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韩广萍, 博士、教授、博士生导师

所在学科: 木材科学与技术学科**研究方向:** 生物质复合材料**主讲课程:** 生物复合材料(双语)、木质工程材料、生物复合材料表面装饰及工艺、木质复合材料学(博士)**主持参与课题:**

- 1、国家林业局科技司行业标准制定项目、2010-LY-141、定向结构麦秸板、2010/01-2011/12、7.0万元、已结题、主持。
- 2、国家林业局科技司行业标准制定项目、2013-LY-060、涂饰定向结构麦秸板地板、2013/01-2015/12、7.0万元、已结题、主持。
- 3、国家自然科学基金面上项目、30471354、木材高温高压蒸汽干燥过程中粘弹性特性及应力释放机理研究、2005/01-2007/12、21万元、已结题、参加。
- 4、黑龙江省重点科技攻关项目、GB07B503、生物质材料原料前期处理与制板新工艺研究、2007/01-2009/12、20万元、已结题、主持。
- 5、教育部、国家外国专家局高等学校学科创新引智计划、B08016、林业工程学科创新引智基地、2008/01-2012/12、900万元、已结题、参加。
- 6、国家自然科学基金面上项目、30871981、木材高温高压过热蒸汽干燥与品质优化机理的研究、2009/01-2011/12、32万元、已结题、参加。
- 7、国家林业局林业科学技术推广项目、[2010]32、预油漆装饰纸用水性涂料技术推广、2010/01-2012/12、35万元、已结题、参加。
- 8、国家自然科学基金重大国际合作研究项目、31010103905、基于动态塑化挤出成型的木质纤维塑性加工原理、2011/01-2013/12、200万元、已结题、参加。
- 9、国家自然科学基金面上项目、31070505、纳米纤维素增强透明高分子复合材料的研究、2011/01-2013/12、35万元、已结题、主持。
- 10、国家林业局引进国际先进林业科学技术项目、2013-4-11、静电纺丝制备功能性纳米材料关键技术引进、2013/01-2017/12、50万元、在研、主持。

11、国家自然科学基金面上项目、31470580、功能性纳米复合纤维的静电纺丝制备及调控机理、2015/01-2018/12、81万元、在研、主持。

12、国家自然科学基金面上项目、31570550、生物质微细纤维复合改性处理对木塑复合材料性能的影响及作用机制、2016/01-2019/12、60万元、在研、参加。

13、国家自然科学基金面上项目、31870544、木材太空能/空气能联合干燥的过程调控及能源转换阈值模型的建立、2019/01-2020/12、30万元、在研、参加。

14、“十三五”国家重大研发计划课题研究任务、2017YFD060080205、竹纤维编织增强热固性树脂复合材料、2017/07-2020/12、55万元、在研、主持

15、黑龙江省自然科学基金面上项目、LH2020C039、静电纺木质素基复合纳米纤维的结构调控及其构筑机理、2020/07-2023/06、10万元、在研、主持。

16、国家自然科学基金面上项目、32071686、基于太阳能/空气能联合供热的木制品水性涂料干燥固化特性及其热质传递规律、2021/01-2024/12、58万元、在研、参加。

17、国家自然科学基金面上项目、32071850、基于VARTM的竹长纤维/环氧树脂复合材料的成型机制及性能调控、2021/01-2024/12、59万元、在研、主持。

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2、韩广萍参编,张宏建,费本华主编.木结构建筑材料学.北京:中国林业出版社,2013.8

3、梅长彤主编,韩广萍,吴章康副主编.刨花板制造学(高等院校木材科学与工程专业规划教材).北京:中国林业出版社,2012.12

4、Guangping Han. Oriented Strandboard as Advanced Structural Materials-Property Enhancement through Alternative Raw Material and Modeling. 东北林业大学出版社,2004.5

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