

序号	作者	论文题目	刊物名称	卷:页/doi 号	IF
1	Zhou, JR Weber, Ralf J. M., Allwood, J. William, Mistrik, Robert, Zhu, ZX, Ji, Z, Chen, SP, Dunn, Warwick B., He, S, Viant, Mark R* .	HAMMER: automated operation of mass frontier to construct in silico mass spectral fragmentation libraries	<i>BIOINFORMATICS</i>	30:581-583	4.981
2	Yu, H, Xu, L, Chen, SP*	A transfer efficiency model for ultrasound mediated drug/gene transferring into cells	<i>ULTRASONICS SONOCHEMISTRY</i>	21:113-120	4.321
3	Lin, GM* , Ding, ZC, Hu, R, Wang, XM, Chen, Q, Zhu, XM, Liu, K, Liang, JH, Lu, FQ, Lei, DL, Xu, GX, Yong, Ken-Tye	Cytotoxicity and immune response of CdSe/ZnS Quantum dots towards a murine macrophage cell line	<i>RSC ADVANCES</i>	4:5792-5797	3.84
4	Yang, TY, Li, BP* , Meng, Max Q. -H.	Robust Object Tracking with Reacquisition Ability using Online Learned Detector	<i>IEEE TRANSACTIONS ON CYBERNETICS</i>	44:2134-2142	3.469
5	Tan, LH, Sun, YM* , Gao, Y, Zhou, YX, Chen, H, Wang, GQ, Xu, JQ, Xia, JG, Huen, MSY, Siok, WT, Jiang, YY	Association Study of Developmental Dyslexia Candidate Genes DCDC2 and KIAA0319 in Chinese Population	<i>AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS</i>	165: 627-634	3.416
6	Zhang, L, Kong, H, Chin, C T, Liu, SX, Fan, XM, Wang, TF* , Chen, SP	Automation-Assisted Cervical Cancer Screening in Manual Liquid-Based Cytology With Hematoxylin and Eosin Staining	<i>CYTOMETRY PART A</i>	85:214-230	2.928
7	Lei, BY, Ni, D, Chen, SP, Wang, TF, Zhou, F*	Optimal image watermarking scheme based on chaotic map and quaternion wavelet transform	<i>NONLINEAR DYNAMICS</i>	78:2897-907	2.849
8	Lei, BY, Tan, EL, Chen, SP, Ni, D* , Wang, TF, Lei, HJ	Reversible watermarking scheme for medical image based on differential evolution	<i>EXPERT SYSTEMS WITH APPLICATIONS</i>	41:3178-3188	2.24

9	Ni, D, Yang, X, Chen, X, Chin, CT, Chen, SP, Heng, PA, Li, SL* , Qin, J, Wang, TF	STANDARD PLANE LOCALIZATION IN ULTRASOUND BY RADIAL COMPONENT MODEL AND SELECTIVE SEARCH	<i>ULTRASOUND IN MEDICINE AND BIOLOGY</i>	40:2728-2742	2. 214
10	Lei, BY* , Rahman, SA, Song, IS	Content-based classification of breath sound with enhanced features	<i>NEUROCOMPUTING</i>	141:139-147	2. 083
11	Qin, J, Zhang, GP* , Sun, R, Wong, CP	Synthesis of aromatic amine curing agent containing non-coplanar rigid moieties and its curing kinetics with epoxy resin	<i>JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY</i>	117:831-843	2. 024
12	Chen, H, Wang, GQ, Xia, JG, Zhou, YX, Gao, Y, Xu, JQ, Huen, Michael S. Y., Siok, Wai T, Jiang, YY, Tan, LH* , Sun, YM	Stuttering candidate genes DRD2 but not SLC6A3 is associated with developmental dyslexia in Chinese population	<i>BEHAVIORAL AND BRAIN FUNCTIONS</i>	10	1. 972
13	Li, JZ, Zhou, YJ , Ivanov, Kamen, Zheng, YP	Estimation and visualization of longitudinal muscle motion using ultrasonography: A feasibility study	<i>ULTRASONICS</i>	54:779-788	1. 942
14	Peng, J* , Wang, WJ, Tang, H, Wang, TF, Chen, SP	Fabrication and performance of a 64 x 5 element 1.5D active matrix array transducer for medical imaging	<i>SENSORS AND ACTUATORS A-PHYSICAL</i>	214:81-87	1. 903
15	Zhu, Y ; Zhang, XY ; Zheng, Y ; Chen, X ; Shen, YY ; Lin, HM; Guo, YR ; Wang, TF ; Chen, SP *	Quantitative analysis of liver fibrosis in rats with shearwave dispersion ultrasound vibrometry: Comparison with dynamic mechanical analysis	<i>MEDICAL ENGINEERING & PHYSICS</i>	36:1401-1407	1. 825
16	Chu, CH Geoffrey, Zhou, YJ, Zheng, YP, Kee, Chea-su*	Bi-directional corneal accommodation in alert chicks with experimentally-induced astigmatism	<i>VISION RESEARCH</i>	98:26-34	1. 815
17	Chen, SF, Zhou, Q, Ding, HJ*	Learning Boundary and Appearance for Video Object Cutout	<i>IEEE SIGNAL PROCESSING LETTERS</i>	21:01-104	1. 751

18	Lu MH, Guo, L* ; Liu, GQ; Xia, H; Liu, Y	Conductivity reconstruction algorithms and numerical simulations for magneto-acousto-electrical tomography with piston transducer in scan mode	<i>CHINESE PHYSICS B</i>	23	1. 603
19	Zhang, JB, Gao, JL, Shi, HQ, Huang, BS, Wang, X, Sit, WeiJ, Cai, WX, Yi, JY, Zhu, XZ, Yao, SQ*	Sex Differences of Uncinate Fasciculus Structural Connectivity in Individuals with Conduct Disorder	<i>BIOMED RESEARCH INTERNATIONAL</i>	2014: 673165	1. 579
20	Li, HH; Zhou, YJ; Mou, XQ; Ji, Z; Yu, H; Wang, L*	Miniature Four-Band CPW-Fed Antenna for RFID/WiMAX/WLAN Applications	<i>IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS</i>	13:1684-1688	1. 579
21	Lin, GM, Chen, Q, Yu, SH, Lin, SX, Yao, H, Ding, ZC, Chen, SP, Lin, Marie Chia-Mi, Wang, XM*	Overexpression of human telomerase reverse transcriptase C-terminal polypeptide sensitizes HeLa cells to 5-fluorouracil-induced growth inhibition and apoptosis	<i>MOLECULAR MEDICINE REPORTS</i>	9:279-284	1. 554
22	Lin, GM, Chen, Q, Yu, SH, Lin, SX, Yao, H, Ding, ZC, Chen, SP, Lin, Marie Chia-Mi, Wang, XM*	Overexpression of human telomerase reverse transcriptase C-terminal polypeptide sensitizes HeLa cells to 5-fluorouracil-induced growth inhibition and apoptosis	<i>MOLECULAR MEDICINE REPORTS</i>	9:279-284	1. 554
23	Lu, MH, Xiong, HH, Liu, X, Tian, XH, Pu, LN, Zhang, HY* , Huang, WH, Zhang, YT	A numerical study of the effect of varied blood pressure on the stability of carotid atherosclerotic plaque	<i>BIOMEDICAL ENGINEERING ONLINE</i>	13	1. 427
24	Li, HH, Zhao, GR, Zhou, YJ* , Chen, X, Ji, Z, Wang, L	Relationship of EMG/SMG features and muscle strength level: an exploratory study on tibialis anterior muscles during plantar-flexion among hemiplegia patients	<i>BIOMEDICAL ENGINEERING ONLINE</i>	13	1. 427
25	Lu, MH, Wu, D, Lin, WH, Li, WF, Zhang, HY* , Huang, WH	A stochastic filtering approach to recover strain images from quasi- static ultrasound elastography	<i>BIOMEDICAL ENGINEERING ONLINE</i>	13	1. 427
26	Chen, HW, Jiang, JZ, Gao, JL, Liu, D, Axelsson, Jan, Cui, MY, Gong, NJ, Feng, ST, Luo, LP* , Huang, BS	Tumor Volumes Measured From Static and Dynamic F-18-fluoro-2-deoxy-D-glucose Positron Emission Tomography-Computed Tomography Scan: Comparison of	<i>JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY</i>	38:209-215	1. 411

		Different Methods Using Magnetic Resonance Imaging as the Criterion Standard			
27	Song, S, Li, BP* , Qiao, W, Hu, C, Ren, HL, Yu, HY, Zhang, Q, Meng, Max Q. -H., Xu, GQ	6-D Magnetic Localization and Orientation Method for an Annular Magnet Based on a Closed-Form Analytical Model	<i>IEEE TRANSACTIONS ON MAGNETICS</i>	50	1. 386
28	Zhu, Y, Zheng, Y, Shen, YY, Chen, X, Zhang, XY, Lin, HM, Guo, YR, Wang, TF, Chen, SP*	Analyzing and modeling rheological behavior of liver fibrosis in rats using shear viscoelastic moduli	<i>JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE B</i>	15: 375–381	1. 278
29	Yang, YB ; Zhang, J ; Leng, ZP ; Chen, X, Song ,WQ*	Evaluation of spasticity after stroke by using ultrasound to measure the muscle architecture parameters: a clinical study	<i>INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE</i>	7: 2712–2717	1. 277
30	Zhang, L, Kong, H, Chin, CT, Liu, SX, Chen, Z, Wang, TF* , Chen, SP	Segmentation of cytoplasm and nuclei of abnormal cells in cervical cytology using global and local graph cuts	<i>COMPUTERIZED MEDICAL IMAGING AND GRAPHICS</i>	38: 369–380	1. 218
31	Li, XY, Yao, Y, Ni, D, Chen, SP, Li, SL, Lei, BY* , Wang, TF	Automatic staging of placental maturity based on dense descriptor	<i>BIO-MEDICAL MATERIALS AND ENGINEERING</i>	24: 2821–2829	1. 091
32	Shen, YY, Zhang, AL, Guo, JX, Dan, G, Chen, SP, Yu, H*	Fluorescence imaging of Evans blue extravasation into mouse brain induced by low frequency ultrasound with microbubble	<i>BIO-MEDICAL MATERIALS AND ENGINEERING</i>	24: 2831–2838	1. 091
33	Lin, HM, Wang, TF, Chen, SP*	Shear wave speed estimation by adaptive random sample consensus method	<i>BIO-MEDICAL MATERIALS AND ENGINEERING</i>	24: 467–474	1. 091
34	Yu, H, Chen, SP*	A model to calculate microstreaming-shear stress generated by oscillating microbubbles on the cell membrane in sonoporation	<i>BIO-MEDICAL MATERIALS AND ENGINEERING</i>	24: 861–868	1. 091

35	Zhang, L, Kong, H, Chin, CT, Wang, TF* , Chen, SP	Cytoplasm segmentation on cervical cell images using graph cut-based approach	<i>BIO-MEDICAL MATERIALS AND ENGINEERING</i>	24:1125-1131	1.091
36	Wang, WM, Qin, J, Zhu, L, Ni, D* , Chui, YP, Heng, PA	Detection and Measurement of Fetal Abdominal Contour in Ultrasound Images via Local Phase Information and Iterative Randomized Hough Transform	<i>BIO-MEDICAL MATERIALS AND ENGINEERING</i>	24:1261-1267	1.091
37	Zhou, ZH, Wu, WW, Wu, SC* , Tsui, Po-Hsiang, Lin, Chung-Chih, Zhang, L, Wang, TF	Semi-automatic Breast Ultrasound Image Segmentation Based on Mean Shift and Graph Cuts	<i>ULTRASONIC IMAGING</i>	36:256-276	0.912
38	Song, YY ; Ni, D ; Zeng, ZM ; He, L ; Chen, SP ; Lei, BY * ; Wang, TF	Automatic Vaginal Bacteria Segmentation and Classification Based on Superpixel and Deep Learning	<i>JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS</i>	4:781-786	0.503
39	Dan, G ; Zhang, ZH ; Zeng, XA* ; Han, Z ; Luo, WB; Tang, C ; Quek, SY	Synergetic Effects of Pulsed Electric Field and Ozone Treatments on the Degradation of High Molecular Weight Chitosan	<i>INTERNATIONAL JOURNAL OF FOOD ENGINEERING</i>	10:775-784	0.497