

Amy R Reibman

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8071256/amy-r-reibman-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Multiple description coding using pairwise correlating transforms. <i>IEEE Transactions on Image Processing</i> , 2001 , 10, 351-66	8.7	189
70	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1987 , AES-23, 24-30	3.7	157
69	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1996 , 6, 426-435	6.4	100
68	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
67	. <i>IEEE Transactions on Communications</i> , 1993 , 41, 1602-1605	6.9	97
66	. <i>IEEE Transactions on Multimedia</i> , 2004 , 6, 327-334	6.6	93
65	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
64	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
63	. <i>IEEE/ACM Transactions on Networking</i> , 1994 , 2, 176-180	3.8	79
62	An error concealment algorithm for images subject to channel errors. <i>IEEE Transactions on Image Processing</i> , 1995 , 4, 533-42	8.7	69
61	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
60	. <i>Proceedings of the IEEE</i> , 2013 , 101, 2025-2043	14.3	54
59	An adaptive congestion control scheme for real-time packet video transport 1993 ,		49
58	Error-resilient transcoding for video over wireless channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2000 , 18, 1063-1074	14.2	42
57	Predicting packet-loss visibility using scene characteristics 2007 ,		29
56	An improvement to multiple description transform coding. <i>IEEE Transactions on Signal Processing</i> , 2002 , 50, 2843-2854	4.8	29
55	Predicting H.264 Packet Loss Visibility using a Generalized Linear Model 2006 ,		26

54	Characterizing packet-loss impairments in compressed video 2007 ,		25
53	Quality evaluation of motion-compensated edge artifacts in compressed video. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 943-56	8.7	23
52	TES modeling for analysis of a video multiplexer. <i>Performance Evaluation</i> , 1992 , 16, 21-34	1.2	21
51	Quality assessment for super-resolution image enhancement 2006 ,		18
50	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
49	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
48	Full-reference quality estimation for images with different spatial resolutions. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2069-80	8.7	13
47	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
46	An adaptive congestion control scheme for real-time packet video transport. <i>Computer Communication Review</i> , 1993 , 23, 20-31	1.4	13
45	DCT-based embedded coding for packet video. <i>Signal Processing: Image Communication</i> , 1991 , 3, 231-237	7.8	13
44	Scalable video coding with managed drift. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2003 , 13, 131-140	6.4	11
43	. <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , 1990 , 38, 179-180		10
42	Perceptual quality based packet dropping for generalized video GOP structures 2009 ,		9
41	Intellectual property protection systems and digital watermarking. <i>Optics Express</i> , 1998 , 3, 478-84	3.3	9
40	Intellectual Property Protection Systems and Digital Watermarking. <i>Lecture Notes in Computer Science</i> , 1998 , 158-168	0.9	9
39	Systematic stress testing of image quality estimators 2011 ,		6
38	A no-reference Spatial Aliasing Measure for digital image resizing 2008 ,		6
37	. <i>IEEE Transactions on Multimedia</i> , 1999 , 1, 352-364	6.6	6

36	A strategy to jointly test image quality estimators subjectively 2012 ,		5
35	Supplemental subjective testing to evaluate the performance of image and video quality estimators 2011 ,		5
34	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
33	Performance of H.264 with isolated bit error: Packet decode or discard? 2011 ,		4
32	Quality estimation for images and video with different spatial resolutions 2012 ,		4
31	Determining the Necessary Frame Rate of Video Data for Object Tracking under Accuracy Constraints 2018 ,		4
30	Real-Time Print Quality Diagnostics. <i>IS&T International Symposium on Electronic Imaging</i> , 2017 , 2017, 174-179	1	3
29	DashCam video compression using historical data 2016 ,		3
28	Full reference video quality estimation for videos with different spatial resolutions 2014 ,		3
27	Quality-adaptive deep learning for pedestrian detection 2017 ,		3
26	Accuracy prediction for pedestrian detection 2017 ,		3
25	An automatic grid corner extraction technique for camera calibration 2012 ,		3
24	Novel computationally scalable algorithm for motion estimation 1998 ,		3
23	Modeling Two-Layer MPEG-2 Video Traffic 1996 , 419-426		3
22	Multi-View Hand-Hygiene Recognition for Food Safety. <i>Journal of Imaging</i> , 2020 , 6,	3.1	3
21	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
20	Animal Localization in Camera-Trap Images with Complex Backgrounds 2020 ,		2
19	Video-Based Prediction for Header-Height Control of a Combine Harvester 2019 ,		2

18	2013,		2
17	Video quality estimation for internet streaming 2005,		2
16	Characterizing distortions in first-person videos 2016,		2
15	Prediction system for activity recognition with compressed video. <i>IS&T International Symposium on Electronic Imaging, 2018, 2018, 254-1-254-6</i>	1	2
14	Image quality assessment in first-person videos. <i>Journal of Visual Communication and Image Representation, 2018, 54, 123-132</i>	2.7	2
13	Subjective evaluation of distortions in first-person videos. <i>IS&T International Symposium on Electronic Imaging, 2017, 2017, 110-117</i>	1	1
12	Analyzing Real-Time Multimedia Content from Network Cameras Using CPUs and GPUs in the Cloud 2018,		1
11	Mutual reference frame-quality assessment for first-person videos 2017,		1
10	Image quality estimation for different spatial resolutions 2013,		1
9	Robustness Analysis of Face Obscuration 2020,		1
8	Combined Source and Channel Coding for Wireless ATM LANs. <i>Information Technology: Transmission, Processing and Storage, 1996, 135-149</i>		1
7	Software to Stress Test Image Quality Estimators 2016,		1
6	Designing a Computer-Vision Application: A Case Study for Hand-Hygiene Assessment in an Open-Room Environment. <i>Journal of Imaging, 2021, 7,</i>	3.1	1
5	. <i>IEEE Signal Processing Magazine, 1997, 14, 39-41</i>	9.4	0
4	Design Issues for Layered Quality-Adaptive Internet Video Playback. <i>Lecture Notes in Computer Science, 2001, 433-451</i>	0.9	
3	Traffic Modelling for Broadband Services 1994, 1-8		
2	Viewing Experience Model of First-Person Videos. <i>Journal of Imaging, 2018, 4, 106</i>	3.1	
1	Special issue on Open Media Compression: Overview, Design Criteria, and Outlook on Emerging Standards. <i>Proceedings of the IEEE, 2021, 109, 1423-1434</i>	14.3	

