

Mylene Farias

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

617
citations

12
h-index

20
g-index

123
ext. papers

832
ext. citations

2
avg, IF

4.43
L-index

#	Paper	IF	Citations
81	No-reference video quality metric based on artifact measurements 2005 ,		59
80	Detection of Gabor patterns of different sizes, shapes, phases and eccentricities. <i>Vision Research</i> , 2007 , 47, 85-107	2.1	47
79	A robust error concealment technique using data hiding for image and video transmission over lossy channels. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 1394-1406	6.4	46
78	Study of Subjective and Objective Quality Assessment of Audio-Visual Signals. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	41
77	On performance of image quality metrics enhanced with visual attention computational models. <i>Electronics Letters</i> , 2012 , 48, 631	1.1	26
76	Recent developments in visual quality monitoring by key performance indicators. <i>Multimedia Tools and Applications</i> , 2016 , 75, 10745-10767	2.5	22
75	No-reference image quality assessment based on statistics of Local Ternary Pattern 2016 ,		18
74	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 3353-3360	6.6	17
73	Detecting tampering in audio-visual content using QIM watermarking. <i>Information Sciences</i> , 2016 , 328, 127-143	7.7	15
72	Bio-inspired optimization algorithms for real underwater image restoration. <i>Signal Processing: Image Communication</i> , 2019 , 77, 49-65	2.8	15
71	Objective video quality metric based on data hiding. <i>IEEE Transactions on Consumer Electronics</i> , 2005 , 51, 983-992	4.8	15
70	A taxonomy and dataset for 360° videos 2019 ,		12
69	Full-reference audio-visual video quality metric. <i>Journal of Electronic Imaging</i> , 2014 , 23, 061108	0.7	11
68	Video quality assessment using visual attention computational models. <i>Journal of Electronic Imaging</i> , 2014 , 23, 061107	0.7	10
67	Detectability and Annoyance of Synthetic Blocky, Blurry, Noisy, and Ringing Artifacts. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 2954-2964	4.8	10
66	Perceptual contributions of blocky, blurry and noisy artifacts to overall annoyance 2003 ,		10
65	A real-time stereo vision system for distance measurement and underwater image restoration. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016 , 38, 2039-2049	2	10

64	Using multiple spatio-temporal features to estimate video quality. <i>Signal Processing: Image Communication</i> , 2018 , 64, 1-10	2.8	9
63	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 2446-2456	6.6	9
62	Perceptual contributions of blocky, blurry, noisy, and ringing synthetic artifacts to overall annoyance. <i>Journal of Electronic Imaging</i> , 2012 , 21, 043013	0.7	9
61	Towards a Point Cloud Quality Assessment Model using Local Binary Patterns 2020 ,		8
60	Blind Image Quality Assessment Using Multiscale Local Binary Patterns. <i>Journal of Imaging Science and Technology</i> , 2016 , 60, 604051-604058	1.2	7
59	Digital Television Broadcasting in Brazil. <i>IEEE MultiMedia</i> , 2008 , 15, 64-70	2.1	7
58	Quality assessment using data hiding on perceptually important areas 2005 ,		7
57	Color and Geometry Texture Descriptors for Point-Cloud Quality Assessment. <i>IEEE Signal Processing Letters</i> , 2021 , 1-1	3.2	7
56	Combining audio and video metrics to assess audio-visual quality. <i>Multimedia Tools and Applications</i> , 2018 , 77, 23993-24012	2.5	6
55	A (2,2) XOR-based visual cryptography scheme without pixel expansion. <i>Journal of Visual Communication and Image Representation</i> , 2019 , 63, 102592	2.7	6
54	On the impact of packet-loss impairments on visual attention mechanisms 2013 ,		6
53	Fast Inverse Halftoning Algorithm for Ordered Dithered Images 2011 ,		6
52	A hybrid metric for digital video quality assessment 2011 ,		6
51	Video quality assessment based on data hiding driven by optical flow information 2003 ,		6
50	Towards Perceptually Driven Segmentation Evaluation Metrics		6
49	Enhancing inverse halftoning via coupled dictionary training. <i>Signal Processing: Image Communication</i> , 2016 , 49, 1-8	2.8	6
48	NAViDAD: A No-Reference Audio-Visual Quality Metric Based on a Deep Autoencoder 2019 ,		6
47	On the Application LBP Texture Descriptors and Its Variants for No-Reference Image Quality Assessment. <i>Journal of Imaging</i> , 2018 , 4, 114	3.1	6

46	Multi-Distance Point Cloud Quality Assessment 2020 ,		5
45	UnB-AV: An Audio-Visual Database for Multimedia Quality Research. <i>IEEE Access</i> , 2020 , 8, 56641-56649	3.5	5
44	High density two-dimensional color code. <i>Multimedia Tools and Applications</i> , 2019 , 78, 1949-1970	2.5	5
43	Multi-objective differential evolution algorithm for underwater image restoration 2015 ,		5
42	Error control and concealment for video transmission using data hiding		5
41	Perceptual contributions of blocky, blurry, and fuzzy impairments to overall annoyance 2004 , 5292, 109		4
40	Local Luminance Patterns for Point Cloud Quality Assessment 2020 ,		4
39	Secure self-recovery watermarking scheme for error concealment and tampering detection. <i>Journal of the Brazilian Computer Society</i> , 2016 , 22,	1.9	4
38	Analyzing the influence of cross-modal IP-based degradations on the perceived audio-visual quality. <i>IS&T International Symposium on Electronic Imaging</i> , 2019 , 2019, 324-1-324-7	1	4
37	Blind image quality assessment based on multiscale salient local binary patterns 2018 ,		4
36	Blind Image Quality Assessment Using Multiscale Local Binary Patterns. <i>IS&T International Symposium on Electronic Imaging</i> , 2017 , 2017, 7-14	1	3
35	Blind Image Quality Assessment Using Local Variant Patterns 2017 ,		3
34	Video quality ruler: A new experimental methodology for assessing video quality 2015 ,		3
33	Assessing the influence of combinations of blockiness, blurriness, and packet loss impairments on visual attention deployment 2015 ,		3
32	Point cloud quality assessment based on geometry-aware texture descriptors. <i>Computers and Graphics</i> , 2022 , 103, 31-44	1.8	3
31	Performance analysis of a video quality ruler methodology for subjective quality assessment. <i>Journal of Electronic Imaging</i> , 2018 , 27, 1	0.7	3
30	Perceptual Quality of Audio-Visual Content with Common Video and Audio Degradations. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5813	2.6	3
29	A framework for computationally efficient video quality assessment. <i>Signal Processing: Image Communication</i> , 2019 , 70, 57-67	2.8	3

28	Using The Immersive Methodology to Assess The Quality of Videos Transmitted in UDP and TCP-Based Scenarios. <i>IS&T International Symposium on Electronic Imaging</i> , 2018 , 2018, 233-1-233-7	1	3
27	Referenceless image quality assessment by saliency, color-texture energy, and gradient boosting machines. <i>Journal of the Brazilian Computer Society</i> , 2018 , 24,	1.9	3
26	Incorporating visual attention models into video quality metrics 2014 ,		2
25	Perceptual analysis of video impairments that combine blocky, blurry, noisy, and ringing synthetic artifacts 2005 ,		2
24	Novel deep learning radiomics model for preoperative evaluation of hepatocellular carcinoma differentiation based on computed tomography data. <i>Clinical and Translational Medicine</i> , 2021 , 11, e570 ⁵⁻⁷		2
23	Perceptual Strengths of Video Impairments that Combine Blockiness, Blurriness, and Packet-Loss Artifacts. <i>IS&T International Symposium on Electronic Imaging</i> , 2018 , 2018, 234-1-234-6	1	2
22	Image quality assessment using BSIF, CLBP, LCP, and LPQ operators. <i>Theoretical Computer Science</i> , 2020 , 805, 37-61	1.1	2
21	No-Reference Image Quality Assessment Using Texture Information Banks 2016 ,		2
20	A High Density Colored 2D-Barcode: CQR Code-9 2016 ,		2
19	Hiding color watermarks in halftone images using maximum-similarity binary patterns. <i>Signal Processing: Image Communication</i> , 2016 , 48, 1-11	2.8	1
18	A No-Reference Autoencoder Video Quality Metric 2019 ,		1
17	Tampering Detection of Audio-Visual Content Using Encrypted Watermarks 2014 ,		1
16	An evaluation of the effect of JPEG, JPEG2000, and H.264/AVC on CQR codes decoding process 2015 ,		1
15	An objective model for audio-visual quality 2014 ,		1
14	A Parallel Framework for Video Super-Resolution 2014 ,		1
13	Video quality assessment based on data hiding for IEEE 802.11 wireless networks 2010 ,		1
12	Annoyance of spatio-temporal artifacts in segmentation quality assessment [video sequences]		1
11	How Deep is Your Encoder: An Analysis of Features Descriptors for an Autoencoder-Based Audio-Visual Quality Metric 2020 ,		1

10	Annoyance models for videos with spatio-temporal artifacts 2016 ,		1
9	Evaluation of Different Types of Filters in Magnetic Resonance Imaging Using Compressive Sensing with Pre-Filtering. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2018, 5575-5576</i>	0.9	1
8	Point cloud quality assessment: unifying projection, geometry, and texture similarity. <i>Visual Computer</i> ,1	2.3	1
7	Isotropic and anisotropic filtering norm-minimization: A generalization of the TV and TGV minimizations using NESTA. <i>Signal Processing: Image Communication, 2020, 85, 115856</i>	2.8	0
6	Perceptual quality assessment of 3D videos with stereoscopic degradations. <i>Multimedia Tools and Applications, 2020, 79, 1603-1623</i>	2.5	0
5	An Optimized Feature Selection Technique in Diversified Natural Scene Text for Classification Using Genetic Algorithm. <i>IEEE Access, 2021, 9, 54923-54937</i>	3.5	0
4	Per-pixel mirror-based method for high-speed video acquisition. <i>Journal of Visual Communication and Image Representation, 2017, 47, 23-35</i>	2.7	
3	Using perceptual strength estimates to predict the perceived annoyance of videos with combinations of spatial and temporal artifacts. <i>Journal of Electronic Imaging, 2018, 27, 1</i>	0.7	
2	Comparison between Digital Tone-Mapping Operators and a Focal-Plane Pixel-Parallel Circuit. <i>Signal Processing: Image Communication, 2020, 88, 115937</i>	2.8	
1	No-Reference Image Quality Assessment Using Salient Local Binary Patterns. <i>IS&T International Symposium on Electronic Imaging, 2018, 2018, 367-1-367-6</i>	1	