

姓 名	林尽染	性别	女	
职 称	讲师	系别	机械系	
学 位	博士	电话		
E-mail	linjinran@njau.edu.cn			
单位地址	南京市浦口区点将台路 40 号	邮编	210031	
研究领域	新型非晶纳米材料设计与制备，材料表面防护			
社会兼职	Journal of Thermal Spray Technology 等国内外 SCI/EI 期刊审稿人			
承担项目	<ol style="list-style-type: none"> 1. 南京农业大学基本科研业务费专项基金项目：农用水泵叶片非晶纳米晶防护涂层及其汽蚀-腐蚀耦合损伤行为研究（编号：262201660） 2. 南京农业大学引进人才科研启动基金项目，快速原位动态合成 Fe 基非晶涂层及其防腐耐磨机理研究 			
学术成果	<p>近期主要论文：</p> <ol style="list-style-type: none"> 1. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Effects of post annealing on the microstructure, mechanical properties and cavitation erosion behavior of arc-sprayed FeNiCrBSiNbW coatings. <i>Materials and Design</i>, 2015, 65:1035-1040. 2. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Microstructure and cavitation erosion behavior of FeNiCrBSiNbW coating prepared by twin wires arc spraying process. <i>Surface and Coatings Technology</i>, 2014, 240:432-436. 3. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Microstructure and corrosion resistance of Fe-based coatings prepared by twin wires arc spraying process. <i>Journal of Thermal Spray Technology</i>, 2014, 23(3):333-339. 4. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Effect of crystallisation on electrochemical properties of arc sprayed FeNiCrBSiNbW coatings. <i>Surface Engineering</i>, 2014, 30(9):683-687. 5. 林尽染, 王泽华, 林萍华, 等. FeNiCrBSiNbW 非晶涂层组织及空蚀性能研究. <i>材料热处理学报</i>, 2012, 33(12):132-136. 6. 林尽染, 王泽华, 林萍华, 等. 高速电弧喷涂 316L 不锈钢涂层组织及空蚀性能研究. 第九届全国表面工程大会论文集, 2012. 7. Xin Zhang, Zehua Wang, Jinran Lin, Zehua Zhou. A study on high temperature oxidation behavior of high-velocity arc sprayed Fe-based coatings. <i>Surface and Coatings Technology</i>, 2015, 283:255-261. 8. Xin Zhang, Zehua Wang, Zehua Zhou, Jinran Lin. High temperature oxidation behavior of arc-sprayed FeCrBAlMo coating. <i>Journal of Advanced Oxidation Technologies</i>, 2016, 19(1):105-112. 9. Zehua Wang, Xuan Zhang, Jiangbo Cheng, Jinran Lin, Zehua Zhou. Cavitation erosion resistance of Fe-based amorphous/nanocrystal coatings prepared by high-velocity arc spraying. <i>Journal of Thermal Spray Technology</i>, 2014, 23(4):742-749. 10. Sheng Hong, Yuping Wu, Yugui Zheng, Bo Wang, Wenwen Gao, Jinran 			

	<p>Lin. Microstructure and electrochemical properties of nanostructured WC-10Co-4Cr coating prepared by HVOF spraying. <i>Surface and Coatings Technology</i>, 2013, 235:582-588.</p> <p>11. 张欣, 王泽华, 林尽染, 张旋, 程江波. 高速电弧喷涂 FeCrNiNbBSiMo 涂层高温氧化性能. <i>材料热处理学报</i>, 2014, 33(1):157-162.</p> <p>12. 张欣, 王泽华, 林尽染, 张旋. 高速电弧喷涂 FeCrBSiMo 涂层抗高温氧化性能. <i>焊接学报</i>, 2014, 35(12):19-22.</p> <p>授权专利:</p> <p>1. 一种耐海洋环境腐蚀铝基非晶纳米晶涂层用的粉芯丝材, 发明专利, ZL201410625058.5, 程江波, 刘丹, 林尽染, 凌慧, 王泽华.</p> <p>2. 一种含纳米结构抗高温氧化腐蚀涂层用的粉芯丝材, 发明专利, ZL201310001569.5, 程江波, 王泽华, 张欣, 林尽染.</p> <p>3. 等离子熔覆原位自生 TiB₂-TiC-TiN 增强高熵合金涂层材料及制备方法, 发明专利, ZL201310434691.1, 程江波, 张保森, 王泽华, 林尽染.</p>
<p>奖励荣誉</p>	

Teaching staff/ Personal information

Name	Lin Jinran	Gender	Female	
Title	Lecture	Department	Mechanics	
Degree	Ph.D.	Telephone		
E-mail	linjinran@njau.edu.cn			
Unit address	40 Dianjiangtai Road, Pukou District, Nanjing		Post code	210031
Research field	Design and preparation of new amorphous/nanocrystalline materials, Surface protection of materials			
Social appointments	Reviewer for Journal of Thermal Spray Technology et al.			
Research projects	<ol style="list-style-type: none"> 1. Fundamental Research Funds for the Nanjing Agricultural University: The coupling interaction between corrosion and cavitation erosion of amorphous/nanocrystalline coatings on agriculture pumps (Grant No. 262201660). 2. Scientific Research Foundation for the introduced talents, Nanjing Agricultural University: Rapid dynamic in-situ synthesis of Fe-based amorphous coatings and their corrosion/wear resistance mechanism. 			
Academic achievements	<p>Recent Publications:</p> <ol style="list-style-type: none"> 1. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Effects of post annealing on the microstructure, mechanical properties and cavitation erosion behavior of arc-sprayed FeNiCrBSiNbW coatings. <i>Materials and Design</i>, 2015, 65:1035-1040. 2. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Microstructure and cavitation erosion behavior of FeNiCrBSiNbW coating prepared by twin wires arc spraying process. <i>Surface and Coatings Technology</i>, 2014, 240:432-436. 3. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Microstructure and corrosion resistance of Fe-based coatings prepared by twin wires arc spraying process. <i>Journal of Thermal Spray Technology</i>, 2014, 23(3):333-339. 4. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Effect of crystallisation on electrochemical properties of arc sprayed FeNiCrBSiNbW coatings. <i>Surface Engineering</i>, 2014, 30(9):683-687. 5. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Microstructure and cavitation erosion behavior of FeNiCrBSiNbW amorphous coating. <i>Transactions of Materials and Heat Treatment</i>, 2012, 33(12):132-136. (In Chinese) 6. Jinran Lin, Zehua Wang, Pinghua Lin, et al. Microstructure and cavitation erosion behavior of 316L stainless steel coating. 9th National Surface Engineering Conference of China, 2012. (In Chinese) 7. Xin Zhang, Zehua Wang, Jinran Lin, Zehua Zhou. A study on high temperature oxidation behavior of high-velocity arc sprayed Fe-based coatings. <i>Surface and Coatings Technology</i>, 2015, 283:255-261. 8. Xin Zhang, Zehua Wang, Zehua Zhou, Jinran Lin. High temperature oxidation behavior of arc-sprayed FeCrBAlMo coating. <i>Journal of Advanced Oxidation Technologies</i>, 2016, 19(1):105-112. 			

	<p>9. Zehua Wang, Xuan Zhang, Jiangbo Cheng, Jinran Lin, Zehua Zhou. Cavitation erosion resistance of Fe-based amorphous/nanocrystal coatings prepared by high-velocity arc spraying. <i>Journal of Thermal Spray Technology</i>, 2014, 23(4):742-749.</p> <p>10. Sheng Hong, Yuping Wu, Yugui Zheng, Bo Wang, Wenwen Gao, Jinran Lin. Microstructure and electrochemical properties of nanostructured WC-10Co-4Cr coating prepared by HVOF spraying. <i>Surface and Coatings Technology</i>, 2013, 235:582-588.</p> <p>11. Xin Zhang, Zehua Wang, Jinran Lin, et al. Elevated temperature oxidation resistance of FeCrNiNbBSiMo coating by high velocity arc spraying. <i>Transactions of Materials and Heat Treatment</i>, 2014, 33(1):157-162. (In Chinese)</p> <p>12. Xin Zhang, Zehua Wang, Jinran Lin, et al. High temperature oxidation of high velocity arc sprayed FeCrBSiMo coating. <i>Transactions of The China Welding Institution</i>, 2014, 35(12):19-22. (In Chinese)</p> <p>Authorized patents:</p> <p>1. A self-made cored wire for Al-base amorphous/nanocrystalline coatings to resist corrosion in ocean environment, invention patent, ZL201410625058.5, Jiangbo Cheng, Dan Liu, Jinran Lin, Hui Lin, Zehua Wang.</p> <p>2. A self-made cored wire for nanocrystalline coatings to resist high temperature oxidation, invention patent, ZL201310001569.5, Jiangbo Cheng, Zehua Wang, Xin Zhang, Jinran Lin.</p> <p>3. In-situ synthesis of TiB₂-TiC-TiN reinforced high entropy alloys coatings prepared by plasma cladding, invention patent, ZL201310434691.1, Jiangbo Cheng, Bosen Zhang, Zehua Wang, Jinran Lin.</p>
<p>Reward & honor</p>	