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080401精密仪器及机械	文/ 访问量: 40 发布时间: 2018-09-06																										
080402测试计量技术及仪器	<table border="1"> <tr> <td rowspan="4"></td> <td>姓名:</td> <td>尹建华</td> <td>性别:</td> <td>男</td> <td>职务:</td> <td></td> </tr> <tr> <td>职称:</td> <td>教授</td> <td>导师类别:</td> <td>博士生导师</td> <td>办公室:</td> <td></td> </tr> <tr> <td>研究领域:</td> <td colspan="5">生物医学光谱学及成像(Biomed Spectroscopy and Micro-Imaging) 光谱显微图像分析(Spectroscopic Image Analysis) 计量学建模及计算(Chemometrics Modeling and Assessment) 生医光子学技术开发及应用 (D&A of Biomed Photonics Tech.) 光谱生物分析化学(Spectroscopic Bioanalytical Chemistry) 药物及肿瘤的光谱学检测 (Spectroscopic detection of Drug and Tumor)</td> </tr> <tr> <td>电话:</td> <td></td> <td>Email:</td> <td colspan="3">yin at nuaa.edu.cn</td> </tr> </table>			姓名:	尹建华	性别:	男	职务:		职称:	教授	导师类别:	博士生导师	办公室:		研究领域:	生物医学光谱学及成像(Biomed Spectroscopy and Micro-Imaging) 光谱显微图像分析(Spectroscopic Image Analysis) 计量学建模及计算(Chemometrics Modeling and Assessment) 生医光子学技术开发及应用 (D&A of Biomed Photonics Tech.) 光谱生物分析化学(Spectroscopic Bioanalytical Chemistry) 药物及肿瘤的光谱学检测 (Spectroscopic detection of Drug and Tumor)					电话:		Email:	yin at nuaa.edu.cn		
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080472仪器科学与技术(生物医学信息与仪器)	<p>个人简介</p> <p>南京航空航天大学生物医学工程系教授, 中国光学学会生物医学光子学专业委员会委员, 中国生物医学工程学会纳米医学分会、中国电子学会生命电子学分会、日本分析化学学会等学会高级会员。发表文章七十余篇, 一作及通讯作者SCI论文三十多篇。申请发明专利3项, 授权1项。主持NSFC面上项目、教育部博士学科点基金、江苏省自然科学基金和江苏省“六大人才高峰”高层次人才计划等项目。作为项目主要完成人参与完成2项美国NIH R01项目, 2项日本文部省重大项目, 3项国家自然科学基金面上项目。</p> <p>指导江苏省优秀学术硕士学位论文1项(2017), 研究生创新基金项目、校优秀硕士学位论文、校优秀本科毕业设计各2项。指导研究生获得国家奖学金(2015、2016年度3人各20K)、中航工业奖学金(2017年度1人6K)、南京市第十二届自然科学优秀学术论文三等奖</p> <p>学术成果</p> <p>部分代表性成果: [to update soon or to visit http://bmsi.nuaa.edu.cn/]</p>																										
电气工程	<p>【红外光谱成像/分析及化学计量学&荧光成像光谱&光子技术@生物医学&生物医学光子学】</p> <p>[1] Zhi-Hua Mao, Jian-Hua Yin*, Xue-Xi Zhang, Xiao Wang, Yang Xia, Discrimination of healthy and osteoarthritic articular cartilage by Fourier transform infrared imaging and Fisher's discriminant analysis, Biomed. Opt. Express, 7(2) 448-452, 2016 (SCI IF3.648)</p> <p>[2] Zhi-Hua Mao *, Yue-Chao Wu †, Xue-Xi Zhang, Hao Gao and Jian-Hua Yin*, Comparative study on identification of healthy and osteoarthritic articular cartilages by fourier transform infrared imaging and chemometrics methods, J Innov Opt Hea Sci, 10, 1650051, 2017 (SCI)</p> <p>[3] Xue-Xi Zhang, Jian-Hua Yin*, Zhi-Hua Mao, Yang Xia, Discrimination of healthy and osteoarthritic articular cartilage by Fourier transform infrared imaging and partial least squares-discriminant analysis, J Biomed Opt, 20(6), 060501, 2015 (SCI IF2.85)</p> <p>[4] Xue-Xi Zhang, Zhi-Hua Mao, Jian-Hua Yin*, Yang Xia, Determination of collagen and proteoglycan concentration in osteoarthritic and healthy articular cartilage by Fourier transform infrared imaging and partial least square, Vib Spectros, 78, 49-53, 2015 (SCI IF2.1)</p> <p>[5] Zhi-Hua MAO, Xue-Xi ZHANG, Yue-Chao WU, Jian-Hua YIN*, XIA Yang, Fourier Transform Infrared Microscopic Imaging and Fisher Discriminant Analysis for Identification of Healthy and Degenerated Articular Cartilage, Chin J Anal Chem, 43, 5522, 2015 (SCI) (CN)</p> <p>毛之华, 张学喜, 吴超, 尹建华*, Xia Yang, 健康和病变关节软骨的傅里叶变换红外光谱显微成像及Fisher判别. 分析化学, 43: 5522, 2015 (SCI) (CN)</p> <p>[6] Jian-Hua Yin, Yang Xia*, "Proteoglycan Concentrations in Healthy and Diseased Articular Cartilage by Fourier Transform Infrared Imaging and Principal Component Regression", Spectrochim Acta A: Molecular and Biomolecular Spectroscopy, 118, 825-830, 2014 (SCI, IF=2.653)</p> <p>[7] Xue-Xi Zhang, Zhi-Yan Xiao, Jian-Hua Yin*, et al. Concentration Determination of Collagen and Proteoglycan in Bovine Nasal Cartilage by Fourier Transform Infrared Imaging and PLS, Proc. of SPIE, 9230: 923015-1~7, 2014 (EI)</p>																										
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承担项目

主持项目:

- 2016 江苏省第十一批“六大人才高峰”高层次人才计划项目
- 国家自然科学基金面上项目 (61378087)
- 高等学校博士学科点专项科研基金 (20133218120017)

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参研项目:

- 2 项美国NIH R01项目 2008-2012
- 2 项日本文部省重大项目 2005-2008
- 3 项国家自然科学基金 2000-2005

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