

师资队伍/个人信息

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职 称	教授	系别	机械工程系	
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单位地址	南京市浦口区点将台路 40 号		邮编	210031
研究领域	生物质复合材料 纳米/聚合物复合材料			
社会兼职	中国复合材料学会理事 江苏省复合材料学会理事 江苏省颗粒学会理事			
承担项目	1. 国家科技支撑计划项目子课题：稻麦轮作区秸秆还田技术与装备研究（2011BAD20B03-02） 2. 九三学社江苏省委员会参政议政课题：推进用秸秆制备复合材料的研制和开发利用，2015 3. 国创 SRT 项目：应用于物流包装的植物纤维/PVC 复合材料的研究（1530A19） 4. 江苏省农业科技成果转化资金项目：1ZBS 型埋茬耕整机中试与产业化（2014GB2C1003-11）			
学术成果	出版著作： 1. 全国高等农林院校“十一五”规划教材：材料力学（副主编），2008，中国农业出版社 2. “十一五”国家级规划教材：工程材料（参编），2006，中国农业大学出版社 近期主要论文： 1. Fu Jingjing, Wang Siquan, He Chunxia*, et al. Facilitated fabrication of high strength silica aerogels using cellulose nanofibrils as scaffold. Carbohydrate Polymers, 2016, 147: 89-96 (SCI 收录) 2. Huan Zhang, Chunxia He*, Min Yu, et al. Texture Feature Extraction and Classification of SEM Images of Wheat Straw/Polypropylene Composites in Accelerated Aging Test. Advances in Materials Science and Engineering, 2015, doi:10.1155/2015/397845 (SCI 收录) 3. Chunxia He, Renluan Hou, Jiao Xue, et al. The Performance of Polypropylene Wood-Plastic Composites with Different Rice Straw Contents Using Two Methods of Formation. Forest Products Journal, 2013, 63 (1): 61-66 (SCI 收录) 4. 刘丁宁, 何春霞*, 薛娇, 等. 理化预处理麦秸改善其聚丙烯复合材料抗霉菌腐蚀力学性能. 农业工程学报, 2016, 32 (17)：309－314 (EI 收录) 5. 常萧楠, 何春霞*, 付菁菁, 等. 竹炭和壳聚糖对聚乙烯木塑复合材料			

	界面性能的影响. 复合材料学报, 2016, 33 (9): 2022—2029 (EI 收录) 6. 何春霞, 付菁菁, 薛娇, 等. 硼酸锌含量对麦秸秆/PP 复合材料耐霉菌腐蚀性能的影响. 复合材料学报, 2015, 32 (4): 962—968 (EI 收录) 授权专利: 1. 何春霞, 葛波, 刘军恒, 等. 一种碳粉增强树脂基复合摩擦材料及其制备方法, 发明专利, ZL201410326634.6
奖励荣誉	2012 年获解放军科技进步三等奖 (×××××××导偏系统打击试验及工程应用方案研究), 排名: 3/7 2013 年被评为江苏省教育科技系统“五一巾帼标兵”

Teaching staff/ Personal information

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Unit address	No 40 Dingjiangtai Road, Pukou District, Nanjing, Jiangsu, P.R. China		Post code	210031
Research field	Agricultural Bio-materials and bio-fiber composites Nano-polymer composite materials			
Social appointments	Member of Chinese Society for Composite Materials Member of Jiangsu Composite Society			
Research projects	1. Sub-project of the National Support Program of Science and Technology: Research on rice/wheat stalks treatment technology and returning to the field (2011BAD20B03-02) 2. Special Research Fund for the Doctoral Program of Higher Education of China: Research on micro-structure & tribological properties of PTFE composites based on image processing & fractal theory (20060307002)			
Academic achievements	1. Fu Jingjing, Wang Siqun, He Chunxia* , et al. Facilitated fabrication of high strength silica aerogels using cellulose nanofibrils as scaffold. Carbohydrate Polymers, 2016, 147: 89-96 (SCI) 2. Huan Zhang, Chunxia He* , Min Yu, et al. Texture Feature Extraction and Classification of SEM Images of Wheat Straw/Polypropylene Composites in Accelerated Aging Test. Advances in Materials Science and Engineering, 2015, doi:10.1155/2015/397845 (SCI) 3. Chunxia He , Renluan Hou, Jiao Xue, et al. The Performance of Polypropylene Wood-Plastic Composites with Different Rice Straw Contents Using Two Methods of Formation. Forest Products Journal, 2013, 63 (1): 61-66 (SCI) 4. Liu Dingning, He Chunxia* , Xue Jiao, et al. Physicochemical pretreatments of wheat straw improving fungus corrosion resistance and mechanical properties of wheat straw/polypropylene composites. Transactions of the Chinese Society of Agricultural Engineering, 2016, 32 (17): 309-314 (EI) 5. CHANG Xiaonan, HE Chunxia* , FU Jingjing, et al. Effects of bamboo charcoal and chitosan on interfacial property of polyvinyl chloride based wood plastic composites. Acta Materiae Compositae Sinica, 2016, 33 (9): 2022-2029 (EI)			

	6. HE Chunxia , FU Jingjing, XUE Jiao, et al. Effects of zinc borate contents on fungus corrosion resistance of wheat straw / PP composites. Acta Materiae Compositae Sinica, 2015, 33 (4): 962-968 (EI)
Reward & honor	PLA Science & Technology Progress Award, 2012