Touradj Ebrahimi

List of Publications by Year
in descending order

77 papers	3,642 citations	304602 22 h-index	345118 36 g-index
77 all docs	77 docs citations	77 times ranked	3028 citing authors

#	Article	IF	Citations
1	An in-depth analysis of single-image subjective quality assessment of light field contents. , 2019, , .		3
2	JPEG Pleno: Providing representation interoperability for holographic applications and devices. ETRI Journal, 2019, 41, 93-108.	1.2	37
3	A comprehensive study of the rate-distortion performance in MPEG point cloud compression. APSIPA Transactions on Signal and Information Processing, 2019, 8, .	2.6	72
4	Overview and evaluation of the JPEGÂXT HDR image compression standard. Journal of Real-Time Image Processing, 2019, 16, 413-428.	2.2	45
5	Rendering-dependent compression and quality evaluation for light field contents. , 2019, , .		0
6	Comparison of Interactive Subjective Methodologies for Light Field Quality Evaluation. , 2018, , .		1
7	Quality Assessment Of Compression Solutions for Icip 2017 Grand Challenge on Light Field Image Coding. , 2018, , .		15
8	Comparison of Compression Efficiency between HEVC/H.265, VP9 and AV1 based on Subjective Quality Assessments. , 2018, , .		31
9	A Rendering Solution to Display Light Field in Virtual Reality. , 2018, , .		2
10	JPEG Pleno: a standard framework for representing and signaling plenoptic modalities. , 2018, , .		15
11	Evaluation of JPEG XT for high dynamic range cameras. Signal Processing: Image Communication, 2017, 50, 9-20.	1.8	3
12	Comparison and Evaluation of Light Field Image Coding Approaches. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 1092-1106.	7.3	70
13	Privacy protection of toneâ€mapped HDR images using false colours. IET Signal Processing, 2017, 11, 1055-1061.	0.9	3
14	Image privacy protection with secure JPEG transmorphing. IET Signal Processing, 2017, 11, 1031-1038.	0.9	20
15	A new framework for interactive quality assessment with application to light field coding. , 2017, , .		2
16	How to benchmark objective quality metrics from paired comparison data?. , 2016, , .		20
17	JPEG Pleno: Toward an Efficient Representation of Visual Reality. IEEE MultiMedia, 2016, 23, 14-20.	1.5	136
18	Using false colors to protect visual privacy of sensitive content. Proceedings of SPIE, 2015, , .	0.8	3

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19	Rate-distortion evaluation for two-layer coding systems. , 2015, , .		2
20	Quality evaluation of HEVC and VP9 video compression in real-time applications. , 2015, , .		22
21	Subjective quality assessment database of HDR images compressed with JPEG XT. , 2015, , .		36
22	HDR image compression: A new challenge for objective quality metrics. , 2014, , .		26
23	Scrambling-based tool for secure protection of JPEG images. , 2014, , .		14
24	Towards optimal distortion-based visual privacy filters. , 2014, , .		7
25	Subjective evaluation of two stereoscopic imaging systems exploiting visual attention to improve 3D quality of experience. Proceedings of SPIE, 2014, , .	0.8	4
26	Crowdsourcing evaluation of high dynamic range image compression. Proceedings of SPIE, 2014, , .	0.8	4
27	Cross-lab subjective evaluation of the MVC+D and 3D-AVC 3D video coding standards. , 2014, , .		2
28	Comparison of compression efficiency between HEVC/H.265 and VP9 based on subjective assessments. Proceedings of SPIE, 2014, , .	0.8	25
29	Crowdsourcing-based evaluation of privacy in HDR images. Proceedings of SPIE, 2014, , .	0.8	8
30	Calculation of average coding efficiency based on subjective quality scores. Journal of Visual Communication and Image Representation, 2014, 25, 555-564.	1.7	98
31	Implicit affective profiling of subjects based on physiological data coupling. Brain-Computer Interfaces, 2014, 1, 85-98.	0.9	7
32	Audiovisual focus of attention and its application to Ultra High Definition video compression. , 2014, , .		1
33	Evaluation of privacy in high dynamic range video sequences. Proceedings of SPIE, 2014, , .	0.8	3
34	Compression Performance Analysis in HEVC. Integrated Circuits and Systems, 2014, , 275-302.	0.2	6
35	Paired comparison-based subjective quality assessment of stereoscopic images. Multimedia Tools and Applications, 2013, 67, 31-48.	2.6	46
36	Objective quality metrics for video scalability. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
37	Benchmarking of quality metrics on ultra-high definition video sequences. , 2013, , .		22
38	Using warping for privacy protection in video surveillance. , 2013, , .		59
39	Context-dependent JPEG backward-compatible high-dynamic range image compression. Optical Engineering, 2013, 52, 102006.	0.5	16
40	Toward Emotional Annotation of Multimedia Contents. Computer Communications and Networks, 2013, , 239-259.	0.8	2
41	Subjective quality evaluation of the upcoming HEVC video compression standard. , 2012, , .		57
42	Perceptual Video Compression: A Survey. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 684-697.	7.3	102
43	Quality assessment of a stereo pair formed from decoded and synthesized views using objective metrics. , 2012, , .		17
44	Quality assessment of asymmetric stereo pair formed from decoded and synthesized views. , 2012, , .		14
45	Electroencephalogram alterations during perception of pleasant and unpleasant odors. , 2012, , .		27
46	Quality assessment of multidimensional video scalability. IEEE Communications Magazine, 2012, 50, 38-46.	4.9	279
47	Geotag propagation in social networks based on user trust model. Multimedia Tools and Applications, 2012, 56, 155-177.	2.6	16
48	Social game epitome versus automatic visual analysis. , 2011, , .		1
49	Subjective Quality Evaluation via Paired Comparison: Application to Scalable Video Coding. IEEE Transactions on Multimedia, 2011, 13, 882-893.	5.2	86
50	Omnidirectional object duplicate detection. , 2011, , .		0
51	Efficient video coding based on audio-visual focus of attention. Journal of Visual Communication and Image Representation, 2011, 22, 704-711.	1.7	33
52	Towards high efficiency video coding: Subjective evaluation of potential coding technologies. Journal of Visual Communication and Image Representation, 2011, 22, 734-748.	1.7	34
53	Subjective Quality Evaluation of Foveated Video Coding Using Audio-Visual Focus of Attention. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 1322-1331.	7.3	23
54	Subjective evaluation of scalable video coding for content distribution. , 2010, , .		32

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55	Implicit retrieval of salient images using Brain Computer Interface. , 2010, , .		3
56	A framework for the validation of privacy protection solutions in video surveillance. , 2010, , .		63
57	Encoder and decoder side global and local motion estimation for Distributed Video Coding. , 2010, , .		11
58	Error-resilient scalable compression based on distributed video coding. Signal Processing: Image Communication, 2009, 24, 437-451.	1.8	6
59	The JPEG XR image coding standard [Standards in a Nutshell]. IEEE Signal Processing Magazine, 2009, 26, 195-204.	4.6	147
60	Video coding based on audio-visual attention. , 2009, , .		11
61	Graph-based approach for 3D object duplicate detection. , 2009, , .		7
62	Efficient video coding in H.264/AVC by using audio-visual information. , 2009, , .		3
63	Influence of audio-visual attention on perceived quality of standard definition multimedia content. , 2009, , .		13
64	Implicit emotional tagging of multimedia using EEG signals and brain computer interface. , 2009, , .		45
65	Subjective evaluation of JPEG XR image compression. Proceedings of SPIE, 2009, , .	0.8	35
66	An efficient P300-based brain–computer interface for disabled subjects. Journal of Neuroscience Methods, 2008, 167, 115-125.	1.3	721
67	Scrambling for Privacy Protection in Video Surveillance Systems. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1168-1174.	5.6	217
68	Distributed Monoview and Multiview Video Coding. IEEE Signal Processing Magazine, 2007, 24, 67-76.	4.6	125
69	Recent advances in MPEG-7 cameras. , 2006, , .		3
70	Cast shadow segmentation using invariant color features. Computer Vision and Image Understanding, 2004, 95, 238-259.	3.0	312
71	Video surveillance using JPEG 2000. , 2004, 5558, 268.		24
72	Error-resilient video coding performance analysis of motion JPEG2000 and MPEG-4. , 2004, 5308, 596.		9

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73	Spatio-temporal shadow segmentation and tracking. , 2003, , .		8
74	JPEG 2000 performance evaluation and assessment. Signal Processing: Image Communication, 2002, 17, 113-130.	1.8	111
75	<title>JPEG 2000 still image coding versus other standards</title>. , 2000, , .		80
76	MPEG-4 natural video coding â€" An overview. Signal Processing: Image Communication, 2000, 15, 365-385.	1.8	75
77	JPWLâ€" JPEG 2000 Wireless (Part 11). , 0, , 229-248.		0