

# 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	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
2	Segmentation of White Blood Cell, Nucleus and Cytoplasm in Digital Haematology Microscope Images: A Review—Challenges, Current and Future Potential Techniques. IEEE Reviews in Biomedical Engineering, 2021, 14, 290-306.	18.0	23
3	Hierarchical fusion network for periocular and iris by neural network approximation and sparse autoencoder. Machine Vision and Applications, 2021, 32, 1.	2.7	6
4	Investigating the Efficiency of a Three-Dimensional Facial Tracker Using Stereo Camera Arrangements. , 2021, , .		0
5	HEp-2 Specimen Cell Detection and Classification Using Very Deep Convolutional Neural Networks-Based Cell Shape. , 2021, , .		0
6	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
7	3D Face Tracking Using Stereo Cameras: A Review. IEEE Access, 2020, 8, 94373-94393.	4.2	6
8	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
9	Rotation and Scale Invariant Bispectral Feature based Recognition of Contactless Palmprints. , 2019, , .		0
10	Minutiae Triangle Graphs: A New Fingerprint Representation with Invariance Properties. , 2019, , .		1
11	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
12	Classification of White Blood Cells Using L-Moments Invariant Features of Nuclei Shape. , 2018, , .		9
13	Classification of White Blood Cells using Bispectral Invariant Features of Nuclei Shape. , 2018, , .		15
14	Contactless Multiple Finger Segments based Identity Verification using Information Fusion from Higher Order Spectral Invariants. , 2018, , .		1
15	Contactless Finger Recognition Using Invariants from Higher Order Spectra of Ridge Orientation Profiles. , 2018, , .		4
16	Three-Dimensional Head Pose Estimation Using a Stereo Camera Arrangement. , 2018, , .		2
17	3D Face Tracking Using Stereo Camera. , 2018, , .		5
18	Elliptical Higher-Order-Spectra Periocular Code. IEEE Access, 2017, 5, 6978-6988.	4.2	9

#	ARTICLE	IF	CITATIONS
19	Multispectral Periocular Classification With Multimodal Compact Multi-Linear Pooling. IEEE Access, 2017, 5, 14572-14578.	4.2	17
20	A multi-level hybrid chaotic system with a novel damping approach to achieve variable rates. , 2017, , .		0
21	Automatic segmentation of HEp-2 cell Fluorescence microscope images using level set method via geometric active contours. , 2016, , .		5
22	White Blood Cell Nuclei Segmentation Using Level Set Methods and Geometric Active Contours. , 2016, , .		24
23	CALCULATION OF ENGINE PARAMETERS USING RECONFIGURABLE HARDWARE. International Journal of Computational Methods, 2014, 11, 1344011.	1.3	1
24	Computation of ECG Signal Features Using MCMC Modelling in Software and FPGA Reconfigurable Hardware. Procedia Computer Science, 2014, 29, 2442-2448.	2.0	3
25	A Novel Representation of Bioacoustic Events for Content-Based Search in Field Audio Data. , 2013, , .		12
26	SwarmPS: Rapid, semi-automated single particle selection software. Journal of Structural Biology, 2007, 157, 174-188.	2.8	35
27	Virtual Reality Exposure Therapy: 150-Degree Screen to Desktop PC. Cyberpsychology, Behavior and Social Networking, 2006, 9, 480-489.	2.2	19
28	The discriminative bilateral filter: An enhanced denoising filter for electron microscopy data. Journal of Structural Biology, 2006, 155, 395-408.	2.8	88
29	Constructing the hallucinations of psychosis in Virtual Reality. Journal of Network and Computer Applications, 2004, 27, 1-11.	9.1	23
30	The Development of a Virtual Reality Environment to Model the Experience of Schizophrenia. Lecture Notes in Computer Science, 2003, , 11-19.	1.3	5
31	Reliability analysis of the rank transform for stereo matching. IEEE Transactions on Systems, Man, and Cybernetics, 2001, 31, 870-880.	5.0	34
32	Fast and Robust Stereo Matching Algorithms for Mining Automation. , 1999, 9, 137-148.		19
33	Pulse-coupled neural network performance for real-time identification of vegetation during forced landing. ANZIAM Journal, 0, 54, 1.	0.0	0