

# Xiao-Chen Yuan

## List of Publications by Year in descending order

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48  
papers

957  
citations

516710

16  
h-index

454955

30  
g-index

48  
all docs

48  
docs citations

48  
times ranked

696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinforcement Learning-Based Optimization for Mobile Edge Computing Scheduling Game. IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, 7, 55-64.	4.9	7
2	Detection of weak electromagnetic interference attacks based on fingerprint in IIoT systems. Future Generation Computer Systems, 2022, 126, 295-304.	7.5	17
3	Gauss–Jordan elimination-based image tampering detection and self-recovery. Signal Processing: Image Communication, 2021, 90, 116038.	3.2	8
4	Adaptive Feature Calculation and Diagonal Mapping for Successive Recovery of Tampered Regions. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2617-2630.	8.3	6
5	A dual-tamper-detection method for digital image authentication and content self-recovery. Multimedia Tools and Applications, 2021, 80, 29805-29826.	3.9	4
6	FD-TR: feature detector based on scale invariant feature transform and bidirectional feature regionalization for digital image watermarking. Multimedia Tools and Applications, 2021, 80, 32197-32217.	3.9	1
7	Alteration Detection of Multispectral/Hyperspectral Images Using Dual-Path Partial Recurrent Networks. Remote Sensing, 2021, 13, 4802.	4.0	3
8	Dual Partial Recurrent Networks for Hyperspectral Image Change Detection. , 2021, , .		1
9	Adaptive segmentation-based feature extraction and S-STDM watermarking method for color image. Neural Computing and Applications, 2020, 32, 9181-9200.	5.6	3
10	Spatial Domain-Based Nonlinear Residual Feature Extraction for Identification of Image Operations. Applied Sciences (Switzerland), 2020, 10, 5582.	2.5	1
11	Gram–Schmidt Orthogonalization-Based Audio Multiple Watermarking Scheme. Circuits, Systems, and Signal Processing, 2020, 39, 3958-3977.	2.0	3
12	Quaternion Discrete Fourier Transform-Based Color Image Watermarking Method Using Quaternion QR Decomposition. IEEE Access, 2020, 8, 72308-72315.	4.2	21
13	Automatic Multi-Level In-Exhale Segmentation and Enhanced Generalized S-Transform for wheezing detection. Computer Methods and Programs in Biomedicine, 2019, 178, 163-173.	4.7	12
14	Triple-Classification of Respiratory Sounds Using Optimized S-Transform and Deep Residual Networks. IEEE Access, 2019, 7, 32845-32852.	4.2	90
15	Local multi-watermarking method based on robust and adaptive feature extraction. Signal Processing, 2018, 149, 103-117.	3.7	35
16	Multi-scale feature extraction and adaptive matching for copy-move forgery detection. Multimedia Tools and Applications, 2018, 77, 363-385.	3.9	22
17	RegFrame: fast recognition of simple human actions on a stand-alone mobile device. Neural Computing and Applications, 2018, 30, 2787-2793.	5.6	2
18	Audio Amplitude-Level Quantification Vector for Identification of Audio Post-Processing Operation. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Detection And Classification Of Various Image Operations Using Deep Learning Technology. , 2018, , .		5
20	Image Quality Estimation Using Logarithmic Spread Transform Dither Modulation. , 2018, , .		0
21	Dual-Tree Complex Wavelet Transform Based Audio Watermarking Using Distortion-Compensated Dither Modulation. IEEE Access, 2018, 6, 60834-60842.	4.2	4
22	Robust image hashing using progressive feature selection for tampering detection. Multimedia Tools and Applications, 2018, 77, 11609-11633.	3.9	22
23	Image segmentation-based robust feature extraction for color image watermarking. , 2018, , .		1
24	Robust digital image watermarking using distortion-compensated dither modulation. , 2018, , .		1
25	Robust Feature Extraction Based Watermarking Method Using Spread Transform Dither Modulation. , 2017, , .		1
26	Image Alignment-Based Multi-Region Matching for Object-Level Tampering Detection. IEEE Transactions on Information Forensics and Security, 2017, 12, 377-391.	6.9	17
27	Audio post-processing detection and identification based on audio features. , 2017, , .		6
28	Adaptive Polar Based Filtering Method for Image Copy-Move Forgery Detection. , 2016, , .		4
29	Quaternion-Based Image Hashing for Adaptive Tampering Localization. IEEE Transactions on Information Forensics and Security, 2016, 11, 2664-2677.	6.9	64
30	Multi-scale image hashing using adaptive local feature extraction for robust tampering detection. Signal Processing, 2016, 121, 1-16.	3.7	63
31	Multi-Level Dense Descriptor and Hierarchical Feature Matching for Copyâ€“Move Forgery Detection. Information Sciences, 2016, 345, 226-242.	6.9	68
32	Multi-scale noise estimation for image splicing forgery detection. Journal of Visual Communication and Image Representation, 2016, 38, 195-206.	2.8	53
33	Adaptive local feature based multi-scale image hashing for robust tampering detection. , 2015, , .		0
34	Robust Mel-Frequency Cepstral coefficients feature detection and dual-tree complex wavelet transform for digital audio watermarking. Information Sciences, 2015, 298, 159-179.	6.9	26
35	Image Forgery Detection Using Adaptive Oversegmentation and Feature Point Matching. IEEE Transactions on Information Forensics and Security, 2015, 10, 1705-1716.	6.9	217
36	Histogram modification based image watermarking resistant to geometric distortions. Multimedia Tools and Applications, 2015, 74, 7821-7842.	3.9	8

#	ARTICLE	IF	CITATIONS
37	Digital Image Forgery Detection Using JPEG Features and Local Noise Discrepancies. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	22
38	Feature extraction and local Zernike moments based geometric invariant watermarking. Multimedia Tools and Applications, 2014, 72, 777-799.	3.9	26
39	Feature Based Video Watermarking Resistant to Geometric Distortions. , 2013, , .		7
40	Geometric invariant watermarking by local Zernike moments of binary image patches. Signal Processing, 2013, 93, 2087-2095.	3.7	33
41	Robust Segments Detector for De-Synchronization Resilient Audio Watermarking. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 2412-2424.	3.2	47
42	A Geometric Invariant Digital Image Watermarking Scheme Based on Robust Feature Detector and Local Zernike Moments. , 2012, , .		7
43	Geometric Invariant Digital Image Watermarking Scheme Based on Feature Points Detector and Histogram Distribution. , 2011, , .		1
44	Invariant Digital Image Watermarking Using Adaptive Harris Corner Detector. , 2011, , .		5
45	Robust and Geometric Invariant Watermarking Scheme using Block and Gray-Level Histograms. International Journal of Digital Content Technology and Its Applications, 2010, 4, 171-183.	0.1	4
46	Geometric Invariant Digital Image Watermarking Scheme Based on Histogram in DWT Domain. Journal of Multimedia, 2010, 5, .	0.3	7
47	Robust Block and Gray-Level Histogram Based Watermarking Scheme. Lecture Notes in Computer Science, 2009, , 590-601.	1.3	2
48	Over-Segmentation Based Image Forgery Detection. , 0, , .		0