

Jayanta Mukherjee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

458
citations

9
h-index

19
g-index

87
ext. papers

604
ext. citations

3.3
avg, IF

4
L-index

#	Paper	IF	Citations
64	Design and Development of a Medical Image Databank for Assisting Studies in Radiomics.. <i>Journal of Digital Imaging</i> , 2022 , 1	5.3	
63	Deformity Index: A Semi-Reference Clade-Based Quality Metric of Phylogenetic Trees. <i>Journal of Molecular Evolution</i> , 2021 , 89, 302-312	3.1	
62	Unsupervised Land Cover Classification of Hybrid and Dual-Polarized Images Using Deep Convolutional Neural Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 969-973	4.1	9
61	Measurement of Arterial Blood Pressure Through Single-Site Acquisition of Photoplethysmograph Signal. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-10	5.2	5
60	Semi-supervised Classification of Paddy Fields from Dual Polarized Synthetic Aperture Radar (SAR) images using Deep Learning. <i>International Journal of Remote Sensing</i> , 2021 , 42, 1867-1892	3.1	1
59	Unsupervised classification of land cover using multi-modal data from multi-spectral and hybrid-polarimetric SAR imageries. <i>International Journal of Remote Sensing</i> , 2020 , 41, 5277-5304	3.1	6
58	Automated Coastline Detection from Landsat 8 Oli/Tirs Images with the Presence of Inland Water Bodies in Andaman 2020 ,		2
57	Automated Detection of Mine Water Bodies Using Landsat 8 OLI/TIRS in Jharia. <i>Communications in Computer and Information Science</i> , 2020 , 480-489	0.3	1
56	Prediction of survival outcome based on clinical features and pretreatment FDG-PET/CT for HNSCC patients. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 195, 105669	6.9	5
55	BIOINTMED: integrated biomedical knowledge base with ontologies and clinical trials. <i>Medical and Biological Engineering and Computing</i> , 2020 , 58, 2339-2354	3.1	
54	A Novel Technique to Develop Cognitive Models for Ambiguous Image Identification Using Eye Tracker. <i>IEEE Transactions on Affective Computing</i> , 2020 , 11, 63-77	5.7	5
53	Automated Seasonal Separation of Mine and Non Mine Water Bodies From Landsat 8 OLI/TIRS Using Clay Mineral and Iron Oxide Ratio. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 2550-2556	4.7	4
52	A Novel Index to Detect Opencast Coal Mine Areas From Landsat 8 OLI/TIRS. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 891-897	4.7	10
51	Estimation of echocardiogram parameters with the aid of impedance cardiography and artificial neural networks. <i>Artificial Intelligence in Medicine</i> , 2019 , 96, 45-58	7.4	8
50	Automated Seasonal Detection of Coal Surface Mine Regions from Landsat 8 OLI Images 2019 ,		5
49	A data-driven approach for clustering scatter values in hybrid-polarimetric SAR images. <i>International Journal of Remote Sensing</i> , 2019 , 40, 4264-4289	3.1	5
48	Efficient computation of cross-sections from human brain model by geometric processing. <i>Journal of Real-Time Image Processing</i> , 2018 , 15, 421-434	1.9	

47	Investigation of Seasonal Separation in Mine and Non Mine Water Bodies Using Local Feature Analysis of Landsat 8 OLI/TIRS Images 2018 ,		7
46	Segmentation of Lung Tumor in Cone Beam CT Images Based on Level-Sets 2018 ,		1
45	Low-complexity feedback-channel-free distributed video coding using local rank transform. <i>IET Image Processing</i> , 2017 , 11, 126-134	1.7	1
44	Toward Automated Land Cover Classification in Landsat Images Using Spectral Slopes at Different Bands. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 1096-1104	4.7	4
43	A Comparative Study of Margin Noise Removal Algorithms on MarNR: A Margin Noise Dataset of Document Images 2017 ,		2
42	IDXL: Species Tree Inference Using Internode Distance and Excess Gene Leaf Count. <i>Journal of Molecular Evolution</i> , 2017 , 85, 57-78	3.1	1
41	Image resizing in the compressed domain 2017 ,		1
40	Semi-supervised Classification of Land Cover in Multi-spectral Images Using Spectral Slopes 2017 ,		1
39	Spectral slopes for automated classification of land cover in landsat images 2016 ,		3
38	An Integrated Repainting System for Digital Restoration of Vijayanagara Murals. <i>International Journal of Image and Graphics</i> , 2016 , 16, 1650005	0.5	2
37	Effects of emotion on physiological signals 2016 ,		9
36	Consensus-based clustering for document image segmentation. <i>International Journal on Document Analysis and Recognition</i> , 2016 , 19, 351-368	3.8	4
35	Automated detection of newborn sleep apnea using video monitoring system 2015 ,		4
34	Information fusion from multiple cameras for gait-based re-identification and recognition. <i>IET Image Processing</i> , 2015 , 9, 969-976	1.7	13
33	Affect detection in normal groups with the help of biological markers 2015 ,		8
32	A novel floor segmentation algorithm for mobile robot navigation 2015 ,		5
31	A spectral filtering based deep learning for detection of logo and stamp 2015 ,		0
30	Study of variation of pelvis positioning for patients suffering from rectal cancer using daily kilo-voltage cone beam CT images 2015 ,		3

29	Stamp and logo detection from document images by finding outliers 2015 ,		4
28	A survey on image retrieval performance of different bag of visual words indexing techniques 2014 ,		12
27	Frontal Gait Recognition From Incomplete Sequences Using RGB-D Camera. <i>IEEE Transactions on Information Forensics and Security</i> , 2014 , 9, 1843-1856	8	37
26	3D-SIFT feature based brain atlas generation: An application to early diagnosis of Alzheimer's disease 2014 ,		5
25	An embedded system for automatic classification of neonatal cry 2013 ,		2
24	An efficient SMS-based framework for public health surveillance 2013 ,		3
23	An evaluation of human perception for neonatal cry using a database of cry and underlying cause 2013 ,		4
22	Psychovisual saliency in color images 2013 ,		1
21	Way-finding Electronic Bracelet for visually impaired people 2013 ,		8
20	SKEW CORRECTION OF DOCUMENT IMAGES BY RANK ANALYSIS IN FAREY SEQUENCE. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2013 , 27, 1353004	1.1	2
19	Removal of hand-drawn annotation lines from document images by digital-geometric analysis and inpainting 2013 ,		2
18	Block DCT to wavelet transcoding in transform domain. <i>Signal, Image and Video Processing</i> , 2012 , 6, 179-195		3
17	An efficient model-guided framework for alignment of brain MR image sequences 2012 ,		2
16	Image Denoising by Scaled Bilateral Filtering 2011 ,		4
15	Summarization of Neonatal Video EEG for Seizure and Artifact Detection 2011 ,		3
14	A new two-pulse synthesis model for digital volume pulse signal analysis. <i>Cardiovascular Engineering (Dordrecht, Netherlands)</i> , 2010 , 10, 109-17		23
13	Color constancy in the compressed domain 2009 ,		1
12	Spatial Desynchronization: A Possible Way to Resist Calibration Attack 2009 ,		1

11	A New Image Watermarking Scheme Using Saliency Based Visual Attention Model 2009 ,		17
10	Enhancement of color images by scaling the DCT coefficients. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 1783-94	8.7	144
9	Color enhancement in the compressed domain 2008 ,		3
8	A spatial domain steganographic scheme for reducing embedding noise 2008 ,		1
7	PDA Based Telemedicine System in a Web Based Environment 2007 ,		2
6	SKIP Prediction for Fast Rate Distortion Optimization in H.264. <i>IEEE Transactions on Consumer Electronics</i> , 2007 , 53, 1153-1160	4.8	18
5	A Fast Arbitrary Down-Sizing Algorithm for Video Transcoding 2006 ,		2
4	Telemedicine for Leprosy. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2001 , 18, 243-252	1.5	1
3	REPRESENTATION OF 2D AND 3D BINARY IMAGES USING MEDIAL CIRCLES AND SPHERES. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 1996 , 10, 365-387	1.1	12
2	Resizing of images in the DCT space by arbitrary factors		3
1	Seasonal detection of coal overburden dump regions in unsupervised manner using landsat 8 OLI/TIRS images at jharia coal fields. <i>Multimedia Tools and Applications</i> ,1	2.5	2