

# Sonja Grgic

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,177  
citations

759055

12  
h-index

610775

24  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grayscale Image Colorization Methods: Overview and Evaluation. IEEE Access, 2021, 9, 113326-113346.	2.6	26
2	Real-Time Detection and Recognition of Cards in the Game of Set. , 2021, , .		0
3	Learning the Principles of Art History with convolutional neural networks. Pattern Recognition Letters, 2020, 129, 56-62.	2.6	26
4	PhotoGrade â€œ Fast and Effective Application for Digital Photo Editing. , 2020, , .		0
5	An Overview of Grayscale Image Colorization Methods. , 2020, , .		11
6	A proposal for characterizing global light pollution using a LEO nanosatellite. , 2019, , .		0
7	A Deep Learning Perspective on Beauty, Sentiment, and Remembrance of Art. IEEE Access, 2019, 7, 73694-73710.	2.6	47
8	Blind image sharpness assessment based on local contrast map statistics. Journal of Visual Communication and Image Representation, 2018, 50, 145-158.	1.7	33
9	How Convolutional Neural Networks Remember Art. , 2018, , .		2
10	Fine-tuning Convolutional Neural Networks for fine art classification. Expert Systems With Applications, 2018, 114, 107-118.	4.4	141
11	3D video subjective quality: a new database and grade comparison study. Multimedia Tools and Applications, 2017, 76, 2087-2109.	2.6	9
12	Choice of video coding standard for future DVB-T2 networks in Croatia. , 2016, , .		1
13	Classification of image degradation using Riesz transform. , 2016, , .		1
14	Genre classification of paintings. , 2016, , .		9
15	Combining cellular automata and local binary patterns for copy-move forgery detection. Multimedia Tools and Applications, 2016, 75, 16881-16903.	2.6	20
16	Subjective quality assessment of H.265 versus H.264 Video Coding for High-Definition Video Systems. , 2015, , .		8
17	PPDR network implementation options. , 2015, , .		0
18	Video frame copy-move forgery detection based on Cellular Automata and Local Binary Patterns. , 2014, , .		14

#	ARTICLE	IF	CITATIONS
19	Simulating DVB-T to DVB-T2 migration opportunities in Croatian TV broadcasting. , 2014, , .		3
20	Objective quality measures comparison of impaired 3D video sequences from the UC3D database. , 2014, , .		2
21	Benchmark of state of the art objective measures for 3D stereoscopic video quality assessment on the Nantes database. , 2014, , .		4
22	Copy-Move Forgery Detection Using Cellular Automata. Emergence, Complexity and Computation, 2014, , 105-125.	0.2	11
23	Evaluation of Transmission Channel Models Based on Simulations and Measurements in Real Channels. Frequenz, 2012, 66, .	0.6	1
24	VCL@FER Image Quality Assessment Database. Automatika, 2012, 53, 344-354.	1.2	48
25	SCface "surveillance cameras face database. Multimedia Tools and Applications, 2011, 51, 863-879.	2.6	379
26	Comparison of HDTV formats using objective video quality measures. Multimedia Tools and Applications, 2010, 49, 409-424.	2.6	12
27	Comparison of Dirac and H.264/AVC Coding Quality Using Objective Video Quality Measures. , 2009, , .		2
28	Fuzzy Logic Power Control in Cognitive Radio. , 2009, , .		22
29	Face recognition in JPEG and JPEG2000 compressed domain. Image and Vision Computing, 2009, 27, 1108-1120.	2.7	30
30	New image quality measure based on wavelets. Proceedings of SPIE, 2009, , .	0.8	1
31	Comparison of Video Coding Standards Used in Mobile Applications. , 2009, , 133-149.		1
32	Exploring the Characteristics of High Definition Television Systems. Studies in Computational Intelligence, 2009, , 341-373.	0.7	1
33	Simple method for intermodulation products counting in multicarrier systems. AEU - International Journal of Electronics and Communications, 2008, 62, 148-154.	1.7	0
34	Hidden influences on image quality when comparing interpolation methods. , 2008, , .		3
35	Conversion demands on TV archive. Proceedings ELMAR, 2007, , .	0.0	0
36	Towards Face Recognition in JPEG2000 Compressed Domain. , 2007, , .		4

#	ARTICLE	IF	CITATIONS
37	Adaptive modulation in microwave networks. , 2007, , .		0
38	Comparison of H.264/AVC and MPEG-4 ASP coding techniques designed for mobile applications using objective quality assessment methods. Proceedings ELMAR, 2007, , .	0.0	4
39	Quality assessment of interpolated images. , 2007, , .		0
40	Image Interpolation Method Based on Wavelets. , 2007, , .		3
41	The impact of Doppler shift on mobile communication reception in DVB-H system. Proceedings ELMAR, 2007, , .	0.0	0
42	Different Color Attributes between Hard-copy and Soft-copy Images. , 2007, , .		0
43	Methodology of Path Loss Calculation using Measurement Results. , 2007, , .		5
44	Influence of background and surround on image color matching. International Journal of Imaging Systems and Technology, 2007, 17, 244-251.	2.7	1
45	Picture Format Conversion for TV Projection. Proceedings ELMAR, 2006, , .	0.0	1
46	Comparison of Color Difference Equations. Proceedings ELMAR, 2006, , .	0.0	9
47	Minimizing Power Consumption of the DVB-H Receiver. Proceedings ELMAR, 2006, , .	0.0	2
48	Modified SPIHT algorithm for wavelet packet image coding. Real Time Imaging, 2005, 11, 378-388.	1.6	37
49	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
50	Effects of JPEG and JPEG2000 Compression on Face Recognition. Lecture Notes in Computer Science, 2005, , 136-145.	1.0	24
51	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