

Mislav Grgic

List of Publications by Year in descending order

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65
papers

1,533
citations

623574

14
h-index

414303

32
g-index

68
all docs

68
docs citations

68
times ranked

1329
citing authors

#	ARTICLE	IF	CITATIONS
1	SCface – surveillance cameras face database. Multimedia Tools and Applications, 2011, 51, 863-879.	2.6	379
2	Independent comparative study of PCA, ICA, and LDA on the FERET data set. International Journal of Imaging Systems and Technology, 2005, 15, 252-260.	2.7	217
3	Performance analysis of image compression using wavelets. IEEE Transactions on Industrial Electronics, 2001, 48, 682-695.	5.2	192
4	Robust automatic breast and pectoral muscle segmentation from scanned mammograms. Signal Processing, 2013, 93, 2817-2827.	2.1	71
5	Review of recent advances in segmentation of the breast boundary and the pectoral muscle in mammograms. Medical and Biological Engineering and Computing, 2016, 54, 1003-1024.	1.6	69
6	Picture quality measures in image compression systems. , 0, , .		68
7	Breast Density Classification Using Multiple Feature Selection. Automatika, 2012, 53, 362-372.	1.2	59
8	A Survey of Image Processing Algorithms in Digital Mammography. Studies in Computational Intelligence, 2009, , 631-657.	0.7	54
9	Modified SPIHT algorithm for wavelet packet image coding. Real Time Imaging, 2005, 11, 378-388.	1.6	37
10	Breast border extraction and pectoral muscle detection using wavelet decomposition. , 2009, , .		36
11	Blind image sharpness assessment based on local contrast map statistics. Journal of Visual Communication and Image Representation, 2018, 50, 145-158.	1.7	33
12	Face recognition in JPEG and JPEG2000 compressed domain. Image and Vision Computing, 2009, 27, 1108-1120.	2.7	30
13	Mobile User Positioning in GSM/UMTS Cellular Networks. Proceedings ELMAR, 2006, , .	0.0	28
14	Effects of JPEG and JPEG2000 Compression on Face Recognition. Lecture Notes in Computer Science, 2005, , 136-145.	1.0	24
15	Fuzzy Logic Power Control in Cognitive Radio. , 2009, , .		22
16	New image-quality measure based on wavelets. Journal of Electronic Imaging, 2010, 19, 011018.	0.5	18
17	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
18	The Influence of Impairments from Digital Compression of Video Signal on Perceived Picture Quality. , 1996, , 245-248.		13

#	ARTICLE	IF	CITATIONS
19	Comparison of HDTV formats using objective video quality measures. Multimedia Tools and Applications, 2010, 49, 409-424.	2.6	12
20	Exploring Different Unplugged Game-like Activities for Teaching Computational Thinking. , 2018, , .		11
21	Optimal decomposition for wavelet image compression. , 0, , .		9
22	Comparison of Color Difference Equations. Proceedings ELMAR, 2006, , .	0.0	9
23	JavaScript Access to DICOM Network and Objects in Web Browser. Journal of Digital Imaging, 2017, 30, 537-546.	1.6	9
24	Use of volumetric features for temporal comparison of mass lesions in full field digital mammograms. Medical Physics, 2014, 41, 021902.	1.6	8
25	Efficient presentation of DICOM mammography images using Matlab. , 2008, , .		7
26	Bilateral Asymmetry Detection in Digital Mammography Using B-Spline Interpolation. , 2009, , .		7
27	Scalable video coding in network applications. , 0, , .		6
28	Modified SPIHT algorithm for wavelet packet image coding. , 0, , .		6
29	Comparative study of JPEG and JPEG2000 image coders. , 0, , .		6
30	OFDM error floor based EVM estimation. , 2016, , .		6
31	Supporting economically disadvantaged students from Nicaragua in STEM-C fields. , 2016, , .		5
32	Acquisition of a Face Database for Video Surveillance Research. , 2006, , .		4
33	Towards Face Recognition in JPEG2000 Compressed Domain. , 2007, , .		4
34	Image Interpolation Method Based on Wavelets. , 2007, , .		3
35	Hidden influences on image quality when comparing interpolation methods. , 2008, , .		3
36	Cognitive radio frequency assignment with interference weighting and categorization. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	3

#	ARTICLE	IF	CITATIONS
37	Colour balancing using sclera colour. IET Image Processing, 2018, 12, 416-421.	1.4	3
38	Is There Still a Place for Peer-to-Peer in the DICOM World?. , 2018, , .		3
39	DCTlab: Educational Software for Still Image Compression and its Application in a Digital Television Course. International Journal of Electrical Engineering and Education, 2001, 38, 187-198.	0.4	2
40	Interconnection between WLAN and 3GPP Networks. Proceedings ELMAR, 2006, , .	0.0	2
41	Relative surface of the WiMAX cell covered with modox of the signal. Proceedings ELMAR, 2007, , .	0.0	2
42	Location Technologies for Mobile Networks. , 2007, , .		2
43	Novel pattern recognition-based methods for re-identification in biometric context. Pattern Recognition Letters, 2012, 33, 1817-1819.	2.6	2
44	Alignment of X-ray bone images. , 2014, , .		2
45	Enabling multimedia services in unified access network. , 0, , .		1
46	CATV broadband technologies. , 0, , .		1
47	ImAn - educational tool for image analysis. , 0, , .		1
48	Picture Format Conversion for TV Projection. Proceedings ELMAR, 2006, , .	0.0	1
49	Corresponding colors: visual and predictive data. Proceedings ELMAR, 2007, , .	0.0	1
50	Influence of background and surround on image color matching. International Journal of Imaging Systems and Technology, 2007, 17, 244-251.	2.7	1
51	Relative surface variation as a function of base station antenna heights at WiMAX Cell. , 2008, , .		1
52	New image quality measure based on wavelets. Proceedings of SPIE, 2009, , .	0.8	1
53	Special issue on advances in image and video processing techniques. Multimedia Tools and Applications, 2010, 49, 405-408.	2.6	1
54	What (de)motivates one to volunteer in K-12 STEM-C outreach activities?. , 2017, , .		1

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55	Breast Density Classification Using Multiple Feature Selection. <i>Automatika</i> , 2012, 53, .	1.2	1
56	ANALYSIS OF TCP/IP PROTOCOL BEHAVIOUR IN A CONGESTED MULTIMEDIA COMPUTER NETWORK. , 2002, , .		1
57	Analysis of effects of network latency on multimedia data transfer in broadband communications networks. , 0, , .		0
58	Quality assessment of interpolated images. , 2007, , .		0
59	Megapixel surveillance imaging over broadband wireless network infrastructure. <i>Proceedings ELMAR</i> , 2007, , .	0.0	0
60	Broadcast system integration for parliament television. , 2007, , .		0
61	Simple method for intermodulation products counting in multicarrier systems. <i>AEU - International Journal of Electronics and Communications</i> , 2008, 62, 148-154.	1.7	0
62	Wide-Scale Video Conferencing over Radio Network Infrastructure. , 2009, , .		0
63	Message from the IWCMC 2015 chairs. , 2015, , .		0
64	Exploring WebRTC Potential for DICOM File Sharing. <i>Journal of Digital Imaging</i> , 2020, 33, 697-707.	1.6	0
65	Comparison of Lesion Size Using Area and Volume in Full Field Digital Mammograms. <i>Lecture Notes in Computer Science</i> , 2012, , 96-103.	1.0	0