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主要研究方向

纳米陶瓷材料和纳米颗粒增强金属基复合材料的制备 与超塑成形技术, 塑料和超细粉体微零件注射成形技术, 先进金属材料超塑成形技术，自阻电加热成形技术，难熔合金制备与成形技术。

社会兼职

国际超塑性顾问委员会常委；第九届国际超塑性系列会议主席；中国微米纳米技术学会理事；全国塑性工程学会副理事长；中国机械工程学会微纳制造技术分会理事；全国塑性工程学会超塑性学术委员会副主任；塑性工程学会国际交流工作委员会委员；塑性工程学会塑性理论学术委员会委员；黑龙江省锻压学会副理事长；塑性工程学报、锻压技术、材料科学与工艺等 3 杂志编委。

主要学术成果

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