

Nitin Khanna

List of Publications by Year in descending order

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69
papers

1,509
citations

623188

14
h-index

476904

29
g-index

70
all docs

70
docs citations

70
times ranked

1060
citing authors

#	ARTICLE	IF	CITATIONS
1	Source printer identification using printer specific pooling of letter descriptors. Expert Systems With Applications, 2022, 192, 116344.	4.4	3
2	Automated Crater detection from Co-registered optical images, elevation maps and slope maps using deep learning. Planetary and Space Science, 2022, 218, 105500.	0.9	10
3	Speaker-independent source cell-phone identification for re-compressed and noisy audio recordings. Multimedia Tools and Applications, 2021, 80, 23581-23603.	2.6	9
4	Source Printer Classification Using Printer Specific Local Texture Descriptor. IEEE Transactions on Information Forensics and Security, 2020, 15, 160-171.	4.5	12
5	Passive classification of source printer using text-line-level geometric distortion signatures from scanned images of printed documents. Multimedia Tools and Applications, 2020, 79, 7377-7400.	2.6	14
6	Investigating the Effect of Vibrotactile Feedback in Transfemoral Amputee With and Without Movable Ankle Joint. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2890-2900.	2.7	6
7	Double JPEG Compression Detection for Distinguishable Blocks in Images Compressed with Same Quantization Matrix. , 2020, , .		5
8	Neural Network based Block-Level Detection of Same Quality Factor Double JPEG Compression. , 2020, , .		4
9	Force Myography and Its Application to Human Locomotion. Series in Bioengineering, 2020, , 49-70.	0.3	4
10	First steps toward CNN based source classification of document images shared over messaging app. Signal Processing: Image Communication, 2019, 78, 32-41.	1.8	7
11	Study of morphology and degradation of lunar craters using Chandrayaan-1 data. Planetary and Space Science, 2019, 167, 42-53.	0.9	10
12	Single Classifier-Based Passive System for Source Printer Classification Using Local Texture Features. IEEE Transactions on Information Forensics and Security, 2018, 13, 1603-1614.	4.5	30
13	Cell-Phone Identification from Recompressed Audio Recordings. , 2018, , .		3
14	Augmented Data and Improved Noise Residual-Based CNN for Printer Source Identification. , 2018, , .		5
15	DCT-domain deep convolutional neural networks for multiple JPEG compression classification. Signal Processing: Image Communication, 2018, 67, 22-33.	1.8	35
16	A Force Myography-Based System for Gait Event Detection in Overground and Ramp Walking. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2314-2323.	2.4	36
17	Consistent pan-sharpening based on multistage joint and dual bilateral filters. Journal of Applied Remote Sensing, 2018, 12, 1.	0.6	1
18	An enhanced statistical approach for median filtering detection using difference image. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
19	A hybrid model for CFA interpolation detection. , 2017, , .		2
20	Effect of PEGylation on performance of protein microbubbles and its comparison with lipid microbubbles. Materials Science and Engineering C, 2017, 71, 425-430.	3.8	26
21	Modified dynamic time warping (MDTW) for estimating temporal dietary patterns. , 2017, , .		5
22	A Mobile Food Record For Integrated Dietary Assessment. , 2016, 2016, 53-62.		37
23	Temporal Dietary Patterns Derived among the Adult Participants of the National Health and Nutrition Examination Survey 1999-2004 Are Associated with Diet Quality. Journal of the Academy of Nutrition and Dietetics, 2016, 116, 283-291.	0.4	43
24	Multiple Hypotheses Image Segmentation and Classification With Application to Dietary Assessment. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 377-388.	3.9	124
25	Narrowing awareness gap by using e-learning tools for counselling university entrants. , 2015, , .		1
26	Cellphone identification using noise estimates from recorded audio. , 2014, , .		21
27	Analysis of food images: Features and classification. , 2014, 2014, 2744-2748.		59
28	An online feedback systemfor anonymous and credible feedback identification. , 2014, , .		0
29	Evaluation of IQM's effectiveness for cell phone identification using captured videos and images. , 2014, , .		0
30	Stability analysis of classifiers for leaf recognition using shape features. , 2014, , .		2
31	Imaging system for classification of local flora of Uttarakhand region. , 2014, , .		2
32	Imaging techniques for secure photography using dual camera. , 2014, , .		0
33	Assessing uncertainty dimensions in land-use change models: using swap and multiplicative error models for injecting attribute and positional errors in spatial data. International Journal of Remote Sensing, 2014, 35, 149-170.	1.3	41
34	Cell-phone identification from audio recordings using PSD of speech-free regions. , 2014, , .		8
35	A mobile phone user interface for image-based dietary assessment. Proceedings of SPIE, 2014, 9030, .	0.8	10
36	Context based food image analysis. , 2013, 2013, 2748-2752.		12

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37	Model-based food volume estimation using 3D pose. , 2013, 2013, 2534-2538.		35
38	Food image analysis: Segmentation, identification and weight estimation. , 2013, 2013, .		67
39	Indian language identification using k-means clustering and support vector machine (SVM). , 2013, , .		14
40	Partial sharpness index for classifying digital camera and scanned images. , 2013, , .		0
41	Image segmentation for image-based dietary assessment: A comparative study. , 2013, 2013, .		12
42	Snakes assisted food image segmentation. , 2012, , .		5
43	Specular Highlight Removal for Image-Based Dietary Assessment. , 2012, 2012, 424-428.		8
44	Image enhancement and quality measures for dietary assessment using mobile devices. , 2012, 8296, .		15
45	Low Complexity Image Quality Measures for Dietary Assessment Using Mobile Devices. , 2011, 2011, 351-356.		9
46	Temporal Dietary Patterns Using Kernel k-Means Clustering. , 2011, 2011, 375-380.		19
47	Integrated database system for mobile dietary assessment and analysis. , 2011, 2011, .		12
48	Arabic word recognizer for mobile applications. Proceedings of SPIE, 2011, , .	0.8	0
49	Combining global and local features for food identification in dietary assessment. , 2011, 2011, 1789-1792.		72
50	Forensic printer detection using intrinsic signatures. , 2011, , .		10
51	Segmentation assisted food classification for dietary assessment. Proceedings of SPIE, 2011, 7873, 78730B.	0.8	21
52	Multilevel Segmentation for Food Classification in Dietary Assessment. Proc Int Symp Image Signal Process Anal, 2011, , 337-342.	0.0	12
53	FOOD TEXTURE DESCRIPTORS BASED ON FRACTAL AND LOCAL GRADIENT INFORMATION. European Signal Processing Conference, 2011, 2011, 764-768.	0.0	2
54	Texture based attacks on intrinsic signature based printer identification. , 2010, , .		9

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55	Intrinsic signatures for scanned documents forensics : Effect of font shape and size. , 2010, , .		14
56	Printer and Scanner Forensics: Models and Methods. Studies in Computational Intelligence, 2010, , 145-187.	0.7	11
57	An Overview of the Technology Assisted Dietary Assessment Project at Purdue University. , 2010, , 290-295.		38
58	Scanner Identification Using Feature-Based Processing and Analysis. IEEE Transactions on Information Forensics and Security, 2009, 4, 123-139.	4.5	62
59	Printer and scanner forensics. IEEE Signal Processing Magazine, 2009, 26, 72-83.	4.6	65
60	Source scanner identification for scanned documents. , 2009, , .		15
61	Forensic techniques for classifying scanner, computer generated and digital camera images. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	74
62	Scanner identification with extension to forgery detection. , 2008, , .		16
63	Survey of Scanner and Printer Forensics at Purdue University. Lecture Notes in Computer Science, 2008, , 22-34.	1.0	18
64	Sensor Forensics: Printers, Cameras and Scanners, They Never Lie. , 2007, , .		3
65	Forensic classification of imaging sensor types. , 2007, , .		31
66	Scanner identification using sensor pattern noise. , 2007, , .		61
67	Text Extraction and Document Image Segmentation Using Matched Wavelets and MRF Model. IEEE Transactions on Image Processing, 2007, 16, 2117-2128.	6.0	106
68	A survey of forensic characterization methods for physical devices. Digital Investigation, 2006, 3, 17-28.	3.2	72
69	Locating text in images using matched wavelets. , 2005, , .		7