

Jill M Boyce

List of Publications by Year in descending order

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33
papers

1,231
citations

933447

10
h-index

1125743

13
g-index

33
all docs

33
docs citations

33
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardized Extensions of High Efficiency Video Coding (HEVC). IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 1001-1016.	10.8	332
2	Overview of SHVC: Scalable Extensions of the High Efficiency Video Coding Standard. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 20-34.	8.3	296
3	Packet loss effects on MPEG video sent over the public Internet. , 1998, , .		130
4	Modeling of transmission-loss-induced distortion in decoded video. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 716-732.	8.3	82
5	MPEG Immersive Video Coding Standard. Proceedings of the IEEE, 2021, 109, 1521-1536.	21.3	64
6	Standardization Status of Immersive Video Coding. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 5-17.	3.6	63
7	Frame loss error concealment for SVC. Journal of Zhejiang University: Science A, 2006, 7, 677-683.	2.4	35
8	A Novel Video Quality Metric for Low Bit-Rate Video Considering Both Coding and Packet-Loss Artifacts. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 280-293.	10.8	35
9	Packet loss resilient transmission of MPEG video over the Internet. Signal Processing: Image Communication, 1999, 15, 7-24.	3.2	30
10	Omnidirectional 360° Video Coding Technology in Responses to the Joint Call for Proposals on Video Compression With Capability Beyond HEVC. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1241-1252.	8.3	29
11	The High-Level Syntax of the Versatile Video Coding (VVC) Standard. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3779-3800.	8.3	26
12	An Error Concealment Scheme for Entire Frame Losses for H.264/AVC. , 2006, , .		24
13	Subjective Quality Evaluation of Decoded Video in the Presence of Packet Losses. , 2007, , .		23
14	Effective flicker removal from periodic intra frames and accurate flicker measurement. , 2008, , .		9
15	Guest Editorial Immersive Video Coding and Transmission. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 1-4.	3.6	7
16	Spherical rotation orientation indication for HEVC and JEM coding of 360 degree video. , 2017, , .		7
17	An SDTV Decoder with HDTV Capability: "An All-Format ATV Decoder", 1995, , .		6
18	Adaptive Error Resilient Video Coding Based on Redundant Slices of H.264/AVC. , 2007, , .		5

#	ARTICLE	IF	CITATIONS
19	Scalability support in HEVC. , 2012, , .		5
20	An Unequal Error Protection Framework for DVB-H and Its Application to Video Streaming. , 2008, , .		4
21	HEVC High-Level Syntax. Integrated Circuits and Systems, 2014, , 13-48.	0.2	4
22	Hybrid End-to-End Distortion Estimation and its Application in Error Resilient Video Coding. , 2007, , .		3
23	H.264 encoder with low complexity noise pre-filtering. , 2003, 5203, 478.		2
24	Fast decision on picture adaptive frame/field coding for H.264. , 2005, , .		2
25	Optimal Frame Selection for H.264/AVC FMO Coding. , 2006, , .		2
26	Concealment-Aware Motion Estimation and Mode Selection for Error Resilient Video Coding. , 2006, , .		2
27	Picture orientation information in video compression. , 2012, , .		1
28	Guest Editorial Introduction to the Special Section on the Joint Call for Proposals on Video Compression With Capability Beyond HEVC. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1203-1207.	8.3	1
29	Fast Forward/Fast Reverse for a Digital HDTV VCR. , 1994, , 573-580.		1
30	An Overview of MPEG Immersive Video. , 2021, , .		1
31	<title>An extension of the reduced resolution update mode to complexity constrained spatial scalable video coding</title>. , 2005, , .		0
32	Complexity Scalable Hybrid End-to-End Distortion Estimation for Conversational Video Streaming. , 2007, , .		0
33	Streaming Video over Wireless Networks. Internet and Communications, 2003, , .	0.2	0