Ekta Walia

List of Publications by Year
in descending order

33 papers	**1,877** citations	623574 **14** h-index	642610 **23** g-index
33 all docs	**33** docs citations	**33** times ranked	**2412** citing authors

#	Article	IF	Citations
1	Feature Generalization for Breast Cancer Detection in Histopathological Images. Interdisciplinary Sciences, Computational Life Sciences, 2022, 14, 566-581.	2.2	4
2	Generative adversarial network in medical imaging: A review. Medical Image Analysis, 2019, 58, 101552.	7.0	958
3	Partition selection with sparse autoencoders for content based image classification. Neural Computing and Applications, 2019, 31, 675-690.	3.2	16
4	Image-based search and retrieval for biface artefacts using features capturing archaeologically significant characteristics. Machine Vision and Applications, 2017, 28, 201-218.	1.7	5
5	Thyroid Nodule Classification in Ultrasound Images by Fine-Tuning Deep Convolutional Neural Network. Journal of Digital Imaging, 2017, 30, 477-486.	1.6	289
6	Boosting local texture descriptors with Log-Gabor filters response for improved image retrieval. International Journal of Multimedia Information Retrieval, 2016, 5, 173-184.	3.6	14
7	Enhanced linear block algorithm with improved similarity measure. , 2014, , .		1
8	Evaluation of Local Tetra Pattern features for face recognition. , 2014, , .		2
9	Variants of dense descriptors and Zernike moments as features for accurate shape-based image retrieval. Signal, Image and Video Processing, 2014, 8, 1273-1289.	1.7	29
10	A robust watermark authentication technique based on Weber's descriptor. Signal, Image and Video Processing, 2014, 8, 859-872.	1.7	11
11	Zernike moments and LDP-weighted patches for content-based image retrieval. Signal, Image and Video Processing, 2014, 8, 577-594.	1.7	5
12	Complementary feature sets for optimal face recognition. Eurasip Journal on Image and Video Processing, 2014, 2014, .	1.7	11
13	An Effective and Fast Hybrid Framework for Color Image Retrieval. Sensing and Imaging, 2014, 15, 1.	1.0	34
14	Fusion framework for effective color image retrieval. Journal of Visual Communication and Image Representation, 2014, 25, 1335-1348.	1.7	89
15	On the Analysis of Global and Local Robust Image Watermarking Using Zernike Moments. International Journal of Computer Vision and Image Processing, 2014, 4, 56-69.	0.3	0
16	Magnitude and Phase of Discriminative Orthogonal Radial Moments for Face Recognition. Advances in Computational Intelligence and Robotics Book Series, 2014, , 131-160.	0.4	0
17	A Framework for Interactive 3D Rendering on Mobile Devices. International Journal of Computer Vision and Image Processing, 2014, 4, 18-31.	0.3	1
18	Fragile and blind watermarking technique based on Weber's law for medical image authentication. IET Computer Vision, 2013, 7, 9-19.	1.3	39

#	Article	IF	Citations
19	Accurate calculation of Zernike moments. Information Sciences, 2013, 233, 255-275.	4.0	59
20	Design of frame buffer for 1 THz energy efficient digital image processor based on HSLVDCI I/O standard in FPGA. , 2013, , .		8
21	Clock gating aware energy efficient Frame buffer design on FPGA. , 2013, , .		0
22	Gabor Wavelet Enabled Zernike Moments for Effective Content Based Image Retrieval. Lecture Notes in Computer Science, 2013, , 703-710.	1.0	1
23	Robust two-stage face recognition approach using global and local features. Visual Computer, 2012, 28, 1085-1098.	2.5	20
24	Analysis of algorithms for fast computation of pseudo Zernike moments and their numerical stability. , 2012, 22, 1031-1043.		37
25	On the fast computation of orthogonal Fourierâ€"Mellin moments with improved numerical stability. Journal of Real-Time Image Processing, 2012, 7, 247-256.	2.2	25
26	Discriminative Zernike and Pseudo Zernike Moments for Face Recognition. International Journal of Computer Vision and Image Processing, 2012, 2, 12-35.	0.3	11
27	Fast and High Capacity Digital Image Watermarking Technique Based on Phase of Zernike Moments. International Journal of Computer Vision and Image Processing, 2012, 2, 60-74.	0.3	1
28	Face recognition using Zernike and complex Zernike moment features. Pattern Recognition and Image Analysis, 2011, 21, 71-81.	0.6	57
29	Algorithms for fast computation of Zernike moments and their numerical stability. Image and Vision Computing, 2011, 29, 251-259.	2.7	49
30	Fast and numerically stable methods for the computation of Zernike moments. Pattern Recognition, 2010, 43, 2497-2506.	5.1	67
31	Improved Accuracy in Shape Based Image Retrieval with Complex Zernike Moments Using Wavelets. , 2009, , .		5
32	Face Recognition Using Improved Fast PCA Algorithm. , 2008, , .		29
33	Fast and High Capacity Digital Image Watermarking Technique Based on Phase of Zernike Moments. , 0, , 221-234.		0