


| 教师简况          |   |    |      |                   |         |   |
|---------------|---|----|------|-------------------|---------|---|
| 姓名            | 胡晓  | 性别 | 女    | 专业技术<br>职 务       | 专业技术十级岗 |  |
| 所在系           | 计算机科学与技术系   |    | 邮箱   | 1162019872@qq.com |         |   |
| 最终学位或<br>最后学历 | 工学博士研究生   |    | 研究方向 | 图像处理、微弱信号处理       |         |   |
| 奖励与荣誉         | 1. 2020-2021 学年荣获学生工作先进个人优秀班主任荣誉称号；<br>2. 2021-2022 学年荣获学生工作先进个人优秀辅导员荣誉称号；<br>3. 2021-2022 学年荣获就业与创新创业工作先进个人荣誉称号。   |    |      |                   |         |   |
| 研究项目          |   |    |      |                   |         |   |
| 代表性论文<br>与著作  | <p>Hu X, Zhang Y, Deng L, Guanghui Cai, Qinghui Zhang, Yi Zhou, Kexin Zhang, Junhua Zhang. Assessment of Homodyned K Distribution Modeling Ultrasonic Speckles from Scatterers with Varying Spatial Organizations [J]. Journal of Healthcare Engineering, September 2017, 2017(9), pp:1-14. (SCI, EI 收录)</p> <p>Xiao Hu, Yufeng Zhang, Guanghui Cai, Kexin Zhang, Li Deng, Lian Gao, Suyu Han, Jianhua Chen. A dynamic ultrasound simulation of a pulsating three-layered CCA for validation of 2D wall motion and blood velocity estimation algorithms [J]. medical physics, January 2018, 45(1), pp:131-143. (SCI, EI 收录)</p> <p>胡晓, 张榆锋, 高莲, 蔡光卉, 贾志国, 章克信, 邓丽. 三层膜管壁结构的颈动脉超声仿真 [J]. 声学学报, 2015, 40(4), pp: 162-169. (EI 收录)</p> <p>Hu X., Zhang Y., Gao L., Cai G., Jia Z., Zhang K., Deng L. An ultrasound simulation method for carotid arteries with a wall structure of three membranes [J]. Journal of Acoustics, 2015, 34(3), pp:241-252. (EI 收录)</p> <p>Hu X., Zhang Y., Zhang K., Xu Y., Ultrasound simulation for 3D model of carotid artery with three membranes [C], 2015 Asia-Pacific Biological Engineering and Biomedical Conference, Shanghai, China, January 30-31 2015, pp:566-572. (EI, ISTP 收录)</p> <p>Xiao Hu, Yufeng Zhang, Li Deng, Shuang Peng, Yi Zhou, Junhua Zhang, Kexin Zhang. A Comparison</p> |    |      |                   |         |   |

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|---------------|---|---------|----|--------|
|               | <p>of the Homodyned K-distribution and the Single Distributions for RF Ultrasonic Speckle Modeling [C], The 2015 8th International Conference on BioMedical Engineering and Informatics, Shenyang, China, October 14-16 2015, pp:131-136. (EI Compendex、ISTP、IEEE Xplore 收录)</p> <p>胡晓, 张榆锋, 陈建华, 高莲, 邓丽, 姚瑞晗, 彭程祥, 熊敏. 《一种皮下浅层动脉血管局域弹性分布检测探头》, ZL201610190279.3。</p> |         |    |        |
| 近五年主讲<br>课程情况 | 时间  | 课程名称    | 学时 | 主要授课对象 |
|               | 2021.9-2022.1   | 数字逻辑    | 40 | 本科生    |
|               | 2022.3-2022.7   | 机器人学导论  | 48 | 本科生    |
|               | 2023.3-2023.7   | 计算机组成原理 | 48 | 本科生    |
|               | 2023.9-2024.1   | 嵌入式系统技术 | 48 | 本科生    |