

Beijing Chen

List of Publications by Year in descending order

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51
papers

1,953
citations

236925

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docs citations

54
times ranked

1517
citing authors

#	ARTICLE	IF	CITATIONS
1	A Robust GAN-Generated Face Detection Method Based on Dual-Color Spaces and an Improved Xception. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3527-3538.	8.3	54
2	Detecting deepfake videos based on spatiotemporal attention and convolutional LSTM. Information Sciences, 2022, 601, 58-70.	6.9	29
3	Embedding Guided End-to-End Framework for Robust Image Watermarking. Security and Communication Networks, 2022, 2022, 1-11.	1.5	1
4	A dual-branch neural network for DeepFake video detection by detecting spatial and temporal inconsistencies. Multimedia Tools and Applications, 2022, 81, 42591-42606.	3.9	4
5	A Serial Image Copy-Move Forgery Localization Scheme With Source/Target Distinguishment. IEEE Transactions on Multimedia, 2021, 23, 3506-3517.	7.2	57
6	Locally GAN-generated face detection based on an improved Xception. Information Sciences, 2021, 572, 16-28.	6.9	37
7	A Quaternion Two-Stream CNN Network for Pixel-Level Color Image Splicing Localization. Chinese Journal of Electronics, 2021, 30, 1069-1079.	1.5	8
8	Image splicing localization using residual image and residual-based fully convolutional network. Journal of Visual Communication and Image Representation, 2020, 73, 102967.	2.8	11
9	An Enhanced Extreme Learning Machine for Dissolved Oxygen Prediction in Wireless Sensor Networks. IEEE Access, 2020, 8, 198730-198739.	4.2	17
10	JSNet: A simulation network of JPEG lossy compression and restoration for robust image watermarking against JPEG attack. Computer Vision and Image Understanding, 2020, 197-198, 103015.	4.7	15
11	New Rapid and Robust Color Image Watermarking Technique in Spatial Domain. IEEE Access, 2019, 7, 30398-30409.	4.2	55
12	Weighted Multiple Instance-Based Deep Correlation Filter for Video Tracking Processing. IEEE Access, 2019, 7, 161220-161230.	4.2	1
13	Fractional quaternion cosine transform and its application in color image copy-move forgery detection. Multimedia Tools and Applications, 2019, 78, 8057-8073.	3.9	30
14	Rational adversary with flexible utility in secure two-party computation. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2913-2927.	4.9	3
15	Color image splicing localization algorithm by quaternion fully convolutional networks and superpixel-enhanced pairwise conditional random field. Mathematical Biosciences and Engineering, 2019, 16, 6907-6922.	1.9	5
16	Quaternion discrete fractional random transform for color image adaptive watermarking. Multimedia Tools and Applications, 2018, 77, 20809-20837.	3.9	37
17	An improved genetic algorithm for three-dimensional reconstruction from a single uniform texture image. Soft Computing, 2018, 22, 477-486.	3.6	8
18	Robust color image watermarking technique in the spatial domain. Soft Computing, 2018, 22, 91-106.	3.6	159

#	ARTICLE	IF	CITATIONS
19	A new algorithm of blind color image watermarking based on LU decomposition. <i>Multidimensional Systems and Signal Processing</i> , 2018, 29, 1055-1074.	2.6	68
20	Multiple-parameter fractional quaternion Fourier transform and its application in colour image encryption. <i>IET Image Processing</i> , 2018, 12, 2238-2249.	2.5	33
21	An Improved Splicing Localization Method by Fully Convolutional Networks. <i>IEEE Access</i> , 2018, 6, 69472-69480.	4.2	19
22	Fractional Quaternion Zernike Moments for Robust Color Image Copy-Move Forgery Detection. <i>IEEE Access</i> , 2018, 6, 56637-56646.	4.2	80
23	Improved fuzzy clustering algorithm with non-local information for image segmentation. <i>Multimedia Tools and Applications</i> , 2017, 76, 7869-7895.	3.9	34
24	An improved fuzzy algorithm for image segmentation using peak detection, spatial information and reallocation. <i>Soft Computing</i> , 2017, 21, 2165-2173.	3.6	16
25	An improved color image watermarking algorithm based on QR decomposition. <i>Multimedia Tools and Applications</i> , 2017, 76, 707-729.	3.9	30
26	Detection of content-aware image resizing based on Benford's law. <i>Soft Computing</i> , 2017, 21, 5693-5701.	3.6	5
27	A novel blind color image watermarking based on Contourlet transform and Hessenberg decomposition. <i>Multimedia Tools and Applications</i> , 2017, 76, 8781-8801.	3.9	44
28	An improved color image watermarking scheme based on Schur decomposition. <i>Multimedia Tools and Applications</i> , 2017, 76, 24221-24249.	3.9	38
29	Kernel quaternion principal component analysis and its application in RGB-D object recognition. <i>Neurocomputing</i> , 2017, 266, 293-303.	5.9	52
30	Quaternion pseudo-Zernike moments combining both of RGB information and depth information for color image splicing detection. <i>Journal of Visual Communication and Image Representation</i> , 2017, 49, 283-290.	2.8	44
31	DIBR-Synthesized Image Quality Assessment via Statistics of Edge Intensity and Orientation. <i>IEICE Transactions on Information and Systems</i> , 2017, E100.D, 1929-1933.	0.7	7
32	Color-Enriched Gradient Similarity for Retouched Image Quality Evaluation. <i>IEICE Transactions on Information and Systems</i> , 2016, E99.D, 773-776.	0.7	4
33	Quaternion-type moments combining both color and depth information for RGB-D object recognition. , 2016, , .		5
34	Effective and Efficient Image Copy Detection with Resistance to Arbitrary Rotation. <i>IEICE Transactions on Information and Systems</i> , 2016, E99.D, 1531-1540.	0.7	104
35	Reconstruction of normal and albedo of convex Lambertian objects by solving ambiguity matrices using SVD and optimization method. <i>Neurocomputing</i> , 2016, 207, 95-104.	5.9	8
36	Color image classification via quaternion principal component analysis network. <i>Neurocomputing</i> , 2016, 216, 416-428.	5.9	62

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37	No-reference quality assessment of enhanced images. China Communications, 2016, 13, 121-130.	3.2	8
38	Fairness in secure computing protocols based on incentives. Soft Computing, 2016, 20, 3947-3955.	3.6	3
39	No-reference quality assessment of deblocked images. Neurocomputing, 2016, 177, 572-584.	5.9	72
40	Color image watermarking based on quaternion Fourier transform and improved uniform log-polar mapping. Computers and Electrical Engineering, 2015, 46, 419-432.	4.8	65
41	Internet-oriented optimization schemes for joint compression and encryption. China Communications, 2015, 12, 158-168.	3.2	3
42	Fast Computation of Sliding Discrete Tchebichef Moments and Its Application in Duplicated Regions Detection. IEEE Transactions on Signal Processing, 2015, 63, 5424-5436.	5.3	22
43	Color Image Analysis by Quaternion-Type Moments. Journal of Mathematical Imaging and Vision, 2015, 51, 124-144.	1.3	251
44	Removing Gaussian noise for colour images by quaternion representation and optimisation of weights in non-local means filter. IET Image Processing, 2014, 8, 591-600.	2.5	20
45	Full 4-D quaternion discrete Fourier transform based watermarking for color images. , 2014, 28, 106-119.		107
46	Quaternion Bessel-Fourier moments and their invariant descriptors for object reconstruction and recognition. Pattern Recognition, 2014, 47, 603-611.	8.1	69
47	Combined Invariants to Similarity Transformation and to Blur Using Orthogonal Zernike Moments. IEEE Transactions on Image Processing, 2011, 20, 345-360.	9.8	47
48	Color Image Analysis by Quaternion Zernike Moments. , 2010, , .		26
49	Fast Computation of Tchebichef Moments for Binary and Grayscale Images. IEEE Transactions on Image Processing, 2010, 19, 3171-3180.	9.8	70
50	Face recognition by fusing binary edge feature and second-order mutual information. , 2008, , .		3
51	Real-time COVID-19 detection over chest x-ray images in edge computing. Computational Intelligence, 0, , .	3.2	2