

# Krzysztof Wegner

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

292  
citations

1937685

4  
h-index

1372567

10  
g-index

44  
all docs

44  
docs citations

44  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Efficiency 3D Video Coding Using New Tools Based on View Synthesis. IEEE Transactions on Image Processing, 2013, 22, 3517-3527.	9.8	43
2	Immersive visual media – MPEG-I: 360 video, virtual navigation and beyond. , 2017, , .		30
3	Intra Predictive Depth Map Coding Using Flexible Block Partitioning. IEEE Transactions on Image Processing, 2015, 24, 4055-4068.	9.8	21
4	Distortions of synthesized views caused by compression of views and depth maps. , 2009, , .		15
5	3D-HEVC extension for circular camera arrangements. , 2015, , .		14
6	Similarity measures for depth estimation. , 2009, , .		12
7	Coding of multiple video&#x002B;depth using HEVC technology and reduced representations of side views and depth maps. , 2012, , .		12
8	Extensions of the HEVC technology for efficient multiview video coding. , 2012, , .		12
9	Bitrate distribution of syntax elements in the HEVC encoded video. , 2014, , .		10
10	Quantization optimization in multiview plus depth video coding. , 2014, , .		10
11	Error concealment for MVC and 3D video coding. , 2010, , .		9
12	3D video compression by coding of disoccluded regions. , 2012, , .		8
13	The influence of a lossy compression on the quality of estimated depth maps. , 2016, , .		7
14	Nonlinear depth representation for 3D video coding. , 2013, , .		6
15	Experiments on acquisition and processing of video for free-viewpoint television. , 2014, , .		6
16	New results in free-viewpoint television systems for horizontal virtual navigation. , 2016, , .		6
17	Subjective quality assessment methodology for 3D video compression technology. , 2012, , .		5
18	Methodology for 3D Video Subjective Quality Evaluation. International Journal of Electronics and Telecommunications, 2013, 59, 25-32.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Video quality in multiple HEVC encoding-decoding cycles. , 2013, , .		5
20	Analysis of Compressed Data Stream Content in HEVC Video Encoder. International Journal of Electronics and Telecommunications, 2015, 61, 121-127.	0.6	5
21	Analysis of the complexity of the HEVC motion estimation. , 2016, , .		5
22	Fast depth estimation on mobile platforms and FPGA devices. , 2015, , .		4
23	Stereoscopic depth refinement by mid-level hypothesis. , 2010, , .		3
24	Vehicle dimensions estimation scheme using AAM on stereoscopic video. , 2013, , .		3
25	Analysis of noise in multi-camera systems. , 2014, , .		3
26	Occlusion handling in depth estimation from multiview video. , 2014, , .		3
27	Methods of high efficiency compression for transmission of spatial representation of motion scenes. , 2015, , .		3
28	Estimation of temporally-consistent depth maps from video with reduced noise. , 2015, , .		3
29	Novel depth-based blending technique for improved virtual view synthesis. , 2016, , .		3
30	20 Years of Progress in Video Compression “ from MPEG-1 to MPEG-H HEVC. General View on the Path of Video Coding Development. Advances in Intelligent Systems and Computing, 2017, , 3-15.	0.6	3
31	Analysis of Video Quality Losses in Homogeneous HEVC Video Transcoding. IEEE Access, 2019, 7, 96764-96774.	4.2	3
32	Analysis of Frame Partitioning in HEVC. Lecture Notes in Computer Science, 2014, , 602-609.	1.3	3
33	Efficient Depth-Based Coding. Signals and Communication Technology, 2019, , 97-114.	0.5	3
34	Limitations of vehicle length estimation using stereoscopic video analysis. , 2013, , .		2
35	Depth estimation using modified cost function for occlusion handling. Signal, Image and Video Processing, 2019, 13, 1539-1547.	2.7	2
36	A hybrid technique for stereoscopic depth estimation in video. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
37	Stereoscopic depth estimation using fuzzy segment matching. , 2010, , .		1
38	Video Transrating in AVC to HEVC Transcoding. , 2018, , .		1
39	Generation of Temporally Consistent Depth Maps Using Noise Removal from Video. Lecture Notes in Computer Science, 2010, , 292-299.	1.3	1
40	Depth Estimation Based on Maximization of a Posteriori Probability. Lecture Notes in Computer Science, 2016, , 253-265.	1.3	1
41	Transformation of depth maps produced by ToF cameras. , 2014, , .		0
42	Computational complexity tradeoffs in HEVC motion estimation. , 2016, , .		0
43	Efficient Transmission of 3D Video Using MPEG-4 AVC/H.264 Compression Technology. Lecture Notes in Computer Science, 2010, , 145-156.	1.3	0
44	Fast mode selection in the high-efficiency video coding intravideo encoder based on statistics of modes. Journal of Electronic Imaging, 2018, 27, 1.	0.9	0