Weisi Lin

List of Publications by Year in Descending Order

414 papers	13,857 citations	64 h-index	102 g-index
477 ext. papers	16,925 ext. citations	5.3 avg, IF	7.13 L-index

#	Paper	IF	Citations
414	Lightweight Salient Object Detection in Optical Remote Sensing Images via Feature Correlation. *IEEE Transactions on Geoscience and Remote Sensing*, **2022**, 1-1	8.1	3
413	A no-Reference Stereoscopic Image Quality Assessment Network Based on Binocular Interaction and Fusion Mechanisms.. *IEEE Transactions on Image Processing*, **2022**, 31, 3066-3080	8.7	3
412	Multi-Content Complementation Network for Salient Object Detection in Optical Remote Sensing Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-1	8.1	9
411	Progressive Self-Guided Loss for Salient Object Detection. *IEEE Transactions on Image Processing*, **2021**, 30, 8426-8438	8.7	13
410	Blind image quality prediction with hierarchical feature aggregation. *Information Sciences*, **2021**, 552, 167-182	7.7	2
409	End-to-End Ensemble Learning by Exploiting the Correlation Between Individuals and Weights. *IEEE Transactions on Cybernetics*, **2021**, 51, 2835-2846	10.2	5
408	Temporal Reasoning Guided QoE Evaluation for Mobile Live Video Broadcasting. *IEEE Transactions on Image Processing*, **2021**, 30, 3279-3292	8.7	5
407	Blind Image Quality Assessment With Active Inference. *IEEE Transactions on Image Processing*, **2021**, 30, 3650-3663	8.7	10
406	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	3
405	PM□Monitoring: Use Information Abundance Measurement and Wide and Deep Learning. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 4278-4290	10.3	17
404	Approximate Intrinsic Voxel Structure for Point Cloud Simplification. *IEEE Transactions on Image Processing*, **2021**, 30, 7241-7255	8.7	4
403	Just Noticeable Difference for Deep Machine Vision. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	1
402	Unified Information Fusion Network for Multi-Modal RGB-D and RGB-T Salient Object Detection. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	11
401	LGGD+: Image Retargeting Quality Assessment by Measuring Local and Global Geometric Distortions. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	3
400	Hierarchical Alternate Interaction Network for RGB-D Salient Object Detection. *IEEE Transactions on Image Processing*, **2021**, 30, 3528-3542	8.7	44
399	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	4
398	Bi-disparity sparse feature learning for 3D visual discomfort prediction. *Signal Processing*, **2021**, 188, 108179	4.4	2

397	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	8
396	StereoARS: Quality Evaluation for Stereoscopic Image Retargeting With Binocular Inconsistency Detection. *IEEE Transactions on Broadcasting*, **2021**, 1-15	4.7	2
395	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	1
394	Fine-Grained Image Quality Assessment: A Revisit and Further Thinking. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	3
393	Data Representation in Hybrid Coding Framework for Feature Maps Compression **2020**,		3
392	End-to-End Blind Image Quality Prediction With Cascaded Deep Neural Network. *IEEE Transactions on Image Processing*, **2020**, 29, 7414-7426	8.7	34
391	Personality-assisted Multi-task Learning for Generic and Personalized Image Aesthetics Assessment. *IEEE Transactions on Image Processing*, **2020**,	8.7	20
390	Object-level Attention for Aesthetic Rating Distribution Prediction **2020**,		4
389	Salient Object Detection by Spatiotemporal and Semantic Features in Real-Time Video Processing Systems. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 9893-9903	8.9	5
388	. *IEEE Transactions on Multimedia*, **2020**, 22, 2163-2176	6.6	38
387	Content-Dependency Reduction With Multi-Task Learning In Blind Stitched Panoramic Image Quality Assessment **2020**,		3
386	. *IEEE Transactions on Broadcasting*, **2020**, 66, 127-139	4.7	23
385	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	6.4	14
384	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	3.2	12
383	. *IEEE Transactions on Multimedia*, **2020**, 22, 311-323	6.6	62
382	Beyond Ranking Loss: Deep Holographic Networks for Multi-Label Video Search **2019**,		1
381	Lossy Intermediate Deep Learning Feature Compression and Evaluation **2019**,		7
380	SGDNet **2019**,		26

379	. *IEEE Transactions on Multimedia*, **2019**, 21, 2042-2056	6.6	16
378	A Two-Stage Outlier Filtering Framework for City-Scale Localization Using 3D SfM Point Clouds. *IEEE Transactions on Image Processing*, **2019**, 28, 4857-4869	8.7	4
377	Context-aware Deep Learning for Multi-modal Depression Detection **2019**,		9
376	Reference-Free Quality Assessment of Sonar Images via Contour Degradation Measurement. *IEEE Transactions on Image Processing*, **2019**, 28, 5336-5351	8.7	12
375	Signal-Independent Separable KLT by Offline Training for Video Coding. *IEEE Access*, **2019**, 7, 33087-33093	3.5	1
374	Reduced-reference quality assessment of image super-resolution by energy change and texture variation. *Journal of Visual Communication and Image Representation*, **2019**, 60, 140-148	2.7	11
373	Point Cloud Saliency Detection by Local and Global Feature Fusion. *IEEE Transactions on Image Processing*, **2019**, 28, 5379-5393	8.7	10
372	No-reference image quality assessment with visual pattern degradation. *Information Sciences*, **2019**, 504, 487-500	7.7	11
371	. *IEEE Transactions on Multimedia*, **2019**, 21, 2738-2749	6.6	23
370	Intermediate Deep Feature Compression: Toward Intelligent Sensing. *IEEE Transactions on Image Processing*, **2019**,	8.7	17
369	Video Frame Synthesis via Plug-and-Play Deep Locally Temporal Embedding. *IEEE Access*, **2019**, 7, 179304-179319	3.5	
368	Cascaded Parallel Filtering for Memory-Efficient Image-Based Localization **2019**,		6
367	Towards Robust Curve Text Detection With Conditional Spatial Expansion **2019**,		33
366	Visual-Attention-Based Pixel Dimming Technique for OLED Displays of Mobile Devices. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 7159-7167	8.9	11
365	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 3393-3403	6.4	1
364	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	11.9	24
363	Blind image quality assessment based on joint log-contrast statistics. *Neurocomputing*, **2019**, 331, 189-198	3.4	6
362	Blind image quality assessment with hierarchy: Degradation from local structure to deep semantics. *Journal of Visual Communication and Image Representation*, **2019**, 58, 353-362	2.7	14

361	Review of Visual Saliency Detection With Comprehensive Information. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 2941-2959	6.4	159
360	Fine-Grained Quality Assessment for Compressed Images. *IEEE Transactions on Image Processing*, **2019**, 28, 1163-1175	8.7	19
359	. *IEEE Transactions on Multimedia*, **2019**, 21, 1221-1234	6.6	25
358	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	7.3	7
357	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 323-335	6.4	33
356	An Iterative Co-Saliency Framework for RGBD Images. *IEEE Transactions on Cybernetics*, **2019**, 49, 233-246	10.2	67
355	Survey of visual just noticeable difference estimation. *Frontiers of Computer Science*, **2019**, 13, 4-15	2.2	9
354	. *IEEE Transactions on Multimedia*, **2018**, 20, 2035-2048	6.6	144
353	Evaluating Quality of Screen Content Images Via Structural Variation Analysis. *IEEE Transactions on Visualization and Computer Graphics*, **2018**, 24, 2689-2701	4	65
352	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
351	Multiple-Level Feature-Based Measure for Retargeted Image Quality. *IEEE Transactions on Image Processing*, **2018**, 27, 451-463	8.7	30
350	. *IEEE Transactions on Multimedia*, **2018**, 20, 914-926	6.6	59
349	. *IEEE Transactions on Multimedia*, **2018**, 20, 659-674	6.6	17
348	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
347	Recurrent Air Quality Predictor Based on Meteorology- and Pollution-Related Factors. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 3946-3955	11.9	52
346	Learning a referenceless stereopair quality engine with deep nonnegativity constrained sparse autoencoder. *Pattern Recognition*, **2018**, 76, 242-255	7.7	24
345	Measuring Individual Video QoE. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2018**, 14, 1-24	3.4	15
344	Rate-Distortion Optimized Sparse Coding With Ordered Dictionary for Image Set Compression. *IEEE Transactions on Circuits and Systems for Video Technology*, **2018**, 28, 3387-3397	6.4	14

343	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2018**, 28, 3141-3153	6.4	6
342	Who Likes What and, Why? Insights into Modeling Users Personality Based on Image Likes *IEEE Transactions on Affective Computing*, **2018**, 9, 130-143	5.7	14
341	Objective Quality Assessment and Perceptual Compression of Screen Content Images. *IEEE Computer Graphics and Applications*, **2018**, 38, 47-58	1.7	53
340	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	6.4	18
339	Reduced-Reference Quality Assessment of Screen Content Images. *IEEE Transactions on Circuits and Systems for Video Technology*, **2018**, 28, 1-14	6.4	64
338	Learning Sparse Representation for Objective Image Retargeting Quality Assessment. *IEEE Transactions on Cybernetics*, **2018**, 48, 1276-1289	10.2	28
337	Learning a No-Reference Quality Assessment Model of Enhanced Images With Big Data. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 1301-1313	10.3	214
336	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
335	Just Noticeable Difference for natural images using RMS contrast and feed-back mechanism. *Neurocomputing*, **2018**, 275, 366-376	5.4	11
334	Benchmarking Screen Content Image Quality Evaluation in Spatial Psychovisual Modulation Display System. *Lecture Notes in Computer Science*, **2018**, 629-640	0.9	1
333	Deep Visual Saliency on Stereoscopic Images. *IEEE Transactions on Image Processing*, **2018**,	8.7	13
332	Pyramidal modeling of geometric distortions for retargeted image quality evaluation. *Multimedia Tools and Applications*, **2018**, 77, 13799-13820	2.5	4
331	Learning Markov Clustering Networks for Scene Text Detection **2018**,		53
330	A novel distortion criterion of rate-distortion optimization for depth map coding. *Journal of Visual Communication and Image Representation*, **2018**, 54, 145-154	2.7	3
329	Robustness Analysis of Pedestrian Detectors for Surveillance. *IEEE Access*, **2018**, 6, 28890-28902	3.5	3
328	A ParaBoost Method to Image Quality Assessment. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 107-121	10.3	35
327	NMF-Based Image Quality Assessment Using Extreme Learning Machine. *IEEE Transactions on Cybernetics*, **2017**, 47, 232-243	10.2	61
326	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2017**, 27, 1833-1843	6.4	20

325	No-Reference Quality Metric of Contrast-Distorted Images Based on Information Maximization. *IEEE Transactions on Cybernetics*, **2017**, 47, 4559-4565	10.2	184
324	A Fast Reliable Image Quality Predictor by Fusing Micro- and Macro-Structures. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 3903-3912	8.9	167
323	Just-Noticeable Difference-Based Perceptual Optimization for JPEG Compression. *IEEE Signal Processing Letters*, **2017**, 24, 96-100	3.2	37
322	3DHoPD: A Fast Low-Dimensional 3-D Descriptor. *IEEE Robotics and Automation Letters*, **2017**, 2, 1472-1479	4.2	14
321	Effective visual tracking by pairwise metric learning. *Neurocomputing*, **2017**, 261, 266-275	5.4	6
320	Learning visual saliency from human fixations for stereoscopic images. *Neurocomputing*, **2017**, 266, 284-292	5.4	8
319	. *IEEE Access*, **2017**, 5, 4690-4703	3.5	2
318	. *IEEE Transactions on Multimedia*, **2017**, 19, 1821-1836	6.6	20
317	Enhanced Just Noticeable Difference Model for Images With Pattern Complexity. *IEEE Transactions on Image Processing*, **2017**, 26, 2682-2693	8.7	79
316	Performance Evaluation of Visual Tracking Algorithms on Video Sequences With Quality Degradation. *IEEE Access*, **2017**, 5, 2430-2441	3.5	16
315	. *IEEE Transactions on Multimedia*, **2017**, 19, 1030-1040	6.6	80
314	Quality assessment of retargeted images by salient region deformity analysis. *Journal of Visual Communication and Image Representation*, **2017**, 43, 108-118	2.7	17
313	B-SHOT: a binary 3D feature descriptor for fast Keypoint matching on 3D point clouds. *Autonomous Robots*, **2017**, 41, 1501-1520	3	16
312	Image Quality Assessment Based on Local Linear Information and Distortion-Specific Compensation. *IEEE Transactions on Image Processing*, **2017**, 26, 915-926	8.7	26
311	Low Bit-rate 3D feature descriptors for depth data from Kinect-style sensors. *Signal Processing: Image Communication*, **2017**, 51, 40-49	2.8	
310	Optimising ensemble combination based on maximisation of diversity. *Electronics Letters*, **2017**, 53, 1042-1044	1.1	3
309	Studying Personality through the Content of Posted and Liked Images on Twitter **2017**,		21
308	Unified Blind Quality Assessment of Compressed Natural, Graphic, and Screen Content Images. *IEEE Transactions on Image Processing*, **2017**, 26, 5462-5474	8.7	116

307	High-Efficiency Image Coding via Near-Optimal Filtering. *IEEE Signal Processing Letters*, **2017**, 24, 1403-1407	3.7	9
306	QoE-Guided Warping for Stereoscopic Image Retargeting. *IEEE Transactions on Image Processing*, **2017**, 26, 4790-4805	8.7	33
305	A Data-Driven Point Cloud Simplification Framework for City-Scale Image-Based Localization. *IEEE Transactions on Image Processing*, **2017**, 26, 262-275	8.7	16
304	Toward Simultaneous Visual Comfort and Depth Sensation Optimization for Stereoscopic 3-D Experience. *IEEE Transactions on Cybernetics*, **2017**, 47, 4521-4533	10.2	15
303	. *IEEE Transactions on Multimedia*, **2017**, 19, 93-106	6.6	21
302	Salient object detection with spatiotemporal background priors for video. *IEEE Transactions on Image Processing*, **2017**, 26, 3425-3436	8.7	44
301	BSD: Blind image quality assessment based on structural degradation. *Neurocomputing*, **2017**, 236, 93-103	3.4	47
300	Hierarchical Feature Degradation Based Blind Image Quality Assessment **2017**,		7
299	No-reference image quality assessment with orientation selectivity mechanism **2017**,		1
298	Using multiscale analysis for blind quality assessment of DIBR-synthesized images **2017**,		5
297	Subjective and objective quality evaluation of sonar images for underwater acoustic transmission **2017**,		7
296	CVIQD: Subjective quality evaluation of compressed virtual reality images **2017**,		21
295	On creating low dimensional 3D feature descriptors with PCA **2017**,		2
294	Facial action recognition using very deep networks for highly imbalanced class distribution **2017**,		6
293	No-Reference Quality Assessment of Screen Content Pictures. *IEEE Transactions on Image Processing*, **2017**, 26, 4005-4018	8.7	151
292	The Analysis of Image Contrast: From Quality Assessment to Automatic Enhancement. *IEEE Transactions on Cybernetics*, **2016**, 46, 284-97	10.2	243
291	Saliency-based stereoscopic image retargeting. *Information Sciences*, **2016**, 372, 347-358	7.7	22
290	. *IEEE Transactions on Multimedia*, **2016**, 18, 2457-2469	6.6	98

289	Pairwise comparison and rank learning for image quality assessment. *Displays*, **2016**, 44, 21-26	3.4	12
288	. *IEEE Transactions on Multimedia*, **2016**, 18, 1783-1795	6.6	82
287	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
286	. *IEEE Transactions on Multimedia*, **2016**, 18, 2104-2114	6.6	36
285	Personalizing User Interfaces for improving quality of experience in VoD recommender systems **2016**,		5
284	Low-Rank Decomposition-Based Restoration of Compressed Images via Adaptive Noise Estimation. *IEEE Transactions on Image Processing*, **2016**, 25, 4158-4171	8.7	36
283	Aspect Ratio Similarity (ARS) for image retargeting quality assessment **2016**,		6
282	. *IEEE Transactions on Multimedia*, **2016**, 18, 1796-1807	6.6	25
281	Detecting keypoint sets on 3D point clouds via Histogram of Normal Orientations. *Pattern Recognition Letters*, **2016**, 83, 42-48	4.7	6
280	A benchmark for robustness analysis of visual tracking algorithms **2016**,		4
279	Orientation selectivity based visual pattern for reduced-reference image quality assessment. *Information Sciences*, **2016**, 351, 18-29	7.7	61
278	Just Noticeable Difference Estimation for Screen Content Images. *IEEE Transactions on Image Processing*, **2016**, 25, 3838-51	8.7	52
277	Sparse Representation-Based Image Quality Index With Adaptive Sub-Dictionaries. *IEEE Transactions on Image Processing*, **2016**, 25, 3775-86	8.7	29
276	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2016**, 1-1	6.4	14
275	No-Reference Image Blur Assessment Based on Discrete Orthogonal Moments. *IEEE Transactions on Cybernetics*, **2016**, 46, 39-50	10.2	172
274	Cross-Examination for Angle-Closure Glaucoma Feature Detection. *IEEE Journal of Biomedical and Health Informatics*, **2016**, 20, 343-54	7.2	24
273	. *IEEE Transactions on Multimedia*, **2016**, 18, 219-232	6.6	48
272	Stereoscopic Visual Attention Guided Seam Carving for Stereoscopic Image Retargeting. *Journal of Display Technology*, **2016**, 12, 22-30		22

271	No-reference quality assessment of deblocked images. *Neurocomputing*, **2016**, 177, 572-584	5.4	69
270	An Energy-Constrained Video Retargeting Approach for Color-Plus-Depth 3D Video. *Journal of Display Technology*, **2016**, 12, 491-499		2
269	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	6.9	6
268	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
267	Learning a blind quality evaluation engine of screen content images. *Neurocomputing*, **2016**, 196, 140-149	5.4	78
266	. *IEEE Transactions on Multimedia*, **2016**, 18, 590-602	6.6	27
265	On Predicting Visual Comfort of Stereoscopic Images: A Learning to Rank Based Approach. *IEEE Signal Processing Letters*, **2016**, 23, 302-306	3.2	24
264	Learning ECOC Code Matrix for Multiclass Classification with Application to Glaucoma Diagnosis. *Journal of Medical Systems*, **2016**, 40, 78	5.1	23
263	Low-Complexity Depth Coding by Depth Sensitivity Aware Rate-Distortion Optimization. *IEEE Transactions on Broadcasting*, **2016**, 62, 94-102	4.7	8
262	Analysis of Distortion Distribution for Pooling in Image Quality Prediction. *IEEE Transactions on Broadcasting*, **2016**, 62, 446-456	4.7	116
261	. *IEEE Transactions on Multimedia*, **2016**, 18, 432-443	6.6	114
260	No-Reference Quality Assessment for Multiply-Distorted Images in Gradient Domain. *IEEE Signal Processing Letters*, **2016**, 23, 541-545	3.2	127
259	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
258	No-reference Image Quality Assessment Based on Structural and Luminance Information. *Lecture Notes in Computer Science*, **2016**, 301-312	0.9	2
257	Learning Receptive Fields and Quality Lookups for Blind Quality Assessment of Stereoscopic Images. *IEEE Transactions on Cybernetics*, **2016**, 46, 730-43	10.2	37
256	Understanding Deep Representations Learned in Modeling Users Likes. *IEEE Transactions on Image Processing*, **2016**, 25, 3762-74	8.7	7
255	Backward Registration-Based Aspect Ratio Similarity for Image Retargeting Quality Assessment. *IEEE Transactions on Image Processing*, **2016**, 25, 4286-4297	8.7	47
254	Audio and face video emotion recognition in the wild using deep neural networks and small datasets **2016**,		24

253	Transform-domain in-loop filter with block similarity for HEVC **2016**,		2
252	Mobile acoustic Emotion Recognition **2016**,		3
251	Efficient Lagrange multiplier selection algorithm for depth maps coding. *Electronics Letters*, **2016**, 52, 1681-1683	1.1	3
250	Quality assessment for image super-resolution based on energy change and texture variation **2016**,		4
249	Quality Assessment and Perception in Computer Graphics. *IEEE Computer Graphics and Applications*, **2016**, 36, 21-22	1.7	1
248	Detection and estimation of supra-threshold distortion levels of pictures based on just-noticeable difference **2016**,		1
247	Quality assessment of 3D synthesized images via disoccluded region discovery **2016**,		10
246	Automated anterior segment OCT image analysis for Angle Closure Glaucoma mechanisms classification. *Computer Methods and Programs in Biomedicine*, **2016**, 130, 65-75	6.9	29
245	. *IEEE Transactions on Multimedia*, **2016**, 18, 1085-1097	6.6	83
244	Visual structural degradation based reduced-reference image quality assessment. *Signal Processing: Image Communication*, **2016**, 47, 16-27	2.8	14
243	. *IEEE Transactions on Multimedia*, **2016**, 18, 1098-1110	6.6	189
242	Color image quality assessment based on sparse representation and reconstruction residual. *Journal of Visual Communication and Image Representation*, **2016**, 38, 550-560	2.7	16
241	No-reference image quality assessment based on high order derivatives **2016**,		7
240	Enhanced just noticeable difference model with visual regularity consideration **2016**,		11
239	Exploiting entropy masking in perceptual graphic rendering. *Signal Processing: Image Communication*, **2015**, 33, 1-13	2.8	7
238	No-reference image sharpness assessment in autoregressive parameter space. *IEEE Transactions on Image Processing*, **2015**, 24, 3218-31	8.7	193
237	. *IEEE Transactions on Multimedia*, **2015**, 17, 1125-1136	6.6	29
236	Visual Saliency Detection With Free Energy Theory. *IEEE Signal Processing Letters*, **2015**, 22, 1552-1555	3.2	65

235	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
234	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
233	Using Binocular Feature Combination for Blind Quality Assessment of Stereoscopic Images. *IEEE Signal Processing Letters*, **2015**, 22, 1548-1551	3.2	32
232	Visual acuity inspired saliency detection by using sparse features. *Information Sciences*, **2015**, 309, 1-10	7.7	19
231	Image retargeting quality assessment based on support vector regression. *Signal Processing: Image Communication*, **2015**, 39, 444-456	2.8	18
230	Dense correspondence based prediction for image set compression **2015**,		4
229	A closed-form estimate of 3D ICP covariance **2015**,		23
228	. *IEEE Transactions on Multimedia*, **2015**, 17, 2174-2184	6.6	20
227	Cloud Based Image Contrast Enhancement **2015**,		2
226	Gradient-weighted structural similarity for image quality assessments **2015**,		3
225	Visual Orientation Selectivity Based Structure Description. *IEEE Transactions on Image Processing*, **2015**, 24, 4602-13	8.7	52
224	A Patch-Structure Representation Method for Quality Assessment of Contrast Changed Images. *IEEE Signal Processing Letters*, **2015**, 22, 2387-2390	3.2	164
223	Video Compression Artifact Reduction via Spatio-Temporal Multi-Hypothesis Prediction. *IEEE Transactions on Image Processing*, **2015**, 24, 6048-61	8.7	27
222	Screen image quality assessment incorporating structural degradation measurement **2015**,		32
221	Perceptual Quality Assessment of Screen Content Images. *IEEE Transactions on Image Processing*, **2015**, 24, 4408-21	8.7	136
220	Dominant SIFT: A novel compact descriptor **2015**,		4
219	Metrics Fusion. *Springer Briefs in Electrical and Computer Engineering*, **2015**, 93-122	0.4	
218	Incremental low-rank and sparse decomposition for compressing videos captured by fixed cameras. *Journal of Visual Communication and Image Representation*, **2015**, 26, 338-348	2.7	13

217	No-reference hybrid video quality assessment based on partial least squares regression. *Multimedia Tools and Applications*, **2015**, 74, 10277-10290	2.5	7
216	Subjective quality evaluation of compressed digital compound images. *Journal of Visual Communication and Image Representation*, **2015**, 26, 105-114	2.7	9
215	Modelling Human Factors in Perceptual Multimedia Quality **2015**,		18
214	Review of Existing Objective QoE Methodologies **2015**, 29-67		4
213	Methods for Image Quality Assessment **2015**, 1-11		2
212	Do Others Perceive You As You Want Them To? **2015**,		20
211	Nonlocal Adaptive In-Loop Filter via Content-Dependent Soft-Thresholding for HEVC **2015**,		6
210	Performance scoring of singing voice **2015**,		1
209	Compression noise estimation and reduction via patch clustering **2015**,		8
208	Rate-distortion based sparse coding for image set compression **2015**,		5
207	Facial Scanning With a Digital Camera: A Novel Way of Screening for Primary Angle Closure. *Journal of Glaucoma*, **2015**, 24, 522-6	2.1	2
206	Retargeted Image Quality Assessment: Current Progresses and Future Trends **2015**, 213-242		1
205	Reliable feature selection for automated angle closure glaucoma mechanism detection. *Journal of Medical Systems*, **2015**, 39, 21	5.1	14
204	Full-reference quality assessment of stereoscopic images by learning binocular receptive field properties. *IEEE Transactions on Image Processing*, **2015**, 24, 2971-83	8.7	94
203	**2015**,		8
202	Observation model based perceptually motivated bilateral filter for image reconstruction **2015**,		2
201	**2015**,		15
200	**2015**,		4

199	An inter-image redundancy measure for image set compression **2015**,		12
198	Multi-task rank learning for image quality assessment **2015**,		3
197	B-SHOT: A binary feature descriptor for fast and efficient keypoint matching on 3D point clouds **2015**,		18
196	A general histogram modification framework for efficient contrast enhancement **2015**,		7
195	Reduced-reference image quality assessment with orientation selectivity based visual pattern **2015** ,		2
194	3D point cloud simplification for image-based localization **2015**,		1
193	Perceptual screen content image quality assessment and compression **2015**,		17
192	Culturing fibroblasts in 3D human hair keratin hydrogels. *ACS Applied Materials & Interfaces*, **2015**, 7, 5187-98	9.5	71
191	Scale and orientation invariant text segmentation for born-digital compound images. *IEEE Transactions on Cybernetics*, **2015**, 45, 533-47	10.2	23
190	Feature Pooling by Learning. *Springer Briefs in Electrical and Computer Engineering*, **2015**, 67-91	0.4	
189	Improved Salient Object Detection Based on Background Priors. *Lecture Notes in Computer Science*, **2015**, 411-420	0.9	1
188	Image Features and Feature Processing. *Springer Briefs in Electrical and Computer Engineering*, **2015**, 37-65	0.4	
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