

# 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  | Depth estimation using modified cost function for occlusion handling. Signal, Image and Video Processing, 2019, 13, 1539-1547.   | 2.7 | 2         |
| 2  | Analysis of Video Quality Losses in Homogeneous HEVC Video Transcoding. IEEE Access, 2019, 7, 96764-96774.   | 4.2 | 3         |
| 3  | Efficient Depth-Based Coding. Signals and Communication Technology, 2019, , 97-114.  | 0.5 | 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.                                       | 0.9 | 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. | 0.6 | 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.  | 1.3 | 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.   | 9.8 | 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.   | 1.3 | 3         |
| 27 | High Efficiency 3D Video Coding Using New Tools Based on View Synthesis. IEEE Transactions on Image Processing, 2013, 22, 3517-3527.  | 9.8 | 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. | 1.3 | 0         |
| 41 | Generation of Temporally Consistent Depth Maps Using Noise Removal from Video. Lecture Notes in Computer Science, 2010, , 292-299.    | 1.3 | 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         |