

Amy R Reibman

List of Publications by Year in Descending Order

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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.

71
papers

1,656
citations

20
h-index

40
g-index

91
ext. papers

2,067
ext. citations

4.9
avg, IF

4.4
L-index

#	Paper	IF	Citations
71	Designing a Computer-Vision Application: A Case Study for Hand-Hygiene Assessment in an Open-Room Environment. <i>Journal of Imaging</i> , 2021 , 7,	3.1	1
70	Special issue on Open Media Compression: Overview, Design Criteria, and Outlook on Emerging Standards. <i>Proceedings of the IEEE</i> , 2021 , 109, 1423-1434	14.3	
69	Animal Localization in Camera-Trap Images with Complex Backgrounds 2020 ,		2
68	Robustness Analysis of Face Obscuration 2020 ,		1
67	Multi-View Hand-Hygiene Recognition for Food Safety. <i>Journal of Imaging</i> , 2020 , 6,	3.1	3
66	Video-Based Prediction for Header-Height Control of a Combine Harvester 2019 ,		2
65	Analyzing Real-Time Multimedia Content from Network Cameras Using CPUs and GPUs in the Cloud 2018 ,		1
64	Viewing Experience Model of First-Person Videos. <i>Journal of Imaging</i> , 2018 , 4, 106	3.1	
63	Prediction system for activity recognition with compressed video. <i>IS&T International Symposium on Electronic Imaging</i> , 2018 , 2018, 254-1-254-6	1	2
62	Determining the Necessary Frame Rate of Video Data for Object Tracking under Accuracy Constraints 2018 ,		4
61	Image quality assessment in first-person videos. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 54, 123-132	2.7	2
60	Real-Time Print Quality Diagnostics. <i>IS&T International Symposium on Electronic Imaging</i> , 2017 , 2017, 174-179	1	3
59	Subjective evaluation of distortions in first-person videos. <i>IS&T International Symposium on Electronic Imaging</i> , 2017 , 2017, 110-117	1	1
58	Quality-adaptive deep learning for pedestrian detection 2017 ,		3
57	Accuracy prediction for pedestrian detection 2017 ,		3
56	Mutual reference frame-quality assessment for first-person videos 2017 ,		1
55	Full-Reference Video Quality Estimation for Videos With Different Spatial Resolutions. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016 , 26, 1988-2000	6.4	2

54	DashCam video compression using historical data 2016 ,		3
53	Software to Stress Test Image Quality Estimators 2016 ,		1
52	Characterizing distortions in first-person videos 2016 ,		2
51	Full-reference quality estimation for images with different spatial resolutions. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2069-80	8.7	13
50	Full reference video quality estimation for videos with different spatial resolutions 2014 ,		3
49	. <i>Proceedings of the IEEE</i> , 2013 , 101, 2025-2043	14.3	54
48	2013 ,		2
47	Image quality estimation for different spatial resolutions 2013 ,		1
46	The Challenge of Estimating Video Quality in Video Communication Applications [In the Spotlight]. <i>IEEE Signal Processing Magazine</i> , 2012 , 29, 160-158	9.4	13
45	A strategy to jointly test image quality estimators subjectively 2012 ,		5
44	An automatic grid corner extraction technique for camera calibration 2012 ,		3
43	Quality estimation for images and video with different spatial resolutions 2012 ,		4
42	Introduction to the Special Issue on New Subjective and Objective Methodologies for Audio and Visual Signal Processing. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2012 , 6, 614-615	7.5	5
41	Supplemental subjective testing to evaluate the performance of image and video quality estimators 2011 ,		5
40	Performance of H.264 with isolated bit error: Packet decode or discard? 2011 ,		4
39	Systematic stress testing of image quality estimators 2011 ,		6
38	A versatile model for packet loss visibility and its application to packet prioritization. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 722-35	8.7	60
37	No-reference image and video quality estimation: Applications and human-motivated design. <i>Signal Processing: Image Communication</i> , 2010 , 25, 469-481	2.8	88

36	Perceptual quality based packet dropping for generalized video GOP structures 2009 ,		9
35	A no-reference Spatial Aliasing Measure for digital image resizing 2008 ,		6
34	Predicting packet-loss visibility using scene characteristics 2007 ,		29
33	Characterizing packet-loss impairments in compressed video 2007 ,		25
32	Quality evaluation of motion-compensated edge artifacts in compressed video. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 943-56	8.7	23
31	Quality assessment for super-resolution image enhancement 2006 ,		18
30	Predicting H.264 Packet Loss Visibility using a Generalized Linear Model 2006 ,		26
29	Video quality estimation for internet streaming 2005 ,		2
28	. <i>IEEE Transactions on Multimedia</i> , 2004 , 6, 327-334	6.6	93
27	Scalable video coding with managed drift. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2003 , 13, 131-140	6.4	11
26	Multiple-description video coding using motion-compensated temporal prediction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2002 , 12, 193-204	6.4	80
25	An improvement to multiple description transform coding. <i>IEEE Transactions on Signal Processing</i> , 2002 , 50, 2843-2854	4.8	29
24	Multiple description coding using pairwise correlating transforms. <i>IEEE Transactions on Image Processing</i> , 2001 , 10, 351-66	8.7	189
23	Design Issues for Layered Quality-Adaptive Internet Video Playback. <i>Lecture Notes in Computer Science</i> , 2001 , 433-451	0.9	
22	Error-resilient transcoding for video over wireless channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2000 , 18, 1063-1074	14.2	42
21	. <i>IEEE Transactions on Multimedia</i> , 1999 , 1, 352-364	6.6	6
20	Intellectual property protection systems and digital watermarking. <i>Optics Express</i> , 1998 , 3, 478-84	3.3	9
19	Novel computationally scalable algorithm for motion estimation 1998 ,		3

18	Intellectual Property Protection Systems and Digital Watermarking. <i>Lecture Notes in Computer Science</i> , 1998 , 158-168	0.9	9
17	Joint selection of source and channel rate for VBR video transmission under ATM policing constraints. <i>IEEE Journal on Selected Areas in Communications</i> , 1997 , 15, 1016-1028	14.2	97
16	. <i>IEEE Signal Processing Magazine</i> , 1997 , 14, 39-41	9.4	0
15	Forward error control for MPEG-2 video transport in a wireless ATM LAN. <i>Mobile Networks and Applications</i> , 1996 , 1, 245-257	2.9	14
14	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1996 , 6, 426-435	6.4	100
13	Combined Source and Channel Coding for Wireless ATM LANs. <i>Information Technology: Transmission, Processing and Storage</i> , 1996 , 135-149		1
12	Modeling Two-Layer MPEG-2 Video Traffic 1996 , 419-426		3
11	An error concealment algorithm for images subject to channel errors. <i>IEEE Transactions on Image Processing</i> , 1995 , 4, 533-42	8.7	69
10	. <i>IEEE/ACM Transactions on Networking</i> , 1994 , 2, 176-180	3.8	79
9	Traffic Modelling for Broadband Services 1994 , 1-8		
8	. <i>IEEE Transactions on Communications</i> , 1993 , 41, 1602-1605	6.9	97
7	An adaptive congestion control scheme for real-time packet video transport. <i>Computer Communication Review</i> , 1993 , 23, 20-31	1.4	13
6	An adaptive congestion control scheme for real-time packet video transport 1993 ,		49
5	TES modeling for analysis of a video multiplexer. <i>Performance Evaluation</i> , 1992 , 16, 21-34	1.2	21
4	DCT-based embedded coding for packet video. <i>Signal Processing: Image Communication</i> , 1991 , 3, 231-237	7.8	13
3	. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1990 , 38, 179-180		10
2	Hough transform and signal detection theory performance for images with additive noise. <i>Computer Vision, Graphics, and Image Processing</i> , 1990 , 52, 386-401		17
1	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1987 , AES-23, 24-30	3.7	157

