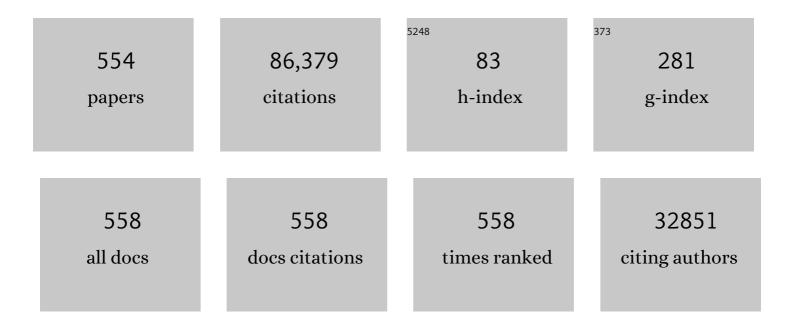
Alan Bovik

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Subjective and Objective Study of Space-Time Subsampled Video Quality. IEEE Transactions on Image Processing, 2022, 31, 934-948.	6.0	16
2	Learning to compress videos without computing motion. Signal Processing: Image Communication, 2022, 103, 116633.	1.8	3
3	Quality Aware Features for Performance Prediction and Time Reduction in Video Object Tracking. IEEE Access, 2022, 10, 13290-13310.	2.6	2
4	Study of the Subjective and Objective Quality of High Motion Live Streaming Videos. IEEE Transactions on Image Processing, 2022, 31, 1027-1041.	6.0	13
5	Subjective Quality Assessment of User-Generated Content Gaming Videos. , 2022, , .		5
6	Making Video Quality Assessment Models Sensitive to Frame Rate Distortions. IEEE Signal Processing Letters, 2022, 29, 897-901.	2.1	1
7	Image Quality Assessment using Synthetic Images. , 2022, , .		6
8	No-Reference Quality Assessment of Variable Frame-Rate Videos Using Temporal Bandpass Statistics. , 2022, , .		3
9	Video Quality Model of Compression, Resolution and Frame Rate Adaptation Based on Space-Time Regularities. IEEE Transactions on Image Processing, 2022, 31, 3644-3656.	6.0	2
10	Image Quality Assessment Using Contrastive Learning. IEEE Transactions on Image Processing, 2022, 31, 4149-4161.	6.0	55
11	FOVQA: Blind Foveated Video Quality Assessment. IEEE Transactions on Image Processing, 2022, 31, 4571-4584.	6.0	5
12	Blind image quality assessment in the contourlet domain. Signal Processing: Image Communication, 2021, 91, 116064.	1.8	14
13	ProxIQA: A Proxy Approach to Perceptual Optimization of Learned Image Compression. IEEE Transactions on Image Processing, 2021, 30, 360-373.	6.0	39
14	Subjective and Objective Quality Assessment of 2D and 3D Foveated Video Compression in Virtual Reality. IEEE Transactions on Image Processing, 2021, 30, 5905-5919.	6.0	19
15	ST-GREED: Space-Time Generalized Entropic Differences for Frame Rate Dependent Video Quality Prediction. IEEE Transactions on Image Processing, 2021, 30, 7446-7457.	6.0	28
16	Subjective and Objective Quality Assessment of High Frame Rate Videos. IEEE Access, 2021, 9, 108069-108082.	2.6	24
17	A Hitchhiker's Guide to Structural Similarity. IEEE Access, 2021, 9, 28872-28896.	2.6	28
18	RAPIQUE: Rapid and Accurate Video Quality Prediction of User Generated Content. IEEE Open Journal of Signal Processing, 2021, 2, 425-440.	2.3	82

#	Article	IF	CITATIONS
19	Predicting the Quality of Compressed Videos With Pre-Existing Distortions. IEEE Transactions on Image Processing, 2021, 30, 7511-7526.	6.0	16
20	Towards Perceptually Optimized Adaptive Video Streaming-A Realistic Quality of Experience Database. IEEE Transactions on Image Processing, 2021, 30, 5182-5197.	6.0	14
21	UGC-VQA: Benchmarking Blind Video Quality Assessment for User Generated Content. IEEE Transactions on Image Processing, 2021, 30, 4449-4464.	6.0	128
22	Perceptual Monocular Depth Estimation. Neural Processing Letters, 2021, 53, 1205-1228.	2.0	2
23	MOVI-Codec: Deep Video Compression without Motion. , 2021, , .		1
24	On the space-time statistics of motion pictures. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 908.	0.8	8
25	A Progressive Architecture for Learned Fractional Downsampling. , 2021, , .		3
26	High Frame Rate Video Quality Assessment using VMAF and Entropic Differences. , 2021, , .		4
27	Efficient User-Generated Video Quality Prediction. , 2021, , .		3
28	Assessment of Subjective and Objective Quality of Live Streaming Sports Videos. , 2021, , .		7
29	Evaluating Foveated Video Quality Using Entropic Differencing. , 2021, , .		2
30	Regression or classification? New methods to evaluate no-reference picture and video quality models. , 2021, , .		8
31	MoNET: no-reference image quality assessment based on a multi-depth output network. Journal of Electronic Imaging, 2021, 30, .	0.5	2
32	On visual masking estimation for adaptive quantization using steerable filters. Signal Processing: Image Communication, 2021, 96, 116290.	1.8	3
33	Video Quality Assessment of User Generated Content: A Benchmark Study and a New Model. , 2021, , .		5
34	A Temporal Statistics Model For UGC Video Quality Prediction. , 2021, , .		0
35	VR Sickness Versus VR Presence: A Statistical Prediction Model. IEEE Transactions on Image Processing, 2021, 30, 559-571.	6.0	23
36	ChipQA: No-Reference Video Quality Prediction via Space-Time Chips. IEEE Transactions on Image Processing, 2021, 30, 8059-8074.	6.0	22

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#	Article	IF	CITATIONS
37	Completely blind image quality assessment via contourlet energy statistics. IET Image Processing, 2021, 15, 443-453.	1.4	5
38	Patch-VQ: â€~Patching Up' the Video Quality Problem. , 2021, , .		64
39	A No-Reference Video Quality Assessment Model for Underwater Networks. IEEE Journal of Oceanic Engineering, 2020, 45, 342-346.	2.1	2
40	Blind Noisy Image Quality Assessment Using Sub-Band Kurtosis. IEEE Transactions on Cybernetics, 2020, 50, 1146-1156.	6.2	26
41	Study of 3D Virtual Reality Picture Quality. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 89-102.	7.3	32
42	Quality Measurement of Images on Mobile Streaming Interfaces Deployed at Scale. IEEE Transactions on Image Processing, 2020, 29, 2536-2551.	6.0	4
43	Seeing Through the Clouds With DeepWaterMap. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1662-1666.	1.4	35
44	Video quality assessment using space–time slice mappings. Signal Processing: Image Communication, 2020, 82, 115749.	1.8	15
45	A Local Flatness Based Variational Approach to Retinex. IEEE Transactions on Image Processing, 2020, 29, 7217-7232.	6.0	12
46	Blind Image Quality Assessment for Super Resolution via Optimal Feature Selection. IEEE Access, 2020, 8, 143201-143218.	2.6	14
47	From Patches to Pictures (PaQ-2-PiQ): Mapping the Perceptual Space of Picture Quality. , 2020, , .		116
48	Capturing Video Frame Rate Variations via Entropic Differencing. IEEE Signal Processing Letters, 2020, 27, 1809-1813.	2.1	9
49	Lewis Antigen Phenotype and Survival of Patients With Pancreatic Cancer. Pancreas, 2020, 49, 1348-1354.	0.5	6
50	System wide channel network analysis reveals hotspots of morphological change in anthropogenically modified regions of the Ganges Delta. Scientific Reports, 2020, 10, 12823.	1.6	19
51	A Comparative Evaluation Of Temporal Pooling Methods For Blind Video Quality Assessment. , 2020, , .		46
52	Adaptive Debanding Filter. IEEE Signal Processing Letters, 2020, 27, 1715-1719.	2.1	16
53	BBAND INDEX: A NO-REFERENCE BANDING ARTIFACT PREDICTOR. , 2020, , .		25
54	Dynamic Receptive Field Generation for Full-Reference Image Quality Assessment. IEEE Transactions on Image Processing, 2020, 29, 4219-4231.	6.0	31

#	Article	IF	CITATIONS
55	Corrections to "Study of 3D Virtual Reality Picture Quality―[Jan 20 89-102]. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 472-472.	7.3	1
56	Quality Prediction on Deep Generative Images. IEEE Transactions on Image Processing, 2020, 29, 5964-5979.	6.0	20
57	Day and Night-Time Dehazing by Local Airlight Estimation. IEEE Transactions on Image Processing, 2020, 29, 6264-6275.	6.0	57
58	Blind S3D image quality prediction using classical and non-classical receptive field models. Signal Processing: Image Communication, 2020, 87, 115915.	1.8	4
59	Study of Subjective and Objective Quality Assessment of Audio-Visual Signals. IEEE Transactions on Image Processing, 2020, 29, 6054-6068.	6.0	128
60	Learning to Distort Images Using Generative Adversarial Networks. IEEE Signal Processing Letters, 2020, 27, 2144-2148.	2.1	19
61	Video Quality Model for Space-Time Resolution Adaptation. , 2020, , .		4
62	Optimizing Video Quality Estimation Across Resolutions. , 2020, , .		0
63	No-Reference Video Quality Assessment Using Space-Time Chips. , 2020, , .		8
64	A Subjective and Objective Study of Stalling Events in Mobile Streaming Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 183-197.	5.6	81
65	Predicting the Quality of Images Compressed After Distortion in Two Steps. IEEE Transactions on Image Processing, 2019, 28, 5757-5770.	6.0	35
66	Spatio-Temporal Measures Of Naturalness. , 2019, , .		9
67	Predicting Detection Performance on Security X-Ray Images as a Function of Image Quality. IEEE Transactions on Image Processing, 2019, 28, 3328-3342.	6.0	13
68	Study of Subjective Quality and Objective Blind Quality Prediction of Stereoscopic Videos. IEEE Transactions on Image Processing, 2019, 28, 5027-5040.	6.0	30
69	Optimal Feature Selection for Blind Super-resolution Image Quality Evaluation. , 2019, , .		5
70	Making long-wave infrared face recognition robust against image quality degradations. Quantitative InfraRed Thermography Journal, 2019, 16, 218-242.	2.1	7
71	Perceptual Quality Assessment of Pan-Sharpened Images. Remote Sensing, 2019, 11, 877.	1.8	22
72	Spatiotemporal Feature Integration and Model Fusion for Full Reference Video Quality Assessment. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2256-2270.	5.6	78

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73	Image Statistic Models Characterize Well Log Image Quality. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1130-1134.	1.4	1
74	Characterization of Deltaic Channel Morphodynamics From Imagery Time Series Using the Channelized Response Variance. Journal of Geophysical Research F: Earth Surface, 2019, 124, 3022-3042.	1.0	10
75	Large-Scale Study of Perceptual Video Quality. IEEE Transactions on Image Processing, 2019, 28, 612-627.	6.0	154
76	Detecting and Mapping Video Impairments. IEEE Transactions on Image Processing, 2019, 28, 2680-2691.	6.0	6
77	Eye movements and visual discomfort when viewing stereoscopic 3D content. , 2019, 91, 41-53.		7
78	Cloud Detection in Satellite Images Based on Natural Scene Statistics and Gabor Features. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 608-612.	1.4	24
79	Towards a Closed Form Second-Order Natural Scene Statistics Model. IEEE Transactions on Image Processing, 2018, 27, 3194-3209.	6.0	15
80	Learning a Continuous-Time Streaming Video QoE Model. IEEE Transactions on Image Processing, 2018, 27, 2257-2271.	6.0	48
81	Recurrent and Dynamic Models for Predicting Streaming Video Quality of Experience. IEEE Transactions on Image Processing, 2018, 27, 3316-3331.	6.0	60
82	Learning a River Network Extractor Using an Adaptive Loss Function. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 813-817.	1.4	20
83	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.	5.6	84
84	Perceptual quality evaluation of synthetic pictures distorted by compression and transmission. Signal Processing: Image Communication, 2018, 61, 54-72.	1.8	11
85	Eye Movement Pattern Modeling and Visual Comfort Viewing S3D Images. , 2018, , .		2
86	Quality Assessment of Thumbnail and Billboard Images on Mobile Devices. , 2018, , .		1
87	Second Order Natural Scene Statistics Model of Blind Image Quality Assessment. , 2018, , .		5
88	On the Natural Statistics of Chromatic Images. , 2018, , .		2
89	Large Scale Subjective Video Quality Study. , 2018, , .		9

90 Artifact Detection Maps Learned using Shallow Convolutional Networks. , 2018, , .

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91	Natural Scene Statistics for Noise Estimation. , 2018, , .		11
92	Blind Image Quality Assessment with a Probabilistic Quality Representation. , 2018, , .		41
93	Enhancing Temporal Quality Measurements in a Globally Deployed Streaming Video Quality Predictor. , 2018, , .		4
94	Multivariate Statistical Approach to Image Quality Tasks. Journal of Imaging, 2018, 4, 117.	1.7	4
95	A Simple Prediction Fusion Improves Data-driven Full-Reference Video Quality Assessment Models. , 2018, , .		9
96	Detecting Source Video Artifacts with Supervised Sparse Filters. , 2018, , .		0
97	Multivariate Statistics for Blind Image Quality Applications. , 2018, , .		Ο
98	Feature-based prediction of streaming video QoE: Distortions, stalling and memory. Signal Processing: Image Communication, 2018, 68, 218-228.	1.8	26
99	Generalized Gaussian scale mixtures: A model for wavelet coefficients of natural images. Signal Processing: Image Communication, 2018, 66, 87-94.	1.8	13
100	Video quality assessment accounting for temporal visual masking of local flicker. Signal Processing: Image Communication, 2018, 67, 182-198.	1.8	23
101	Deep Visual Discomfort Predictor for Stereoscopic 3D Images. IEEE Transactions on Image Processing, 2018, 27, 5420-5432.	6.0	13
102	Modeling the Perceptual Quality of Immersive Images Rendered on Head Mounted Displays: Resolution and Compression. IEEE Transactions on Image Processing, 2018, 27, 6039-6050.	6.0	42
103	Optimizing Image Quality. , 2018, , 15-41.		4
104	Studying the Statistics of Natural X-ray Pictures. Journal of Testing and Evaluation, 2018, 46, 20170345.	0.4	10
105	Predicting 3D visual discomfort using natural scene statistics and a binocular model. , 2018, , .		Ο
106	Predicting the quality of images compressed after distortion in two steps. , 2018, , .		2
107	Multivariate Statistical Approach to Image Quality Tasks. Journal of Imaging, 2018, 4, .	1.7	0
108	RivaMap: An automated river analysis and mapping engine. Remote Sensing of Environment, 2017, 202, 88-97.	4.6	95

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109	Learning quality assessment of retargeted images. Signal Processing: Image Communication, 2017, 56, 12-19.	1.8	7
110	Predicting the Quality of Fused Long Wave Infrared and Visible Light Images. IEEE Transactions on Image Processing, 2017, 26, 3479-3491.	6.0	17
111	Enhancement of Visual Comfort and Sense of Presence on Stereoscopic 3D Images. IEEE Transactions on Image Processing, 2017, 26, 3789-3801.	6.0	23
112	Continuous Prediction of Streaming Video QoE Using Dynamic Networks. IEEE Signal Processing Letters, 2017, 24, 1083-1087.	2.1	43
113	75â€1: <i>Invited Paper</i> : Perceptual Issues of Streaming Video. Digest of Technical Papers SID International Symposium, 2017, 48, 1097-1100.	0.1	2
114	No-Reference Quality Assessment of Tone-Mapped HDR Pictures. IEEE Transactions on Image Processing, 2017, 26, 2957-2971.	6.0	132
115	Melanoma Classification on Dermoscopy Images Using a Neural Network Ensemble Model. IEEE Transactions on Medical Imaging, 2017, 36, 849-858.	5.4	201
116	Visual discomfort prediction on stereoscopic 3D images without explicit disparities. Signal Processing: Image Communication, 2017, 51, 50-60.	1.8	17
117	Binocular spatial activity and reverse saliency driven no-reference stereopair quality assessment. Signal Processing: Image Communication, 2017, 58, 287-299.	1.8	63
118	Blind Quality Assessment of Fused WorldView-3 Images by Using the Combinations of Pansharpening and Hypersharpening Paradigms. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1835-1839.	1.4	87
119	SpEED-QA: Spatial Efficient Entropic Differencing for Image and Video Quality. IEEE Signal Processing Letters, 2017, 24, 1333-1337.	2.1	112
120	Study of Temporal Effects on Subjective Video Quality of Experience. IEEE Transactions on Image Processing, 2017, 26, 5217-5231.	6.0	122
121	Large-Scale Crowdsourced Study for Tone-Mapped HDR Pictures. IEEE Transactions on Image Processing, 2017, 26, 4725-4740.	6.0	54
122	Quality Assessment of Perceptual Crosstalk on Two-View Auto-Stereoscopic Displays. IEEE Transactions on Image Processing, 2017, 26, 4885-4899.	6.0	12
123	Subjective and objective quality assessment of Mobile Videos with In-Capture distortions. , 2017, , .		6
124	Statistics of natural fused image distortions. , 2017, , .		3
125	Graph-Driven Diffusion and Random Walk Schemes for Image Segmentation. IEEE Transactions on Image Processing, 2017, 26, 35-50.	6.0	59
126	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.	4.6	226

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127	Robust matrix factorization for collaborative filtering in recommender systems. , 2017, , .		4
128	Image quality assessment to enhance infrared face recognition. , 2017, , .		9
129	Towards automated quality curation of video collections from a realistic perspective. , 2017, , .		1
130	Perceptual quality prediction on authentically distorted images using a bag of features approach. Journal of Vision, 2017, 17, 32.	0.1	212
131	Bayesian depth estimation from monocular natural images. Journal of Vision, 2017, 17, 22.	0.1	8
132	No-Reference Quality Assessment of Screen Content Pictures. IEEE Transactions on Image Processing, 2017, 26, 4005-4018.	6.0	210
133	Temporal and Behavioral Aspects of Subjective Video Quality Perception. Journal of Vision, 2017, 17, 722.	0.1	0
134	Upscaling and Combing Artifact Prediction on Motion Pictures Using Convolutional Networks. Journal of Vision, 2017, 17, 1082.	0.1	0
135	Detecting, Localizing and Correcting Exposure-Saturated Regions Using a Natural Image Statistics Model. Journal of Vision, 2017, 17, 377.	0.1	1
136	The effect of eccentricity and spatiotemporal energy on motion silencing. Journal of Vision, 2016, 16, 19.	0.1	4
137	Perceptual Flicker Visibility Prediction Model. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-6.	0.3	3
138	66-1: <i>Invited Paper</i> : Trends in Perception of Displayed 3D Stereoscopic Content. Digest of Technical Papers SID International Symposium, 2016, 47, 899-902.	0.1	0
139	Night-time dehazing by fusion. , 2016, , .		91
140	No-reference image quality assessment for high dynamic range images. , 2016, , .		15
141	Sampled efficient full-reference image quality assessment models. , 2016, , .		4
142	Comparison of regressors on 3D visual discomfort prediction. , 2016, , .		3
143	3D visual discomfort prediction using low complexity disparity algorithms. Eurasip Journal on Image and Video Processing, 2016, 2016, .	1.7	5
144	Flicker sensitive motion tuned video quality assessment. , 2016, , .		7

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145	Blind Picture Upscaling Ratio Prediction. IEEE Signal Processing Letters, 2016, 23, 1801-1805.	2.1	13
146	Relating spatial and spectral models of oriented bandpass natural images. , 2016, , .		2
147	A Completely Blind Video Integrity Oracle. IEEE Transactions on Image Processing, 2016, 25, 289-300.	6.0	229
148	Application-Driven No-Reference Quality Assessment for Dermoscopy Images With Multiple Distortions. IEEE Transactions on Biomedical Engineering, 2016, 63, 1248-1256.	2.5	18
149	Massive Online Crowdsourced Study of Subjective and Objective Picture Quality. IEEE Transactions on Image Processing, 2016, 25, 372-387.	6.0	433
150	Stereoscopic 3D Visual Discomfort Prediction: A Dynamic Accommodation and Vergence Interaction Model. IEEE Transactions on Image Processing, 2016, 25, 615-629.	6.0	46
151	Blind image quality assessment by relative gradient statistics and adaboosting neural network. Signal Processing: Image Communication, 2016, 40, 1-15.	1.8	198
152	Tasking on Natural Statistics of Infrared Images. IEEE Transactions on Image Processing, 2016, 25, 65-79.	6.0	53
153	Video Quality Assessment Using Motion Silencing. Journal of Vision, 2016, 16, 445.	0.1	0
154	3D Visual Discomfort Predictor: Analysis of Disparity and Neural Activity Statistics. IEEE Transactions on Image Processing, 2015, 24, 1101-1114.	6.0	79
155	Disparity Estimation on Stereo Mammograms. IEEE Transactions on Image Processing, 2015, 24, 2851-2863.	6.0	3
156	3D visual discomfort predictor based on neural activity statistics. , 2015, , .		1
157	Eccentricity effect of motion silencing on naturalistic videos. , 2015, , .		6
158	Generalizing a closed-form correlation model of oriented bandpass natural images. , 2015, , .		5
159	Transfer Function Model of Physiological Mechanisms Underlying Temporal Visual Discomfort Experienced When Viewing Stereoscopic 3D Images. IEEE Transactions on Image Processing, 2015, 24, 4335-4347.	6.0	25
160	A time-varying subjective quality model for mobile streaming videos with stalling events. Proceedings of SPIE, 2015, , .	0.8	11
161	Scene statistics of authentically distorted images in perceptually relevant color spaces for blind image quality assessment. , 2015, , .		4
162	Closed-Form Correlation Model of Oriented Bandpass Natural Images. IEEE Signal Processing Letters, 2015, 22, 21-25.	2.1	13

#	Article	IF	CITATIONS
163	Toward Naturalistic 2D-to-3D Conversion. IEEE Transactions on Image Processing, 2015, 24, 724-733.	6.0	17
164	Motion silencing of flicker distortions on naturalistic videos. Signal Processing: Image Communication, 2015, 39, 328-341.	1.8	14
165	Feature maps driven no-reference image quality prediction of authentically distorted images. , 2015, , .		10
166	Eigen-disfigurement model for simulating plausible facial disfigurement after reconstructive surgery. BMC Medical Imaging, 2015, 15, 12.	1.4	1
167	A Feature-Enriched Completely Blind Image Quality Evaluator. IEEE Transactions on Image Processing, 2015, 24, 2579-2591.	6.0	770
168	Oriented Correlation Models of Distorted Natural Images With Application to Natural Stereopair Quality Evaluation. IEEE Transactions on Image Processing, 2015, 24, 1685-1699.	6.0	85
169	Referenceless Prediction of Perceptual Fog Density and Perceptual Image Defogging. IEEE Transactions on Image Processing, 2015, 24, 3888-3901.	6.0	503
170	A spatiotemporal weighted dissimilarity-based method for video saliency detection. Signal Processing: Image Communication, 2015, 38, 45-56.	1.8	9
171	Rate Adaptation and Admission Control for Video Transmission With Subjective Quality Constraints. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 22-36.	7.3	42
172	Automatic Channel Network Extraction From Remotely Sensed Images by Singularity Analysis. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2218-2221.	1.4	35
173	BUCKET: Scheduling of Solar-Powered Sensor Networks via Cross-Layer Optimization. IEEE Sensors Journal, 2015, 15, 1489-1503.	2.4	12
174	A hierarchical Bayesian-map approach to computational imaging. , 2014, , .		2
175	A new multimodal interactive way of subjective scoring of 3D video quality of experience. Proceedings of SPIE, 2014, , .	0.8	0
176	New bivariate statistical model of natural image correlations. , 2014, , .		1
177	3D Visual Discomfort Prediction: Vergence, Foveation, and the Physiological Optics of Accommodation. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 415-427.	7.3	62
178	3D Visual discomfort prediction based on physiological optics of binocular vision and foveation. , 2014, , .		0
179	Temporal Video Quality Model Accounting for Variable Frame Delay Distortions. IEEE Transactions on Broadcasting, 2014, 60, 637-649.	2.5	52
180	Referenceless perceptual fog density prediction model. Proceedings of SPIE, 2014, , .	0.8	11

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181	Zero shot prediction of video quality using intrinsic video statistics. Proceedings of SPIE, 2014, , .	0.8	2
182	Crowdsourced study of subjective image quality. , 2014, , .		14
183	Breaking down the problem of blind video quality evaluation. , 2014, , .		0
184	Visibility prediction of flicker distortions on naturalistic videos. , 2014, , .		1
185	Introduction to the Issue on Perception Inspired Video Processing. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 355-357.	7.3	1
186	Assessment of video naturalness using time-frequency statistics. , 2014, , .		4
187	Three-dimensional brain magnetic resonance imaging segmentation via knowledge-driven decision theory. Journal of Medical Imaging, 2014, 1, 034001.	0.8	1
188	Adaptive video transmission with subjective quality constraints. , 2014, , .		5
189	Study of the effects of stalling events on the quality of experience of mobile streaming videos. , 2014, , ·		41
190	No-Reference Sharpness Assessment of Camera-Shaken Images by Analysis of Spectral Structure. IEEE Transactions on Image Processing, 2014, 23, 5428-5439.	6.0	32
191	Referenceless perceptual image defogging. , 2014, , .		13
192	Binocular mismatch induced by luminance discrepancies on stereoscopic images. , 2014, , .		13
193	Blind image quality assessment on real distorted images using deep belief nets. , 2014, , .		32
194	Study of no-reference image quality assessment algorithms on printed images. Journal of Electronic Imaging, 2014, 23, 061106.	0.5	4
195	Delivery quality score model for Internet video. , 2014, , .		18
196	Gradient Magnitude Similarity Deviation: A Highly Efficient Perceptual Image Quality Index. IEEE Transactions on Image Processing, 2014, 23, 684-695.	6.0	1,131
197	Stereoscopic Interpretation of Low-Dose Breast Tomosynthesis Projection Images. Journal of Digital Imaging, 2014, 27, 248-254.	1.6	7
198	Saliency Prediction on Stereoscopic Videos. IEEE Transactions on Image Processing, 2014, 23, 1476-1490.	6.0	86

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#	Article	IF	CITATIONS
199	Blind Prediction of Natural Video Quality. IEEE Transactions on Image Processing, 2014, 23, 1352-1365.	6.0	380
200	3D Visual Activity Assessment Based on Natural Scene Statistics. IEEE Transactions on Image Processing, 2014, 23, 450-465.	6.0	42
201	Foveated Image and Video Processing and Search. Academic Press Library in Signal Processing, 2014, 4, 349-401.	0.8	5
202	A Pervasive Network Control Algorithm for Multicamera Networks. IEEE Sensors Journal, 2014, 14, 1280-1294.	2.4	5
203	Modeling the Time—Varying Subjective Quality of HTTP Video Streams With Rate Adaptations. IEEE Transactions on Image Processing, 2014, 23, 2206-2221.	6.0	78
204	Targeted L1L2: Naturalness-constrained image recovery from random projections. , 2014, , .		0
205	No-reference task performance prediction on distorted LWIR images. , 2014, , .		5
206	Multimodal Interactive Continuous Scoring of Subjective 3D Video Quality of Experience. IEEE Transactions on Multimedia, 2014, 16, 387-402.	5.2	38
207	Blind Image Quality Assessment Using Joint Statistics of Gradient Magnitude and Laplacian Features. IEEE Transactions on Image Processing, 2014, 23, 4850-4862.	6.0	492
208	No-reference image blur index based on singular value curve. Journal of Visual Communication and Image Representation, 2014, 25, 1625-1630.	1.7	46
209	No-reference image quality assessment based on spatial and spectral entropies. Signal Processing: Image Communication, 2014, 29, 856-863.	1.8	507
210	Blind image quality assessment using a reciprocal singular value curve. Signal Processing: Image Communication, 2014, 29, 1149-1157.	1.8	10
211	Face Detection on Distorted Images Augmented by Perceptual Quality-Aware Features. IEEE Transactions on Information Forensics and Security, 2014, 9, 2119-2131.	4.5	23
212	No-reference image quality assessment in curvelet domain. Signal Processing: Image Communication, 2014, 29, 494-505.	1.8	146
213	C-DIIVINE: No-reference image quality assessment based on local magnitude and phase statistics of natural scenes. Signal Processing: Image Communication, 2014, 29, 725-747.	1.8	83
214	Face detection on distorted images using perceptual quality-aware features. Proceedings of SPIE, 2014, , .	0.8	5
215	Spatiotemporal Flicker Detector Model of Motion Silencing. Perception, 2014, 43, 1286-1302.	0.5	9

Bivariate statistical modeling of color and range in natural scenes. , 2014, , .

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#	Article	IF	CITATIONS
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