Mylene Farias

List of Publications by Year in Descending Order

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	Point cloud quality assessment based on geometry-aware texture descriptors. *Computers and Graphics*, **2022**, 103, 31-44	1.8	3
80	Novel deep learning radiomics model for preoperative evaluation of hepatocellular carcinoma differentiation based on computed tomography data. *Clinical and Translational Medicine*, **2021**, 11, e570	5.7	2
79	Perceptual Quality of Audio-Visual Content with Common Video and Audio Degradations. *Applied Sciences (Switzerland)*, **2021**, 11, 5813	2.6	3
78	Color and Geometry Texture Descriptors for Point-Cloud Quality Assessment. *IEEE Signal Processing Letters*, **2021**, 1-1	3.2	7
77	An Optimized Feature Selection Technique in Diversified Natural Scene Text for Classification Using Genetic Algorithm. *IEEE Access*, **2021**, 9, 54923-54937	3.5	0
76	Multi-Distance Point Cloud Quality Assessment **2020**,		5
75	Towards a Point Cloud Quality Assessment Model using Local Binary Patterns **2020**,		8
74	Study of Subjective and Objective Quality Assessment of Audio-Visual Signals. *IEEE Transactions on Image Processing*, **2020**,	8.7	41
73	UnB-AV: An Audio-Visual Database for Multimedia Quality Research. *IEEE Access*, **2020**, 8, 56641-56649	3.5	5
72	Isotropic and anisotropic filtering norm-minimization: A generalization of the TV and TGV minimizations using NESTA. *Signal Processing: Image Communication*, **2020**, 85, 115856	2.8	0
71	Local Luminance Patterns for Point Cloud Quality Assessment **2020**,		4
70	Perceptual quality assessment of 3D videos with stereoscopic degradations. *Multimedia Tools and Applications*, **2020**, 79, 1603-1623	2.5	0
69	Image quality assessment using BSIF, CLBP, LCP, and LPQ operators. *Theoretical Computer Science*, **2020**, 805, 37-61	1.1	2
68	Comparison between Digital Tone-Mapping Operators and a Focal-Plane Pixel-Parallel Circuit. *Signal Processing: Image Communication*, **2020**, 88, 115937	2.8	
67	How Deep is Your Encoder: An Analysis of Features Descriptors for an Autoencoder-Based Audio-Visual Quality Metric **2020**,		1
66	A taxonomy and dataset for 360 videos **2019**,		12
65	Bio-inspired optimization algorithms for real underwater image restoration. *Signal Processing: Image Communication*, **2019**, 77, 49-65	2.8	15

64	High density two-dimensional color code. *Multimedia Tools and Applications*, **2019**, 78, 1949-1970	2.5	5
63	A (2,2) XOR-based visual cryptography scheme without pixel expansion. *Journal of Visual Communication and Image Representation*, **2019**, 63, 102592	2.7	6
62	A No-Reference Autoencoder Video Quality Metric **2019**,		1
61	NAViDAd: A No-Reference Audio-Visual Quality Metric Based on a Deep Autoencoder **2019**,		6
60	Analyzing the influence of cross-modal IP-based degradations on the perceived audio-visual quality. *IS&T International Symposium on Electronic Imaging*, **2019**, 2019, 324-1-324-7	1	4
59	A framework for computationally efficient video quality assessment. *Signal Processing: Image Communication*, **2019**, 70, 57-67	2.8	3
58	Using multiple spatio-temporal features to estimate video quality. *Signal Processing: Image Communication*, **2018**, 64, 1-10	2.8	9
57	Combining audio and video metrics to assess audio-visual quality. *Multimedia Tools and Applications*, **2018**, 77, 23993-24012	2.5	6
56	Performance analysis of a video quality ruler methodology for subjective quality assessment. *Journal of Electronic Imaging*, **2018**, 27, 1	0.7	3
55	Perceptual Strengths of Video Impairments that Combine Blockiness, Blurriness, and Packet-Loss Artifacts. *IS&T International Symposium on Electronic Imaging*, **2018**, 2018, 234-1-234-6	1	2
54	Using perceptual strength estimates to predict the perceived annoyance of videos with combinations of spatial and temporal artifacts. *Journal of Electronic Imaging*, **2018**, 27, 1	0.7	
53	No-Reference Image Quality Assessment Using Salient Local Binary Patterns. *IS&T International Symposium on Electronic Imaging*, **2018**, 2018, 367-1-367-6	1	
52	Using The Immersive Methodology to Assess The Quality of Videos Transmitted in UDP and TCP-Based Scenarios. *IS&T International Symposium on Electronic Imaging*, **2018**, 2018, 233-1-233-7	1	3
51	Evaluation of Different Types of Filters in Magnetic Resonance Imaging Using Compressive Sensing with Pre-Filtering. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2018**, 2018, 5575-5578	0.9	1
50	Referenceless image quality assessment by saliency, color-texture energy, and gradient boosting machines. *Journal of the Brazilian Computer Society*, **2018**, 24,	1.9	3
49	On the Application LBP Texture Descriptors and Its Variants for No-Reference Image Quality Assessment. *Journal of Imaging*, **2018**, 4, 114	3.1	6
48	. *IEEE Transactions on Multimedia*, **2018**, 20, 3353-3360	6.6	17
47	Blind image quality assessment based on multiscale salient local binary patterns **2018**,		4

46	Blind Image Quality Assessment Using Multiscale Local Binary Patterns. *IS&T International Symposium on Electronic Imaging*, **2017**, 2017, 7-14	1	3
45	Per-pixel mirror-based method for high-speed video acquisition. *Journal of Visual Communication and Image Representation*, **2017**, 47, 23-35	2.7	
44	Blind Image Quality Assessment Using Local Variant Patterns **2017**,		3
43	Detecting tampering in audio-visual content using QIM watermarking. *Information Sciences*, **2016**, 328, 127-143	7.7	15
42	Blind Image Quality Assessment Using Multiscale Local Binary Patterns. *Journal of Imaging Science and Technology*, **2016**, 60, 604051-604058	1.2	7
41	Hiding color watermarks in halftone images using maximum-similarity binary patterns. *Signal Processing: Image Communication*, **2016**, 48, 1-11	2.8	1
40	. *IEEE Transactions on Multimedia*, **2016**, 18, 2446-2456	6.6	9
39	Recent developments in visual quality monitoring by key performance indicators. *Multimedia Tools and Applications*, **2016**, 75, 10745-10767	2.5	22
38	No-reference image quality assessment based on statistics of Local Ternary Pattern **2016**,		18
37	No-Reference Image Quality Assessment Using Texture Information Banks **2016**,		2
36	Annoyance models for videos with spatio-temporal artifacts **2016**,		1
35	A High Density Colored 2D-Barcode: CQR Code-9 **2016**,		2
34	Secure self-recovery watermarking scheme for error concealment and tampering detection. *Journal of the Brazilian Computer Society*, **2016**, 22,	1.9	4
33	Enhancing inverse halftoning via coupled dictionary training. *Signal Processing: Image Communication*, **2016**, 49, 1-8	2.8	6
32	A real-time stereo vision system for distance measurement and underwater image restoration. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2016**, 38, 2039-2049	2	10
31	Video quality ruler: A new experimental methodology for assessing video quality **2015**,		3
30	Multi-objective differential evolution algorithm for underwater image restoration **2015**,		5
29	An evaluation of the effect of JPEG, JPEG2000, and H.264/AVC on CQR codes decoding process **2015**,		1

28	Assessing the influence of combinations of blockiness, blurriness, and packet loss impairments on visual attention deployment **2015**,		3
27	Tampering Detection of Audio-Visual Content Using Encrypted Watermarks **2014**,		1
26	Incorporating visual attention models into video quality metrics **2014**,		2
25	An objective model for audio-visual quality **2014**,		1
24	A Parallel Framework for Video Super-Resolution **2014**,		1
23	Video quality assessment using visual attention computational models. *Journal of Electronic Imaging*, **2014**, 23, 061107	0.7	10
22	Full-reference audio-visual video quality metric. *Journal of Electronic Imaging*, **2014**, 23, 061108	0.7	11
21	On the impact of packet-loss impairments on visual attention mechanisms **2013**,		6
20	On performance of image quality metrics enhanced with visual attention computational models. *Electronics Letters*, **2012**, 48, 631	1.1	26
19	Perceptual contributions of blocky, blurry, noisy, and ringing synthetic artifacts to overall annoyance. *Journal of Electronic Imaging*, **2012**, 21, 043013	0.7	9
18	Fast Inverse Halftoning Algorithm for Ordered Dithered Images **2011**,		6
17	A hybrid metric for digital video quality assessment **2011**,		6
16	Video quality assessment based on data hiding for IEEE 802.11 wireless networks **2010**,		1
15	Digital Television Broadcasting in Brazil. *IEEE MultiMedia*, **2008**, 15, 64-70	2.1	7
14	Detectability and Annoyance of Synthetic Blocky, Blurry, Noisy, and Ringing Artifacts. *IEEE Transactions on Signal Processing*, **2007**, 55, 2954-2964	4.8	10
13	Detection of Gabor patterns of different sizes, shapes, phases and eccentricities. *Vision Research*, **2007**, 47, 85-107	2.1	47
12	Objective video quality metric based on data hiding. *IEEE Transactions on Consumer Electronics*, **2005**, 51, 983-992	4.8	15
11	No-reference video quality metric based on artifact measurements **2005**,		59

10	Perceptual analysis of video impairments that combine blocky, blurry, noisy, and ringing synthetic artifacts **2005**,		2
9	Quality assessment using data hiding on perceptually important areas **2005**,		7
8	A robust error concealment technique using data hiding for image and video transmission over lossy channels. *IEEE Transactions on Circuits and Systems for Video Technology*, **2005**, 15, 1394-1406	6.4	46
7	Perceptual contributions of blocky, blurry, and fuzzy impairments to overall annoyance **2004**, 5292, 109		4
6	Perceptual contributions of blocky, blurry and noisy artifacts to overall annoyance **2003**,		10
5	Video quality assessment based on data hiding driven by optical flow information **2003**,		6
4	Annoyance of spatio-temporal artifacts in segmentation quality assessment [video sequences]		1
3	Towards Perceptually Driven Segmentation Evaluation Metrics		6
2	Error control and concealment for video transmission using data hiding		5
1	Point cloud quality assessment: unifying projection, geometry, and texture similarity. *Visual Computer*,1	2.3	1