

序号	作者	论文题目	刊物名称	卷:页/doi 号	IF
1	<b>Ni, D*</b> , Chen, YP, Qin, J, Wang, LS	Sparse imaging of epicardial potentials for patients with WPW syndrome	<i>INTERNATIONAL JOURNAL OF CARDIOLOGY</i>	163:S4-S4	4.036
2	Wang, DF, Hui, Steve C. N., <b>Shi, L*</b> , Huang, WH, Wang, TF, Mok, Vincent C. T., Chu, Winnie C. W., Ahuja, Anil T.	Application of Multimodal MR Imaging on Studying Alzheimer's Disease: A Survey	<i>CURRENT ALZHEIMER RESEARCH</i>	10:877-892	3.889
3	Yao, H, Chen, SC, Shen, Z, Huang, YC, Zhu, X, Wang, XM, Jiang, WQ, Wang, ZF, Bian, XW, Ling, EA, <b>Kung, HF*</b> , Lin, Marie C.	Functional Characterization of a PEI-CyD-FA-Coated Adenovirus as Delivery Vector for Gene Therapy	<i>CURRENT MEDICINAL CHEMISTRY</i>	20:2601-2608	3.853
4	<b>Law, WC*</b> , Hu, R, Chen, CK, Xu, GX, Wang, XM, Roy, Indrajit, Yong, Ken-Tye	One-pot synthesis of near-infrared type II quantum dots and their in vivo applications	<i>RSC ADVANCES</i>	3:11511-11514	3.84
5	Hu, ZH, Zhang, HY, Yuan, JW, <b>Lu, MH*</b> , Chen, SP, Liu, HF	An H-infinity Strategy for Strain Estimation in Ultrasound Elastography Using Biomechanical Modeling Constraint	<i>PLOS ONE</i>	8	3.234
6	Lin, MQ, Chen, Jeon-Hor, Wang, XY, Chan, SW, Chen, SP, <b>Su, MY*</b>	Template-based automatic breast segmentation on MRI by excluding the chest region	<i>MEDICAL PHYSICS</i>	40	2.635
7	<b>Lei, BY*</b> , Soon, IY, Tan, EL	Robust SVD-Based Audio Watermarking Scheme With Differential Evolution Optimization	<i>IEEE TRANSACTIONS ON AUDIO SPEECH AND LANGUAGE PROCESSING</i>	21:2368-2378	2.475
8	Li, QL, Zhang, HS, Qi, SW, Qiu, MB, <b>Chen, X*</b> , Chen, SP, Wang, TF	Continuous Detection of Muscle Aspect Ratio Using Keypoint Tracking in Ultrasonography	<i>IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING</i>	60:2361-2369	2.347

9	Chen, X, Shen, YY, Zheng, Y, Lin, HM, Guo, YR, Zhu, Y, Zhang, XY, Wang, TF, <b>Chen, SP*</b>	Quantification of liver viscoelasticity with acoustic radiation force: a study of hepatic fibrosis in a rat model	<i>ULTRASOUND IN MEDICINE AND BIOLOGY</i>	39:2091–2102	2. 214
10	Li, QL, Ni, D, Yi, WG, Chen, SP, Wang, TF, <b>Chen, X*</b>	Use of optical flow to estimate continuous changes in muscle thickness from ultrasound image sequences	<i>ULTRASOUND IN MEDICINE AND BIOLOGY</i>	39:2194–2204	2. 214
11	Shen, LL, Zhu, ZX, Jia, S, Zhu, JS, <b>Sun, YW*</b>	Discriminative Gabor Feature Selection for Hyperspectral Image Classification	<i>IEEE GEOSCIENCE AND REMOTE SENSING LETTERS</i>	10:29–33	2. 095
12	Shen, YY ; Wang, TF ; Chin, CT ; Diao, XF ; <b>Chen, SP*</b>	Interaction between microbubble and elastic microvessel in low frequency ultrasound field using finite element method	<i>CHINESE SCIENCE BULLETIN</i>	58:291–298	1. 579
13	Zhang, HS, <b>Qi, SW*</b> , Rao, J, Li, QL, Yin, L, Lu, YJ	Development of a rapid and high-performance chemiluminescence immunoassay based on magnetic particles for protein S100B in human serum	<i>LUMINESCENCE</i>	28:927–932	1. 518
14	<b>Zheng, Y*</b> , Yao, AP, Chen, SG, Urban, Matthew W., Lin, HM, Chen, X, Guo, YR, Chen, K, Wang, TF, Chen, SP	Ultrasound Vibrometry Using Orthogonal-Frequency-Based Vibration Pulses	<i>IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL</i>	60:2359–2370	1. 512
15	Lu, MH, Zhang, HY, Wang, J, Yuan, JW, <b>Hu, ZH*</b> , Liu, HF	Reconstruction of elasticity: a stochastic model-based approach in ultrasound elastography	<i>BIOMEDICAL ENGINEERING ONLINE</i>	12	1. 427
16	Zhu, Q, Shen, YY, <b>Zhang, AL*</b> , Xu, Lisa X.	Numerical study of the influence of water evaporation on radiofrequency ablation	<i>BIOMEDICAL ENGINEERING ONLINE</i>	12	1. 427

17	Li, QL, Qi, SW, Zhang, HS, Deng, Y, <b>Chen, X*</b> , Chen, SP, Wang, TF	Continuous thickness measurement of rectus femoris muscle in ultrasound image sequences: A completely automated approach	<i>BIOMEDICAL SIGNAL PROCESSING AND CONTROL</i>	8:792–798	1.419
18	Qi, SW, <b>Li, QL*</b> , Rao, W, Liu, XY, Yin, L, Zhang, HS	Determining the Concentration of Procalcitonin Using a Magnetic Particles-based Chemiluminescence Assay for the Clinical Diagnosis of Sepsis	<i>ANALYTICAL SCIENCES</i>	29:805–810	1.394
19	<b>Lei, BY*</b> , Song, IS, Rahman, SA	Robust and secure watermarking scheme for breath sound	<i>JOURNAL OF SYSTEMS AND SOFTWARE</i>	86:1638–1649	1.352
20	<b>Ji, Z*</b> , Zhou, JR, Zhu, ZX, Chen, SP	Self-configuration single particle optimizer for DNA sequence compression	<i>SOFT COMPUTING</i>	17:675–682	1.271
21	<b>Sun, YW*</b> , Wang, TF, Chen, SP, Zuo, J, Zhang, ZW, Zhang, CL	Impact of dynamical hydration shell around ha protein on nonlinear concentration dependent T-RAYS absorption	<i>JOURNAL OF INNOVATIVE OPTICAL HEALTH SCIENCES</i>	6	1.11
22	Du, ZH, <b>Zhu, YY*</b> , Liu, WX	Combining Quantum-Behaved PSO and K2 Algorithm for Enhancing Gene Network Construction	<i>CURRENT BIOINFORMATICS</i>	8:133–137	0.921
23	<b>Li, QL*</b> , Zhang, HS, Wang, TF	Scale invariant feature matching using rotation-invariant distance for remote sensing image registration	<i>INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE</i>	27	0.669
24	<b>Ni, D*</b> , Li, TM, Yang, X, Qin, J, Li, SL, Chin, CT, Ouyang, SY, Wang, TF, Chen, SP	Selective Search and Sequential Detection for Standard Plane Localization in Ultrasound	<i>ABDOMINAL IMAGING: COMPUTATION AND CLINICAL APPLICATIONS</i>	8198:203–211	0.402
25	Zhu XM, Wang XM, Zhai P, Feng G, Lin GM, Chen Q, Mei SJ, Niu HB, <b>Xu GX*</b>	Applications of Functionalized Quantum Dots in Tumor in vivo Imaging	<i>PROGRESS IN BIOCHEMISTRY AND BIOPHYSICS</i>	40:963–970	0.324

26	<b>Peng, J*</b> , Hu, ZH, Tang, H, Chen, X, Wang, TF, Chen, SP	Fabrication and Performance of a 10 MHz Annular Array Based on PMN-PT single crystal for Medical Imaging	<i>2013 IEEE INTERNATIONAL ULTRASONICS SYMPOSIUM (IUS)</i>	516–518	
27	Zhang, XY, Yin, Y, Guo, YR, Diao, XF, <b>Chen, X*</b>	Preliminary Study on the Effect of Stiffness on Lamb Wave Propagation in Bovine Corneas	<i>2013 35TH ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY (EMBC)</i>	1120–1123	
28	Guo, YR, <b>Chen, X*</b> , Lin, HM, Zhang, XY	In-Vitro Quantification of Rat Liver Viscoelasticity with Shear Wave Dispersion Ultrasound Vibrometry	<i>2013 35TH ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY (EMBC)</i>	1915–1918	
29	<b>Ni, D*</b> , Yang, Y, Li, SL, Qin, J, Ouyang, SY, Wang, TF, Heng, PA	Learning based automatic head detection and measurement form fetal ultrasound images via prior knowledge and imaging parameters	<i>2013 IEEE 10TH INTERNATIONAL SYMPOSIUM ON BIOMEDICAL IMAGING (ISBI)</i>	772–775	
30	Sun, YW, <b>Zhu, ZX*</b> , He, S, Ji, Z	A Coevolving Memetic Algorithm for Simultaneous Partitional Clustering and Feature Weighting	<i>2013 IEEE WORKSHOP ON MEMETIC COMPUTING (MC)</i>	9--15	