

Jasmine Banks

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

500
citations

933447

10
h-index

794594

19
g-index

35
all docs

35
docs citations

35
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	The discriminative bilateral filter: An enhanced denoising filter for electron microscopy data. Journal of Structural Biology, 2006, 155, 395-408.	2.8	88
2	SwarmPS: Rapid, semi-automated single particle selection software. Journal of Structural Biology, 2007, 157, 174-188.	2.8	35
3	Reliability analysis of the rank transform for stereo matching. IEEE Transactions on Systems, Man, and Cybernetics, 2001, 31, 870-880.	5.0	34
4	Benchmarking HEp-2 specimen cells classification using linear discriminant analysis on higher order spectra features of cell shape. Pattern Recognition Letters, 2019, 125, 534-541.	4.2	25
5	White Blood Cell Nuclei Segmentation Using Level Set Methods and Geometric Active Contours. , 2016, , .		24
6	Constructing the hallucinations of psychosis in Virtual Reality. Journal of Network and Computer Applications, 2004, 27, 1-11.	9.1	23
7	Segmentation of White Blood Cell, Nucleus and Cytoplasm in Digital Haematology Microscope Images: A Reviewâ€“Challenges, Current and Future Potential Techniques. IEEE Reviews in Biomedical Engineering, 2021, 14, 290-306.	18.0	23
8	Fast and Robust Stereo Matching Algorithms for Mining Automation. , 1999, 9, 137-148.		19
9	Virtual Reality Exposure Therapy: 150-Degree Screen to Desktop PC. Cyberpsychology, Behavior and Social Networking, 2006, 9, 480-489.	2.2	19
10	Multispectral Periocular Classification With Multimodal Compact Multi-Linear Pooling. IEEE Access, 2017, 5, 14572-14578.	4.2	17
11	Evaluation and benchmarking of level set-based three forces via geometric active contours for segmentation of white blood cell nuclei shape. Computers in Biology and Medicine, 2020, 116, 103568.	7.0	16
12	Classification of White Blood Cells using Bispectral Invariant Features of Nuclei Shape. , 2018, , .		15
13	A Novel Representation of Bioacoustic Events for Content-Based Search in Field Audio Data. , 2013, , .		12
14	Elliptical Higher-Order-Spectra Periocular Code. IEEE Access, 2017, 5, 6978-6988.	4.2	9
15	Classification of White Blood Cells Using L-Moments Invariant Features of Nuclei Shape. , 2018, , .		9
16	Detection and Tracking of Faces in 3D Using a Stereo Camera Arrangements. International Journal of Machine Learning and Computing, 2019, 9, 35-43.	0.6	7
17	3D Face Tracking Using Stereo Cameras: A Review. IEEE Access, 2020, 8, 94373-94393.	4.2	6
18	Hierarchical fusion network for periocular and iris by neural network approximation and sparse autoencoder. Machine Vision and Applications, 2021, 32, 1.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Automatic segmentation of HEp-2 cell Fluorescence microscope images using level set method via geometric active contours. , 2016, , .		5
20	3D Face Tracking Using Stereo Camera. , 2018, , .		5
21	The Development of a Virtual Reality Environment to Model the Experience of Schizophrenia. Lecture Notes in Computer Science, 2003, , 11-19.	1.3	5
22	Contactless Finger Recognition Using Invariants from Higher Order Spectra of Ridge Orientation Profiles. , 2018, , .		4
23	Computation of ECG Signal Features Using MCMC Modelling in Software and FPGA Reconfigurable Hardware. Procedia Computer Science, 2014, 29, 2442-2448.	2.0	3
24	Three-Dimensional Head Pose Estimation Using a Stereo Camera Arrangement. , 2018, , .		2
25	HOS-FingerCode: Bispectral invariants based contactless multi-finger recognition system using ridge orientation and feature fusion. Expert Systems With Applications, 2022, 201, 117054.	7.6	2
26	CALCULATION OF ENGINE PARAMETERS USING RECONFIGURABLE HARDWARE. International Journal of Computational Methods, 2014, 11, 1344011.	1.3	1
27	Contactless Multiple Finger Segments based Identity Verification using Information Fusion from Higher Order Spectral Invariants. , 2018, , .		1
28	Minutiae Triangle Graphs: A New Fingerprint Representation with Invariance Properties. , 2019, , .		1
29	A multi-level hybrid chaotic system with a novel damping approach to achieve variable rates. , 2017, , .		0
30	Rotation and Scale Invariant Bispectral Feature based Recognition of Contactless Palmprints. , 2019, , .		0
31	Investigating the Efficiency of a Three-Dimensional Facial Tracker Using Stereo Camera Arrangements. , 2021, , .		0
32	Pulse-coupled neural network performance for real-time identification of vegetation during forced landing. ANZIAM Journal, 0, 54, 1.	0.0	0
33	HEp-2 Specimen Cell Detection and Classification Using Very Deep Convolutional Neural Networks-Based Cell Shape. , 2021, , .		0