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首页 (../..) > 研究生培养 (../..) > 导师队伍 (../)

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华中理工大学学士、华中科技大学硕士、香港城市大学博士、香港大学博士后

主要研究方向:

无线输电(无线充电); 气体放电灯建模; 遗传算法及应用; 电磁场检测技术研究; 荧光灯和LED灯的长寿命、环境友好型镇流器研究; Memristor研究

研究成果:

先后发表论文和专利50余篇, SCI收录 20篇 (其中JCR 1区18篇), EI收录15篇; 累计已申请国际国内专利8个, 取得湖北省科技成果登记1项, 软件著作权6项; 近5年来, 作为主要科研人员参与香港特区RGC项目6项, 参与项目的总经费2000余万港币。

Selected publications:

C. Zhang, D. Lin, N. Tang, and S. Y. Hui, "A Novel Electric Insulation String Structure with High-Voltage Insulation and Wireless Power Transfer Capabilities," *IEEE Transactions on Power Electronics*, Early access, 2017.

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