Leida Li

List of Publications by Citations

260	7,487	44	79
papers	citations	h-index	g-index
302	9,290	4.6	6.63
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
260	Perceptual visual quality metrics: A survey. *Journal of Visual Communication and Image Representation*, **2011**, 22, 297-312	2.7	615
259	Image quality assessment based on gradient similarity. *IEEE Transactions on Image Processing*, **2012**, 21, 1500-12	8.7	433
258	No-reference image sharpness assessment in autoregressive parameter space. *IEEE Transactions on Image Processing*, **2015**, 24, 3218-31	8.7	193
257	. *IEEE Transactions on Multimedia*, **2016**, 18, 1098-1110	6.6	189
256	Perceptual quality metric with internal generative mechanism. *IEEE Transactions on Image Processing*, **2013**, 22, 43-54	8.7	187
255	No-Reference Quality Metric of Contrast-Distorted Images Based on Information Maximization. *IEEE Transactions on Cybernetics*, **2017**, 47, 4559-4565	10.2	184
254	A psychovisual quality metric in free-energy principle. *IEEE Transactions on Image Processing*, **2012**, 21, 41-52	8.7	173
253	No-Reference Image Blur Assessment Based on Discrete Orthogonal Moments. *IEEE Transactions on Cybernetics*, **2016**, 46, 39-50	10.2	172
252	A Fast Reliable Image Quality Predictor by Fusing Micro- and Macro-Structures. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 3903-3912	8.9	167
251	A Patch-Structure Representation Method for Quality Assessment of Contrast Changed Images. *IEEE Signal Processing Letters*, **2015**, 22, 2387-2390	3.2	164
250	Review of Visual Saliency Detection With Comprehensive Information. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 2941-2959	6.4	159
249	No-Reference Quality Assessment of Screen Content Pictures. *IEEE Transactions on Image Processing*, **2017**, 26, 4005-4018	8.7	151
248	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	6.4	146
247	Perceptual Quality Assessment of Screen Content Images. *IEEE Transactions on Image Processing*, **2015**, 24, 4408-21	8.7	136
246	No-Reference Quality Assessment for Multiply-Distorted Images in Gradient Domain. *IEEE Signal Processing Letters*, **2016**, 23, 541-545	3.2	127
245	. *IEEE Transactions on Multimedia*, **2013**, 15, 1700-1705	6.6	119
244	Analysis of Distortion Distribution for Pooling in Image Quality Prediction. *IEEE Transactions on Broadcasting*, **2016**, 62, 446-456	4.7	116

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242	. *IEEE Transactions on Multimedia*, **2016**, 18, 2457-2469	6.6	98
241	Image Retargeting Quality Assessment: A Study of Subjective Scores and Objective Metrics. *IEEE Journal on Selected Topics in Signal Processing*, **2012**, 6, 626-639	7.5	96
240	. *IEEE Transactions on Multimedia*, **2016**, 18, 1085-1097	6.6	83
239	Model-Based Referenceless Quality Metric of 3D Synthesized Images Using Local Image Description. *IEEE Transactions on Image Processing*, **2018**, 27, 394-405	8.7	81
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236	Learning a blind quality evaluation engine of screen content images. *Neurocomputing*, **2016**, 196, 140-149	5.4	78
235	No Reference Quality Assessment for Screen Content Images With Both Local and Global Feature Representation. *IEEE Transactions on Image Processing*, **2018**, 27, 1600-1610	8.7	73
234	Blurred Image Splicing Localization by Exposing Blur Type Inconsistency. *IEEE Transactions on Information Forensics and Security*, **2015**, 10, 999-1009	8	71
233	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	7.5	71
232	No-reference quality assessment of deblocked images. *Neurocomputing*, **2016**, 177, 572-584	5.4	69
231	Referenceless Measure of Blocking Artifacts by Tchebichef Kernel Analysis. *IEEE Signal Processing Letters*, **2014**, 21, 122-125	3.2	68
230	Visual Saliency Detection With Free Energy Theory. *IEEE Signal Processing Letters*, **2015**, 22, 1552-1555	3.2	65
229	Evaluating Quality of Screen Content Images Via Structural Variation Analysis. *IEEE Transactions on Visualization and Computer Graphics*, **2018**, 24, 2689-2701	4	65
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227	Orientation selectivity based visual pattern for reduced-reference image quality assessment. *Information Sciences*, **2016**, 351, 18-29	7.7	61
226	. *IEEE Transactions on Multimedia*, **2018**, 20, 914-926	6.6	59

225	Toward a Blind Deep Quality Evaluator for Stereoscopic Images Based on Monocular and Binocular Interactions. *IEEE Transactions on Image Processing*, **2016**, 25, 2059-74	8.7	59
224	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	5.2	56
223	Visual Orientation Selectivity Based Structure Description. *IEEE Transactions on Image Processing*, **2015**, 24, 4602-13	8.7	52
222	Recurrent Air Quality Predictor Based on Meteorology- and Pollution-Related Factors. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 3946-3955	11.9	52
221	Just Noticeable Difference Estimation for Screen Content Images. *IEEE Transactions on Image Processing*, **2016**, 25, 3838-51	8.7	52
220	Three Dimensional Scalable Video Adaptation via User-End Perceptual Quality Assessment. *IEEE Transactions on Broadcasting*, **2008**, 54, 719-727	4.7	50
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218	Backward Registration-Based Aspect Ratio Similarity for Image Retargeting Quality Assessment. *IEEE Transactions on Image Processing*, **2016**, 25, 4286-4297	8.7	47
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216	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	2.7	43
215	Scene-Based Movie Summarization Via Role-Community Networks. *IEEE Transactions on Circuits and Systems for Video Technology*, **2013**, 23, 1927-1940	6.4	42
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211	An engineered CRISPR-Cas12a variant and DNA-RNA hybrid guides enable robust and rapid COVID-19 testing. *Nature Communications*, **2021**, 12, 1739	17.4	37
210	A Prediction Backed Model for Quality Assessment of Screen Content and 3-D Synthesized Images. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 652-660	11.9	35
209	Blind Image Quality Assessment for Stereoscopic Images Using Binocular Guided Quality Lookup and Visual Codebook. *IEEE Transactions on Broadcasting*, **2015**, 61, 154-165	4.7	34
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206	No-Reference Quality Assessment of Deblurred Images Based on Natural Scene Statistics. *IEEE Access*, **2017**, 5, 2163-2171	3.5	32
205	Screen image quality assessment incorporating structural degradation measurement **2015**,		32
204	Blind image quality assessment with improved natural scene statistics model **2016**, 57, 56-65		32
203	No-Reference Quality Assessment for View Synthesis Using DoG-based Edge Statistics and Texture Naturalness. *IEEE Transactions on Image Processing*, **2019**,	8.7	30
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201	Sparse Representation-Based Image Quality Index With Adaptive Sub-Dictionaries. *IEEE Transactions on Image Processing*, **2016**, 25, 3775-86	8.7	29
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197	Bayesian Error Concealment With DCT Pyramid for Images. *IEEE Transactions on Circuits and Systems for Video Technology*, **2010**, 20, 1224-1232	6.4	28
196	Image quality assessment based on multi-scale representation of structure **2014**, 33, 125-133		26
195	A multi-metric fusion approach to visual quality assessment **2011**,		26
194	Models of Monocular and Binocular Visual Perception in Quality Assessment of Stereoscopic Images. *IEEE Transactions on Computational Imaging*, **2016**, 2, 123-135	4.5	25
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191	Geometric Optimum Experimental Design for Collaborative Image Retrieval. *IEEE Transactions on Circuits and Systems for Video Technology*, **2014**, 24, 346-359	6.4	24
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182	Blind Quality Metric of DIBR-Synthesized Images in the Discrete Wavelet Transform Domain. *IEEE Transactions on Image Processing*, **2019**,	8.7	22
181	Subjective quality assessment of Screen Content Images **2014**,		21
180	A shallow convolutional neural network for blind image sharpness assessment. *PLoS ONE*, **2017**, 12, e0176632	3.7	21
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178	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	2.7	20
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173	Perceptual quality evaluation for image defocus deblurring. *Signal Processing: Image Communication*, **2016**, 48, 81-91	2.8	19
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151	A consistency evaluation of signal-to-noise ratio in the quality assessment of human brain magnetic resonance images. *BMC Medical Imaging*, **2018**, 18, 17	2.9	12
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140	Quality assessment of 3D synthesized images via disoccluded region discovery **2016**,		10
139	Blind Image Quality Assessment With Active Inference. *IEEE Transactions on Image Processing*, **2021**, 30, 3650-3663	8.7	10
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