## Toni Ilkka Olavi Virtanen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/91518/publications.pdf

Version: 2024-02-01

22 papers 334 citations

1477746 6 h-index 1125271 13 g-index

22 all docs 22 docs citations

times ranked

22

272 citing authors

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | CID2013: A Database for Evaluating No-Reference Image Quality Assessment Algorithms. IEEE Transactions on Image Processing, 2015, 24, 390-402.   | 6.0 | 125       |
| 2  | CVD2014â€"A Database for Evaluating No-Reference Video Quality Assessment Algorithms. IEEE Transactions on Image Processing, 2016, 25, 3073-3086.  | 6.0 | 97        |
| 3  | Evaluating the multivariate visual quality performance of image-processing components. ACM Transactions on Applied Perception, 2010, 7, 1-16.  | 1.2 | 18        |
| 4  | Subjective experience of image quality: attributes, definitions, and decision making of subjective image quality., 2009,,.   |     | 12        |
| 5  | Categorization of Natural Dynamic Audiovisual Scenes. PLoS ONE, 2014, 9, e95848.   | 1.1 | 12        |
| 6  | VQone MATLAB toolbox: A graphical experiment builder for image and video quality evaluations. Behavior Research Methods, 2016, 48, 138-150.  | 2.3 | 10        |
| 7  | Image feature subsets for predicting the quality of consumer camera images and identifying quality dimensions. Journal of Electronic Imaging, 2014, 23, 061111.                                    | 0.5 | 9         |
| 8  | Concurrent explanations can enhance visual decision making. Acta Psychologica, 2014, 145, 65-74.   | 0.7 | 7         |
| 9  | Audiovisual quality estimation of mobile phone video cameras with interpretation-based quality approach., 2007,,.  |     | 6         |
| 10 | Forming valid scales for subjective video quality measurement based on a hybrid qualitative/quantitative methodology. , 2008, , .  |     | 6         |
| 11 | Evaluation of the visual performance of image processing pipes: information value of subjective image attributes. , 2010, , .  |     | 6         |
| 12 | A new method for evaluating the subjective image quality of photographs: dynamic reference. Multimedia Tools and Applications, 2016, 75, 2367-2391.  | 2.6 | 6         |
| 13 | Performance measure of image and video quality assessment algorithms: subjective root-mean-square error. Journal of Electronic Imaging, 2016, 25, 023012.  | 0.5 | 5         |
| 14 | Why is quality estimation judgment fast? Comparison of gaze control strategies in quality and difference estimation tasks. Journal of Electronic Imaging, 2014, 23, 061103.                        | 0.5 | 4         |
| 15 | Measuring multivariate subjective image quality for still and video cameras and image processing system components. Proceedings of SPIE, 2008, , .   | 0.8 | 2         |
| 16 | Videospace: classification of video through shooting context information. , 2010, , .  |     | 2         |
| 17 | Image quality wheel. Journal of Electronic Imaging, 2019, 28, 1.   | 0.5 | 2         |
| 18 | Underlying elements of image quality assessment: Preference and terminology for communicating image quality characteristics Psychology of Aesthetics, Creativity, and the Arts, 2022, 16, 135-147. | 1.0 | 2         |

| #  | Article  | IF | CITATIONS |
|----|--|----|-----------|
| 19 | How do we watch images? A case of change detection and quality estimation. , 2012, , .                               |    | 1         |
| 20 | Features for Predicting Quality of Images Captured by Digital Cameras. , 2012, , .                                   |    | 1         |
| 21 | Automatic exposure and white balance control in video cameras: Time course characterization and preference., 2013,,. |    | 1         |
| 22 | Alternative performance metrics and target values for the CID2013 database. , 2015, , .                              |    | 0         |