Fouad Khelifi

List of Publications by Year
in descending order

47 papers	899 citations	567281 15 h-index	552781 26 g-index
48 all docs	48 docs citations	48 times ranked	781 citing authors

#	Article	IF	Citations
1	Perceptual Image Hashing Based on Virtual Watermark Detection. IEEE Transactions on Image Processing, 2010, 19, 981-994.	9.8	141
2	Bagged textural and color features for melanoma skin cancer detection in dermoscopic and standard images. Expert Systems With Applications, 2017, 90, 101-110.	7.6	58
3	Robust off-line text independent writer identification using bagged discrete cosine transform features. Expert Systems With Applications, 2017, 71, 404-415.	7.6	54
4	Sensor Pattern Noise Estimation Based on Improved Locally Adaptive DCT Filtering and Weighted Averaging for Source Camera Identification and Verification. IEEE Transactions on Information Forensics and Security, 2017, 12, 392-404.	6.9	52
5	On the security of a stream cipher in reversible data hiding schemes operating in the encrypted domain. Signal Processing, 2018, 143, 336-345.	3.7	44
6	On the SPN Estimation in Image Forensics: A Systematic Empirical Evaluation. IEEE Transactions on Information Forensics and Security, 2017, 12, 1067-1081.	6.9	43
7	Dissimilarity Gaussian Mixture Models for Efficient Offline Handwritten Text-Independent Identification Using SIFT and RootSIFT Descriptors. IEEE Transactions on Information Forensics and Security, 2019, 14, 289-303.	6.9	43
8	Robust additive watermarking in the DTCWT domain based on perceptual masking. Multimedia Tools and Applications, 2018, 77, 21281-21304.	3.9	40
9	Detection and classification of retinal fundus images exudates using region based multiscale LBP texture approach. , 2016, , .		32
10	Perceptual Video Hashing for Content Identification and Authentication. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 50-67.	8.3	32
11	Analysis of the Security of Perceptual Image Hashing Based on Non-Negative Matrix Factorization. IEEE Signal Processing Letters, 2010, 17, 43-46.	3.6	30
12	Automatic classification of colorectal and prostatic histologic tumor images using multiscale multispectral local binary pattern texture features and stacked generalization. Neurocomputing, 2018, 275, 83-93.	5.9	28
13	Weighted averaging-based sensor pattern noise estimation for source camera identification. , 2014, , .		24
14	K-NN Regression to Improve Statistical Feature Extraction for Texture Retrieval. IEEE Transactions on Image Processing, 2011, 20, 293-298.	9.8	22
15	Efficient wavelet€based perceptual watermark masking for robust fingerprint image watermarking. IET Image Processing, 2014, 8, 23-32.	2.5	22
16	Secure and privacy-preserving data sharing in the cloud based on lossless image coding. Signal Processing, 2018, 148, 91-101.	3.7	20
17	An improved SPIHT algorithm for lossless image coding. , 2009, 19, 220-228.		17
18	Pose-invariant face recognition with multitask cascade networks. Neural Computing and Applications, 2022, 34, 6039-6052.	5.6	17

#	Article	IF	Citations
19	Texture analysis for colorectal tumour biopsies using multispectral imagery. , 2015, 2015, 7218-21.		16
20	A novel image filtering approach for sensor fingerprint estimation in source camera identification. , 2015, , .		15
21	Comparative Analysis of a Deep Convolutional Neural Network for Source Camera Identification. , 2019, , .		15
22	Self-geometric relationship filter for efficient SIFT key-points matching in full and partial palmprint recognition. IET Biometrics, 2018, 7, 296-304.	2.5	14
23	Image Sharpening for Efficient Source Camera Identification Based on Sensor Pattern Noise Estimation. , 2013, , .		13
24	SPECK-Based Lossless Multispectral Image Coding. IEEE Signal Processing Letters, 2008, 15, 69-72.	3.6	12
25	A New Forensic Video Database for Source Smartphone Identification: Description and Analysis. IEEE Access, 2022, 10, 20080-20091.	4.2	12
26	Video-Based Person Re-Identification Using Unsupervised Tracklet Matching. IEEE Access, 2019, 7, 20596-20606.	4.2	10
27	Improving a bag of words approach for skin cancer detection in dermoscopic images. , 2016, , .		8
28	Fast and efficient difference of block means code for palmprint recognition. Machine Vision and Applications, 2020, 31, 1.	2.7	8
29	Digital forensic analysis for source video identification: A survey. Forensic Science International: Digital Investigation, 2022, 41, 301390.	1.7	7
30	Offline text independent writer identification using ensemble of multi-scale local ternary pattern histograms. , 2016, , .		5
31	Multi-label learning model for improving retinal image classification in diabetic retinopathy. , 2017, , .		5
32	Temporal Image Forensic Analysis for Picture Dating with Deep Learning. , 2020, , .		5
33	Automatic diagnosis of prostate cancer using multispectral based linear binary pattern bagged codebooks. , 2017, , .		4
34	An efficient JPEG-2000 based multimodal compression scheme. Multimedia Tools and Applications, 2021, 80, 21241-21260.	3.9	4
35	A new, enhanced EZW image codec with subband classification. Multimedia Systems, 2022, 28, 1-19.	4.7	4
36	Exploiting chrominance planes similarity on listless quadtree coders. IET Image Processing, 2013, 7, 575-585.	2.5	3

#	Article	IF	Citations
37	Self Geometric Relationship-based matching for palmprint identification using SIFT. , 2017, , .		3
38	Sensor Pattern Noise Estimation using Non-textured Video Frames For Efficient Source Smartphone Identification and Verification. , 2021, , .		3
39	Three Dimensional Denoising Filter For Effective Source Smartphone Video Identification and Verification. , 2022, , .		3
40	DCT sign-based robust image hashing. , 2013, , .		2
41	Minutiae based fingerprint image hashing. , 2014, , .		2
42	The â€˜Northumbria Temporal Image Forensicsâ€™ Database: Description and Analysis. , 2020, , .		2
43	A machine learning-based approach for picture acquisition timeslot prediction using defective pixels. Forensic Science International: Digital Investigation, 2021, 39, 301311.	1.7	2
44	LWKPCA: A New Robust Method for Face Recognition Under Adverse Conditions. IEEE Access, 2022, 10, 64819-64831.	4.2	2
45	Efficient segmentation of sub-words within handwritten arabic words. , 2014, , .		1
46	Convolutional Neural Networkâ€"Based Automatic Classification of Colorectal and Prostate Tumor Biopsies Using Multispectral Imagery: System Development Study. JMIR Bioinformatics and Biotechnology, 2022, 3, e27394.	0.9	0
47	PRNU Estimation based on Weighted Averaging for Source Smartphone Video Identification. , 2022, , .		0