

Shuo-Tsung Chen

List of Publications by Year in descending order

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32
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258
citing authors

#	ARTICLE	IF	CITATIONS
1	Hiding Patients Confidential Data in the ECG Signal via a Transform-Domain Quantization Scheme. Journal of Medical Systems, 2014, 38, 54.	3.6	53
2	Wavelet-Based Watermarking and Compression for ECG Signals with Verification Evaluation. Sensors, 2014, 14, 3721-3736.	3.8	49
3	Adaptive audio watermarking via the optimization point of view on the wavelet-based entropy. , 2013, 23, 971-980.		43
4	On construction of an energy monitoring service using big data technology for the smart campus. Cluster Computing, 2020, 23, 265-288.	5.0	35
5	Wavelet-domain audio watermarking using optimal modification on low-frequency amplitude. IET Signal Processing, 2015, 9, 166-176.	1.5	29
6	Optimization-Based Embedding for Wavelet-Domain Audio Watermarking. Journal of Signal Processing Systems, 2015, 80, 197-208.	2.1	24
7	Optimization-based image watermarking with integrated quantization embedding in the wavelet-domain. Multimedia Tools and Applications, 2016, 75, 5493-5511.	3.9	22
8	Optimization-based audio watermarking with integrated quantization embedding. Multimedia Tools and Applications, 2016, 75, 4735-4751.	3.9	20
9	Improving SVD-based image watermarking via block-by-block optimization on singular values. Eurasip Journal on Image and Video Processing, 2015, 2015, .	2.6	10
10	DWT-Based Segmentation Method for Coronary Arteries. Journal of Medical Systems, 2014, 38, 55.	3.6	8
11	Wavelet-Based Quantization Watermarking for ECG Signals. , 2012, , .		7
12	Optimisation-based time slot assignment and synchronisation for TDMA MAC in industrial wireless sensor network. IET Communications, 2019, 13, 2932-2940.	2.2	6
13	Coronary Arteries Segmentation Based on the 3D Discrete Wavelet Transform and 3D Neutrosophic Transform. BioMed Research International, 2015, 2015, 1-9.	1.9	5
14	Emergency Evacuation Planning via the Point of View on the Relationship Between Crowd Density and Moving Speed. Wireless Personal Communications, 2021, 119, 2577-2602.	2.7	5
15	Machine Learning Modeling for Failure Detection of Elevator Doors by Three-Dimensional Video Monitoring. IEEE Access, 2020, 8, 211595-211609.	4.2	4
16	High-SNR steganography for digital audio signal in the wavelet domain. Multimedia Tools and Applications, 2021, 80, 9597-9614.	3.9	4
17	Optimisation-based deployment of beacons for indoor positioning using wireless communications and signal power ranking. IET Communications, 2020, 14, 2915-2923.	2.2	4
18	Patient Confidential Information Transmission Using the Integration of PSO-Based Biomedical Signal Steganography and Threshold-Based Compression. Journal of Medical and Biological Engineering, 2021, 41, 433-446.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Digital audio signal watermarking using minimum-energy scaling optimisation in the wavelet domain. IET Signal Processing, 2020, 14, 791-802.	1.5	3
20	Wavelet-Domain Image Watermarking Using Optimization-Based Mean Quantization. Advances in Intelligent Systems and Computing, 2014, , 279-286.	0.6	2
21	Digital audio watermarking using minimum-amplitude scaling on optimized DWT low-frequency coefficients. Multimedia Tools and Applications, 2021, 80, 2413-2439.	3.9	2
22	Obstructive hydrocephalus as a result of giant cell tumor of the thoracic spine: A case report. Oncology Letters, 2016, 11, 39-44.	1.8	1
23	Digital Audio Watermarking by Amplitude Embedding System. Smart Innovation, Systems and Technologies, 2020, , 143-150.	0.6	1
24	Digital Audio Watermarking by Quantization Embedding System. Smart Innovation, Systems and Technologies, 2020, , 133-141.	0.6	1
25	Intelligent Healthcare System Using Patients Confidential Data Communication in Electrocardiogram Signals. Frontiers in Aging Neuroscience, 2022, 14, 870844.	3.4	1
26	Automatic Segmentation of Coronary Arteries Based on Region Growing and Discrete Wavelet Transformation. , 2012, , .		0
27	Automatic 3D Vessel Trees Matching in Thoracic CT Scans. , 2012, , .		0
28	TOOTH REGENERATION WITH DENTAL STEM CELL RESEARCH IN MINIATURE PIG MODEL. TĀ;iwĀn ShĀ ² uyĀ«xuĀ© ZĀ;zhĀ-, 2015, 41, 197-203.	0.2	0
29	Echo-Based Image Watermarking Scheme in the Wavelet Domain. , 2017, , .		0
30	Minimum-Energy Group Scaling of Wavelet Coefficient Quantization for Audio Watermarking. , 2019, , .		0
31	Private Data Hiding System Using State-Switch DWT Coefficients Quantization on Digital Signal. International Journal of Pattern Recognition and Artificial Intelligence, 2022, 36, .	1.2	0
32	Application of Deep Reinforcement Learning to NS-SHAFT Game Signal Control. Sensors, 2022, 22, 5265.	3.8	0