

Jerry D Gibson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7098114/jerry-d-gibson-publications-by-citations.pdf>
Version: 2024-04-09

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.

34 papers	203 citations	7 h-index	12 g-index
61 ext. papers	276 ext. citations	3.3 avg, IF	3.74 L-index

#	Paper	IF	Citations
34	Payload length and rate adaptation for multimedia communications in wireless LANs. <i>IEEE Journal on Selected Areas in Communications</i> , 2007 , 25, 796-807	14.2	32
33	Low-complexity video encoding for UAV reconnaissance and surveillance 2011 ,		25
32	Speech Compression. <i>Information (Switzerland)</i> , 2016 , 7, 32	2.6	17
31	Information Transmission Over Fading Channels 2007 ,		15
30	Spatially adaptive filtering for registration artifact removal in HDR video 2011 ,		11
29	Entropy Power, Autoregressive Models, and Mutual Information. <i>Entropy</i> , 2018 , 20,	2.8	9
28	Distributions of 3D DCT coefficients for video 2009 ,		8
27	Rate Distortion Functions and Rate Distortion Function Lower Bounds for Real-World Sources. <i>Entropy</i> , 2017 , 19, 604	2.8	7
26	Global Motion Assisted Low Complexity Video Encoding for UAV Applications. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2015 , 9, 139-150	7.5	7
25	Disparity remapping for handheld 3D video communications 2012 ,		7
24	New Rate Distortion Bounds for Natural Videos Based on a Texture-Dependent Correlation Model. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 1081-1094	6.4	6
23	Rate Distortion Bounds for Voice and Video. <i>Foundations and Trends in Communications and Information Theory</i> , 2014 , 10, 379-514	6.1	5
22	Low Complexity Video Encoding and High Complexity Decoding for UAV Reconnaissance and Surveillance 2013 ,		5
21	Spectral entropy-based bit allocation 2010 ,		4
20	Rate-distortion based mode selection for video coding over wireless networkswith burst losses 2009 ,		4
19	New rate distortion bounds for natural videos based on a texture dependent correlation model in the spatial-temporal domain 2008 ,		4
18	Routing-aware multiple description video coding over wireless ad-hoc networks using multiple paths 2010 ,		3

17	Automatic scene relighting for video conferencing 2009 ,			3
16	MOSx and Voice Outage Rate in Wireless Communications 2006 ,			3
15	New Rate Distortion Bounds for Natural Videos Based on a Texture Dependent Correlation Model 2007 ,			3
14	New Block-Based Local-Texture-Dependent Correlation Model of Digitized Natural Video 2006 ,			3
13	Mutual Information Loss in Pyramidal Image Processing. <i>Information (Switzerland)</i> , 2020 , 11, 322	2.6		2
12	Mutual Information, the Linear Prediction Model, and CELP Voice Codecs. <i>Information (Switzerland)</i> , 2019 , 10, 179	2.6		2
11	Inexpensive High Dynamic Range Video for large scale security and surveillance 2011 ,			2
10	Spectral entropy-based quantization matrices for H.264/AVC video coding 2010 ,			2
9	Rate distortion bounds for speech coding based on a perceptual distortion measure (PESQ-MOS) 2011 ,			2
8	Refined error concealment for multiple state video coding over ad hoc networks 2008 ,			2
7	Perceptual Pre-weighting and Post-inverse weighting for Speech Coding. <i>Conference Record of the Asilomar Conference on Signals, Systems and Computers</i> , 2007 ,	0.3		2
6	Mutual Information Gain and Linear/Nonlinear Redundancy for Agent Learning, Sequence Analysis, and Modeling. <i>Entropy</i> , 2020 , 22,	2.8		1
5	Routing-aware multiple description coding with multipath transport for video delivered over mobile ad-hoc networks 2010 ,			1
4	New rate distortion bounds for speech coding based on composite source models 2010 ,			1
3	Perceptually weighted distortion measures and the tandem connection of speech codecs. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008 ,	1.6		1
2	Voice Communications over Tandem Wireline IP and WLAN Connections 2006 ,			1
1	Multimode Tree-Coding of Speech with Pre-/Post-Weighting. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2026	2.6		0