

Sukadev Meher

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

590
citations

1040056

9
h-index

940533

16
g-index

54
all docs

54
docs citations

54
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient deep Convolutional Neural Network based detection and classification of Acute Lymphoblastic Leukemia. Expert Systems With Applications, 2021, 183, 115311.	7.6	77
2	Detection of Moving Objects Using Fuzzy Color Difference Histogram Based Background Subtraction. IEEE Signal Processing Letters, 2016, 23, 45-49.	3.6	69
3	A Review of Automated Methods for the Detection of Sickle Cell Disease. IEEE Reviews in Biomedical Engineering, 2020, 13, 309-324.	18.0	55
4	An Efficient Blood-Cell Segmentation for the Detection of Hematological Disorders. IEEE Transactions on Cybernetics, 2022, 52, 10615-10626.	9.5	50
5	A lightweight deep learning system for automatic detection of blood cancer. Measurement: Journal of the International Measurement Confederation, 2022, 191, 110762.	5.0	34
6	A real-time trajectory-based ball detection-and-tracking framework for basketball video. Journal of Optics (India), 2013, 42, 156-170.	1.7	26
7	Performance improvement for face recognition using PCA and two-dimensional PCA. , 2013, , .		21
8	Detection and Classification of Acute Lymphocytic Leukemia. , 2020, , .		21
9	Transfer Learning-Based Automatic Detection of Acute Lymphocytic Leukemia. , 2021, , .		20
10	Multi-objective particle swarm optimization approach to portfolio optimization. , 2009, , .		18
11	Detection of Acute Lymphoblastic Leukemia Using Machine Learning Techniques. Lecture Notes in Electrical Engineering, 2021, , 425-437.	0.4	18
12	A trajectory-based ball detection and tracking system with applications to shot-type identification in volleyball videos. , 2012, , .		15
13	A new Wronskian change detection model based codebook background subtraction for visual surveillance applications. Journal of Visual Communication and Image Representation, 2018, 56, 52-72.	2.8	14
14	Total Variation Based Wavelet Domain Filter for Image Denoising. , 2008, , .		13
15	Adaptive spatio-temporal background subtraction using improved Wronskian change detection scheme in Gaussian mixture model framework. IET Image Processing, 2018, 12, 1832-1843.	2.5	13
16	A trajectory-based ball detection and tracking system with applications to shooting angle and velocity estimation in basketball videos. , 2013, , .		12
17	Real-time position estimation and tracking of a basketball. , 2012, , .		11
18	Automatic extraction of height and stride parameters for human recognition. , 2013, , .		10

#	ARTICLE	IF	CITATIONS
19	Region adaptive unsharp masking based Lanczos-3 interpolation for video intra frame up-sampling. , 2012, , .		9
20	Circular spatial filtering under high-noise-variance conditions. Computers and Graphics, 2008, 32, 568-580.	2.5	7
21	Video object segmentation based on adaptive background and Wronskian change detection model. , 2013, , .		6
22	A Gaussian mixture model with Gaussian weight learning rate and foreground detection using neighbourhood correlation. , 2013, , .		5
23	Direction-Adaptive Motion Estimation (DAME) for Efficient Video Compression. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2016, 33, 231-243.	3.2	5
24	An improved Image Interpolation technique using OLA e-spline. Egyptian Informatics Journal, 2022, 23, 159-172.	6.8	5
25	Robust real-time object tracking under background clutter. , 2011, , .		4
26	An efficient, adaptive unsharp masking based interpolation for video intra frame up-sampling. , 2012, , .		4
27	Multiplier-less VLSI architectures for radix-2 ² folded pipelined complex FFT core. International Journal of Circuit Theory and Applications, 2015, 43, 1743-1758.	2.0	4
28	Efficient fuzzy composite predictive scheme for effectual 2-D up-sampling of images for multimedia applications. Journal of Visual Communication and Image Representation, 2017, 44, 156-186.	2.8	4
29	Composite high frequency predictive scheme for efficient 2-D up-scaling performance. Multimedia Tools and Applications, 2018, 77, 2153-2189.	3.9	4
30	Uneven Illumination Compensation for Unconstrained Face Recognition Using LBP. , 2018, , .		4
31	Quality based illumination compensation for face recognition. , 2011, , .		3
32	Dynamic background subtraction using texton co-occurrence matrix. , 2014, , .		3
33	Dynamic background subtraction using Local Binary Pattern and Histogram of oriented Gradients. , 2015, , .		3
34	Improving single view gait recognition using sparse representation based classification. , 2016, , .		3
35	A Novel Approach of Image Interpolation using DST. , 2019, , .		3
36	Iterative spatial domain 2-D signal decomposition for effectual image up-scaling. Multimedia Tools and Applications, 2021, 80, 5577-5616.	3.9	3

#	ARTICLE	IF	CITATIONS
37	Comparative performance evaluation of multiobjective optimization algorithms for portfolio management. , 2009, , .		2
38	No reference, fuzzy weighted unsharp masking based DCT interpolation for better 2-D up-sampling. , 2013, , .		2
39	Block based Motion Estimation using hybrid hexagon kite cross diamond search algorithm. , 2014, , .		2
40	Robust real-time object tracking under varying illumination condition. , 2011, , .		1
41	Robust video denoising for better subjective evaluation. , 2011, , .		1
42	FPGA Implementation of Discrete Fourier Transform Core Using NEDA. , 2013, , .		1
43	Region based Laplacian post-processing for better 2-D up-sampling. , 2013, , .		1
44	A novel hybrid technique in spatio-frequecncy domain for better quality image and video up-sampling. , 2014, , .		1
45	A novel block matching based motion compensation using hybrid particle swarm optimization technique for efficient video compression. , 2014, , .		1
46	Error based sharpening for efficient 2-D up-scaling performance. , 2015, , .		1
47	A novel shadow detection method using fuzzy rule based model. , 2017, , .		1
48	Color Image Denoising with Multi-channel Spatial Color Filtering. , 2010, , .		0
49	A novel approach for saliency detection based on multiscale phase spectrum. , 2012, , .		0
50	Hierarchical background subtraction algorithm using Gabor filter. , 2015, , .		0
51	Prediction error based sharpening scheme for efficient 2-D up-sampling performance. , 2015, , .		0
52	An improved image superresolution using local adaptive unsharp masking. , 2015, , .		0
53	Direction-adaptive fixed length discrete cosine transform framework for efficient H.264/AVC video coding. Signal Processing: Image Communication, 2016, 48, 22-37.	3.2	0
54	An Improved DCT interpolation using Bilateral filter. , 2021, , .		0