Weisi Lin

List of Publications by Year
in descending order

463 papers	19,714 citations	10389 72 h-index	17105 122 g-index
477 all docs	477 docs citations	477 times ranked	7785 citing authors

#	Article	IF	Citations
1	Adjacent Context Coordination Network for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Cybernetics, 2023, 53, 526-538.	9.5	47
2	Interaction-Matrix Based Personalized Image Aesthetics Assessment. IEEE Transactions on Multimedia, 2023, 25, 5263-5278.	7.2	9
3	Progress and Opportunities in Modelling Just-Noticeable Difference (JND) for Multimedia. IEEE Transactions on Multimedia, 2022, 24, 3706-3721.	7.2	12
4	Just Noticeable Difference for Deep Machine Vision. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3452-3461.	8.3	9
5	Unified Information Fusion Network for Multi-Modal RGB-D and RGB-T Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2091-2106.	8.3	72
6	LGGD+: Image Retargeting Quality Assessment by Measuring Local and Global Geometric Distortions. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3422-3437.	8.3	11
7	Voxel Structure-Based Mesh Reconstruction From a 3D Point Cloud. IEEE Transactions on Multimedia, 2022, 24, 1815-1829.	7.2	23
8	Occupancy Map Guided Fast Video-Based Dynamic Point Cloud Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 813-825.	8.3	26
9	StereoARS: Quality Evaluation for Stereoscopic Image Retargeting With Binocular Inconsistency Detection. IEEE Transactions on Broadcasting, 2022, 68, 43-57.	3.2	8
10	Fine-Grained Image Quality Assessment: A Revisit and Further Thinking. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2746-2759.	8.3	8
11	Multi-Content Complementation Network for Salient Object Detection in Optical Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	28
12	Lightweight Salient Object Detection in Optical Remote Sensing Images via Feature Correlation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	27
13	Single Image Super-Resolution Quality Assessment: A Real-World Dataset, Subjective Studies, and an Objective Metric. IEEE Transactions on Image Processing, 2022, 31, 2279-2294.	9.8	49
14	A no-Reference Stereoscopic Image Quality Assessment Network Based on Binocular Interaction and Fusion Mechanisms. IEEE Transactions on Image Processing, 2022, 31, 3066-3080.	9.8	15
15	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
16	Toward Top-Down Just Noticeable Difference Estimation of Natural Images. IEEE Transactions on Image Processing, 2022, 31, 3697-3712.	9.8	15
17	Intrinsic and Isotropic Resampling for 3D Point Clouds. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-18.	13.9	7
18	Distilling Knowledge From Object Classification to Aesthetics Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7386-7402.	8.3	16

#	Article	IF	Citations
19	SRInpaintor: When Super-Resolution Meets Transformer for Image Inpainting. IEEE Transactions on Computational Imaging, 2022, 8, 743-758.	4.4	3
20	Blind image quality prediction with hierarchical feature aggregation. Information Sciences, 2021, 552, 167-182.	6.9	7
21	End-to-End Ensemble Learning by Exploiting the Correlation Between Individuals and Weights. IEEE Transactions on Cybernetics, 2021, 51, 2835-2846.	9.5	7
22	Temporal Reasoning Guided QoE Evaluation for Mobile Live Video Broadcasting. IEEE Transactions on Image Processing, 2021, 30, 3279-3292.	9.8	13
23	Blind Image Quality Assessment With Active Inference. IEEE Transactions on Image Processing, 2021, 30, 3650-3663.	9.8	50
24	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
25	Approximate Intrinsic Voxel Structure for Point Cloud Simplification. IEEE Transactions on Image Processing, 2021, 30, 7241-7255.	9.8	22
26	Hierarchical Alternate Interaction Network for RGB-D Salient Object Detection. IEEE Transactions on Image Processing, 2021, 30, 3528-3542.	9.8	157
27	Collaborative Intelligence: Challenges and Opportunities. , 2021, , .		15
28	Bi-disparity sparse feature learning for 3D visual discomfort prediction. Signal Processing, 2021, 188, 108179.	3.7	5
29	Fine-Grained Patch Segmentation and Rasterization for 3-D Point Cloud Attribute Compression. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4590-4602.	8.3	6
30	Progressive Self-Guided Loss for Salient Object Detection. IEEE Transactions on Image Processing, 2021, 30, 8426-8438.	9.8	35
31	Multiscale Natural Scene Statistical Analysis for No-Reference Quality Evaluation of DIBR-Synthesized Views. IEEE Transactions on Broadcasting, 2020, 66, 127-139.	3.2	52
32	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.	8.3	28
33	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.	6.1	20
34	Deep Dual-Channel Neural Network for Image-Based Smoke Detection. IEEE Transactions on Multimedia, 2020, 22, 311-323.	7.2	143
35	Toward Intelligent Sensing: Intermediate Deep Feature Compression. IEEE Transactions on Image Processing, 2020, 29, 2230-2243.	9.8	59
36	Salient Object Detection by Spatiotemporal and Semantic Features in Real-Time Video Processing Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 9893-9903.	7.9	8

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37	A Dilated Inception Network for Visual Saliency Prediction. IEEE Transactions on Multimedia, 2020, 22, 2163-2176.	7.2	94
38	Content-Dependency Reduction With Multi-Task Learning In Blind Stitched Panoramic Image Quality Assessment. , 2020, , .		11
39	Data Representation in Hybrid Coding Framework for Feature Maps Compression. , 2020, , .		6
40	End-to-End Blind Image Quality Prediction With Cascaded Deep Neural Network. IEEE Transactions on Image Processing, 2020, 29, 7414-7426.	9.8	113
41	Personality-Assisted Multi-Task Learning for Generic and Personalized Image Aesthetics Assessment. IEEE Transactions on Image Processing, 2020, 29, 3898-3910.	9.8	72
42	Rating Distribution and Personality Prediction for ImageAesthetics Assessment. , 2020, , .		0
43	From Technical to Aesthetics Quality Assessment and Beyond. , 2020, , .		0
44	Object-level Attention for Aesthetic Rating Distribution Prediction. , 2020, , .		17
45	Point Cloud Saliency Detection by Local and Global Feature Fusion. IEEE Transactions on Image Processing, 2019, 28, 5379-5393.	9.8	30
46	Separable KLT for Intra Coding in Versatile Video Coding (VVC). , 2019, , .		1
47	No-reference image quality assessment with visual pattern degradation. Information Sciences, 2019, 504, 487-500.	6.9	17
48	Quality Assessment for Video With Degradation Along Salient Trajectories. IEEE Transactions on Multimedia, 2019, 21, 2738-2749.	7.2	40
49	Beyond Ranking Loss: Deep Holographic Networks for Multi-Label Video Search. , 2019, , .		1
50	Lossy Intermediate Deep Learning Feature Compression and Evaluation. , 2019, , .		33
51	SGDNet. , 2019, , .		83
52	Range Image Based Point Cloud Colorization Using Conditional Generative Model. , 2019, , .		2
53	Pairwise-Comparison-Based Rank Learning for Benchmarking Image Restoration Algorithms. IEEE Transactions on Multimedia, 2019, 21, 2042-2056.	7.2	29
54	A Two-Stage Outlier Filtering Framework for City-Scale Localization Using 3D SfM Point Clouds. IEEE Transactions on Image Processing, 2019, 28, 4857-4869.	9.8	9

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55	Blind Quality Evaluator for Screen Content Images via Analysis of Structure. , 2019, , .		2
56	Context-aware Deep Learning for Multi-modal Depression Detection. , 2019, , .		42
57	Reference-Free Quality Assessment of Sonar Images via Contour Degradation Measurement. IEEE Transactions on Image Processing, 2019, 28, 5336-5351.	9.8	29
58	Signal-Independent Separable KLT by Offline Training for Video Coding. IEEE Access, 2019, 7, 33087-33093.	4.2	3
59	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.	2.8	18
60	Video Frame Synthesis via Plug-and-Play Deep Locally Temporal Embedding. IEEE Access, 2019, 7, 179304-179319.	4.2	0
61	Cascaded Parallel Filtering for Memory-Efficient Image-Based Localization. , 2019, , .		14
62	Towards Robust Curve Text Detection With Conditional Spatial Expansion. , 2019, , .		58
63	Visual-Attention-Based Pixel Dimming Technique for OLED Displays of Mobile Devices. IEEE Transactions on Industrial Electronics, 2019, 66, 7159-7167.	7.9	16
64	Visual-Quality Guided Global Backlight Dimming for Video Display on Mobile Devices. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3393-3403.	8.3	2
65	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.	11.3	41
66	Deep Visual Saliency on Stereoscopic Images. IEEE Transactions on Image Processing, 2019, 28, 1939-1953.	9.8	21
67	Blind image quality assessment based on joint log-contrast statistics. Neurocomputing, 2019, 331, 189-198.	5.9	18
68	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
69	Review of Visual Saliency Detection With Comprehensive Information. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2941-2959.	8.3	275
70	Fine-Grained Quality Assessment for Compressed Images. IEEE Transactions on Image Processing, 2019, 28, 1163-1175.	9.8	33
71	Which Has Better Visual Quality: The Clear Blue Sky or a Blurry Animal?. IEEE Transactions on Multimedia, 2019, 21, 1221-1234.	7.2	77
72	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.	9.3	8

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73	BLIQUE-TMI: Blind Quality Evaluator for Tone-Mapped Images Based on Local and Global Feature Analyses. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 323-335.	8.3	52
74	An Iterative Co-Saliency Framework for RGBD Images. IEEE Transactions on Cybernetics, 2019, 49, 233-246.	9.5	95
75	Survey of visual just noticeable difference estimation. Frontiers of Computer Science, 2019, 13, 4-15.	2.4	15
76	Predicting visual saliency via a dilated inception module-based model. , 2019, , .		1
77	Optimizing Multistage Discriminative Dictionaries for Blind Image Quality Assessment. IEEE Transactions on Multimedia, 2018, 20, 2035-2048.	7.2	179
78	Evaluating Quality of Screen Content Images Via Structural Variation Analysis. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2689-2701.	4.4	85
79	A Prediction Backed Model for Quality Assessment of Screen Content and 3-D Synthesized Images. IEEE Transactions on Industrial Informatics, 2018, 14, 652-660.	11.3	41
80	Multiple-Level Feature-Based Measure for Retargeted Image Quality. IEEE Transactions on Image Processing, 2018, 27, 451-463.	9.8	40
81	Quality Assessment of DIBR-Synthesized Images by Measuring Local Geometric Distortions and Global Sharpness. IEEE Transactions on Multimedia, 2018, 20, 914-926.	7.2	83
82	No-Reference View Synthesis Quality Prediction for 3-D Videos Based on Color–Depth Interactions. IEEE Transactions on Multimedia, 2018, 20, 659-674.	7.2	24
83	No Reference Quality Assessment for Screen Content Images With Both Local and Global Feature Representation. IEEE Transactions on Image Processing, 2018, 27, 1600-1610.	9.8	94
84	Recurrent Air Quality Predictor Based on Meteorology- and Pollution-Related Factors. IEEE Transactions on Industrial Informatics, 2018, 14, 3946-3955.	11.3	110
85	Learning a referenceless stereopair quality engine with deep nonnegativity constrained sparse autoencoder. Pattern Recognition, 2018, 76, 242-255.	8.1	27
86	Measuring Individual Video QoE. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-24.	4.3	27
87	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.	8.3	20
88	Optimal Region Selection for Stereoscopic Video Subtitle Insertion. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3141-3153.	8.3	7
89	'Who Likes What and, Why?' Insights into Modeling Users' Personality Based on Image 'Likes'. IEEE Transactions on Affective Computing, 2018, 9, 130-143.	8.3	26
90	Objective Quality Assessment and Perceptual Compression of Screen Content Images. IEEE Computer Graphics and Applications, 2018, 38, 47-58.	1.2	62

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91	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.	8.3	22
92	Reduced-Reference Quality Assessment of Screen Content Images. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1-14.	8.3	94
93	Learning Sparse Representation for Objective Image Retargeting Quality Assessment. IEEE Transactions on Cybernetics, 2018, 48, 1276-1289.	9.5	32
94	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.	11.3	321
95	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
96	Just Noticeable Difference for natural images using RMS contrast and feed-back mechanism. Neurocomputing, 2018, 275, 366-376.	5.9	18
97	Pyramidal modeling of geometric distortions for retargeted image quality evaluation. Multimedia Tools and Applications, 2018, 77, 13799-13820.	3.9	8
98	Learning Markov Clustering Networks for Scene Text Detection. , 2018, , .		76
99	Image Quality Assessment Based Label Smoothing in Deep Neural Network Learning. , 2018, , .		3
100	Visual Speech Emotion Conversion using Deep Learning for 3D Talking Head. , 2018, , .		1
101	A novel distortion criterion of rate-distortion optimization for depth map coding. Journal of Visual Communication and Image Representation, 2018, 54, 145-154.	2.8	3
102	Robustness Analysis of Pedestrian Detectors for Surveillance. IEEE Access, 2018, 6, 28890-28902.	4.2	3
103	Benchmarking Screen Content Image Quality Evaluation in Spatial Psychovisual Modulation Display System. Lecture Notes in Computer Science, 2018, , 629-640.	1.3	1
104	A ParaBoost Method to Image Quality Assessment. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 107-121.	11.3	71
105	NMF-Based Image Quality Assessment Using Extreme Learning Machine. IEEE Transactions on Cybernetics, 2017, 47, 232-243.	9.5	68
106	Multi-Task Rank Learning for Image Quality Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1833-1843.	8.3	32
107	No-Reference Quality Metric of Contrast-Distorted Images Based on Information Maximization. IEEE Transactions on Cybernetics, 2017, 47, 4559-4565.	9.5	278
108	A Fast Reliable Image Quality Predictor by Fusing Micro- and Macro-Structures. IEEE Transactions on Industrial Electronics, 2017, 64, 3903-3912.	7.9	202

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109	Just-Noticeable Difference-Based Perceptual Optimization for JPEG Compression. IEEE Signal Processing Letters, 2017, 24, 96-100.	3.6	49
110	3DHoPD: A Fast Low-Dimensional 3-D Descriptor. IEEE Robotics and Automation Letters, 2017, 2, 1472-1479.	5.1	25
111	Effective visual tracking by pairwise metric learning. Neurocomputing, 2017, 261, 266-275.	5.9	6
112	Learning visual saliency from human fixations for stereoscopic images. Neurocomputing, 2017, 266, 284-292.	5.9	10
113	Object Tracking Based on Stable Feature Mining Using Intraframe Clustering and Interframe Association. IEEE Access, 2017, 5, 4690-4703.	4.2	3
114	Learning Sparse Representation for No-Reference Quality Assessment of Multiply Distorted Stereoscopic Images. IEEE Transactions on Multimedia, 2017, 19, 1821-1836.	7.2	22
115	Enhanced Just Noticeable Difference Model for Images With Pattern Complexity. IEEE Transactions on Image Processing, 2017, 26, 2682-2693.	9.8	118
116	Performance Evaluation of Visual Tracking Algorithms on Video Sequences With Quality Degradation. IEEE Access, 2017, 5, 2430-2441.	4.2	21
117	No-Reference and Robust Image Sharpness Evaluation Based on Multiscale Spatial and Spectral Features. IEEE Transactions on Multimedia, 2017, 19, 1030-1040.	7.2	115
118	Quality assessment of retargeted images by salient region deformity analysis. Journal of Visual Communication and Image Representation, 2017, 43, 108-118.	2.8	20
119	B-SHOT: a binary 3D feature descriptor for fast Keypoint matching on 3D point clouds. Autonomous Robots, 2017, 41, 1501-1520.	4.8	27
120	Image Quality Assessment Based on Local Linear Information and Distortion-Specific Compensation. IEEE Transactions on Image Processing, 2017, 26, 915-926.	9.8	39
121	Low Bit-rate 3D feature descriptors for depth data from Kinect-style sensors. Signal Processing: Image Communication, 2017, 51, 40-49.	3.2	0
122	Optimising ensemble combination based on maximisation of diversity. Electronics Letters, 2017, 53, 1042-1044.	1.0	3
123	Studying Personality through the Content of Posted and Liked Images on Twitter. , 2017, , .		36
124	Unified Blind Quality Assessment of Compressed Natural, Graphic, and Screen Content Images. IEEE Transactions on Image Processing, 2017, 26, 5462-5474.	9.8	185
125	High-Efficiency Image Coding via Near-Optimal Filtering. IEEE Signal Processing Letters, 2017, 24, 1403-1407.	3.6	11
126	QoE-Guided Warping for Stereoscopic Image Retargeting. IEEE Transactions on Image Processing, 2017, 26, 4790-4805.	9.8	37

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127	A Data-Driven Point Cloud Simplification Framework for City-Scale Image-Based Localization. IEEE Transactions on Image Processing, 2017, 26, 262-275.	9.8	25
128	Toward Simultaneous Visual Comfort and Depth Sensation Optimization for Stereoscopic 3-D Experience. IEEE Transactions on Cybernetics, 2017, 47, 4521-4533.	9.5	20
129	Maximum a Posterior and Perceptually Motivated Reconstruction Algorithm: A Generic Framework. IEEE Transactions on Multimedia, 2017, 19, 93-106.	7.2	24
130	Salient Object Detection With Spatiotemporal Background Priors for Video. IEEE Transactions on Image Processing, 2017, 26, 3425-3436.	9.8	68
131	BSD: Blind image quality assessment based on structural degradation. Neurocomputing, 2017, 236, 93-103.	5.9	54
132	Hierarchical Feature Degradation Based Blind Image Quality Assessment. , 2017, , .		14
133	No-reference image quality assessment with orientation selectivity mechanism. , 2017, , .		1
134	Using multiscale analysis for blind quality assessment of DIBR-synthesized images. , 2017, , .		8
135	Subjective and objective quality evaluation of sonar images for underwater acoustic transmission. , 2017, , .		14
136	CVIQD: Subjective quality evaluation of compressed virtual reality images. , 2017, , .		32
137	On creating low dimensional 3D feature descriptors with PCA. , 2017, , .		4
138	Saliency change based reduced reference image quality assessment. , 2017, , .		5
139	Facial action recognition using very deep networks for highly imbalanced class distribution. , 2017, , .		14
140	No-Reference Quality Assessment of Screen Content Pictures. IEEE Transactions on Image Processing, 2017, 26, 4005-4018.	9.8	210
141	Understanding Deep Representations Learned in Modeling Users Likes. IEEE Transactions on Image Processing, 2016, 25, 3762-3774.	9.8	11
142	Backward Registration-Based Aspect Ratio Similarity for Image Retargeting Quality Assessment. IEEE Transactions on Image Processing, 2016, 25, 4286-4297.	9.8	58
143	Audio and face video emotion recognition in the wild using deep neural networks and small datasets. , 2016, , .		30
144	Transform-domain in-loop filter with block similarity for HEVC. , 2016, , .		2

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145	Mobile acoustic Emotion Recognition. , 2016, , .		10
146	Efficient Lagrange multiplier selection algorithm for depth maps coding. Electronics Letters, 2016, 52, 1681-1683.	1.0	3
147	Quality assessment for image super-resolution based on energy change and texture variation. , 2016, , .		5
148	No-reference image quality assessment based on local region statistics. , 2016, , .		2
149	Quality Assessment and Perception in Computer Graphics. IEEE Computer Graphics and Applications, 2016, 36, 21-22.	1.2	1
150	Detection and estimation of supra-threshold distortion levels of pictures based on just-noticeable difference. , 2016, , .		1
151	Quality assessment of 3D synthesized images via disoccluded region discovery. , 2016, , .		12
152	Automated anterior segment OCT image analysis for Angle Closure Glaucoma mechanisms classification. Computer Methods and Programs in Biomedicine, 2016, 130, 65-75.	4.7	35
153	Image Sharpness Assessment by Sparse Representation. IEEE Transactions on Multimedia, 2016, 18, 1085-1097.	7.2	111
154	Visual structural degradation based reduced-reference image quality assessment. Signal Processing: Image Communication, 2016, 47, 16-27.	3.2	17
155	Saliency-Guided Quality Assessment of Screen Content Images. IEEE Transactions on Multimedia, 2016, 18, 1098-1110.	7.2	243
156	Color image quality assessment based on sparse representation and reconstruction residual. Journal of Visual Communication and Image Representation, 2016, 38, 550-560.	2.8	17
157	No-reference image quality assessment based on high order derivatives. , 2016, , .		11
158	Enhanced just noticeable difference model with visual regularity consideration. , 2016, , .		17
159	Saliency-based stereoscopic image retargeting. Information Sciences, 2016, 372, 347-358.	6.9	26
160	Blind Image Quality Assessment Using Statistical Structural and Luminance Features. IEEE Transactions on Multimedia, 2016, 18, 2457-2469.	7.2	138
161	Pairwise comparison and rank learning for image quality assessment. Displays, 2016, 44, 21-26.	3.7	14
162	A Universal Framework for Salient Object Detection. IEEE Transactions on Multimedia, 2016, 18, 1783-1795.	7.2	129

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163	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.	3.6	71
164	Quality assessment of contrast-altered images. , 2016, , .		0
165	Learning Blind Quality Evaluator for Stereoscopic Images Using Joint Sparse Representation. IEEE Transactions on Multimedia, 2016, 18, 2104-2114.	7.2	42
166	Personalizing User Interfaces for improving quality of experience in VoD recommender systems. , 2016, , .		8
167	Low-Rank Decomposition Based Restoration of Compressed Images via Adaptive Noise Estimation. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	47
168	Aspect Ratio Similarity (ARS) for image retargeting quality assessment. , 2016, , .		11
169	Do Personality and Culture Influence Perceived Video Quality and Enjoyment?. IEEE Transactions on Multimedia, 2016, 18, 1796-1807.	7.2	34
170	Detecting keypoint sets on 3D point clouds via Histogram of Normal Orientations. Pattern Recognition Letters, 2016, 83, 42-48.	4.2	19
171	A benchmark for robustness analysis of visual tracking algorithms. , 2016, , .		4
172	Orientation selectivity based visual pattern for reduced-reference image quality assessment. Information Sciences, 2016, 351, 18-29.	6.9	81
173	Just Noticeable Difference Estimation for Screen Content Images. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	67
174	Sparse Representation Based Image Quality Index with Adaptive Sub-Dictionaries. IEEE Transactions on Image Processing, 2016, 25, 1-1.	9.8	36
175	Low-Rank based Nonlocal Adaptive Loop Filter for High Efficiency Video Compression. IEEE Transactions on Circuits and Systems for Video Technology, 2016, , 1-1.	8.3	22
176	No-Reference Image Blur Assessment Based on Discrete Orthogonal Moments. IEEE Transactions on Cybernetics, 2016, 46, 39-50.	9.5	224
177	Cross-Examination for Angle-Closure Glaucoma Feature Detection. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 343-354.	6.3	39
178	Guided Image Contrast Enhancement Based on Retrieved Images in Cloud. IEEE Transactions on Multimedia, 2016, 18, 219-232.	7.2	51
179	Stereoscopic Visual Attention Guided Seam Carving for Stereoscopic Image Retargeting. Journal of Display Technology, 2016, 12, 22-30.	1.2	25
180	No-reference quality assessment of deblocked images. Neurocomputing, 2016, 177, 572-584.	5.9	72

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182	Special issue on weakly supervised learning. Journal of Visual Communication and Image Representation, 2016, 37, 1-2.	2.8	1
183	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.	4.7	11
184	Models of Monocular and Binocular Visual Perception in Quality Assessment of Stereoscopic Images. IEEE Transactions on Computational Imaging, 2016, 2, 123-135.	4.4	31
185	Learning a blind quality evaluation engine of screen content images. Neurocomputing, 2016, 196, 140-149.	5.9	102
186	Free-Energy Principle Inspired Video Quality Metric and Its Use in Video Coding. IEEE Transactions on Multimedia, 2016, 18, 590-602.	7.2	35
187	On Predicting Visual Comfort of Stereoscopic Images: A Learning to Rank Based Approach. IEEE Signal Processing Letters, 2016, 23, 302-306.	3.6	32
188	Learning ECOC Code Matrix for Multiclass Classification with Application to Glaucoma Diagnosis. Journal of Medical Systems, 2016, 40, 78.	3.6	37
189	Low-Complexity Depth Coding by Depth Sensitivity Aware Rate-Distortion Optimization. IEEE Transactions on Broadcasting, 2016, 62, 94-102.	3.2	11
190	Analysis of Distortion Distribution for Pooling in Image Quality Prediction. IEEE Transactions on Broadcasting, 2016, 62, 446-456.	3.2	136
191	Blind Quality Assessment of Tone-Mapped Images Via Analysis of Information, Naturalness, and Structure. IEEE Transactions on Multimedia, 2016, 18, 432-443.	7.2	178
192	No-Reference Quality Assessment for Multiply-Distorted Images in Gradient Domain. IEEE Signal Processing Letters, 2016, 23, 541-545.	3.6	178
193	Toward a Blind Deep Quality Evaluator for Stereoscopic Images Based on Monocular and Binocular Interactions. IEEE Transactions on Image Processing, 2016, 25, 2059-2074.	9.8	70
194	No-reference Image Quality Assessment Based on Structural and Luminance Information. Lecture Notes in Computer Science, 2016, , 301-312.	1.3	2
195	Learning Receptive Fields and Quality Lookups for Blind Quality Assessment of Stereoscopic Images. IEEE Transactions on Cybernetics, 2016, 46, 730-743.	9.5	38
196	The Analysis of Image Contrast: From Quality Assessment to Automatic Enhancement. IEEE Transactions on Cybernetics, 2016, 46, 284-297.	9.5	325
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199	Nonlocal Adaptive In-Loop Filter via Content-Dependent Soft-Thresholding for HEVC. , 2015, , .		6
200	Performance scoring of singing voice. , 2015, , .		2
201	Compression noise estimation and reduction via patch clustering. , 2015, , .		8
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203	Facial Scanning With a Digital Camera. Journal of Glaucoma, 2015, 24, 522-526.	1.6	3
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