

Research Field: Explosion and Shock Dynamics

Focused Field: Electromagnetic Radiation Damage From Hypervelocity Impact

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博士: 爆炸力学 – 北京理工大学(2021) 导师: 苏煜教授

硕士: 力学 – 燕山大学(2016) 导师: 胡宇达教授

本科: 工程力学 – 太原科技大学(2009) 导师: 李兴莉教授



研究方向

- (1) 高熵含能材料微结构设计及其冲击释能特性研究;
- (2) 超高速碰撞电磁辐射效应研究;
- (3) 碳纳米复合材料力/热/电学性能研究.

工作经历

2021 – 至今 弘深青年教师/博士后/助理研究员, 重庆大学, 合作导师: 彭向和教授

2018 – 2020 访问学者, Rutgers University, 合作导师: Prof. George Weng

主持项目

- (1) 国家自然科学基金, 12302464, 多级孔氟化石墨烯基高熵含能材料冲击释能机理研究, 2024.01–2026.01, 在研。
- (2) 1*3 基础加强计划领域基金, 多级片层*****释能研究, 2023.11 – 2025.11, 在研。
- (3) 先进智能防护装备技术教育部重点实验室开放基金, 2024.09 – 2026.08, 在研。
- (4) 航天五院北京卫星环境工程研究所, JG20230125, 超高速碰撞等离子体及其磁场信号测试系统研制, 2023.06 – 2024.11, 在研。

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 - [6] **Wang J**, Duan X, Gong L*, Nie S*. Interfacial and Filler Size Effects on Mechanical/Thermal/Electrical Properties of CNTs-Reinforced Nanocomposites. *Polymers* 2024; 16(6):808.
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