



南京大学声学研究所
近代声学教育部重点实验室
声学与工程

[首页](#) | [机构概况](#) | [人员队伍](#) | [科研成果](#) | [人才培养](#) | [培训和咨询](#) | [招生招聘](#) | [学术交流](#) | [资源共享](#) | [运行管理](#)

科研成果

科研论文

您当前位置: 南京大学声学研究所 >> 科研成果 >> 科研论文 >> 浏览文章

代表性成果

2013

科研项目

发布者: 佚名 信息来源: 本站原创 发布时间: 2015年08月07日 点击数量: 367

获奖情况

科研论文

发布专著

授权专利

历年年报

资源下载
Resource download

- 1、The dynamics of the aspheric encapsulated bubble
J. Acoust. Soc. Am. 133 (1), 119-126(2013)
Weihang Shao, Weizhong Chen
- 2、Modeling and optimization of an acoustic diode based on micro-bubble nonlinearity
J. Acoust. Soc. Am. 133: 1119-1125 (2013)
Guo XS, Lin Z, Tu J, Liang B, Cheng JC, *Zhang D
- 3、Nonlinear acoustic fields in acoustic metamaterial based on a cylindrical pipe with periodically arranged side holes
J. Acoust. Soc. Am. 133 (6), 3846-3852 (2013)
Li Fan, Huan Ge, Shu-yi Zhang, Hai-fei Gao, Yong-hui Liu and Hui Zhang
- 4、Effectiveness of focused source generation methods with consideration of interaural time and level difference
J. Acoust. Soc. Am. 134(1), 1-4(2013)
Jianwen Zheng, Jing Lu and Kai Chen
- 5、Investigation on the inertial cavitation threshold and shell properties of commercialized ultrasound contrast agent microbubbles
J. Acoust. Soc. Am. 134 (2), 1622-1631(2013)
Xiasheng Guo, Qian Li, Zhe Zhang, Dong Zhang, Juan Tu
- 6、Cavitation microstreaming generated by a bubble pair in an ultrasound field
J. Acoust. Soc. Am. 134(2), 1675(2013)
Chenghui Wang and Jianchun Cheng
- 7、Computational study on the propagation of strongly focused nonlinear ultrasound in tissue with rib-like structures
J. Acoust. Soc. Am. 134 (2), 1702 - 1714(2013)
Jiexing Lin, Xiaozhou Liu, Xiufen Gong,
- 8、In situ probing of intracellular pH by fluorescence from inorganic nanoparticles
Biomaterials 34, 9183 (2013)
J. H. Guo, S. J. Xiong, X. L. Wu, J. C. Shen, and Paul K. Chu
- 9、Versatile Graphene-Promoting Photocatalytic Performance of Semiconductors: Basic Principles, Synthesis, Solar Energy Conversion and Environmental Applications
Adv. Funct. Mater. 23, 4996(2013)
Wenguang Tu, Yong Zhou, Zhigang Zou
- 10、Enhancement of asymmetric acoustic transmission
Applied Physics Letters, 102, 113511 (2013)
H.X. Sun, S.Y. Zhang
- 11、Quantitative detection of stochastic microstructure in turbid media by photoacoustic spectral matching
Applied Physics Letters 102, 114102 (2013).
Shaohua Wang, Chao Tao*, Xuoding Wang, Xiaojun Liu
- 12、Acoustic total transmission and total reflection in zero-index metamaterials with defects
Applied Physica Letters 102, 174104 (2013)
Wei Qi, Cheng Ying, Liu Xiaojun
- 13、Sub-wavelength ultrasonic therapy using a spherical cavity transducer with open ends
Applied Physics Letters, 102, 204102 (2013)
Li FQ, Wang H, Zeng DP, Fan TB, Geng H, *Zhang D, *Wang ZB
- 14、Acoustic subwavelength imaging of subsurface objects with acoustic resonant metalens
Applied Physica Letters 103, 224104 (2013)
Cheng Ying, Zhou Chen, Wei Qi, Wu Dajian, Liu Xiaojun
- 15、Unidirectional acoustic transmission through a prism with near-zero refractive index
Applied Physics Letters 103, 053505 (2013)
Yong Li, Bin Liang, Zhong-ming Gu, Xin-ye Zou, and Jian-chun Cheng
- 16、Extraordinary acoustic transmission through ultrathin acoustic metamaterials by coiling up space
Applied Physics Letters 103, 063509 (2013)
Yong Li, Bin Liang, Xin-ye Zou, and Jian-chun Cheng
- 17、Finite element modeling of acoustic wave propagation and energy deposition in bone during extracorporeal shock wave treatment.
J. Appl. Phys., 113(24): 244901 (2013)
Xiaofeng Wang, Thomas J. Matula, Yong Ma, Zheng Liu, Juan Tu, Guo XS, *Zhang D
- 18、Theoretical investigation of acoustic wave devices based on different piezoelectric films deposited on silicon carbide

Journal of Applied Physics 114, 024504 (2013)
 Li Fan, Shu-yi Zhang, Huan Ge and Hui Zhang
 19, Acoustic one-way frequency up-converter with high transmission efficiency
Journal of Applied Physics 114, 134508 (2013)
 Weiwei Kan, Bin Liang, Xuefeng Zhu, Xinye Zou, Jun Yang, and Jianchun Cheng
 20, Controllable acoustic rectification in one-dimensional piezoelectric composite plates
Journal of Applied Physics 114, 164504 (2013)
 Xin-Ye Zou, Bin Liang, Ying Yuan, Xue-Feng Zhu, and Jian-Chun Cheng
 21, Investigation of activated oxygen molecules on the surface of Y2O3 nanocrystals by Raman scattering
J. Appl. Phys. 114, 093512 (2013)
 J. Q. Xu, S. J. Xiong, X. L. Wu, T. H. Li, J. C. Shen, and Paul K. Chu
 22, Systematic calculations of alpha decay properties based on results from recent experiments
Physical Review C 88, 044329(2013)
 Yibin Qian and Zhongzhou Ren
 23, Electroweak charge density distributions with parity-violating electron scattering
Physical Review C 88, 054321(2013)
 Jian Liu, Zhongzhou Ren, Chang Xu, and Renli Xu
 24, Systematic study of the symmetry energy under the local density approximation
Physical Review C 88, 024324(2013)
 Jian Liu, Zhongzhou Ren, Chang Xu, and Renli Xu
 25, Comparative study of lesions created by high-intensity focused ultrasound using sequential discrete and continuous scanning strategies
IEEE Transactions on Biomedical Engineering, 60: 763-769 (2013)
 Fan TB, Liu ZB, *Zhang D
 26, Characteristics of surface acoustic waves excited by (1120) ZnO films deposited on R-sapphire substrates
IEEE Trans. Ultras. Ferroelec. Freq. Cont. 59 (12), 12139 (2013)
 Y. Wang, S.Y. Zhang, L. Fan, X.J. Shui, Z.N. Zhang, K. Wasa
 1. Time difference of arrival estimation exploiting multichannel spatio-temporal prediction
IEEE Transactions on Audio, Speech, and Language Processing 21(3), 463 - 475, 2013
 He, H., Wu, L., Lu, J., Qiu, X., Chen, J.
 28, [Enhancement effect of ultrasound-induced microbubble cavitation on branched polyethylenimine-mediated VEGF165 transfection with varied V/P ratio.](#)
Ultra Med. Biol., 39(1): 161-171 (2013)
 Chunbing Zhang, Huilin Cao, Qian Li, Juan Tu, et. al
 29, Ultrasound-assisted permeability improvement and acoustic characterization for solid-state fabricated PLA foams
Ultrasonics Sonochemistry, 20: 137-143 (2013)
 Guo GP, Ma QY, Zhao B, Zhang D
 30, Photoacoustic tomography extracted from speckle noise in acoustically inhomogeneous tissue
Optics Express 21(15), 18061-18067 (2013).
 Dan Wu, Chao Tao*, Xiaojun Liu
 31, Three-layered metalodielectric nanoshells: plausible meta-atoms for metamaterials with isotropic negative refractive index at visible wavelengths
Optics Express 21, 1076 (2013)
 D. J. Wu, S. M. Jiang, Y. Cheng and X. J. Liu
 32, Reflected wavefront manipulation based on ultrathin planar acoustic metasurfaces
Scientific Reports 3: 2546 (2013)
 Yong Li, Bin Liang, Zhong-ming Gu, Xin-ye Zou and Jian-chun Cheng
 33, Acoustic Illusion near Boundaries of Arbitrary Curved Geometry
Scientific Reports 3: 1427 (2013)
 Weiwei Kan, Bin Liang, Xuefeng Zhu, Ruiqi Li, Xinye Zou, Haodong Wu, Jun Yang and Jianchun Cheng

上一篇文章: 2014 下一篇文章: 2012

联系我们 | 声学所简介 | 英才招聘 | 版权声明

Copyright 2003-2015 南京大学声学研究所 All Rights Reserved

地址: 中国江苏 南京市汉口路22号 邮编: 210093 Tel: 025-83592385 Email: postsndi@nju.edu.cn

