

Zhong Liu

List of Publications by Year in descending order

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18
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1307543

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463
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#	ARTICLE	IF	CITATIONS
1	Multiparametric Quantitative US Examination of Liver Fibrosis: A Feature-Engineering and Machine-Learning Based Analysis. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 715-726.	6.3	6
2	Multi-scale information with attention integration for classification of liver fibrosis in B-mode US image. Computer Methods and Programs in Biomedicine, 2022, 215, 106598.	4.7	10
3	Diagnosis of significant liver fibrosis in patients with chronic hepatitis B using a deep learning-based data integration network. Hepatology International, 2022, 16, 526-536.	4.2	6
4	Ultrasound score combined with liver stiffness measurement by sound touch elastography for staging liver fibrosis in patients with chronic hepatitis B: a clinical prospective study. Annals of Translational Medicine, 2022, 10, 271-271.	1.7	2
5	Thyroid nodule recognition using a joint convolutional neural network with information fusion of ultrasound images and radiofrequency data. European Radiology, 2021, 31, 5001-5011.	4.5	18
6	Diagnosis of Significant Liver Fibrosis by Using a DCNN Model With Fusion of Features From US B-Mode Image and Nakagami Parametric Map: An Animal Study. IEEE Access, 2021, 9, 89300-89310.	4.2	5
7	Orientation-independent Feature Matching (OIFM) for Multimodal Retinal Image Registration. Biomedical Signal Processing and Control, 2020, 60, 101957.	5.7	1
8	A Novel Adaptive Fading Kalman Filter-Based Approach to Time-Varying Brain Spectral/Connectivity Analyses of Event-Related EEG Signals. IEEE Access, 2020, 8, 51230-51245.	4.2	2
9	Adaptive Fading Bayesian Unscented Kalman Filter and Smoother for State Estimation of Unmanned Aircraft Systems. IEEE Access, 2020, 8, 119470-119486.	4.2	8
10	Automatic Muscle Fiber Orientation Tracking in Ultrasound Images Using a New Adaptive Fading Bayesian Kalman Smoother. IEEE Transactions on Image Processing, 2019, 28, 3714-3727.	9.8	11
11	Quantitative analysis of non-alcoholic fatty liver in rats via combining multiple ultrasound parameters. Mathematical Biosciences and Engineering, 2019, 16, 4546-4558.	1.9	7
12	A New Model-Based Method for Multi-View Human Body Tracking and Its Application to View Transfer in Image-Based Rendering. IEEE Transactions on Multimedia, 2018, 20, 1321-1334.	7.2	15
13	A hand gesture recognition system based on canonical superpixel-graph. Signal Processing: Image Communication, 2017, 58, 87-98.	3.2	16
14	Bayesian unscented Kalman filter for state estimation of nonlinear and non-Gaussian systems. , 2016, , .		4
15	Hand gesture recognition based on canonical formed superpixel earth mover's distance. , 2016, , .		2
16	Superpixel-Based Hand Gesture Recognition With Kinect Depth Camera. IEEE Transactions on Multimedia, 2015, 17, 29-39.	7.2	255
17	Multi-view articulated human body tracking with textured deformable mesh model. , 2015, , .		3
18	A new multi-view articulated human motion tracking algorithm with improved silhouette extraction and view adaptive fusion. , 2013, , .		1