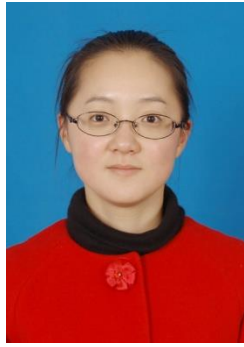


姓 名	林尽染	性别	女	
职 称	讲师	系别	机械系	
学 位	博士	电话		
E-mail	linjinran@njau.edu.cn			
单位地址	南京市浦口区点将台路 40 号	邮编	210031	
研究领域	新型非晶纳米材料设计与制备，材料表面防护			
社会兼职	Journal of Thermal Spray Technology 等国内外 SCI/EI 期刊审稿人			
承担项目	<ol style="list-style-type: none"> <li>1. 南京农业大学基本科研业务费专项基金项目：农用水泵叶片非晶纳米晶防护涂层及其汽蚀-腐蚀耦合损伤行为研究（编号：262201660）</li> <li>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</li> </ol>			
学术成果	<p>近期主要论文：</p> <ol style="list-style-type: none"> <li>1. <b>Jinran Lin</b>, 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.</li> <li>2. <b>Jinran Lin</b>, 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.</li> <li>3. <b>Jinran Lin</b>, 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.</li> <li>4. <b>Jinran Lin</b>, 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.</li> <li>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.</li> <li>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.</li> <li>7. Xin Zhang, Zehua Wang, <b>Jinran Lin</b>, 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.</li> <li>8. Xin Zhang, Zehua Wang, Zehua Zhou, <b>Jinran Lin</b>. High temperature oxidation behavior of arc-sprayed FeCrBAlMo coating. <i>Journal of Advanced Oxidation Technologies</i>, 2016, 19(1):105-112.</li> <li>9. Zehua Wang, Xuan Zhang, Jiangbo Cheng, <b>Jinran Lin</b>, 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.</li> <li>10. Sheng Hong, Yuping Wu, Yuguai Zheng, Bo Wang, Wenwen Gao, <b>Jinran</b></li> </ol>			

	<p><b>Lin.</b> 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, <b>林尽染</b>, 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, <b>林尽染</b>, 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, <b>林尽染</b>, 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, <b>林尽染</b>.</p> <p>3. 等离子熔覆原位自生 TiB<sub>2</sub>-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, <b>林尽染</b>.</p>
<p><b>奖励荣誉</b></p>	

## Teaching staff/ Personal information

<b>Name</b>	Lin Jinran	<b>Gender</b>	Female	
<b>Title</b>	Lecture	<b>Department</b>	Mechanics	
<b>Degree</b>	Ph.D.	<b>Telephone</b>	13770520213	
<b>E-mail</b>	linjinran@njau.edu.cn			
<b>Unit address</b>	40 Dianjiangtai Road, Pukou District, Nanjing		<b>Post code</b>	210031
<b>Research field</b>	Design and preparation of new amorphous/nanocrystalline materials, Surface protection of materials			
<b>Social appointments</b>	Reviewer for Journal of Thermal Spray Technology et al.			
<b>Research projects</b>	<ol style="list-style-type: none"> <li>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).</li> <li>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.</li> </ol>			
<b>Academic achievements</b>	<p>Recent Publications:</p> <ol style="list-style-type: none"> <li>1. <b>Jinran Lin</b>, 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.</li> <li>2. <b>Jinran Lin</b>, 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.</li> <li>3. <b>Jinran Lin</b>, 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.</li> <li>4. <b>Jinran Lin</b>, 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.</li> <li>5. <b>Jinran Lin</b>, 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)</li> <li>6. <b>Jinran Lin</b>, 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)</li> <li>7. Xin Zhang, Zehua Wang, <b>Jinran Lin</b>, 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.</li> <li>8. Xin Zhang, Zehua Wang, Zehua Zhou, <b>Jinran Lin</b>. High temperature oxidation behavior of arc-sprayed FeCrBAlMo coating. <i>Journal of Advanced Oxidation Technologies</i>, 2016, 19(1):105-112.</li> </ol>			

	<p>9. Zehua Wang, Xuan Zhang, Jiangbo Cheng, <b>Jinran Lin</b>, 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, <b>Jinran Lin</b>. 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, <b>Jinran Lin</b>, 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, <b>Jinran Lin</b>, 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, <b>Jinran Lin</b>, 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, <b>Jinran Lin</b>.</p> <p>3. In-situ synthesis of TiB<sub>2</sub>-TiC-TiN reinforced high entropy alloys coatings prepared by plasma cladding, invention patent, ZL201310434691.1, Jiangbo Cheng, Bosen Zhang, Zehua Wang, <b>Jinran Lin</b>.</p>
<p><b>Reward &amp; honor</b></p>	