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陈红兵

时间：2020-03-24



导师介绍

个人简介：

陈红兵，工学博士，教授，硕士研究生导师，欧盟玛丽居里学者，北京市科技新星。2009.11至2011.10在英国诺丁汉大学从事博士后访问研究。主要从事太阳能综合利用、纳米相变流体、多孔介质传热传质、绿色建筑与建筑节能等方面的研究。主持和参与各类科研课题40多项，发表论文120余篇，其中SCI26篇，EI27篇，中文核心20篇；出版学术专著2部、参编著作7部；获得授权发明专利10余项，获省部级科技成果一等奖3项、二等奖2项，指导研究生22人。

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研究方向:

- (1) 太阳能光伏光热综合利用技术开发及其应用
- (2) 纳米相变流体制备、性能及应用
- (3) 绿色建筑与建筑节能
- (4) 土壤蓄/放热过程中热湿传递机理及其特性研究

部分研究成果:

- (1) 英文学术专著: A Novel Micro-generation System Using Photovoltaic/Thermal (PV/T) Panel, ISBN 978-7-5121-3246-7, 北京交通大学出版社, 2017。
- (2) 中文学术专著: 热管式太阳能PV/T系统性能研究与优化, ISBN 978-7-111-56749-3, 机械工业出版社, 2017。
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