessment and Application Based on Spatial Domain Coding. IEEE Access, 2018, 6, 60456-60466.	4.2	8
41	No-Reference Image Quality Assessment using Transfer Learning. , 2018, , .		10
42	Quality Assessment of Thumbnail and Billboard Images on Mobile Devices. , 2018, , .		1
43	deimeq - A Deep Neural Network Based Hybrid No-reference Image Quality Model. , 2018, , .		7
44	Second Order Natural Scene Statistics Model of Blind Image Quality Assessment. , 2018, , .		5
45	Large Scale Subjective Video Quality Study. , 2018, , .		9
46	Blind Image Quality Assessment with a Probabilistic Quality Representation. , 2018, , .		41
47	Deeprn: A Content Preserving Deep Architecture for Blind Image Quality Assessment. , 2018, , .		39
48	Multivariate Statistical Approach to Image Quality Tasks. Journal of Imaging, 2018, 4, 117.	3.0	4
49	Multiple Level Feature-Based Universal Blind Image Quality Assessment Model. , 2018, , .		23
50	A High-Definition Diversity-Scene Database for Image Quality Assessment. IEEE Access, 2018, 6, 45427-45438.	4.2	33
51	Multivariate Statistics for Blind Image Quality Applications. , 2018, , .		0
52	Generalized Gaussian scale mixtures: A model for wavelet coefficients of natural images. Signal Processing: Image Communication, 2018, 66, 87-94.	3.2	13
53	Optimized Filtering With Binary Descriptor for Blind Image Quality Assessment. IEEE Access, 2018, 6, 42917-42929.	4.2	6
54	Modeling the Perceptual Quality of Immersive Images Rendered on Head Mounted Displays: Resolution and Compression. IEEE Transactions on Image Processing, 2018, 27, 6039-6050.	9.8	42

#	ARTICLE	IF	CITATIONS
55	No-reference image quality assessment with local features and high-order derivatives. Journal of Visual Communication and Image Representation, 2018, 56, 15-26.	2.8	14
56	Deep Blur Mapping: Exploiting High-Level Semantics by Deep Neural Networks. IEEE Transactions on Image Processing, 2018, 27, 5155-5166.	9.8	35
57	Deep CNN-Based Blind Image Quality Predictor. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 11-24.	11.3	192
58	Blind Quality Assessment of Multiply Distorted Images Using Deep Neural Networks. Lecture Notes in Computer Science, 2019, , 89-101.	1.3	4
59	End-to-End Blind Image Quality Assessment with Cascaded Deep Features. , 2019, , .		1
60	KADID-10k: A Large-scale Artificially Distorted IQA Database. , 2019, , .		169
61	Crowdsourced subjective 3D video quality assessment. Multimedia Systems, 2019, 25, 673-694.	4.7	2
62	Predicting the Quality of Images Compressed After Distortion in Two Steps. IEEE Transactions on Image Processing, 2019, 28, 5757-5770.	9.8	35
63	No-reference image quality assessment with visual pattern degradation. Information Sciences, 2019, 504, 487-500.	6.9	17
64	Modern trends on quality of experience assessment and future work. APSIPA Transactions on Signal and Information Processing, 2019, 8, .	3.3	5
65	A Comprehensive Performance Evaluation of Image Quality Assessment Algorithms. IEEE Access, 2019, 7, 140030-140070.	4.2	75
66	A Novel Blind Image Quality Assessment Method Based on Refined Natural Scene Statistics. , 2019, , .		26
67	SGDNet. , 2019, , .		83
68	A Comparative Study of DNN-Based Models for Blind Image Quality Prediction. , 2019, , .		4
69	A low complexity wavelet-based blind image quality evaluator. Signal Processing: Image Communication, 2019, 74, 280-288.	3.2	9
70	No-Reference Image Quality Assessment with Local Gradient Orientations. Symmetry, 2019, 11, 95.	2.2	6
71	Distortion-specific feature selection algorithm for universal blind image quality assessment. Eurasip Journal on Image and Video Processing, 2019, 2019, .	2.6	9
72	How Video Object Tracking Is Affected by In-capture Distortions?. , 2019, , .		4

#	Article	IF	Citations
73	An Universal Image Attractiveness Ranking Framework. , 2019, , .		9
74	Linking visual saliency deviation to image quality degradation: A saliency deviation-based image quality index. Signal Processing: Image Communication, 2019, 75, 168-177.	3.2	5
75	Naturalness-Aware Deep No-Reference Image Quality Assessment. IEEE Transactions on Multimedia, 2019, 21, 2603-2615.	7.2	78
76	Blind image quality assessment via learnable attention-based pooling. Pattern Recognition, 2019, 91, 332-344.	8.1	35
77	In Praise of Artifice Reloaded: Caution With Natural Image Databases in Modeling Vision. Frontiers in Neuroscience, 2019, 13, 8.	2.8	9
78	Optimizing the Parameters for Post-Processing Consumer Photos via Machine Learning. , 2019, , .		0
79	Blind Image Quality Assessment of Natural Distorted Image Based on Generative Adversarial Networks. IEEE Access, 2019, 7, 179290-179303.	4.2	10
80	Design of Naturally Distorted Image Database-NDID. , 2019, , .		0
81	Evaluation of Intra-Coding Based Image Compression. , 2019, , .		4
82	CNN-Based Cross-Dataset No-Reference Image Quality Assessment. , 2019, , .		11
83	In-the-wild No-Reference Image Quality Assessment using Deep Convolutional Neural Networks. , 2019, , .		1
84	Authentically Distorted Image Quality Assessment by Learning From Empirical Score Distributions. IEEE Signal Processing Letters, 2019, 26, 1867-1871.	3.6	8
85	A Survey of DNN Methods for Blind Image Quality Assessment. IEEE Access, 2019, 7, 123788-123806.	4.2	48
86	A Visual Residual Perception Optimized Network for Blind Image Quality Assessment. IEEE Access, 2019, 7, 176087-176098.	4.2	14
87	Large-Scale Study of Perceptual Video Quality. IEEE Transactions on Image Processing, 2019, 28, 612-627.	9.8	154
88	Feature comparison and analysis for new challenging research fields of image quality assessment. , 2019, 91, 3-10.		4
89	Towards a blind image quality evaluator using multi-scale second-order statistics. Signal Processing: Image Communication, 2019, 71, 88-99.	3.2	8
90	Blind image quality assessment with semantic information. Journal of Visual Communication and Image Representation, 2019, 58, 195-204.	2.8	17

#	Article	IF	Citations
91	Generating Image Distortion Maps Using Convolutional Autoencoders With Application to No Reference Image Quality Assessment. IEEE Signal Processing Letters, 2019, 26, 89-93.	3.6	33
92	An effective general-purpose NR-IQA model using natural scene statistics (NSS) of the luminance relative order. Signal Processing: Image Communication, 2019, 71, 100-109.	3.2	4
93	Blind image quality assessment based on joint log-contrast statistics. Neurocomputing, 2019, 331, 189-198.	5.9	18
94	Local Feature Descriptor and Derivative Filters for Blind Image Quality Assessment. IEEE Signal Processing Letters, 2019, 26, 322-326.	3.6	21
95	Blind image quality assessment with hierarchy: Degradation from local structure to deep semantics. Journal of Visual Communication and Image Representation, 2019, 58, 353-362.	2.8	22
96	Fine-Grained Quality Assessment for Compressed Images. IEEE Transactions on Image Processing, 2019, 28, 1163-1175.	9.8	33
97	Which Has Better Visual Quality: The Clear Blue Sky or a Blurry Animal?. IEEE Transactions on Multimedia, 2019, 21, 1221-1234.	7.2	77
98	No-reference image quality assessment based on sparse representation. Neural Computing and Applications, 2019, 31, 6643-6658.	5.6	7
99	Blind Image Quality Assessment Using a Deep Bilinear Convolutional Neural Network. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 36-47.	8.3	360
100	From Pairwise Comparisons and Rating to a Unified Quality Scale. IEEE Transactions on Image Processing, 2020, 29, 1139-1151.	9.8	25
101	Study of 3D Virtual Reality Picture Quality. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 89-102.	10.8	32
102	Learning No-Reference Quality Assessment of Multiply and Singly Distorted Images With Big Data. IEEE Transactions on Image Processing, 2020, 29, 2676-2691.	9.8	6
103	Blind Night-Time Image Quality Assessment: Subjective and Objective Approaches. IEEE Transactions on Multimedia, 2020, 22, 1259-1272.	7.2	22
104	No-reference image quality assessment based on neighborhood co-occurrence matrix. Signal Processing: Image Communication, 2020, 81, 115680.	3.2	8
105	Rank-Smoothed Pairwise Learning In Perceptual Quality Assessment. , 2020, , .		5
106	Blind Natural Image Quality Prediction Using Convolutional Neural Networks And Weighted Spatial Pooling. , 2020, , .		6
107	Learning To Blindly Assess Image Quality In The Laboratory And Wild. , 2020, , .		31
108	Interobserver variability in quality assessment of magnetic resonance images. BMC Medical Imaging, 2020, 20, 109.	2.7	11

#	Article	IF	Citations
109	Natural scene statistics model independent no-reference image quality assessment using patch based discrete cosine transform. Multimedia Tools and Applications, 2020, 79, 26285-26304.	3.9	14
110	Towards Automatic Image Exposure Level Assessment. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.1	1
111	Assessing Image Quality Issues for Real-World Problems. , 2020, , .		30
112	From Patches to Pictures (PaQ-2-PiQ): Mapping the Perceptual Space of Picture Quality. , 2020, , .		116
113	Blindly Assess Image Quality in the Wild Guided by a Self-Adaptive Hyper Network. , 2020, , .		243
114	Perceptual Quality Assessment of Smartphone Photography. , 2020, , .		117
115	Dual Head Network for No-Reference Quality Assessment Towards Realistic Night-Time Images. IEEE Access, 2020, 8, 158585-158599.	4.2	3
116	No-Reference Quality Assessment of In-Capture Distorted Videos. Journal of Imaging, 2020, 6, 74.	3.0	13
117	MetaIQA: Deep Meta-Learning for No-Reference Image Quality Assessment. , 2020, , .		183
118	TTL-IQA: Transitive Transfer Learning Based No-Reference Image Quality Assessment. IEEE Transactions on Multimedia, 2021, 23, 4326-4340.	7.2	19
119	A local structural information representation method for image quality assessment. Multimedia Tools and Applications, 2020, 79, 22797-22823.	3.9	2
120	Noâ€reference image quality assessment via structural information fluctuation. IET Image Processing, 2020, 14, 384-396.	2.5	11
121	Active Inference of GAN for No-Reference Image Quality Assessment. , 2020, , .		7
122	Weeping and Gnashing of Teeth: Teaching Deep Learning in Image and Video Processing Classes. , 2020, , .		3
123	PM2.5 concentration estimation using convolutional neural network and gradient boosting machine. Journal of Environmental Sciences, 2020, 98, 85-93.	6.1	38
124	A hybrid OFDMâ€"CDMA-based robust image watermarking technique. International Journal of Wavelets, Multiresolution and Information Processing, 2020, 18, 2050043.	1.3	0
125	Blind image quality assessment using a combination of statistical features and CNN. Multimedia Tools and Applications, 2020, 79, 23243-23260.	3.9	4
126	Exploring the Gradient for Video Quality Assessment. , 2020, , .		1

#	Article	IF	Citations
127	Quality Assessment on Authentically Distorted Images by Expanding Proxy Labels. Electronics (Switzerland), 2020, 9, 252.	3.1	3
128	Entropy Based Data Expansion Method for Blind Image Quality Assessment. Entropy, 2020, 22, 60.	2.2	7
129	Study of Subjective Data Integrity for Image Quality Data Sets with Consumer Camera Content. Journal of Imaging, 2020, 6, 7.	3.0	3
130	Blind Image Quality Assessment with Visual Sensitivity Enhanced Dual-Channel Deep Convolutional Neural Network. , 2020, , .		1
131	Unsupervised quaternion model for blind colour image quality assessment. Signal Processing, 2020, 176, 107708.	3.7	8
132	End-to-End Blind Image Quality Prediction With Cascaded Deep Neural Network. IEEE Transactions on Image Processing, 2020, 29, 7414-7426.	9.8	113
133	Benchmarking algorithms for food localization and semantic segmentation. International Journal of Machine Learning and Cybernetics, 2020, 11, 2827-2847.	3.6	25
134	Blind image quality assessment using natural scene statistics of stationary wavelet transform. Optik, 2020, 205, 164189.	2.9	12
135	KonIQ-10k: An Ecologically Valid Database for Deep Learning of Blind Image Quality Assessment. IEEE Transactions on Image Processing, 2020, 29, 4041-4056.	9.8	277
136	Perceptual image quality assessment: a survey. Science China Information Sciences, 2020, 63, 1.	4.3	314
137	Deep feature importance awareness based no-reference image quality prediction. Neurocomputing, 2020, 401, 209-223.	5.9	20
138	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
139	Multi-Pooled Inception Features for No-Reference Image Quality Assessment. Applied Sciences (Switzerland), 2020, 10, 2186.	2.5	26
140	No-reference image quality assessment of authentically distorted images with global and local statistics. Signal, Image and Video Processing, 2021, 15, 83-91.	2.7	17
141	Blind image quality assessment in the contourlet domain. Signal Processing: Image Communication, 2021, 91, 116064.	3.2	14
142	Blind image quality prediction with hierarchical feature aggregation. Information Sciences, 2021, 552, 167-182.	6.9	7
143	Deep blind image quality assessment based on multiple instance regression. Neurocomputing, 2021, 431, 78-89.	5.9	15
144	Selecting Cover Images for Restaurant Reviews: AI vs. Wisdom of the Crowd. SSRN Electronic Journal, 0, , .	0.4	1

#	Article	IF	Citations
145	MMMNet: An End-to-End Multi-Task Deep Convolution Neural Network With Multi-Scale and Multi-Hierarchy Fusion for Blind Image Quality Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4798-4811.	8.3	28
146	Blind Image Quality Assessment With Active Inference. IEEE Transactions on Image Processing, 2021, 30, 3650-3663.	9.8	50
147	PMâ‚‚.â‚… Monitoring: Use Information Abundance Measurement and Wide and Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4278-4290.	11.3	72
148	A Hitchhiker's Guide to Structural Similarity. IEEE Access, 2021, 9, 28872-28896.	4.2	28
149	DR2S: Deep Regression with Region Selection for Camera Quality Evaluation. , 2021, , .		0
150	RAPIQUE: Rapid and Accurate Video Quality Prediction of User Generated Content. IEEE Open Journal of Signal Processing, 2021, 2, 425-440.	3.5	82
151	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.	8.3	15
152	UGC-VQA: Benchmarking Blind Video Quality Assessment for User Generated Content. IEEE Transactions on Image Processing, 2021, 30, 4449-4464.	9.8	128
153	Technological Development of Image Aesthetics Assessment. Lecture Notes in Computer Science, 2021, , 341-352.	1.3	0
154	Measuring and managing picture quality. , 2021, , 335-384.		4
155	Generalizable No-Reference Image Quality Assessment via Deep Meta-Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1048-1060.	8.3	24
156	Sampling-Noise Modeling & Removal in Shape From Focus Systems Through Kalman Filter. IEEE Access, 2021, 9, 102520-102541.	4.2	9
157	Cubemap-Based Perception-Driven Blind Quality Assessment for 360-degree Images. IEEE Transactions on Image Processing, 2021, 30, 2364-2377.	9.8	27
158	Focus Measurement in Color Space for Shape From Focus Systems. IEEE Access, 2021, 9, 103291-103310.	4.2	13
159	Consolidated Dataset and Metrics for High-Dynamic-Range Image Quality. IEEE Transactions on Multimedia, 2022, 24, 2125-2138.	7.2	7
160	No-Reference Image Quality Assessment with Global Statistical Features. Journal of Imaging, 2021, 7, 29.	3.0	22
161	No Reference, Opinion Unaware Image Quality Assessment by Anomaly Detection. Sensors, 2021, 21, 994.	3.8	7
162	Quality-distinguishing and patch-comparing no-reference image quality assessment. Multimedia Tools and Applications, 2021, 80, 19601-19624.	3.9	0

#	ARTICLE	IF	CITATIONS
163	Learning to predict the quality of distorted-then-compressed images via a deep neural network. Journal of Visual Communication and Image Representation, 2021, 76, 103004.	2.8	5
164	SPS: A Subjective Perception Score for Text-to-Image Synthesis. , 2021, , .		2
165	Image Quality Assessment without Reference by Combining Deep Learning-Based Features and Viewing Distance. Applied Sciences (Switzerland), 2021, 11, 4661.	2.5	4
166	Perceptual-based super-resolution reconstruction using image-specific degradation estimation. Journal of Electronic Imaging, 2021, 30, .	0.9	0
167	Perceptual quality of BRDF approximations: dataset and metrics. Computer Graphics Forum, 2021, 40, 327-338.	3.0	7
168	Bias-Aware Loss for Training Image and Speech Quality Prediction Models from Multiple Datasets. , 2021, , .		3
169	Towards High Resolution Video Quality Assessment in the Crowd. , 2021, , .		10
170	Efficient User-Generated Video Quality Prediction. , 2021, , .		3
171	Regression or classification? New methods to evaluate no-reference picture and video quality models. , 2021, , .		8
172	Color Image Database HTID for Verification of No-Reference Metrics: Peculiarities and Preliminary Results. , 2021, , .		4
173	No-Reference Image Quality Assessment with Multi-Scale Orderless Pooling of Deep Features. Journal of Imaging, 2021, 7, 112.	3.0	5
174	BGT: A blind image quality evaluator via gradient and texture statistical features. Signal Processing: Image Communication, 2021, 96, 116315.	3.2	6
175	Combined Full-Reference Image Quality Metrics for Objective Assessment of Multiply Distorted Images. Electronics (Switzerland), 2021, 10, 2256.	3.1	8
176	Video Quality Assessment of User Generated Content: A Benchmark Study and a New Model. , 2021, , .		5
177	A Temporal Statistics Model For UGC Video Quality Prediction. , 2021, , .		0
178	Natural Scene Statistics And CNN Based Parallel Network For Image Quality Assessment. , 2021, , .		1
179	Quantifying Visual Image Quality: A Bayesian View. Annual Review of Vision Science, 2021, 7, 437-464.	4.4	12
180	Analysis of Benford's Law for No-Reference Quality Assessment of Natural, Screen-Content, and Synthetic Images. Electronics (Switzerland), 2021, 10, 2378.	3.1	7

#	Article	IF	Citations
181	A practical residual block-based no-reference quality metric for neutron radiographic images. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1019, 165841.	1.6	1
182	Transformer For Image Quality Assessment. , 2021, , .		77
183	Blind quality assessment of night-time image. Displays, 2021, 69, 102045.	3.7	22
184	Pair comparison based progressive subjective quality ranking for underwater images. Signal Processing: Image Communication, 2021, 99, 116444.	3.2	6
185	Artificial Neural Networks and Deep Learning in the Visual Arts: a review. Neural Computing and Applications, 2021, 33, 121-157.	5.6	49
187	A Novel Rank Learning Based No-Reference Image Quality Assessment Method. IEEE Transactions on Multimedia, 2022, 24, 4197-4211.	7.2	8
188	Uncertainty-Aware Blind Image Quality Assessment in the Laboratory and Wild. IEEE Transactions on Image Processing, 2021, 30, 3474-3486.	9.8	133
189	FP-Nets for Blind Image Quality Assessment. IS&T International Symposium on Electronic Imaging, 2021, 4, 010402-1-010402-13.	0.4	1
190	A Multidistortion Database for Image Quality. Lecture Notes in Computer Science, 2017, , 95-104.	1.3	8
191	No-Reference Quality Assessment of Screen Content Pictures. IEEE Transactions on Image Processing, 2017, 26, 4005-4018.	9.8	210
192	Predicting perceptual quality of images in realistic scenario using deep filter banks. Journal of Electronic Imaging, 2018, 27, 1.	0.9	3
193	Blind Image Quality Assessment by Natural Scene Statistics and Perceptual Characteristics. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-91.	4.3	34
194	IE-IQA: Intelligibility Enriched Generalizable No-Reference Image Quality Assessment. Frontiers in Neuroscience, 2021, 15, 739138.	2.8	5
195	Long Short-term Convolutional Transformer for No-Reference Video Quality Assessment. , 2021, , .		17
196	DeepRPN-BIQA: Deep architectures with region proposal network for natural-scene and screen-content blind image quality assessment. Displays, 2022, 71, 102101.	3.7	21
197	Image Quality Caption with Attentive and Recurrent Semantic Attractor Network. , 2021, , .		4
198	Reduced Reference Quality Assessment for Image Retargeting by Earth Mover's Distance. Applied Sciences (Switzerland), 2021, 11, 9776.	2.5	3
199	Image Quality Assessment in the Modern Age. , 2021, , .		4

#	Article	IF	Citations
200	Reproducibility Companion Paper. , 2021, , .		1
201	Remember and Reuse. , 2021, , .		8
202	Recycling Discriminator. , 2021, , .		3
203	Reproducibility Companion Paper. , 2021, , .		1
205	RM-IQA: A new no-reference image quality assessment framework based on range mapping method. Computers and Electrical Engineering, 2021, 96, 107508.	4.8	2
206	Saliency-aware Image Quality Assessment. , 2016, , .		0
207	Size does matter. Comparing the results of a lab and a crowdsourcing file download QoE study. , 0, , .		0
208	Perceptual information hiding based on multi-channel visual masking. Neurocomputing, 2017, 269, 170-179.	5.9	3
209	Predicting the quality of images compressed after distortion in two steps. , 2018, , .		2
210	No-Reference Image Quality Assessment via Multi-order Perception Similarity. Lecture Notes in Computer Science, 2019, , 607-619.	1.3	2
211	Convolutional neural network with uncertainty estimates for no-reference image quality assessment. , 2019, , .		1
212	Future Directions in Image Quality. Color and Imaging Conference, 2019, 2019, 399-403.	0.2	1
213	No Reference Image Quality Assessment by Information Decomposition. Lecture Notes in Computer Science, 2020, , 826-838.	1.3	0
214	Learning to Distort Images Using Generative Adversarial Networks. IEEE Signal Processing Letters, 2020, 27, 2144-2148.	3.6	19
215	Evaluating the robustness of image matting algorithm. CAAI Transactions on Intelligence Technology, 2020, 5, 247-259.	8.1	5
216	Portrait Quality Assessment using Multi-Scale CNN. Final Program and Proceedings, 2021, 2021, 5-10.	0.4	1
217	Learning from Rankings with Multi-level Features for No-Reference Image Quality Assessment. Lecture Notes in Computer Science, 2020, , 516-526.	1.3	0
218	Screen Content Quality Assessment: Overview, Benchmark, and Beyond. ACM Computing Surveys, 2022, 54, 1-36.	23.0	72

#	Article	IF	Citations
219	Troubleshooting Blind Image Quality Models in the Wild. , 2021, , .		10
220	Patch-VQ: â€˜Patching Upâ€™ the Video Quality Problem. , 2021, , .		64
221	Norm-in-Norm Loss with Faster Convergence and Better Performance for Image Quality Assessment. , 2020, , .		35
222	Blind Natural Video Quality Prediction via Statistical Temporal Features and Deep Spatial Features. , 2020, , .		43
223	Multivariate Statistical Approach to Image Quality Tasks. Journal of Imaging, 2018, 4, .	3.0	0
224	Toward a No-Reference Quality Metric for Camera-Captured Images. IEEE Transactions on Cybernetics, 2023, 53, 3651-3664.	9.5	18
225	Saliency-Guided Transformer Network combined with Local Embedding for No-Reference Image Quality Assessment. , 2021, , .		13
227	On Verification of Blur and Sharpness Metrics for No-reference Image Visual Quality Assessment. , 2020, , .		4
228	Merging of MOS of Large Image Databases for No-reference Image Visual Quality Assessment. , 2020, , .		2
229	VCRNet: Visual Compensation Restoration Network for No-Reference Image Quality Assessment. IEEE Transactions on Image Processing, 2022, 31, 1613-1627.	9.8	39
230	Cross-Domain Feature Similarity Guided Blind Image Quality Assessment. Frontiers in Neuroscience, 2021, 15, 767977.	2.8	0
231	Deep ensembling for perceptual image quality assessment. Soft Computing, 2022, 26, 7601-7622.	3.6	7
232	Attention integrated hierarchical networks for no-reference image quality assessment. Journal of Visual Communication and Image Representation, 2022, 82, 103399.	2.8	16
233	SCVS: blind image quality assessment based on spatial correlation and visual saliency. Visual Computer, 2023, 39, 443-458.	3.5	5
234	Dual-quality map based no reference image quality assessment using deformable convolution. , 2022, 123, 103398.		1
235	Blind quality assessment of authentically distorted images. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, B1.	1.5	5
236	Perceptually Unimportant Information Reduction and Cosine Similarity-Based Quality Assessment of 3D-Synthesized Images. IEEE Transactions on Image Processing, 2022, 31, 2027-2039.	9.8	10
237	Learning to Assess Image Quality Like an Observer. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8324-8336.	11.3	6

#	Article	IF	Citations
238	Blindly Assess Quality of In-the-Wild Videos via Quality-Aware Pre-Training and Motion Perception. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5944-5958.	8.3	36
239	Study of Natural Scene Categories in Measurement of Perceived Image Quality. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	7
240	GraphIQA: Learning Distortion Graph Representations for Blind Image Quality Assessment. IEEE Transactions on Multimedia, 2023, 25, 2912-2925.	7.2	31
241	Crowdsourcing of Labeling Image Objects: An Online Gamification Application for Data Collection. SSRN Electronic Journal, 0, , .	0.4	0
242	Image Quality Assessment using Synthetic Images. , 2022, , .		6
243	Impact of visual saliency on multi-distorted blind image quality assessment using deep neural architecture. Multimedia Tools and Applications, 0, , 1.	3.9	7
244	CPDINet: Blind image quality assessment via a content perception and distortion inference network. IET Image Processing, 2022, 16, 1973-1987.	2.5	1
245	An automatic quality evaluator for video object segmentation masks. Measurement: Journal of the International Measurement Confederation, 2022, 194, 111003.	5.0	3
246	Exploring Crowdsourcing for Subjective Quality Assessment of 3D Graphics. , 2021, , .		3
247	Deep Palmprint Image Quality Assessment Network. , 2021, , .		1
248	AVrate Voyager: an open source online testing platform. , 2021, , .		8
249	Evaluating Convolutional Neural Networks for No -Reference Image Quality Assessment. , 2021, , .		2
250	Blindly Predict Image and Video Quality in the Wild. , 2021, , .		0
251	Personalizing image enhancement for critical visual tasks: improved legibility of papyri using color processing and visual illusions. International Journal on Document Analysis and Recognition, 2022, 25, 129-160.	3.4	3
252	Image quality assessment via multiple features. Multimedia Tools and Applications, 2022, 81, 5459-5483.	3.9	1
253	No-Reference Image Quality Assessment with Convolutional Neural Networks and Decision Fusion. Applied Sciences (Switzerland), 2022, 12, 101.	2.5	23
254	Visual Perceptual Quality Assessment Based on Blind Machine Learning Techniques. Sensors, 2022, 22, 175.	3.8	3
255	An Ai Method to Score Celebrity Visual Potential from Human Faces. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
257	A No-Reference and Full-Reference image quality assessment and enhancement framework in real-time. Multimedia Tools and Applications, 2022, 81, 32491-32517.	3.9	1
259	Learning-Based Noise Component Map Estimation for Image Denoising. IEEE Signal Processing Letters, 2022, 29, 1407-1411.	3.6	5
260	Fine-Grained Image Quality Caption With Hierarchical Semantics Degradation. IEEE Transactions on Image Processing, 2022, 31, 3578-3590.	9.8	1
261	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
262	A genetic programming-based convolutional neural network for image quality evaluations. Neural Computing and Applications, 2022, 34, 15409-15427.	5.6	2
263	HIRL: Hybrid Image Restoration Based on Hierarchical Deep Reinforcement Learning via Two-Step Analysis. , 2022, , .		0
264	JE^{2}NET: Joint Exploitation and Exploration in Reinforcement Learning Based Image Restoration. , 2022, , .		2
265	Visibility enhancement and dehazing: Research contribution challenges and direction. Computer Science Review, 2022, 44, 100473.	15.3	2
266	No-reference image quality assessment for confocal endoscopy images with perceptual local descriptor. Journal of Biomedical Optics, 2022, 27, .	2.6	0
267	Study of Subjective and Objective Quality Assessment of Night-Time Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6627-6641.	8.3	3
268	Blind image quality assessment based on progressive multi-task learning. Neurocomputing, 2022, 500, 307-318.	5.9	5
269	Continual Learning for Blind Image Quality Assessment. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-1.	13.9	19
270	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.	8.3	10
271	Analyzing the Variability of Subjective Image Quality Ratings for Different Distortions. , 2022, , .		2
272	Blind Image Quality Assessment Based On Multi-scale Spatial Pyramid Pooling. , 2021, , .		1
273	Image Quality Assessment Using Contrastive Learning. IEEE Transactions on Image Processing, 2022, 31, 4149-4161.	9.8	55
274	No-Reference Quality Assessment of Authentically Distorted Images Based on Local and Global Features. Journal of Imaging, 2022, 8, 173.	3.0	5
275	DACNN: Blind Image Quality Assessment via a Distortion-Aware Convolutional Neural Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7518-7531.	8.3	20

#	Article	IF	Citations
276	LIQA: Lifelong Blind Image Quality Assessment. IEEE Transactions on Multimedia, 2023, 25, 5358-5373.	7.2	18
277	Blind Image Quality Measurement via Data-Driven Transform-Based Feature Enhancement. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	3
278	Image Quality Assessment Based on Self-Supervised Learning and Knowledge Distillation. SSRN Electronic Journal, 0, , .	0.4	0
279	No-Reference Image Quality Assessment based on Quality Awareness Feature and Multi-task Training. Journal of Multimedia Information System, 2022, 9, 75-86.	0.6	0
280	ARET-IQA: An Aspect-Ratio-Embedded Transformer for Image Quality Assessment. Electronics (Switzerland), 2022, 11, 2132.	3.1	2
281	Unsupervised blind image quality assessment based on joint structure and natural scene statistics features. Journal of Visual Communication and Image Representation, 2022, 87, 103579.	2.8	1
282	Blind Quality Assessment for in-the-Wild Images via Hierarchical Feature Fusion Strategy. , 2022, , .		19
283	Channel Recombination and Projection Network for Blind Image Quality Measurement. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	5
284	Cycleiqa: Blind Image Quality Assessment Via Cycle-Consistent Adversarial Networks. , 2022, , .		4
285	Deep Blind Image Quality Assessment Using Dual-Order Statistics. , 2022, , .		3
286	Feature Grouping for No-reference Image Quality Assessment. , 2022, , .		1
287	Learning a Blind Quality Evaluator for UGC Videos in Perceptually Relevant Domains. , 2022, , .		1
288	Jitter noise modeling and its removal using recursive least squares in shape from focus systems. Scientific Reports, 2022, 12, .	3.3	3
289	Blind image quality assessment by simulating the visual cortex. Visual Computer, 2023, 39, 4639-4656.	3.5	4
290	Image quality assessment via colour information fluctuation. Signal, Image and Video Processing, 2023, 17, 1161-1171.	2.7	1
291	Two-stage unsupervised facial image quality measurement. Information Sciences, 2022, 611, 432-445.	6.9	3
292	No-reference image quality assessment of multi-level residual feature augmentation. Signal, Image and Video Processing, 0, , .	2.7	0
293	Critical analysis on the reproducibility of visual quality assessment using deep features. PLoS ONE, 2022, 17, e0269715.	2.5	2

#	ARTICLE	IF	CITATIONS
294	A no-reference perceptual image quality assessment database for learned image codecs. Journal of Visual Communication and Image Representation, 2022, 88, 103617.	2.8	1
295	Perceptual quality assessment for no-reference image via optimization-based meta-learning. Information Sciences, 2022, 611, 30-46.	6.9	3
297	Simulating Visual Mechanisms by Sequential Spatial-Channel Attention for Image Quality Assessment. , 2022, , .		0
298	Impact of Blind Image Quality Assessment on the Retrieval of Lifelog Images. , 2022, , .		1
299	Adversarial Attacks Against Blind Image Quality Assessment Models. , 2022, , .		2
300	Why No Reference Metrics for Image and Video Quality Lack Accuracy and Reproducibility. IEEE Transactions on Broadcasting, 2023, 69, 97-117.	3.2	7
301	RV-TMO: Large-Scale Dataset for Subjective Quality Assessment of Tone Mapped Images. IEEE Transactions on Multimedia, 2023, 25, 6013-6025.	7.2	5
302	Semi-Supervised Authentically Distorted Image Quality Assessment With Consistency-Preserving Dual-Branch Convolutional Neural Network. IEEE Transactions on Multimedia, 2023, 25, 6499-6511.	7.2	6
303	Crowdsourcing platform for QoE evaluation for cloud multimedia services. Computer Science and Information Systems, 2022, 19, 1305-1328.	1.0	10
304	A Human Visual System Inspired No-Reference Image Quality Assessment Method Based on Local Feature Descriptors. Sensors, 2022, 22, 6775.	3.8	5
305	Telepresence Video Quality Assessment. Lecture Notes in Computer Science, 2022, , 327-347.	1.3	1
306	Improving IQA Performance Based on Deep Mutual Learning. , 2022, , .		0
307	Blind image quality assessment based on transformer. , 2022, , .		0
308	CSPP-IQA: a multi-scale spatial pyramid pooling-based approach for blind image quality assessment. Neural Computing and Applications, 0, , .	5.6	5
309	Starvqa: Space-Time Attention for Video Quality Assessment. , 2022, , .		0
310	Multiview Contrastive Learning for Completely Blind Video Quality Assessment of User Generated Content. , 2022, , .		1
311	No-Reference Image Quality Assessment Using Dynamic Complex-Valued Neural Model. , 2022, , .		3
312	ADGNet: Attention Discrepancy Guided Deep Neural Network for Blind Image Quality Assessment. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
313	Selective video enhancement in the Laguerre–Gauss domain. Signal Processing: Image Communication, 2023, 110, 116876.	3.2	0
314	Meta-learning for computer vision. , 2023, , 91-208.		0
315	Probabilistic Modeling for Crowdsourcing Partially-Subjective Ratings. , 0, 4, 149-158.		9
316	Green learning: Introduction, examples and outlook. Journal of Visual Communication and Image Representation, 2023, 90, 103685.	2.8	14
317	LG-IQA: Integration of local and global features for no-reference image quality assessment. Displays, 2022, 75, 102334.	3.7	6
318	The context effect for blind image quality assessment. Neurocomputing, 2023, 521, 172-180.	5.9	3
319	ASCAM-Former: Blind image quality assessment based on adaptive spatial & channel attention merging transformer and image to patch weights sharing. Expert Systems With Applications, 2023, 215, 119268.	7.6	7
320	Blind image quality assessment for anchor-assisted adaptation to practical situations. Multimedia Tools and Applications, 0, , .	3.9	1
321	Image quality assessment based on self-supervised learning and knowledge distillation. Journal of Visual Communication and Image Representation, 2023, 90, 103708.	2.8	1
322	Semantic Image Quality Assessment Using Conventional Neural Network for E-Commerce Catalogue Management. Unsupervised and Semi-supervised Learning, 2022, , 89-113.	0.5	0
323	Explainable and Generalizable Blind Image Quality Assessment via Semantic Attribute Reasoning. IEEE Transactions on Multimedia, 2023, 25, 7672-7685.	7.2	2
324	Blind Image Quality Assessment via Cross-View Consistency. IEEE Transactions on Multimedia, 2023, 25, 7607-7620.	7.2	9
325	GreenBIQA: A Lightweight Blind Image Quality Assessment Method. , 2022, , .		3
326	FQA-Net: an efficient neural network for blind image quality assessment. Journal of Electronic Imaging, 2022, 31, .	0.9	0
327	Blind Image Quality Assessment with Deep Learning: A Replicability Study and Its Reproducibility in Lifelogging. Applied Sciences (Switzerland), 2023, 13, 59.	2.5	3
328	Knowledge-Guided Blind Image Quality Assessment With Few Training Samples. IEEE Transactions on Multimedia, 2023, 25, 8145-8156.	7.2	4
329	A large-scale image database for benchmarking mobile camera quality and NR-IQA algorithms. Displays, 2023, 76, 102366.	3.7	2
330	Degraded Reference Image Quality Assessment. IEEE Transactions on Image Processing, 2023, 32, 822-837.	9.8	5

#	ARTICLE	IF	CITATIONS
331	UID2021: An Underwater Image Dataset for Evaluation of No-Reference Quality Assessment Metrics. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-24.	4.3	23
332	An aerial image data cleaning of power lines with multi-information fusion perception. , 2022, , .		0
333	Conv-Former: A Novel Network Combining Convolution and Self-Attention for Image Quality Assessment. Sensors, 2023, 23, 427.	3.8	1
334	Forgetting to Remember: A Scalable Incremental Learning Framework for Cross-Task Blind Image Quality Assessment. IEEE Transactions on Multimedia, 2023, 25, 8817-8827.	7.2	2
335	Self-Supervised Effective Resolution Estimation with Adversarial Augmentations. , 2023, , .		0
336	No Reference Opinion Unaware Quality Assessment of Authentically Distorted Images. , 2023, , .		1
337	Learning from mixed datasets: A monotonic image quality assessment model. Electronics Letters, 2023, 59, .	1.0	2
338	No Reference Image Quality Assessment Based on Self-supervised Learning. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 849-858.	0.7	0
339	Textured Mesh Quality Assessment: Large-scale Dataset and Deep Learning-based Quality Metric. ACM Transactions on Graphics, 2023, 42, 1-20.	7.2	5
340	IC9600: A Benchmark Dataset for Automatic Image Complexity Assessment. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-17.	13.9	1
341	Visual Interaction Perceptual Network for Blind Image Quality Assessment. IEEE Transactions on Multimedia, 2023, 25, 8958-8971.	7.2	1
342	NITS-IQA Database: A New Image Quality Assessment Database. Sensors, 2023, 23, 2279.	3.8	0
343	An investigation of crowdsourcing methods in enhancing the machine learning approach for detecting online recruitment fraud. International Journal of Information Management Data Insights, 2023, 3, 100167.	9.7	7
344	Teacher-Guided Learning forÂBlind Image Quality Assessment. Lecture Notes in Computer Science, 2023, , 206-222.	1.3	0
345	Visual Mechanisms Inspired Efficient Transformers for Image and Video Quality Assessment. Lecture Notes in Networks and Systems, 2023, , 455-473.	0.7	2
346	DCVQE: A Hierarchical Transformer forÂVideo Quality Assessment. Lecture Notes in Computer Science, 2023, , 398-416.	1.3	0
347	MSPP-IQA: Adaptive Blind Image Quality Assessment Based onÂMulti-level Spatial Pyramid Pooling. Communications in Computer and Information Science, 2023, , 231-245.	0.5	0
348	A Blind Image Quality Index for Synthetic and Authentic Distortions with Hierarchical Feature Fusion. Applied Sciences (Switzerland), 2023, 13, 3591.	2.5	0

#	ARTICLE	IF	CITATIONS
349	Deep Blind Image Quality Assessment Powered by Online Hard Example Mining. IEEE Transactions on Multimedia, 2023, 25, 4774-4784.	7.2	0
350	Perceptual Quality Assessment of Enhanced Colonoscopy Images: A Benchmark Dataset and an Objective Method. IEEE Transactions on Circuits and Systems for Video Technology, 2023, , 1-1.	8.3	3
351	Hierarchical Patch Selection: An Improved Patch Sampling for No Reference Image Quality Assessment. IEEE Transactions on Artificial Intelligence, 2024, 5, 541-555.	4.7	1
352	No-Reference Image Quality Assessment Using the Statistics of Global and Local Image Features. Electronics (Switzerland), 2023, 12, 1615.	3.1	4
353	åŸºäºŽåŠç¹‘ç£å¦¦ä¹çš„æ—å¡è€ƒå›¾åƒè̂é‡è̄„ä»·ç®—æ³•. Laser and Optoelectronics Progress, 2023, 60, 0410023.	0.6	0
354	Quality assessment of higher resolution images and videos with remote testing. Quality and User Experience, 2023, 8, .	3.9	4
355	Deep Ordinal Regression Framework for No-Reference Image Quality Assessment. IEEE Signal Processing Letters, 2023, 30, 428-432.	3.6	1
357	Improved Sensitivity of No-Reference Image Visual Quality Metrics to the Presence of Noise. Lecture Notes in Computer Science, 2023, , 201-214.	1.3	0
358	Blind Quality Assessment for in-the-Wild Images via Hierarchical Feature Fusion and Iterative Mixed Database Training. IEEE Journal on Selected Topics in Signal Processing, 2023, 17, 1178-1192.	10.8	16
359	MAMIQA: No-Reference Image Quality Assessment Based on Multiscale Attention Mechanism With Natural Scene Statistics. IEEE Signal Processing Letters, 2023, 30, 588-592.	3.6	1
360	Continuous Learning for Blind Image Quality Assessment with Contrastive Transformer. , 2023, , .		1
361	Test Your Samples Jointly: Pseudo-Reference for Image Quality Evaluation. , 2023, , .		0
362	A hybrid indicator for realistic blurred image quality assessment. Journal of Visual Communication and Image Representation, 2023, 94, 103848.	2.8	5
363	Blind Image Quality Assessment via Deep Response Feature Decomposition and Aggregation. IEEE Journal on Selected Topics in Signal Processing, 2023, 17, 1165-1177.	10.8	0
364	Dual-branch vision transformer for blind image quality assessment. Journal of Visual Communication and Image Representation, 2023, 94, 103850.	2.8	2
365	Using HVS Dual-Pathway and Contrast Sensitivity to Blindly Assess Image Quality. Sensors, 2023, 23, 4974.	3.8	1
366	Blind Image Quality Assessment for Pathological Microscopic Image Under Screen and Immersion Scenarios. IEEE Transactions on Medical Imaging, 2023, 42, 3295-3306.	8.9	3
367	A dual-stream hybrid model for blind image quality assessment. , 2023, 140, 104109.		1

#	ARTICLE	IF	CITATIONS
368	No-Reference Image Quality Assessment Based on a Multitask Image Restoration Network. Applied Sciences (Switzerland), 2023, 13, 6802.	2.5	0
369	Frame importance and temporal memory effect-based fast video quality assessment for user-generated content. Applied Intelligence, 0, , .	5.3	0
370	Combining CNN and transformers for full-reference and no-reference image quality assessment. Neurocomputing, 2023, 549, 126437.	5.9	0
371	Progress in Blind Image Quality Assessment: A Brief Review. Mathematics, 2023, 11, 2766.	2.2	2
372	Subjective Quality Assessment of User-Generated 360^{circ} Videos. , 2023, , .		0
373	Local Feature Enhanced Adversarial Network for the Blind Image Quality Assessment. , 2023, , .		1
374	JNDMix: Jnd-Based Data Augmentation for No-Reference Image Quality Assessment. , 2023, , .		1
375	LiNuIQA: Lightweight No-Reference Image Quality Assessment Based on Non-Uniform Weighting. , 2023, , .		1
376	Learning Hybrid Representations of Semantics and Distortion for Blind Image Quality Assessment. , 2023, , .		1
377	Quality Assessment of Low-Light Restored Images: A Subjective Study and an Unsupervised Model. IEEE Access, 2023, 11, 68216-68230.	4.2	1
378	Image Appeal Revisited: Analysis, New Dataset, and Prediction Models. IEEE Access, 2023, 11, 69563-69585.	4.2	0
379	Unsupervised blind image quality assessment via joint spatial and transform features. Scientific Reports, 2023, 13, .	3.3	1
380	Subjective and Objective Audio-Visual Quality Assessment for User Generated Content. IEEE Transactions on Image Processing, 2023, 32, 3847-3861.	9.8	7
381	Helping Visually Impaired People Take Better Quality Pictures. IEEE Transactions on Image Processing, 2023, 32, 3873-3884.	9.8	1
382	No-reference blurred image quality assessment method based on structure of structure features. Signal Processing: Image Communication, 2023, 118, 117008.	3.2	0
383	Measuring and Predicting Perceptions of Video Quality Across Screen Sizes with Crowdsourcing. , 2023, , .		1
384	The Impact of Reflection Approximations on Visual Quality in Virtual Reality. , 2023, , .		1
385	Hierarchical Curriculum Learning for No-Reference Image Quality Assessment. International Journal of Computer Vision, 0, , .	15.6	0

#	ARTICLE	IF	CITATIONS
386	Blind Image Quality Assessment via Multiperspective Consistency. International Journal of Intelligent Systems, 2023, 2023, 1-14.	5.7	0
387	No-Reference Image Quality Assessment Using Meta-Learning. Lecture Notes in Networks and Systems, 2023, , 137-144.	0.7	0
388	Going the Extra Mile in Face Image Quality Assessment: A Novel Database and Model. IEEE Transactions on Multimedia, 2024, 26, 2671-2685.	7.2	1
389	Blind Image Quality Index With Cross-Domain Interaction and Cross-Scale Integration. IEEE Transactions on Multimedia, 2024, 26, 2729-2739.	7.2	0
390	NTIRE 2023 Quality Assessment of Video Enhancement Challenge. , 2023, , .		14
391	Collaborative Auto-encoding for Blind Image Quality Assessment. , 2023, , .		1
392	No Reference Image Quality Assessment Via Quality Difference Learning. , 2023, , .		0
393	A generalised deep meta-learning model for automated quality control of cardiovascular magnetic resonance images. Computer Methods and Programs in Biomedicine, 2023, 242, 107770.	4.7	1
395	On the generation of adversarial examples for image quality assessment. Visual Computer, 0, , .	3.5	0
396	Boosting External-Reference Image Quality Assessment by Content-Constrain Loss and Attention-based Adaptive Feature Fusion. , 2023, , .		0
397	Crowdsourcing of labeling image objects: an online gamification application for data collection. Multimedia Tools and Applications, 2024, 83, 20827-20860.	3.9	1
398	SB-VQA: A Stack-Based Video Quality Assessment Framework for Video Enhancement. , 2023, , .		1
399	Blind Image Quality Assessment via Vision-Language Correspondence: A Multitask Learning Perspective. , 2023, , .		8
400	Towards Benchmarking and Assessing Visual Naturalness of Physical World Adversarial Attacks. , 2023, , .		3
401	Re-IQA: Unsupervised Learning for Image Quality Assessment in the Wild. , 2023, , .		2
402	Quality-aware Pretrained Models for Blind Image Quality Assessment. , 2023, , .		5
403	An Image Quality Assessment Dataset for Portraits. , 2023, , .		0
404	Selecting Cover Images for Restaurant Reviews: AI vs. Wisdom of the Crowd. Manufacturing and Service Operations Management, 2024, 26, 330-349.	3.7	0

#	ARTICLE	IF	CITATIONS
405	Gap-Closing Matters: Perceptual Quality Evaluation and Optimization of Low-Light Image Enhancement. IEEE Transactions on Multimedia, 2024, 26, 3430-3443.	7.2	0
406	Neighbourhood Representative Sampling for Efficient End-to-End Video Quality Assessment. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 15185-15202.	13.9	1
407	Underwater image quality assessment method based on color space multi-feature fusion. Scientific Reports, 2023, 13, .	3.3	0
408	Review of Quality Assessment Algorithms on the Realistic Blurred Image Database (BID2011). , 2023, , .		0
409	EARNet: Error-Aware Reconstruction Network for no-reference image quality assessment. Expert Systems With Applications, 2024, 238, 122050.	7.6	0
411	METER: Multi-task efficient transformer for no-reference image quality assessment. Applied Intelligence, 0, , .	5.3	0
412	2BiVQA: Double Bi-LSTM-based Video Quality Assessment of UGC Videos. ACM Transactions on Multimedia Computing, Communications and Applications, 2024, 20, 1-22.	4.3	0
413	PMT-IQA: Progressive Multi-task Learning forÂBlind Image Quality Assessment. Lecture Notes in Computer Science, 2024, , 153-164.	1.3	0
414	Deep Learning-based Super-Resolution on the Cloud: Focus on Face and Text Enhancement. , 2023, , .		0
415	Auxiliary Information Guided Self-attention for Image Quality Assessment. ACM Transactions on Multimedia Computing, Communications and Applications, 2024, 20, 1-23.	4.3	0
416	A Model-Agnostic Semantic-Quality Compatible Framework based on Self-Supervised Semantic Decoupling. , 2023, , .		0
417	Feature rectification and enhancement for no-reference image quality assessment. Journal of Visual Communication and Image Representation, 2024, 98, 104030.	2.8	0
418	MTQ-Caps: A Multi-task Capsule Network forÂBlind Image Quality Assessment. Lecture Notes in Computer Science, 2024, , 296-308.	1.3	0
419	Quality-Aware CLIP forÂBlind Image Quality Assessment. Lecture Notes in Computer Science, 2024, , 396-408.	1.3	0
420	Cross-Dataset Distillation withÂMulti-tokens forÂImage Quality Assessment. Lecture Notes in Computer Science, 2024, , 384-395.	1.3	0
421	Machine Learning-Based Blind Image Quality Assessment: A Review. Lecture Notes in Networks and Systems, 2024, , 11-18.	0.7	0
422	On the Effectiveness of Spectral Discriminators for Perceptual Quality Improvement. , 2023, , .		1
423	SQAD: Automatic Smartphone Camera Quality Assessment and Benchmarking. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
424	Individual Contrast Preferences in Natural Images. Journal of Imaging, 2024, 10, 25.	3.0	0
425	Split-Conv: A Resource-efficient Compression Method for Image Quality Assessment Models. , 2023, , .		0
426	Efficient Context and Saliency Aware Transformer Network for No-Reference Image Quality Assessment. , 2023, , .		0
427	Degradation Aware Multi-Scale Approach to No Reference Image Quality Assessment. , 2023, , .		0
428	Multi-scale Transformer withÂDecoder forÂImage Quality Assessment. Lecture Notes in Computer Science, 2024, , 220-231.	1.3	0
429	Cortical Divisive Normalization from Wilsonâ€"Cowan Neural Dynamics. Journal of Nonlinear Science, 2024, 34, .	2.1	0
430	Annotation-Free Human Sketch Quality Assessment. International Journal of Computer Vision, 0, , .	15.6	0
431	Perceptual Image Quality Prediction: Are Contrastive Languageâ€"Image Pretraining (CLIP) Visual Features Effective?. Electronics (Switzerland), 2024, 13, 803.	3.1	0
432	Joint Distortion Restoration and Quality Feature Learning for No-reference Image Quality Assessment. ACM Transactions on Multimedia Computing, Communications and Applications, 2024, 20, 1-20.	4.3	0
433	Blind image quality assessment with semi-supervised learning. Journal of Visual Communication and Image Representation, 2024, 100, 104100.	2.8	0