Emil Dumic

List of Publications by Year
in descending order

44 papers	299 citations	1307366 7 h-index	1199470 12 g-index
44 all docs	44 docs citations	44 times ranked	257 citing authors

#	Article	IF	Citations
1	VCL@FER Image Quality Assessment Database. Automatika, 2012, 53, 344-354.	1.2	48
2	Quality Evaluation Of Static Point Clouds Encoded Using MPEG Codecs. , 2020, , .		39
3	Point Cloud Subjective Evaluation Methodology based on 2D Rendering. , 2018, , .		37
4	Point cloud quality evaluation: Towards a definition for test conditions. , 2019, , .		23
5	New image-quality measure based on wavelets. Journal of Electronic Imaging, 2010, 19, 011018.	0.5	18
6	IQM2: new image quality measure based on steerable pyramid wavelet transform and structural similarity index. Signal, Image and Video Processing, 2014, 8, 1159-1168.	1.7	17
7	Comparison of HDTV formats using objective video quality measures. Multimedia Tools and Applications, 2010, 49, 409-424.	2.6	12
8	Subjective evaluation and objective measures for point clouds â€" State of the art. , 2018, , .		12
9	3D video subjective quality: a new database and grade comparison study. Multimedia Tools and Applications, 2017, 76, 2087-2109.	2.6	9
10	Subjective quality assessment of H.265 versus H.264 Video Coding for High-Definition Video Systems. , 2015, , .		8
11	Point Cloud Coding Solutions, Subjective Assessment and Objective Measures: A Case Study. Symmetry, 2020, 12, 1955.	1.1	8
12	Bilateral Asymmetry Detection in Digital Mammography Using B-Spline Interpolation. , 2009, , .		7
13	Dynamic Point Cloud Compression Based on Projections, Surface Reconstruction and Video Compression. Sensors, 2022, 22, 197.	2.1	7
14	Comparison of Remote Subjective Assessment Strategies in the Context of the JPEG Pleno Point Cloud Activity. , 2021, , .		6
15	Point cloud subjective evaluation methodology based on reconstructed surfaces. , 2018, , .		5
16	Benchmark of state of the art objective measures for 3D stereoscopic video quality assessment on the Nantes database. , 2014, , .		4
17	Study of Subjective and Objective Quality Evaluation of 3D Point Cloud Data by the JPEG Committee. IS&T International Symposium on Electronic Imaging, 2019, 31, 312-1-312-7.	0.3	4
18	Projection based dynamic point cloud compression using 3DTK toolkit and H.265/HEVC. , 2019, , .		4

#	Article	IF	Citations
19	Point Cloud Visualization Methods: a Study on Subjective Preferences. , 2021, , .		4
20	Image Interpolation Method Based on Wavelets. , 2007, , .		3
21	Hidden influences on image quality when comparing interpolation methods. , 2008, , .		3
22	Simulating DVB-T to DVB-T2 migration opportunities in Croatian TV broadcasting. , 2014, , .		3
23	Comparison of Dirac and H.264/AVC Coding Quality Using Objective Video Quality Measures. , 2009, , .		2
24	Objective quality measures comparison of impaired 3D video sequences from the UC3D database. , 2014, , .		2
25	Evaluation of Blur and Gaussian Noise Degradation in Images Using Statistical Model of Natural Scene and Perceptual Image Quality Measure. Radioengineering, 2017, 26, 930-937.	0.3	2
26	Crowdsourced subjective 3D video quality assessment. Multimedia Systems, 2019, 25, 673-694.	3.0	2
27	Transmission of 3D Video Content. Signals and Communication Technology, 2019, , 195-221.	0.4	2
28	New image quality measure based on wavelets. Proceedings of SPIE, 2009, , .	0.8	1
29	Evaluation of Transmission Channel Models Based on Simulations and Measurements in Real Channels. Frequenz, 2012, 66, .	0.6	1
30	STESCAL3D: Subjective evaluation of HD stereo video streaming using H.264 SVC in diverse laboratory environments. , 2015, , .		1
31	Classification of image degradation using Riesz transform. , 2016, , .		1
32	Simulation of Radio Wave Propagation Models on 800 MHz and 1.8 GHz in the City of Dubrovnik. , 2018, , .		1
33	Quality of Experience and Quality of Service Metrics for 3D Content. Signals and Communication Technology, 2019, , 267-297.	0.4	1
34	No-Reference Objective Video Quality Measure for Frame Freezing Degradation. Sensors, 2019, 19, 4655.	2.1	1
35	Exploring the Characteristics of High Definition Television Systems. Studies in Computational Intelligence, 2009, , 341-373.	0.7	1
36	Quality assessment of interpolated images. , 2007, , .		0

#	Article	IF	Citations
37	Simulation Model for DVB-SH Systems Based on OFDM for Analyzing Quasi-error-free Communication over Different Channel Models. Frequenz, 2014, 68, .	0.6	0
38	Empirical channel model for communication in urban areas with a hilly region. , 2015, , .		0
39	3D Video Tools. Signals and Communication Technology, 2019, , 223-265.	0.4	0
40	EDUCATIONAL SOFTWARE TOOL FOR DIFFERENT WAVELET BASED METHODS: WAVDEC. , 2019, , .		0
41	C# CALCULATOR APPLICATION AS A TOOL TO LEARN OBJECT ORIENTED PROGRAMMING. , 2019, , .		0
42	SIMULATION AND ANALYSIS OF END-TO-END RADIO FREQUENCY TRANSCEIVER USING EDUCATIONAL KIT. , 2019, , .		0
43	DIGITAL IMAGE PROCESSING COURSE EXAMPLE: OBJECTIVE IMAGE QUALITY MEASURE APPLICATION. , 2020, , .		0
44	DEVELOPING THE LABORATORY MODELS FOR WIRELESS ENERGY TRANSMISSION. EDULEARN Proceedings, 2020, , .	0.0	0