Zeno Jmh Geradts

List of Publications by Year
in descending order

63 papers	**872** citations
567144 **15** h-index	580701 **25** g-index
72 all docs	**72** docs citations
72 times ranked	**581** citing authors

#	ARTICLE	IF	CITATIONS
1	<title>Methods for identification of images acquired with digital cameras</title>. , 2001, , .		126
2	Source Camera Identification for Heavily JPEG Compressed Low Resolution Still Images*. Journal of Forensic Sciences, 2009, 54, 628-638.	0.9	96
3	The image-database REBEZO for shoeprints with developments on automatic classification of shoe outsole designs. Forensic Science International, 1996, 82, 21-31.	1.3	80
4	Source video camera identification for multiply compressed videos originating from YouTube. Digital Investigation, 2009, 6, 48-60.	3.2	54
5	The interface between forensic science and technology: how technology could cause a paradigm shift in the role of forensic institutes in the criminal justice system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140264.	1.8	45
6	Using the ENF Criterion for Determining the Time of Recording of Short Digital Audio Recordings. Lecture Notes in Computer Science, 2009, , 116-124.	1.0	41
7	Improving source camera identification using a simplified total variation based noise removal algorithm. Digital Investigation, 2013, 10, 207-214.	3.2	29
8	Image matching algorithms for breech face marks and firing pins in a database of spent cartridge cases of firearms. Forensic Science International, 2001, 119, 97-106.	1.3	26
9	Evaluating OpenFace: an open-source automatic facial comparison algorithm for forensics. Forensic Sciences Research, 2018, 3, 202-209.	0.9	26
10	Using Anisotropic Diffusion for Efficient Extraction of Sensor Noise in Camera Identification. Journal of Forensic Sciences, 2012, 57, 521-527.	0.9	22
11	Critical review of the use and scientific basis of forensic gait analysis. Forensic Sciences Research, 2018, 3, 183-193.	0.9	22
12	Content Based Information Retrieval in Forensic Image Databases. Journal of Forensic Sciences, 2002, 47, 285-292.	0.9	19
13	Common source identification of images in large databases. Forensic Science International, 2014, 244, 222-230.	1.3	18
14	A new model for forensic data extraction from encrypted mobile devices. Forensic Science International: Digital Investigation, 2021, 38, 301169.	1.2	18
15	Source Camera Identification for Low Resolution Heavily Compressed Images. , 2008, , .		17
16	Source camera identification using Photo Response Non-Uniformity on WhatsApp. Digital Investigation, 2018, 24, 142-154.	3.2	17
17	Google timeline accuracy assessment and error prediction. Forensic Sciences Research, 2018, 3, 240-255.	0.9	16
18	Clothing identification via deep learning: forensic applications. Forensic Sciences Research, 2018, 3, 219-229.	0.9	14

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19	A New Approach to Automatic Comparison of Striation Marks. Journal of Forensic Sciences, 1994, 39, 974-980.	0.9	14
20	Likelihood Ratios for Deep Neural Networks in Face Comparison. Journal of Forensic Sciences, 2020, 65, 1169-1183.	0.9	13
21	<title>Pattern recognition in a database of cartridge cases</title>. , 1999, 3576, 104.		10
22	<title>Pilot investigation of automatic comparison of striation marks with structured light</title>. , 2001, , .		9
23	Digital, big data and computational forensics. Forensic Sciences Research, 2018, 3, 179-182.	0.9	9
24	Implementation of the likelihood ratio framework for camera identification based on sensor noise patterns. Law, Probability and Risk, 2011, 10, 149-159.	1.2	8
25	The Possibilities and Limitations of Forensic Hand Comparison. Journal of Forensic Sciences, 2014, 59, 1559-1567.	0.9	8
26	Automatic comparison of striation marks and automatic classification of shoe prints. , 1995, , .		7
27	<title>Use of gait parameters of persons in video surveillance systems</title>. , 2002, 4709, 16.		7
28	A Jungle Computing approach to common image source identification in large collections of images. Digital Investigation, 2018, 27, 3-16.	3.2	7
29	Camera recognition with deep learning. Forensic Sciences Research, 2018, 3, 210-218.	0.9	7
30	New developments in forensic image processing and pattern recognition. Science and Justice - Journal of the Forensic Science Society, 2001, 41, 159-166.	1.3	6
31	Factors that Influence PRNU-Based Camera-Identification via Videos. Journal of Imaging, 2021, 7, 8.	1.7	6
32	Verification of Video Source Camera Competition (CAMCOM 2010). Lecture Notes in Computer Science, 2010, , 22-28.	1.0	6
33	<title>Forensic photo/videogrammetry: Monte Carlo simulation of pixel and measurement errors</title>. , 1999, , .		5
34	<title>Evaluation of contents-based image retrieval methods for a database of logos on drug tablets</title>. , 2001, , .		5
35	ENFSI Forensic IT Working group. Digital Investigation, 2011, 8, 94-95.	3.2	5
36	Using Sensor Noise to Identify Low Resolution Compressed Videos from YouTube. Lecture Notes in Computer Science, 2009, , 104-115.	1.0	5

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37	Calibration of score based likelihood ratio estimation in automated forensic facial image comparison. Forensic Science International, 2022, 334, 111239.	1.3	5
38	<title>Image matching algorithms for breech face marks and firing pins in a database of spent cartridge cases of firearms</title>. , 2001, , .		3
39	<title>CCD fingerprint method for digital still cameras</title>. , 2002, 4709, 37.		3
40	Spatial-Temporal Omni-Scale Feature Learning for Person Re-Identification. , 2020, , .		3
41	Privacy impact assessment in large-scale digital forensic investigations. Forensic Science International: Digital Investigation, 2020, 33, 200906.	1.2	3
42	Deepfake forensics: Cross-manipulation robustness of feedforward- and recurrent convolutional forgery detection methods. Forensic Science International: Digital Investigation, 2022, 40, 301374.	1.2	3
43	Experimental Evaluation of e.MMC Data Recovery. IEEE Transactions on Information Forensics and Security, 2022, 17, 2074-2083.	4.5	3
44	<title>Forensic video investigation with real-time digitized uncompressed video image sequences</title>. , 1999, 3576, 154.		2
45	<title>Data mining in forensic image databases</title>. , 2002, , .		2
46	<title>High-quality still images from video frame sequences</title>. , 2002, , .		2
47	<title>Advancing the science of forensic data management</title>. , 2002, 4709, 60.		2
48	The effects of switching the camera module from BlackBerry Curve 9360 devices. Digital Investigation, 2013, 10, 56-61.	3.2	2
49	Deep Metric Learning for Cross-Domain Fashion Instance Retrieval. , 2019, , .		2
50	<title>Using high-speed video in ballistic experiments with crossbows</title>. , 1997, 2942, 64.		1
51	Extracting forensic evidence from biometric devices. , 2003, , .		1
52	Identity-Related Crime and Forensics. , 2009, , 315-347.		1
53	Interpol review of imaging and video 2016â€"2019. Forensic Science International (Online), 2020, 2, 540-562.	0.6	1
54	Forensic Audio and Visual Evidence. , 2010, , 353-392.		1

#	Article	IF	Citations
55	<title>Improving video image quality using automated wavelet-based image addition</title>. , 1999, 3813, 795.		0
56	<title>Automatic video analysis and compilation system AVACS</title>. , 2002, 4709, 1.		0
57	<title>Diffraction image method to measure shape distribution function of micrometer particles</title>. , 2002, , .		0
58	Future issues in forensic computing and an introduction to ENSFI. Digital Investigation, 2004, 1, 112-113.	3.2	0
59	Physics at the scene of the crime. Physics World, 2006, 19, 39-40.	0.0	0
60	An open source approach to video file recovery and playback. Science and Justice - Journal of the Forensic Science Society, 2010, 50, 45.	1.3	0
61	Crossing Borders: Forensic Science and the Fourth Industrial Revolution. Journal of Forensic Sciences, 2020, 65, 6-7.	0.9	0
62	Search and Explore Strategies for Interactive Analysis of Real-Life Image Collections with Unknown and Unique Categories. Lecture Notes in Computer Science, 2021, , 244-255.	1.0	0
63	Commentary on: Rompen JC, Meek MF, van Andel MV. A <i>Cause Celebre</i>: the So-Called â€œBallpoint Murder.â€• J Forensic Sci 2000;45(5):1144â€"1147. Journal of Forensic Sciences, 2002, 47, 234-234.	0.9	0