

# Krzysztof Wegner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5110520/publications.pdf>

Version: 2024-02-01

44  
papers

292  
citations

2148532

4  
h-index

1526636

10  
g-index

44  
all docs

44  
docs citations

44  
times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Depth estimation using modified cost function for occlusion handling. Signal, Image and Video Processing, 2019, 13, 1539-1547.	1.7	2
2	Analysis of Video Quality Losses in Homogeneous HEVC Video Transcoding. IEEE Access, 2019, 7, 96764-96774.	2.6	3
3	Efficient Depth-Based Coding. Signals and Communication Technology, 2019, , 97-114.	0.4	3
4	Video Transrating in AVC to HEVC Transcoding. , 2018, , .		1
5	Fast mode selection in the high-efficiency video coding intravideo encoder based on statistics of modes. Journal of Electronic Imaging, 2018, 27, 1.	0.5	0
6	Immersive visual media " MPEG-I: 360 video, virtual navigation and beyond. , 2017, , .		30
7	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.	0.5	3
8	The influence of a lossy compression on the quality of estimated depth maps. , 2016, , .		7
9	New results in free-viewpoint television systems for horizontal virtual navigation. , 2016, , .		6
10	Analysis of the complexity of the HEVC motion estimation. , 2016, , .		5
11	Novel depth-based blending technique for improved virtual view synthesis. , 2016, , .		3
12	Computational complexity tradeoffs in HEVC motion estimation. , 2016, , .		0
13	Depth Estimation Based on Maximization of a Posteriori Probability. Lecture Notes in Computer Science, 2016, , 253-265.	1.0	1
14	Methods of high efficiency compression for transmission of spatial representation of motion scenes. , 2015, , .		3
15	Analysis of Compressed Data Stream Content in HEVC Video Encoder. International Journal of Electronics and Telecommunications, 2015, 61, 121-127.	0.6	5
16	3D-HEVC extension for circular camera arrangements. , 2015, , .		14
17	Intra Predictive Depth Map Coding Using Flexible Block Partitioning. IEEE Transactions on Image Processing, 2015, 24, 4055-4068.	6.0	21
18	Fast depth estimation on mobile platforms and FPGA devices. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Estimation of temporally-consistent depth maps from video with reduced noise. , 2015, , .		3
20	Bitrate distribution of syntax elements in the HEVC encoded video. , 2014, , .		10
21	Experiments on acquisition and processing of video for free-viewpoint television. , 2014, , .		6
22	Analysis of noise in multi-camera systems. , 2014, , .		3
23	Quantization optimization in multiview plus depth video coding. , 2014, , .		10
24	Transformation of depth maps produced by ToF cameras. , 2014, , .		0
25	Occlusion handling in depth estimation from multiview video. , 2014, , .		3
26	Analysis of Frame Partitioning in HEVC. Lecture Notes in Computer Science, 2014, , 602-609.	1.0	3
27	High Efficiency 3D Video Coding Using New Tools Based on View Synthesis. IEEE Transactions on Image Processing, 2013, 22, 3517-3527.	6.0	43
28	Nonlinear depth representation for 3D video coding. , 2013, , .		6
29	Limitations of vehicle length estimation using stereoscopic video analysis. , 2013, , .		2
30	Methodology for 3D Video Subjective Quality Evaluation. International Journal of Electronics and Telecommunications, 2013, 59, 25-32.	0.5	5
31	Vehicle dimensions estimation scheme using AAM on stereoscopic video. , 2013, , .		3
32	Video quality in multiple HEVC encoding-decoding cycles. , 2013, , .		5
33	3D video compression by coding of disoccluded regions. , 2012, , .		8
34	Subjective quality assessment methodology for 3D video compression technology. , 2012, , .		5
35	Coding of multiple video&#x002B;depth using HEVC technology and reduced representations of side views and depth maps. , 2012, , .		12
36	Extensions of the HEVC technology for efficient multiview video coding. , 2012, , .		12

#	ARTICLE	IF	CITATIONS
37	Error concealment for MVC and 3D video coding. , 2010, , .		9
38	Stereoscopic depth refinement by mid-level hypothesis. , 2010, , .		3
39	Stereoscopic depth estimation using fuzzy segment matching. , 2010, , .		1
40	Efficient Transmission of 3D Video Using MPEG-4 AVC/H.264 Compression Technology. Lecture Notes in Computer Science, 2010, , 145-156.	1.0	0
41	Generation of Temporally Consistent Depth Maps Using Noise Removal from Video. Lecture Notes in Computer Science, 2010, , 292-299.	1.0	1
42	Distortions of synthesized views caused by compression of views and depth maps. , 2009, , .		15
43	Similarity measures for depth estimation. , 2009, , .		12
44	A hybrid technique for stereoscopic depth estimation in video. , 2008, , .		1