<table>
<tr><td>姓　名</td><td>霍为炜</td><td>性　别</td><td>男</td><td>职称</td><td>副教授</td></tr>
<tr><td>最后学历</td><td>博士研究生</td><td>最后学位</td><td>工学博士</td><td>获学位单位</td><td>中国科学院</td></tr>
<tr><td>任硕导时间</td><td>2018</td><td>任博导时间</td><td>无</td><td>E-mail</td><td>weiweihuo@bistu.edu.cn</td></tr>
<tr><td rowspan="2">所属学科
及学科方向</td><td colspan="3">机械工程</td><td>研究方向 1</td><td>电动运载装备能量管理与控制</td></tr>
<tr><td colspan="3">车辆工程</td><td>研究方向 2</td><td>储能系统管理与控制</td></tr>
<tr><td>工作简历</td><td colspan="5">[1] 2017.05 – 至今　北京信息科技大学 机电工程学院车辆工程系
[2] 2013.07 – 2017.05　北京理工大学 电动车辆国家工程实验室　博士后　(导师：孙逢春院士)</td></tr>
<tr><td>科研项目情况</td><td colspan="5">[1]　2017.07 - 2021.07 国家重点研发计划“新能源汽车重点专项”车用快速动态响应燃料电池发动机研发子课题负责人
[2]　2019.01 - 2020.12 北京市自然科学基金 基于场协同理论的车用锂离子动力电池散热机制研究
项目负责人
[3]　2019.01 - 2020.12 北京市教委科技一般项目 车用动力电池冷却系统协同散热机理与主动冷却研究
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[4]　2018.01 – 2020.12 北京信息科技大学-师资队伍补充计划支持项目
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[5]　2019.01 - 2021.12 广东省重点领域研发计划 燃料电池乘用车整车集成及动力系统平台开发
主要参与人
[6]　2020.01 - 2021.05 中国工程院咨询研究（院地合作）项目 山西省新能源汽车产业发展战略研究
主要参与人
[7]　2021.07 – 2022.07　中国工程院咨询研究（院地合作）项目 江西省汽车新能源技术与产业发展研究
主要参与人</td></tr>
<tr><td>主要科研成果</td><td colspan="5">2023 年
[1] Weiwei Huo, Tianyu Zhao; An improved Soft Actor-Critic Based Energy Management Strategy of Fuel Cell Hybrid Electric Vehicle, Journal of Energy Storage, (SCI, 中科院 2 区， IF = 9.4)
[2] Weiwei Huo, Yunxu Jia, Yong Chen; Joint estimation for SOC and capacity after current measurement offset redress with two-stage forgetting factor recursive least square method, Journal of Power Electronics, (SCI, 中科院 4 区，IF = 1.4)
[3] Weiwei Huo, Teng Liu, Jianwei Li; Reinforcement learning-based co-optimization of adaptive cruise speed control and energy management for fuel cell vehicles, Energy Technology, (SCI, 中科院 4 区，IF = 3.8)
2022 年
[1] Weiwei Huo, Chendong Guo; Research on the thermal comfort of passenger compartment based on the PMV/PPD, International Journal of Thermal Sciences, 2022 (SCI, 中科院 2 区， IF = 4.779)
[2] Weiwei Huo, Dong Chen, Sheng Tian; Lifespan-consciousness and minimum-consumption coupled energy management strategy for fuel cell hybrid vehicles via deep reinforcement learning, International Journal of Hydrogen Energy,2022 (SCI, 中科院 2 区，top 期刊， IF = 7.139)
[3] Weiwei Huo, Weier Li, Chao Sun, Xiaodong Wei, Qiang Ren; Research on Fuel Cell Fault Diagnosis Based on Genetic Algorithm Optimization of Support Vector Machine, Energies, 2022 (SCI, 中科院 4 区, IF = 3.004)</td></tr>
</table>

	2021 年 [1] **Weiwei Huo**, Weier Li, Zehui Zhang, Chao Sun, Feikun Zhou, Guoqing Gong; Performance prediction of proton-exchange membrane fuel cell based on convolutional neural network and random forest feature selection, *Energy Conversion and Management*, 2021 (SCI，中科院 1 区，top 期刊，IF = 11.533) [2] Xiaodong Wei, Jianghao Leng, Chao Sun, Qiang Ren, **Weiwei Huo**, Fengchun Sun; Co-optimization method of speed planning and energy management for fuel cell vehicles through signalized intersections, Journal of Power Source, 2022 (SCI, 中科院 1 区， top 期刊) [3] Xiaodong Wei, Chao Sun, Qiang Ren, Feikun Zhou, **Weiwei Huo**, Fengchun Sun; Application of alternating direction method of multipliers algorithm in energy management of fuel cell vehicles, *International Journal of Hydrogen Energy*, 2021 (SCI, 中科院 2 区, top 期刊, IF = 7.139) [4] Bin Zuo, Zehui Zhang, **Weiwei Huo** et al. Data-driven flooding fault diagnosis method for proton-exchange membrane fuel cells using deep learning technologies *Energy Conversion and Management*, 2021 (SCI，中科院 1 区，top 期刊，IF = 11.533) 2020 年及以前 (部分) [1] Yong Chen, **Weiwei Huo***, Muyi Lin, Li Zhao; Simulation of electrochemical behavior in Lithium ion battery during discharge process, *PLoS ONE*, 2018 (SCI, 中科院 3 区, IF = 2.74) [2] Hongwen He, Hui Jia, **Weiwei Huo***, Fengchun Sun; Field Synergy Analysis and Optimization of the Thermal Behavior of Lithium Ion Battery Packs, *Energies*, 2017 (SCI, 中科院 4 区, IF = 3.004) [3] **Weiwei Huo**, Hongwen He, Fengchun Sun; Microfluidic direct methanol fuel cell by electrophoretic deposition of platinum/carbon nanotubes on electrode surface, *International Journal of Energy Research*, 2015 (SCI, 中科院 2 区, IF = 5.164) [4] Fengchun Sun, Hongwen He, **Weiwei Huo***; Polymer separator and low fuel concentration to minimize crossover in microfluidic direct methanol fuel cells, *International Journal of Energy Research*, 2015 (SCI, 中科院 2 区, IF = 5.164)
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